PERSPEKTIVEN FÜR UMWELT & GESELLSCHAFT umweltbundesamt

AUSWERTUNG DES RINGVERSUCHS

Pestizide gemäß Trinkwasserverordnung (TWV) inkl. relevanter und nicht relevanter Metaboliten – PM02

Probenversand am 11. September 2018

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1 Beschreibung des Ringversuchs Pestizide gemäß TWV – PM02

1.1 Teilnehmer und Zeitplan

- Anzahl der Anmeldungen: 26
- Anzahl der übermittelten Datensätze: 26
- Probenversand: 11.09.2018
- Einsendeschluss der Daten: 16.10.2018

Zur Anonymisierung der Ergebnisse wurde jedem Labor willkürlich ein Laborcode zugeteilt.

1.2 Probenahme, -material und -verteilung

Das Probenmaterial umfasste:

- 1 Probe Trinkwasser (PM02 A)
- 1 Probe Trinkwasser (PM02 B)

Die Probenahme des Trinkwassers erfolgte am 10.09.2018.

Alle Proben wurden bis zur weiteren Verarbeitung bei < 4 °C gelagert.

Beide Proben wurden zusätzlich mit einzelnen Substanzen aufdotiert. Das Abfüllen der Proben erfolgte unter ständigem Rühren. Die homogenen Proben wurden am 11.09.2018 verschickt.

Jedes Teilnehmerlabor erhielt:

- 2 Proben zu je 3000 ml, abgefüllt in eine 1000 ml Kunststoff-Flasche und in 2 x 1000 ml Aluflaschen oder
- 2 Proben zu je 6000 ml, abgefüllt in 2 x 1000 ml Kunststoff-Flaschen und 4 x 1000 ml Aluflaschen

1.3 Kontrollanalytik

Im Zuge der Abfüllung wurden zu willkürlichen Zeitpunkten mehrere Aliquote pro Probe zur Kontrollanalytik durch die Umweltbundesamt GmbH entnommen und zeitnah nach dem Probenversand untersucht

Die Ergebnisse der Kontrollanalytik sind in der parameterorientieren Auswertung in Form von Mittelwerten ± Messunsicherheit als Kontrollwert ± U gelistet.

2 Auswertung

Die Ergebnisse der Analysen mussten spätestens bis zum 16.10.2018 beim Veranstalter vorliegen. Später eingehende Werte wurden nicht berücksichtigt. Eine statistische Auswertung der Ringversuchsdaten erfolgte erst ab zumindest 6 gültigen, numerischen Ergebnissen pro Parameter.

Für die Auswertung der Daten wurden vorab die Ausreißer mittels Ausreißertest nach Hampel ermittelt. Die von diesem Test auffällig eingestuften Werte sind in der Auswertung gekennzeichnet.

In begründeten Fällen, erfolgt eine Ausreißereliminierung nach anderen Kriterien. Diese Vorgehensweise ist, wenn erfolgt, unter Punkt 4 des Berichts dokumentiert.

Die weitere Auswertung erfolgte gemäß DIN ISO 5725-2. Ergebnisse kleiner Bestimmungs- oder Nachweisgrenze wurden bei den Berechnungen nicht berücksichtigt.

Als Basis zur Berechnung der Wiederfindungsraten sowie der z-Scores wurde der ausreißerbereinigte Mittelwert über alle übermittelten Ergebnisse herangezogen.

z-Score

Die Ermittlung der z-Scores erfolgte gemäß nachfolgender Formel:

$$z - score = \frac{x_i - \overline{X}}{Kriterium}$$

Dabei ist:

x_i	Messwert des teilnehmenden Labors
$\overline{X}$	Sollwert im Regelfall: ausreißerbereinigter Mittelwert der Teilnehmerergebnisse; Eine davon abweichende Vorgehensweise wird ggf. unter Punkt 4 des Berichts beschrieben.

Kriterium im Regelfall: Vergleichsstandardabweichung sR berechnet aus den ausreißerbereinigten Teilnehmerergebnissen des aktuellen Ringversuchs. Eine davon abweichende Vorgehensweise wird ggf. unter Punkt 4 des Berichts beschrieben.

Interpretation der z-Scores in der parameterorientierten Auswertung

- $|z| < 2$ Ergebnis gut
- $2 < |z| < 3$ Ergebnis fragwürdig
- $|z| > 3$ Ergebnis nicht zufriedenstellend

3 Darstellung und Interpretation der Messergebnisse

In der parameterorientierten Auswertung ist eine tabellarische Übersicht mit den Messwerten inklusive der Unsicherheit, der Wiederfindung zum Mittelwert und dem berechneten z-Score dargestellt. Weiterhin werden unter Anmerkungen die Ausreißer gekennzeichnet. Die in der Tabelle aufgeführten Ergebnisse werden auch grafisch dargestellt.

In der laborientierten Auswertung werden die Ergebnisse der einzelnen Labore inkl. Wiederfindungen und z-Scores übersichtlich dargestellt.

Eine Erläuterung zu den Tabellen und Grafiken kann Punkt 5 entnommen werden.

4 Anmerkungen zur Auswertung

Wie unter Punkt 2 ersichtlich, werden die z-Scores in der Regel unter Einbeziehung der Vergleichsstandardabweichung der ausreißerbereinigten Teilnehmerergebnisse des aktuellen Ringversuchs berechnet. Das kann zur Folge haben, dass es bei Parametern mit hoher Ergebnisstreuung dazu kommen kann, dass der Bereich z-Score -2 bis z-Score +2 einen ungewöhnlich hohen Wiederfindungsbereich abdeckt. Umgekehrt führt eine sehr geringe Streuung der Teilnehmerergebnisse dazu, dass der Bereich z-Score -2 bis z-Score +2 einen ungewöhnlich kleinen Wiederfindungsbereich abdeckt (vgl. Dicamba PM02 A)

Die Wiederfindungsrate wird unabhängig von der Streuung der Ergebnisse, als prozentuelle Abweichung vom Sollwert berechnet und sollte bei der Bewertung von Ergebnissen im Rahmen des internen Qualitätsmanagementsystems der teilnehmenden Labors berücksichtigt werden.

Dies ist insbesondere bei den Parametern, die in der Tabelle 1 gelistet sind, zu beachten

Tabelle 1: Parameter mit einer Vergleichsstandardabweichung (sR) > 25 %

Pestizide	**Relevante Metaboliten (RM)**	**Nicht relevant Metaboliten (NRM)**
Dieldrin (PM02 A) Glufosinat (PM02 A) Heptachlor (PM02 A) Nicosulfuron (PM02 A) Tribenuron-methyl (PM02 A) Triflusulfuron-methyl (PM02 A) ***Vgl PM01:*** *4 Parameter mit sR* > 25 %	3,5,6-Trichloro-2-pyridinol (PM02 B) ***Vgl PM01:*** *5 Parameter mit sR* > 25 %	Flufenacet-Säure (PM02 B) ***Vgl PM01:*** *6 Parameter mit sR* > 25 %

Zusammenfassung

86 Analyten wurden in mind. einer von zwei Trinkwasserproben dotiert, in Alugebinden und Kunststoffgebinden zu je 1000 mL abgefüllt und an 26 Ringversuchsteilnehmer versendet.

Die beiden neu eingestuften nicht relevanten Metaboliten **Chlorthalonil Metabolit R611965** und **Chlorthalonil Sulfonsäure (Chlorthalonil ESA)** wurden in den Untersuchungsumfang von PM02 inkludiert. Bei beiden Parametern konnte aufgrund der geringen Rückmeldung kein Sollwert berechnet werden. Für die interne QS können die Kontrollwerte zum Vergleich herangezogen werden.

Tolylfluanid: baut sich erfahrungsgemäß im Wasser sehr schnell ab (siehe dazu auch: http://sitem.herts.ac.uk/aeru/iupac/Reports/645.htm). Daher können für Tolylfluanid keine Bewertungen vorgenommen werden.

Im Untersuchungsumfang zu PM02 ist sowohl der **Dimethachlor Metabolit CGA 373464 (freie Säure)** als auch der **Dimethachlor Metabolit CGA 373464 (Essigsäuremethylester)**. Grund hierfür ist ein Fehler bei der CAS-Nummer für den Metaboliten Dimethachlor CGA 373464 im österreichischen Lebensmittelbuch, IV, Auflage Codexkapitel/ B1 / Trinkwasser. Dimethachlor Metabolit CGA 373464 ist wie in Tabelle 2 zitiert.
Im Bericht zum Ringversuches PM01 wurde bereits auf den Fehler hingewiesen. Ein deutscher Interessent hat ein an Ihn adressiertes Schreiben vom BFR (Bundesinstitut für Risikobewertung) zur Verfügung gestellt, woraus zu entnehmen

ist, dass es bei der EFSA-Zulassung einen Fehler bei der CAS-Nummer für den Metaboliten Dimethachlor CGA 373464 gab.

Tabelle 2: Auszug aus dem österreichischen Lebensmittelbuch

Nr	Ausgangs-substanz (Wirkstoff)	zu untersuchender Parameter (Metabolit)	CAS Nr, (Metabolit)	Klassifizierung (Relevanz)
12	Dimethachlor	CGA 373464	1196157-87-5	Relevanter Metabolit

Gemäß BFR handelt es sich bei dem Dimethachlor-Metaboliten CGA 373464 korrekterweise um den Essigsäuremethylester, IUPAC Name: [(2,6-dimethyl-phenyl)-methoxycarbonyl-methyl-carbamoyl]-methanesulfonic acid sodium salt.
Unter CAS Nr. 1196157-87-5 ist jedoch die Substanz [(2,6-Dimethylphenyl)(2-sulfoacetyl)amino]acetic acid sodium salt angeführt, d.h. die freie Säure bzw. dessen Natrium-Salz.
In Österreich wird die Messung gemäß dem Lebensmittelkodex durchgeführt, d.h. die freie Säure bzw. dessen Natrium-Salz bestimmt. Eine entsprechende Information über den Sachverhalt wurde bereits im Zuge des ersten Ringversuches an die betreffenden österreichischen Stellen weitergeleitet (Codexkommission, BMGF).

Tabelle 3: Parameter mit einer geringen Rückmeldequote

Pestizide	**Relevante Metaboliten (RM)**	**Nicht relevante Metaboliten (NRM)**
Tritosulfuron (PM02 A)	Dimethachlor Metabolit CGA 369873 (PM02 B) Dimethachlor Metabolit CGA 373464 (Essigsäuremethylester) (PM02 B) Dimethachlor Metabolit CGA 373464 (freie Säure) (PM02 B)	Alachlor ESA (PM02 B) Azoxystrobin-O-Demetyhyl (CyPM) (PM02 B) Chlorthalonil Metabolit R611965 (PM02 B) Chlorthalonil Sulfonsäure (PM02 B) s-Metolachlor Metabolit CGA 368208 (PM02 B) s-Metolachlor Metabolit NOA 413173 (PM02 B)
Vgl PM01: *3 Parameter mit geringer Rückmeldung*	***Vgl PM01:*** *6 Parameter mit geringer Rückmeldung*	***Vgl. PM01:*** *8 Parameter mit geringer Rückmeldung*

Für die in der Tabelle 3 gelisteten Parameter konnte aufgrund der geringen Rückmeldungsquote (nur wenige Messergebnisse der Teilnehmerlabors lagen für die Auswertung vor) kein Mittelwert gebildet werden. Für diese Parameter können die Kontrollwerte für die interne Qualitätssicherung zum Vergleich herangezogen werden.

5 Erläuterung zu Tabellen und Grafiken

5.1 Angaben und Abkürzungen in Tabellen

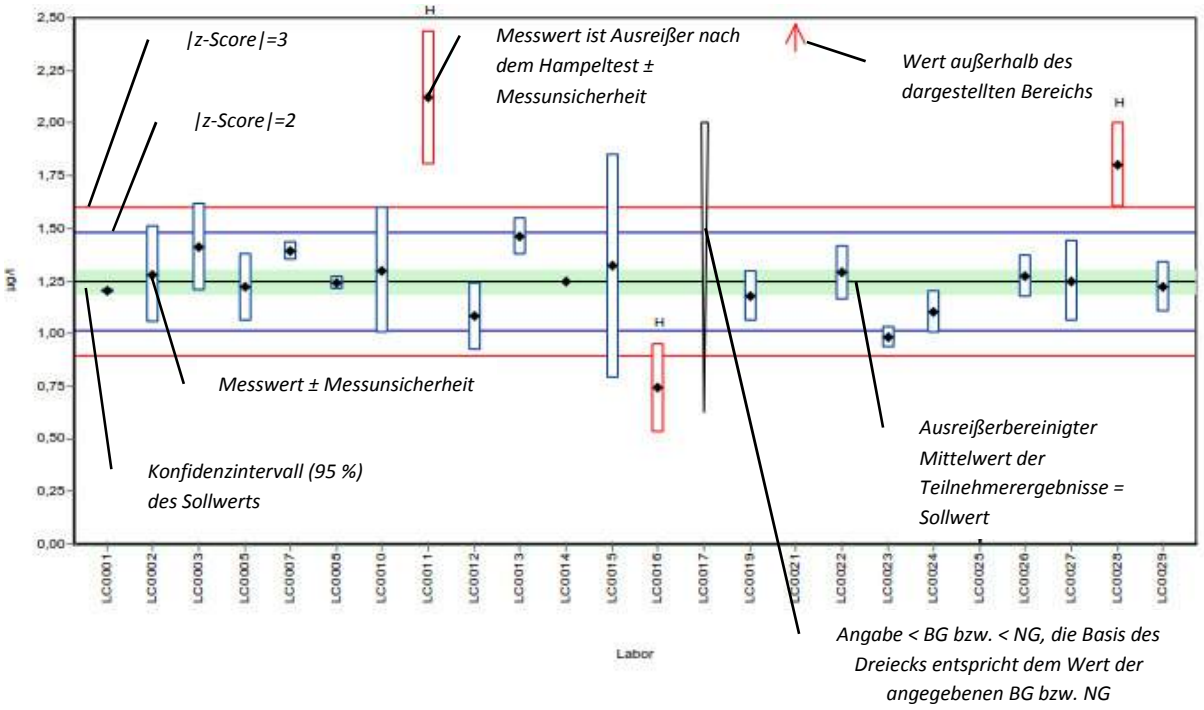
Parameter	Allgemeine Bezeichnung des Analysenparameters
Probe	Bezeichnung der übermittelten Probe
Einheit	Vorgegebene Einheit für Messwert und Ergebnisunsicherheit (z.B. µg/l)
Mittelwert	Ausreißerbereinigter Mittelwert über die Teilnehmer-ergebnisse (angegeben auf 3 signifikante Stellen)
VB (99%)	99% Vertrauensbereich (angegeben auf 3 signifikante Stellen)
Minimum	Minimaler abgegebener Messwert, ausreißerbereinigt (angegeben auf 3 signifikante Stellen)
Maximum	Maximaler abgegebener Messwert, ausreißerbereinigt (angegeben auf 3 signifikante Stellen)
sR	Vergleichsstandardabweichung berechnet aus den ausreißerbereinigten Teilnehmerergebnissen des aktuellen Ringversuchs (angegeben auf 3 signifikante Stellen)
vR	relative Vergleichsstandardabweichung in %, berechnet aus den ausreißerbereinigten Teilnehmerergebnissen des aktuellen Ringversuchs bezogen auf den Mittelwert (angegeben auf 2 signifikante Stellen)
Kontrollwert ± U	Mittelwert der Kontrollmessungen des Veranstalters ± Ergebnisunsicherheit des Kontrollwertes (jeweils angegeben auf 3 signifikante Stellen)
Laborcode	anonymisierte, eindeutige Teilnehmerkennung im jeweiligen Ringversuch
Messwert	Messwert lt. Teilnehmerangabe (maximal 5 Nachkommastellen dargestellt)
± U	Ergebnisunsicherheit lt. Teilnehmerangabe (maximal 5 Nachkommastellen dargestellt)
BG	Bestimmungsgrenze
NG	Nachweisgrenze

WF	Wiederfindungsrate in %, bezogen auf den Sollwert (angegeben auf 3 signifikante Stellen, dargestellt maximal 1 Nachkommastelle)
MW	Mittelwert
z-Score	Abweichung des Messwertes zum Sollwert, ausgedrückt als Vielfaches des Kriteriums (angegeben auf 3 signifikante Stellen, dargestellt maximal 2 Nachkommastellen)
-	Keine Daten übermittelt bzw. keine Berechnung möglich
Anmerkungen	Anmerkungen zum jeweiligen Messwert (z.B. H, FN, FP)
H	Ausreißer nach dem Hampel-Test
FN	Falsch negativ – Messergebnis kleiner Bestimmungs- bzw. Nachweisgrenze dessen Betrag die Bedingungen eines Ausreißers nach dem Hampeltest erfüllt.
FP	Falsch positiv – Falls aufgrund des geringen Analytgehalts kein Sollwert ermittelt werden kann ($n < 6$), wird der Median der Beträge der übermittelten Nachweis- bzw. Bestimmungsgrenzen ermittelt. Als falsch positiv wird ein Messwert bewertet, welcher diesen Median um mehr als 100 % übersteigt.
Standardabweichung	Vergleichsstandardabweichung berechnet aus den Teilnehmerergebnissen des aktuellen Ringversuchs (angegeben auf 3 signifikante Stellen)
rel. Standardabweichung	relative Vergleichsstandardabweichung in %, berechnet aus den Teilnehmerergebnissen des aktuellen Ringversuchs bezogen auf den Mittelwert (angegeben auf 3 signifikante Stellen)
n	Anzahl der Messergebnisse
Sollwert	hier: entspricht ausreißerbereinigtem Mittelwert über die Teilnehmerergebnisse
Kriterium	Kriterium zur Ermittlung des z-Scores sofern unter Punkt 4 nicht anders angegeben: Der angegebene Wert entspricht der Vergleichsstandardabweichung, berechnet aus den ausreißerbereinigten Teilnehmerergebnissen des aktuellen Ringversuchs. (angegeben auf 3 signifikante Stellen).

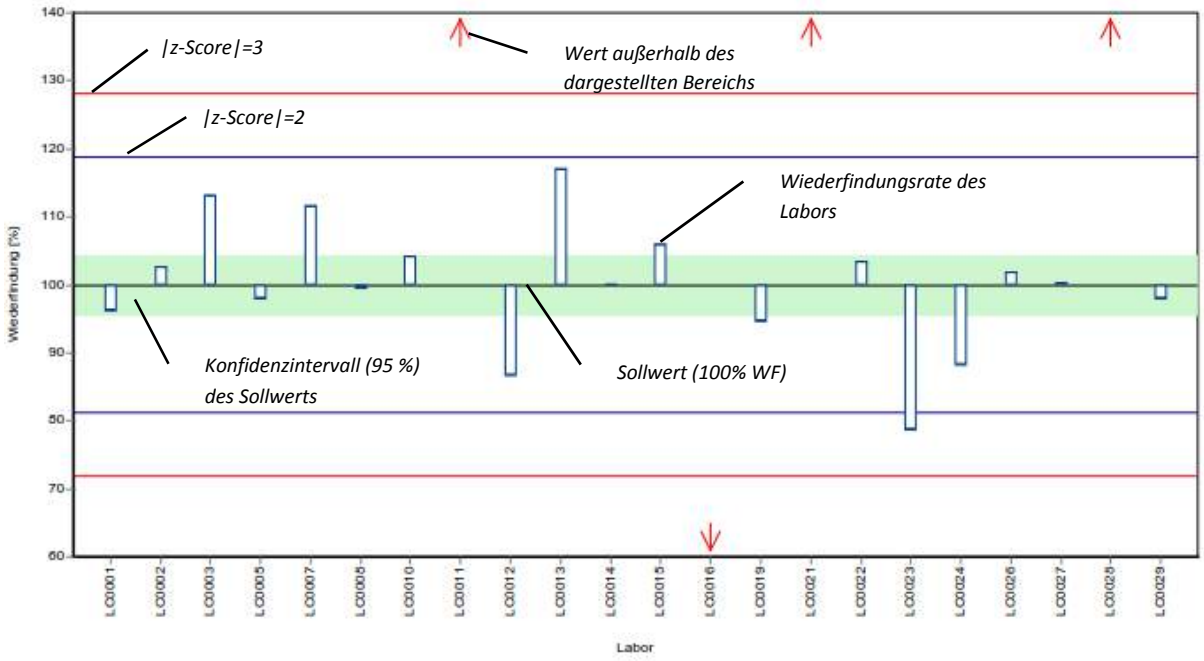
5.2 Graphische Darstellung der Ergebnisse

Nachfolgend ist die graphische Darstellung anhand von kommentierten Beispieldiagrammen erklärt.

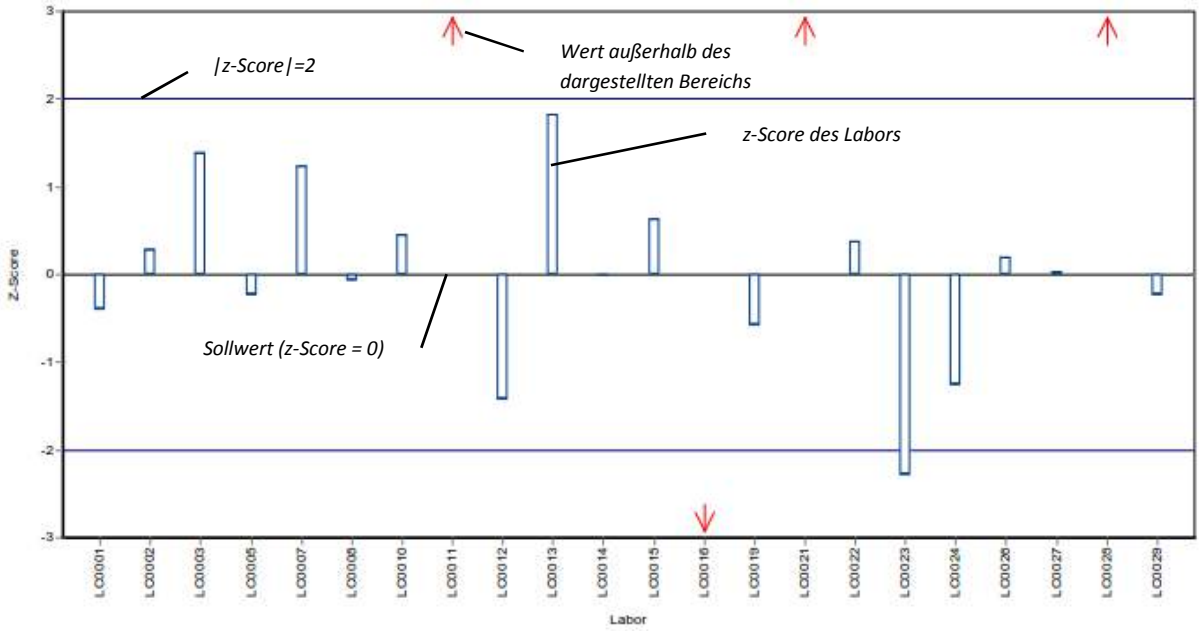
Beispieldiagramm: Messwerte



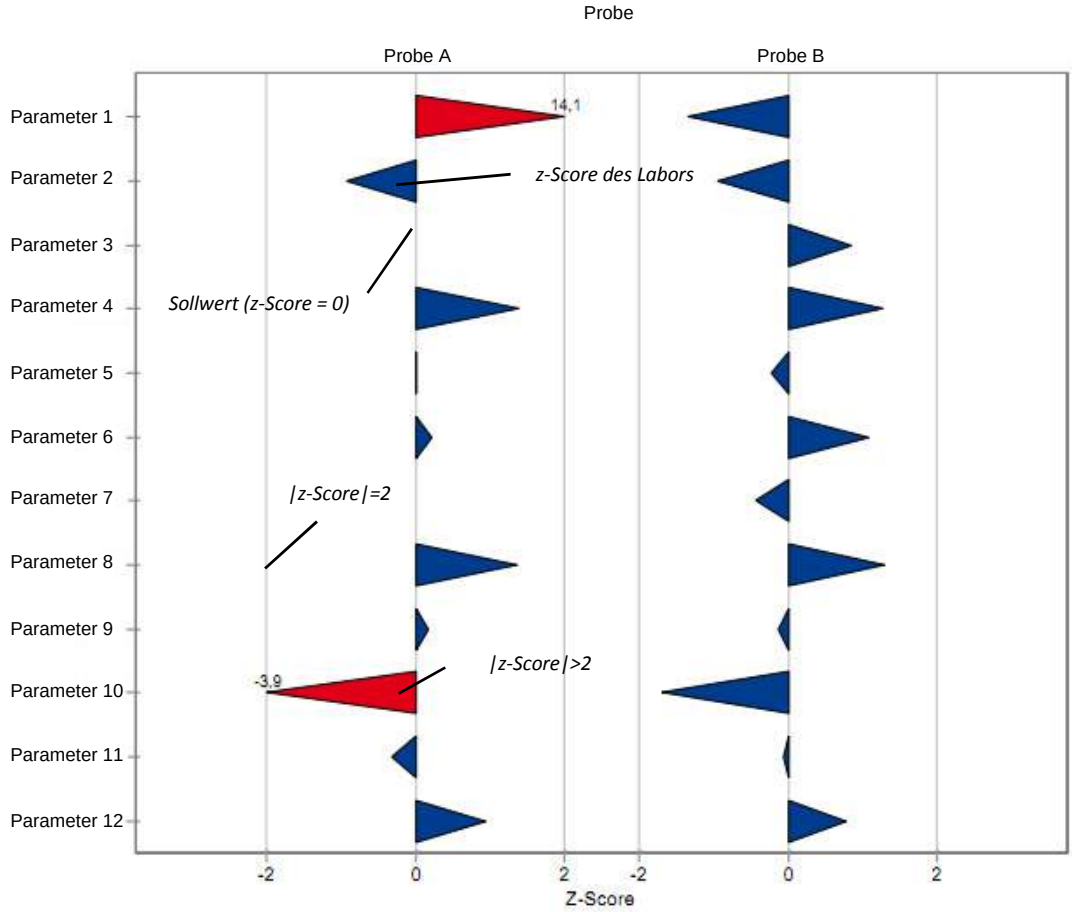
Beispieldiagramm: Wiederfindung zum Sollwert



Beispieldiagramm: z-Score



Beispieldiagramm: z-Score (laborientierte Auswertung)



6 Zusammenfassung der ausreißerbereinigten Ringversuchsergebnisse

Parameter	Probe	Einheit	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Mittelwert	±	VB (99%)	Minimum	Maximum	sR	vR
2,4-D (2,4-Dichlorphenoxyessigsäure)	PM02 A	µg/l	20	2	0.303	±	0.022	0.233	0.36	0.0327	11
	PM02 B	µg/l	20	2	0.191	±	0.0152	0.156	0.253	0.0227	12
2,6-Dichlorbenzamid	PM02 A	µg/l	20	0	0.883	±	0.0593	0.707	1.01	0.0884	10
	PM02 B	µg/l	19	1	2.53	±	0.132	2.23	2.97	0.192	7.6
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	PM02 A	µg/l	4	0	-	±	-	0.036	0.287	-	-
	PM02 B	µg/l	6	1	0.182	±	0.0175	0.159	0.199	0.0143	7.8
3,5,6-Trichlor-2-Pyridinol	PM02 A	µg/l	2	0	-	±	-	0.097	0.099	-	-
	PM02 B	µg/l	6	0	0.406	±	0.183	0.179	0.627	0.149	37
Alachlor	PM02 A	µg/l	15	0	0.5	±	0.0649	0.364	0.66	0.0838	17
	PM02 B	µg/l	1	0	-	±	-	0.0043	0.0043	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	5	1	-	±	-	2.26	3.13	-	-
Alachlor-Säure (Alachlor-OA)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	7	1	0.475	±	0.0605	0.405	0.559	0.0533	11
Aldrin	PM02 A	µg/l	9	2	0.0379	±	0.00855	0.03	0.055	0.00855	23
	PM02 B	µg/l	1	0	-	±	-	0.0022	0.0022	-	-
Ampa	PM02 A	µg/l	3	0	-	±	-	0.006	0.227	-	-
	PM02 B	µg/l	11	1	0.715	±	0.159	0.4	1.04	0.175	25
Atrazin	PM02 A	µg/l	22	0	0.154	±	0.00877	0.128	0.178	0.0137	8.9
	PM02 B	µg/l	2	0	-	±	-	0.003	0.006	-	-
Atrazin-2-Hydroxy	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	7	1	1.52	±	0.174	1.27	1.73	0.153	10
Atrazin-Desethyl	PM02 A	µg/l	2	0	-	±	-	0.005	0.006	-	-
	PM02 B	µg/l	20	0	0.212	±	0.0153	0.164	0.272	0.0228	11
Atrazin-Desethyl-Desisopropyl	PM02 A	µg/l	1	0	-	±	-	0.014	0.014	-	-

Zusammenfassung der Ringversuchsergebnisse, ausreißerbereinigt: Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Parameter	Probe	Einheit	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Mittelwert	±	VB (99%)	Minimum	Maximum	sR	vR
Atrazin-Desethyl-Desisopropyl	PM02 B	µg/l	7	0	0.872	±	0.204	0.642	1.09	0.18	21
Atrazin-Desisopropyl	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	18	0	0.46	±	0.0348	0.37	0.564	0.0493	11
Azoxystrobin	PM02 A	µg/l	15	0	0.141	±	0.0175	0.095	0.182	0.0226	16
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	4	0	-	±	-	0.334	0.858	-	-
Bentazon	PM02 A	µg/l	22	0	0.091	±	0.00744	0.068	0.112	0.0116	13
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Bromacil	PM02 A	µg/l	10	1	0.164	±	0.0144	0.14	0.188	0.0152	9.3
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Chloridazon	PM02 A	µg/l	16	3	0.0873	±	0.00567	0.0693	0.102	0.00756	8.7
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Chloridazon-Desphenyl	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	12	0	3.11	±	0.194	2.75	3.43	0.225	7.2
Chloridazon-Methyl-Desphenyl	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	11	1	0.115	±	0.00942	0.095	0.134	0.0104	9
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	2	0	-	±	-	2.87	3.17	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	PM02 A	µg/l	1	0	-	±	-	0.22	0.22	-	-
	PM02 B	µg/l	4	2	-	±	-	1.76	1.93	-	-
Clopyralid	PM02 A	µg/l	8	0	0.351	±	0.0762	0.237	0.448	0.0718	20
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Clothianidin	PM02 A	µg/l	11	3	0.162	±	0.0146	0.136	0.199	0.0162	10
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Dicamba	PM02 A	µg/l	10	3	0.683	±	0.0311	0.625	0.72	0.0328	4.8
	PM02 B	µg/l	1	0	-	±	-	0.065	0.065	-	-

Zusammenfassung der Ringversuchsergebnisse, ausreißerbereinigt: Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Parameter	Probe	Einheit	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Mittelwert	±	VB (99%)	Minimum	Maximum	sR	vR
Dichlorprop	PM02 A	µg/l	20	1	0.606	±	0.0444	0.452	0.733	0.0662	11
	PM02 B	µg/l	18	3	0.222	±	0.0162	0.173	0.266	0.023	10
Dieldrin	PM02 A	µg/l	10	1	0.06	±	0.0154	0.03	0.078	0.0163	27
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Dimethachlor	PM02 A	µg/l	15	0	0.432	±	0.0351	0.369	0.51	0.0453	10
	PM02 B	µg/l	1	0	-	±	-	0.025	0.025	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	9	0	0.462	±	0.0516	0.388	0.533	0.0516	11
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	7	2	0.2	±	0.0487	0.154	0.287	0.0429	21
Dimethachlor Metabolit - CGA 369873	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	4	0	-	±	-	0.09	0.167	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	2	0	-	±	-	0.514	0.618	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	PM02 A	µg/l	1	0	-	±	-	0.412	0.412	-	-
	PM02 B	µg/l	2	0	-	±	-	0.405	0.733	-	-
Dimethenamid	PM02 A	µg/l	17	1	0.537	±	0.0315	0.486	0.634	0.0433	8.1
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	10	0	0.911	±	0.187	0.451	1.18	0.197	22
Dimethenamid-Säure (Dimethenamid-OA)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	6	1	0.371	±	0.0703	0.269	0.434	0.0574	15
Diuron	PM02 A	µg/l	21	1	0.295	±	0.0188	0.234	0.332	0.0287	9.7

Zusammenfassung der Ringversuchsergebnisse, ausreißerbereinigt: Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Parameter	Probe	Einheit	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Mittelwert	±	VB (99%)	Minimum	Maximum	sR	vR
Diuron	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Ethofumesat	PM02 A	µg/l	13	2	0.153	±	0.0132	0.127	0.179	0.0159	10
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Flufenacet	PM02 A	µg/l	15	1	0.43	±	0.0434	0.332	0.55	0.056	13
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	6	1	0.8	±	0.215	0.501	0.983	0.176	22
Flufenacet-Säure (Flufenacet OA)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	7	0	0.191	±	0.0874	0.039	0.275	0.0771	40
Glufosinat	PM02 A	µg/l	7	1	0.148	±	0.0493	0.088	0.215	0.0434	29
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Glyphosat	PM02 A	µg/l	12	1	0.366	±	0.0555	0.27	0.441	0.0641	18
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Heptachlor	PM02 A	µg/l	10	0	0.0486	±	0.0266	0.01	0.0864	0.0281	58
	PM02 B	µg/l	1	0	-	±	-	0.0015	0.0015	-	-
Heptachlorepoxid	PM02 A	µg/l	2	0	-	±	-	0.018	0.037	-	-
	PM02 B	µg/l	7	2	0.185	±	0.0222	0.148	0.209	0.0196	11
Hexazinon	PM02 A	µg/l	16	1	0.22	±	0.0201	0.174	0.28	0.0268	12
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Imidacloprid	PM02 A	µg/l	14	0	0.307	±	0.0287	0.248	0.366	0.0358	12
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Iodosulfuron-Methyl	PM02 A	µg/l	11	1	0.405	±	0.0469	0.347	0.485	0.0518	13
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Isoproturon	PM02 A	µg/l	21	1	0.301	±	0.0199	0.249	0.358	0.0303	10
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Isoproturon-Desmethyl	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	7	0	0.147	±	0.0118	0.131	0.16	0.0104	7.1
MCPA	PM02 A	µg/l	20	3	0.237	±	0.0108	0.205	0.272	0.0161	6.8

Zusammenfassung der Ringversuchsergebnisse, ausreißerbereinigt: Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Parameter	Probe	Einheit	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Mittelwert	±	VB (99%)	Minimum	Maximum	sR	vR
MCPA	PM02 B	µg/l	1	0	-	±	-	0.022	0.022	-	-
MCPB	PM02 A	µg/l	1	0	-	±	-	0.0217	0.0217	-	-
	PM02 B	µg/l	15	1	0.485	±	0.039	0.373	0.581	0.0503	10
MCPP (Mecoprop)	PM02 A	µg/l	22	0	0.118	±	0.00973	0.091	0.15	0.0152	13
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Mesosulfuron-Methyl	PM02 A	µg/l	8	1	0.228	±	0.0255	0.192	0.261	0.0241	11
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Metalaxyl	PM02 A	µg/l	16	0	0.533	±	0.0393	0.451	0.634	0.0524	9.8
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Metamitron	PM02 A	µg/l	18	2	0.51	±	0.0476	0.43	0.666	0.0673	13
	PM02 B	µg/l	19	0	0.157	±	0.0156	0.123	0.211	0.0227	14
Metazachlor	PM02 A	µg/l	17	4	0.26	±	0.00676	0.241	0.274	0.0093	3.6
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	13	0	2.77	±	0.367	2.08	3.26	0.441	16
Metazachlor-Säure (Metazachlor OA)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	12	1	1.32	±	0.202	0.875	1.64	0.233	18
Metolachlor	PM02 A	µg/l	22	0	0.403	±	0.0313	0.282	0.5	0.0489	12
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Metribuzin	PM02 A	µg/l	15	2	0.0895	±	0.00875	0.064	0.11	0.0113	13
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Metribuzin-Desamino	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	7	1	0.256	±	0.0346	0.206	0.298	0.0305	12
Metsulfuron-Methyl	PM02 A	µg/l	10	1	0.254	±	0.0343	0.197	0.32	0.0362	14
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
N,N-Dimethylsulfamid (DMS)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	8	0	1.07	±	0.217	0.749	1.44	0.205	19

Zusammenfassung der Ringversuchsergebnisse, ausreißerbereinigt: Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Parameter	Probe	Einheit	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Mittelwert	±	VB (99%)	Minimum	Maximum	sR	vR
Nicosulfuron	PM02 A	µg/l	14	3	0.919	±	0.222	0.398	1.46	0.276	30
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Pethoxamid	PM02 A	µg/l	9	2	0.176	±	0.0111	0.159	0.198	0.0111	6.3
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Propazin	PM02 A	µg/l	16	1	0.49	±	0.0258	0.419	0.536	0.0344	7
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Propazin-2-Hydroxy	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	6	0	0.205	±	0.0224	0.186	0.23	0.0183	8.9
Propiconazol	PM02 A	µg/l	16	0	0.152	±	0.0146	0.125	0.191	0.0194	13
	PM02 B	µg/l	16	0	0.363	±	0.0362	0.289	0.446	0.0482	13
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	PM02 A	µg/l	1	0	-	±	-	0.001	0.001	-	-
	PM02 B	µg/l	15	0	2.75	±	0.245	2.15	3.41	0.317	12
s-Metolachlor-Säure (Metolachlor OA)	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	13	0	1.09	±	0.142	0.814	1.48	0.171	16
s-Metolachlor Metabolit CGA 368208	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	3	0	-	±	-	0.333	0.394	-	-
s-Metolachlor Metabolit NOA 413173	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	3	2	-	±	-	0.377	0.386	-	-
Simazin	PM02 A	µg/l	18	3	0.123	±	0.00681	0.105	0.145	0.00963	7.9
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Terbuthylazin	PM02 A	µg/l	22	0	0.254	±	0.0165	0.205	0.292	0.0258	10
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Terbuthylazin-2-Hydroxy	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	7	0	0.204	±	0.0276	0.158	0.229	0.0244	12
Terbuthylazin-2-Hydroxy-Desethyl	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	6	0	0.122	±	0.0256	0.103	0.157	0.0209	17
Terbuthylazin-Desethyl	PM02 A	µg/l	2	0	-	±	-	0.001	0.616	-	-

Zusammenfassung der Ringversuchsergebnisse, ausreißerbereinigt: Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Parameter	Probe	Einheit	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Mittelwert	±	VB (99%)	Minimum	Maximum	sR	vR
Terbuthylazin-Desethyl	PM02 B	µg/l	16	2	0.504	±	0.0313	0.446	0.586	0.0417	8.3
Thiacloprid	PM02 A	µg/l	13	2	0.295	±	0.0181	0.273	0.334	0.0217	7.4
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Thiamethoxam	PM02 A	µg/l	0	0	-	±	-	-	-	-	-
	PM02 B	µg/l	13	2	0.128	±	0.0118	0.107	0.153	0.0141	11
Thifensulfuron-Methyl	PM02 A	µg/l	13	2	0.765	±	0.0774	0.614	0.949	0.0931	12
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Tolylfluanid	PM02 A	µg/l	1	0	-	±	-	0.445	0.445	-	-
	PM02 B	µg/l	1	0	-	±	-	0.414	0.414	-	-
Tribenuron-Methyl	PM02 A	µg/l	10	2	0.154	±	0.0906	0.05	0.323	0.0955	62
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Triclopyr	PM02 A	µg/l	10	1	0.48	±	0.0503	0.412	0.596	0.0531	11
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Triflusulfuron-Methyl	PM02 A	µg/l	10	0	0.407	±	0.143	0.119	0.691	0.15	37
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-
Tritosulfuron	PM02 A	µg/l	5	1	-	±	-	0.489	0.692	-	-
	PM02 B	µg/l	0	0	-	±	-	-	-	-	-

7 Parameterorientierte Auswertung

Parameter oriented report

PM02 A

2,4-D (2,4-Dichlorphenoxyaceticacid)

Unit	µg/l
Mean ± CI (99%)	0.303 ± 0.022
Minimum - Maximum	0.233 - 0.36
Control test value ± U	0.32 ± 0.048

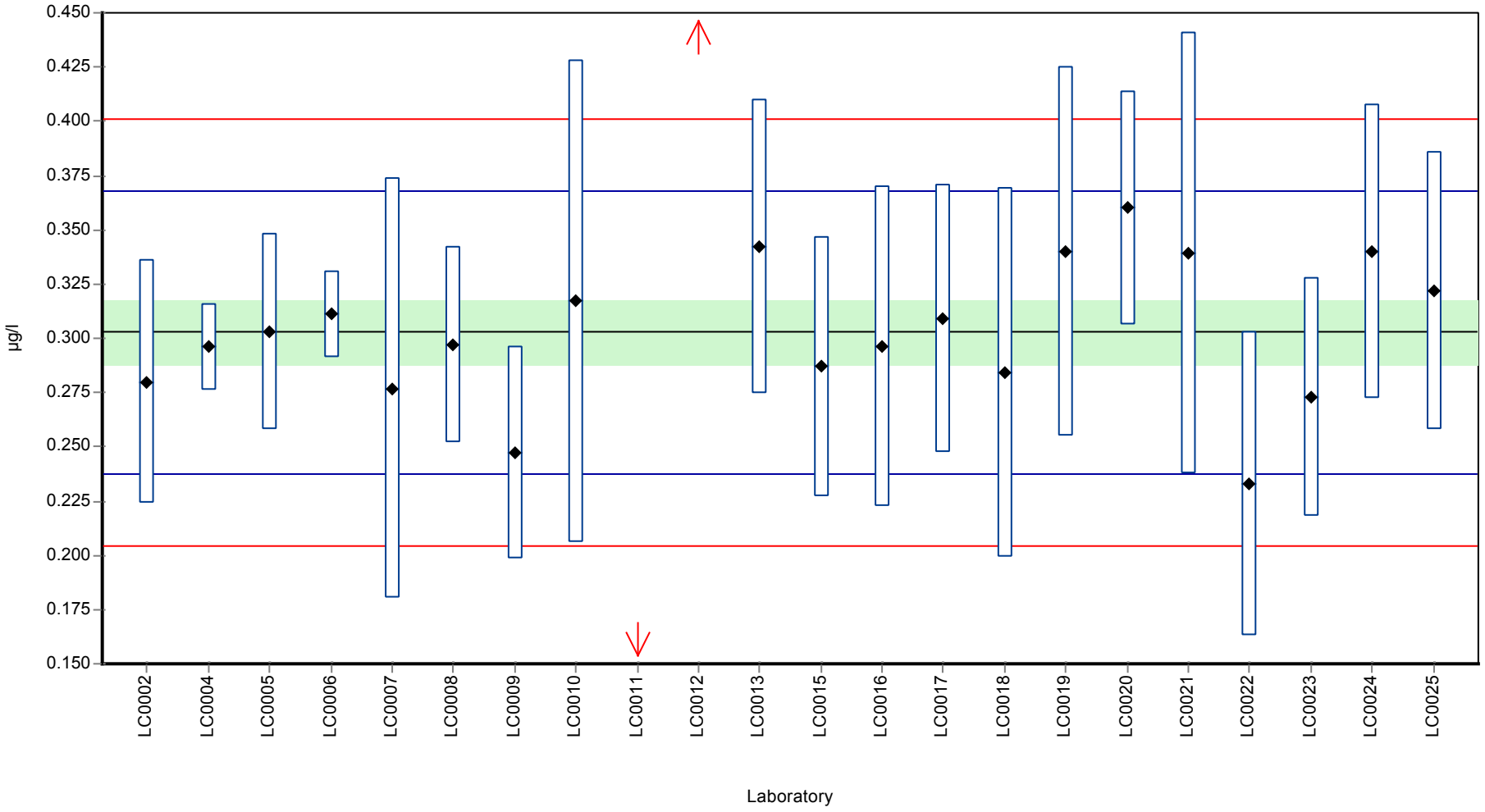
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.28	0.056	92.5	-0.69	
LC0003	-	-	-	-	
LC0004	0.296	0.02	97.8	-0.2	
LC0005	0.303	0.0454	100	0.01	
LC0006	0.311	0.02	103	0.26	
LC0007	0.277	0.097	91.5	-0.78	
LC0008	0.297	0.045	98.1	-0.17	
LC0009	0.247	0.049	81.6	-1.7	
LC0010	0.317	0.111	105	0.44	
LC0011	0.107	0.064	35.4	-5.98	H
LC0012	1.29	0.097	426	30.2	H
LC0013	0.342	0.068	113	1.2	
LC0014	-	-	-	-	
LC0015	0.287	0.06	94.8	-0.48	
LC0016	0.296	0.074	97.8	-0.2	
LC0017	0.309	0.062	102	0.19	
LC0018	0.284	0.085	93.8	-0.57	
LC0019	0.34	0.085	112	1.14	
LC0020	0.36	0.054	119	1.75	
LC0021	0.339	0.1017	112	1.11	
LC0022	0.233	0.0699	77	-2.13	
LC0023	0.273	0.055	90.2	-0.91	
LC0024	0.34	0.068	112	1.14	
LC0025	0.322	0.064	106	0.59	
LC0026	-	-	-	-	

Characteristics of parameter

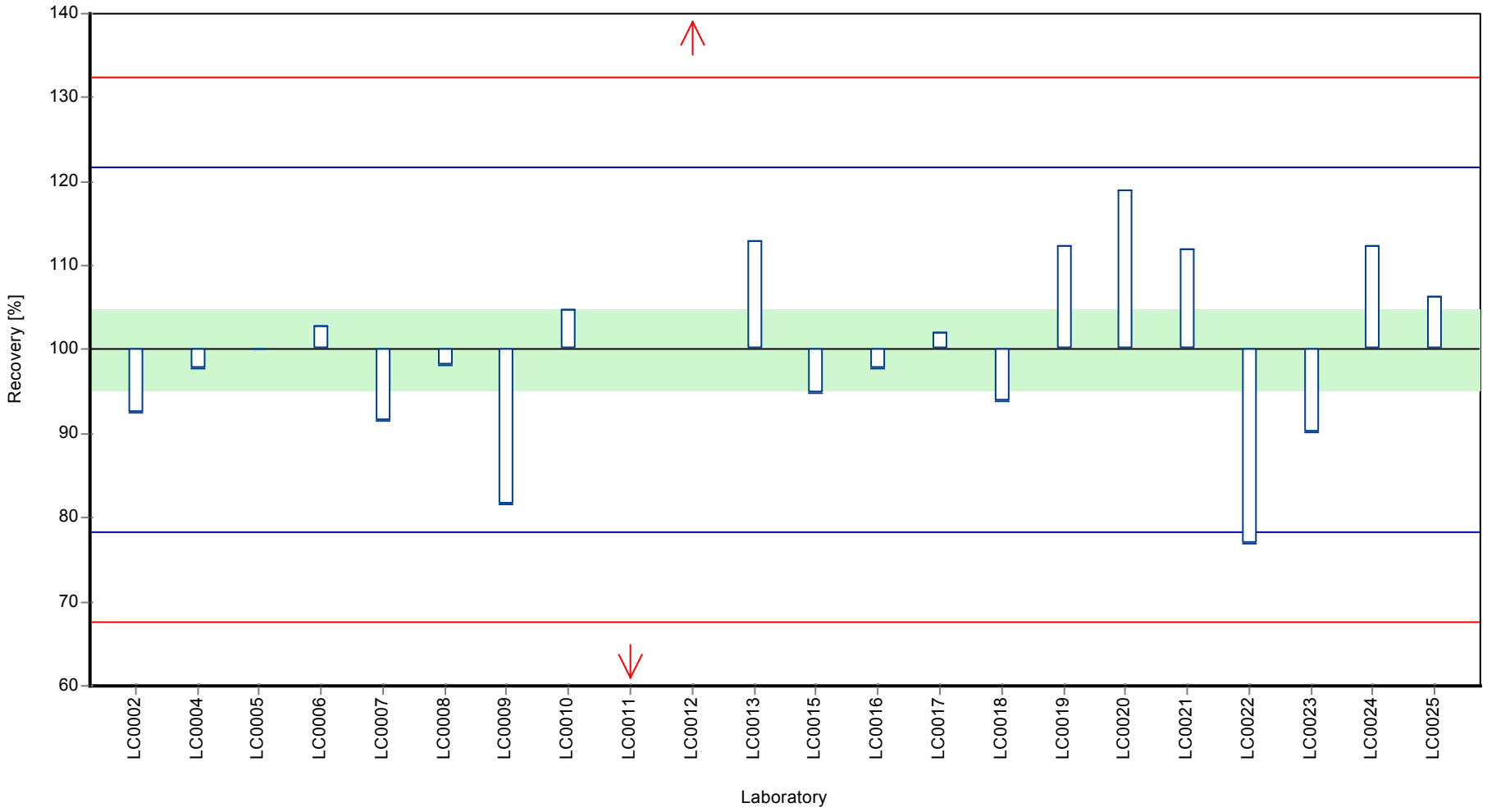
	all results	without outliers	Unit
Mean ± CI (99%)	0.339 ± 0.14	0.303 ± 0.022	µg/l
Minimum	0.107	0.233	µg/l
Maximum	1.29	0.36	µg/l
Standard deviation	0.219	0.0327	µg/l
rel. Standard deviation	64.6	10.8	%
n	22	20	-

Graphical presentation of results

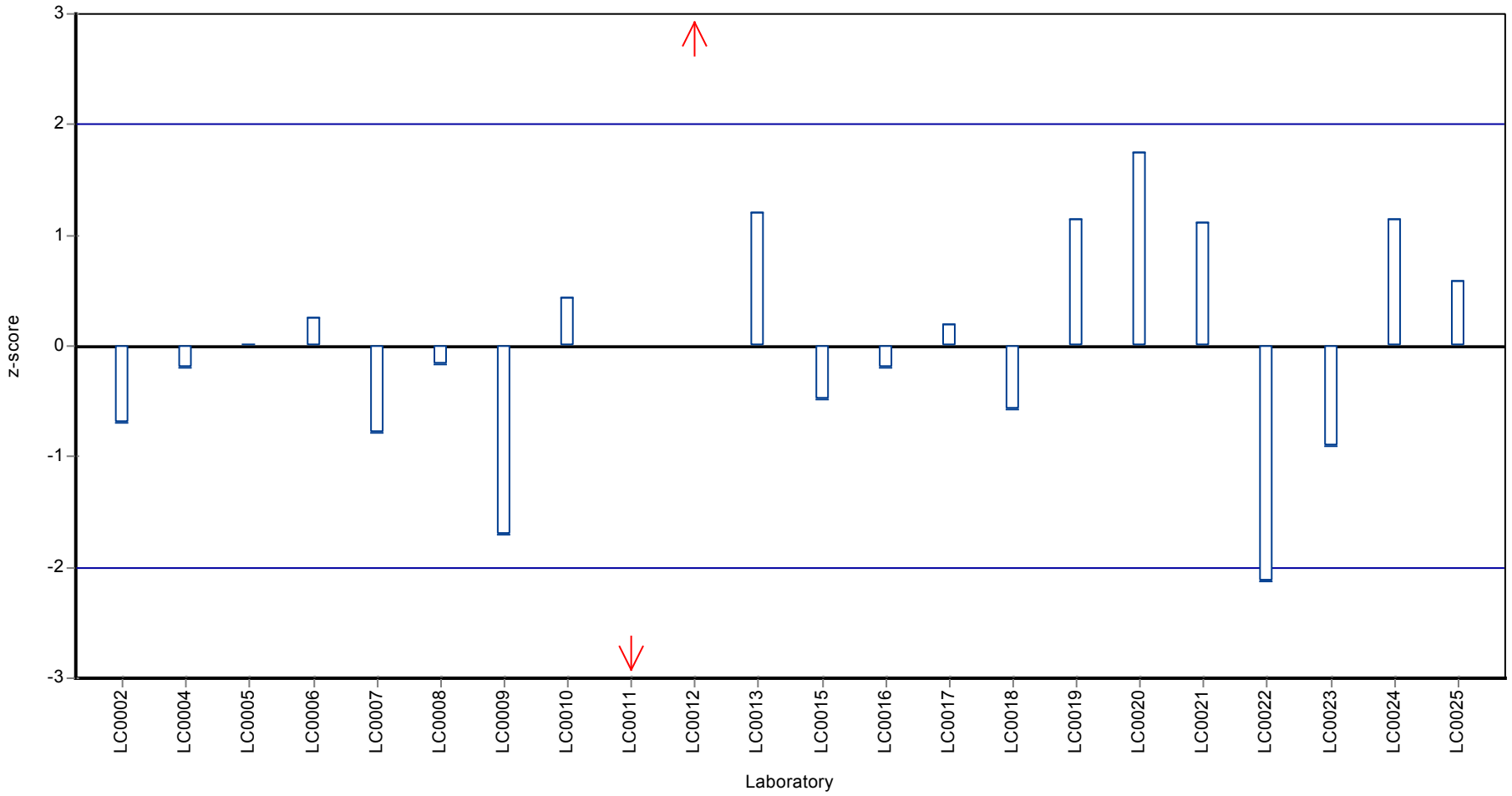
Results



Recovery rate



Z-score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LC0002
LC0004
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LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 B

2,4-D (2,4-Dichlorphenoxyaceticacid)

Unit	µg/l
Mean ± CI (99%)	0.191 ± 0.0152
Minimum - Maximum	0.156 - 0.253
Control test value ± U	0.199 ± 0.0299

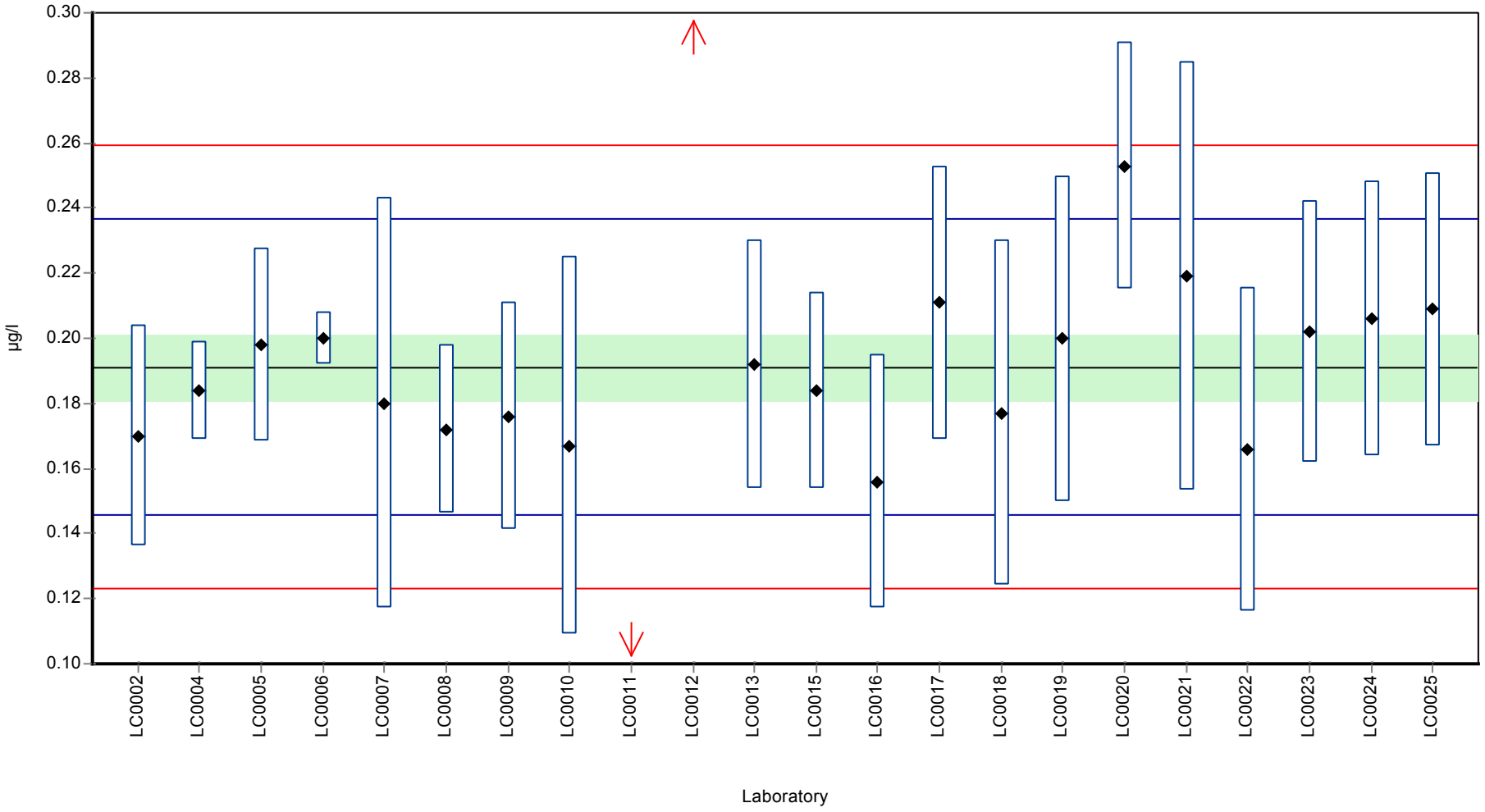
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.17	0.034	89	-0.93	
LC0003	-	-	-	-	
LC0004	0.184	0.015	96.3	-0.31	
LC0005	0.198	0.0297	104	0.3	
LC0006	0.2	0.008	105	0.39	
LC0007	0.18	0.063	94.2	-0.49	
LC0008	0.172	0.026	90	-0.84	
LC0009	0.176	0.035	92.1	-0.67	
LC0010	0.167	0.058	87.4	-1.06	
LC0011	0.065	0.039	34	-5.56	H
LC0012	0.8	0.023	419	26.8	H
LC0013	0.192	0.038	100	0.04	
LC0014	-	-	-	-	
LC0015	0.184	0.03	96.3	-0.31	
LC0016	0.156	0.039	81.6	-1.55	
LC0017	0.211	0.042	110	0.88	
LC0018	0.177	0.053	92.6	-0.62	
LC0019	0.2	0.05	105	0.39	
LC0020	0.253	0.03795	132	2.73	
LC0021	0.219	0.0657	115	1.23	
LC0022	0.166	0.0498	86.9	-1.11	
LC0023	0.202	0.04	106	0.48	
LC0024	0.206	0.042	108	0.66	
LC0025	0.209	0.042	109	0.79	
LC0026	-	-	-	-	

Characteristics of parameter

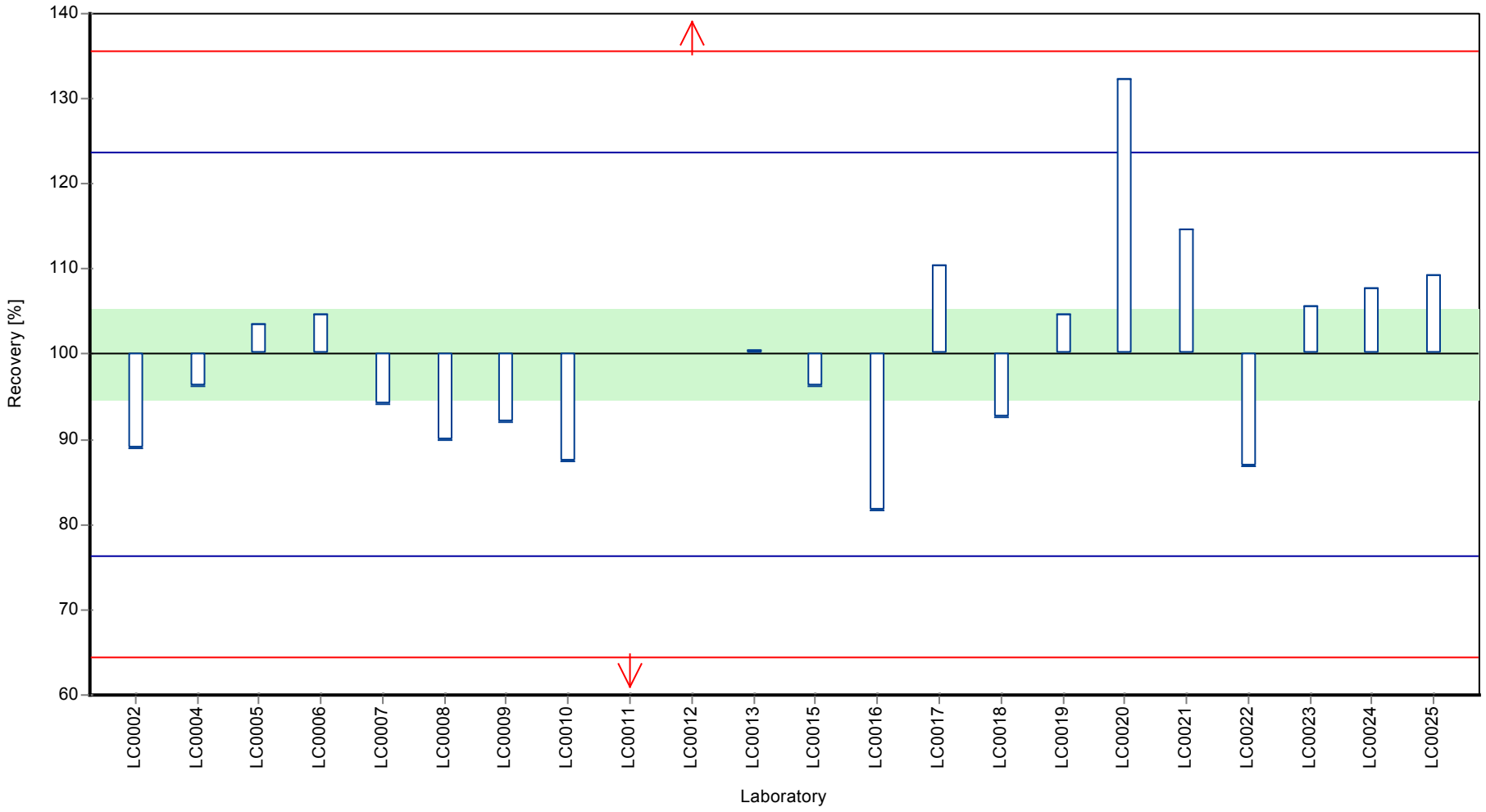
	all results	without outliers	Unit
Mean ± CI (99%)	0.213 ± 0.0867	0.191 ± 0.0152	µg/l
Minimum	0.065	0.156	µg/l
Maximum	0.8	0.253	µg/l
Standard deviation	0.136	0.0227	µg/l
rel. Standard deviation	63.6	11.9	%
n	22	20	-

Graphical presentation of results

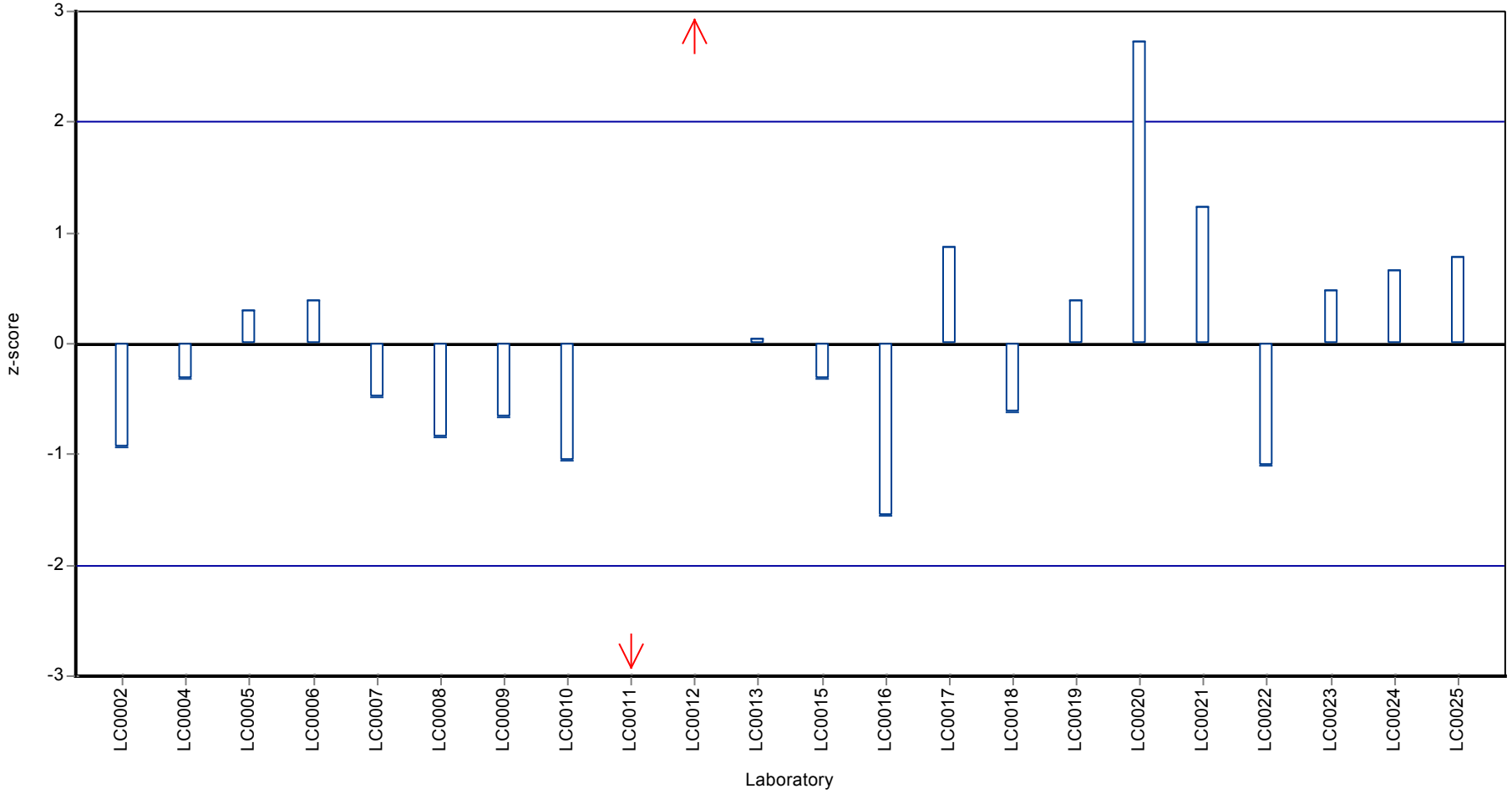
Results



Recovery rate



Z-score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LC0002
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LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 A

2,6-Dichlorobenzamide

Unit	µg/l
Mean ± CI (99%)	0.883 ± 0.0593
Minimum - Maximum	0.707 - 1.01
Control test value ± U	1.04 ± 0.156

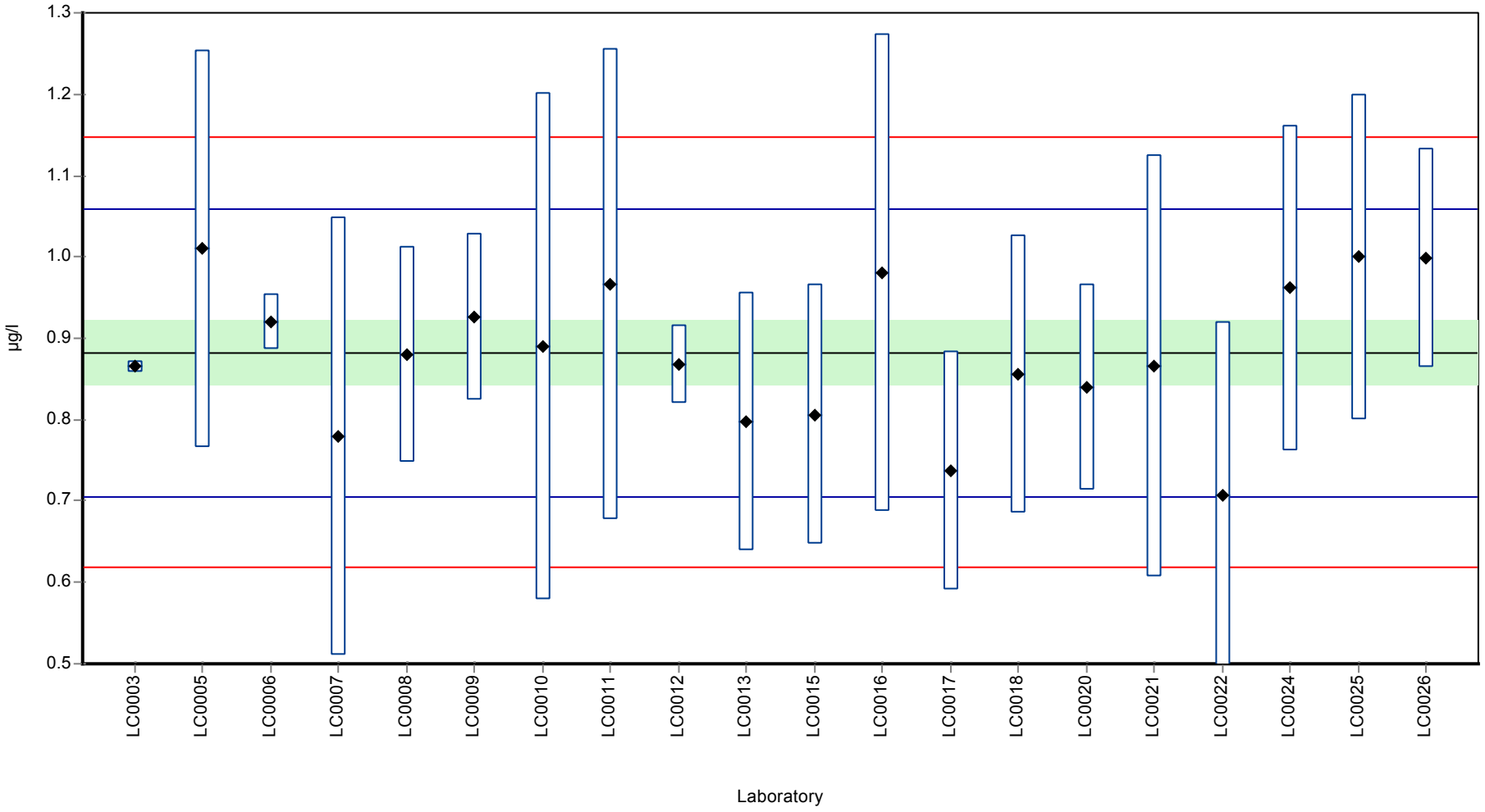
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.865	0.007	98	-0.2	
LC0004	-	-	-	-	
LC0005	1.01	0.244	114	1.44	
LC0006	0.92	0.034	104	0.42	
LC0007	0.78	0.269	88.4	-1.16	
LC0008	0.88	0.132	99.7	-0.03	
LC0009	0.926	0.102	105	0.49	
LC0010	0.89	0.312	101	0.08	
LC0011	0.9665	0.29	109	0.95	
LC0012	0.868	0.048	98.3	-0.17	
LC0013	0.798	0.159	90.4	-0.96	
LC0014	-	-	-	-	
LC0015	0.806	0.16	91.3	-0.87	
LC0016	0.98	0.294	111	1.1	
LC0017	0.737	0.147	83.5	-1.65	
LC0018	0.856	0.171	97	-0.3	
LC0019	-	-	-	-	
LC0020	0.84	0.126	95.2	-0.48	
LC0021	0.866	0.2598	98.1	-0.19	
LC0022	0.707	0.2121	80.1	-1.99	
LC0023	-	-	-	-	
LC0024	0.962	0.2	109	0.9	
LC0025	1	0.2	113	1.33	
LC0026	0.998	0.135	113	1.3	

Characteristics of parameter

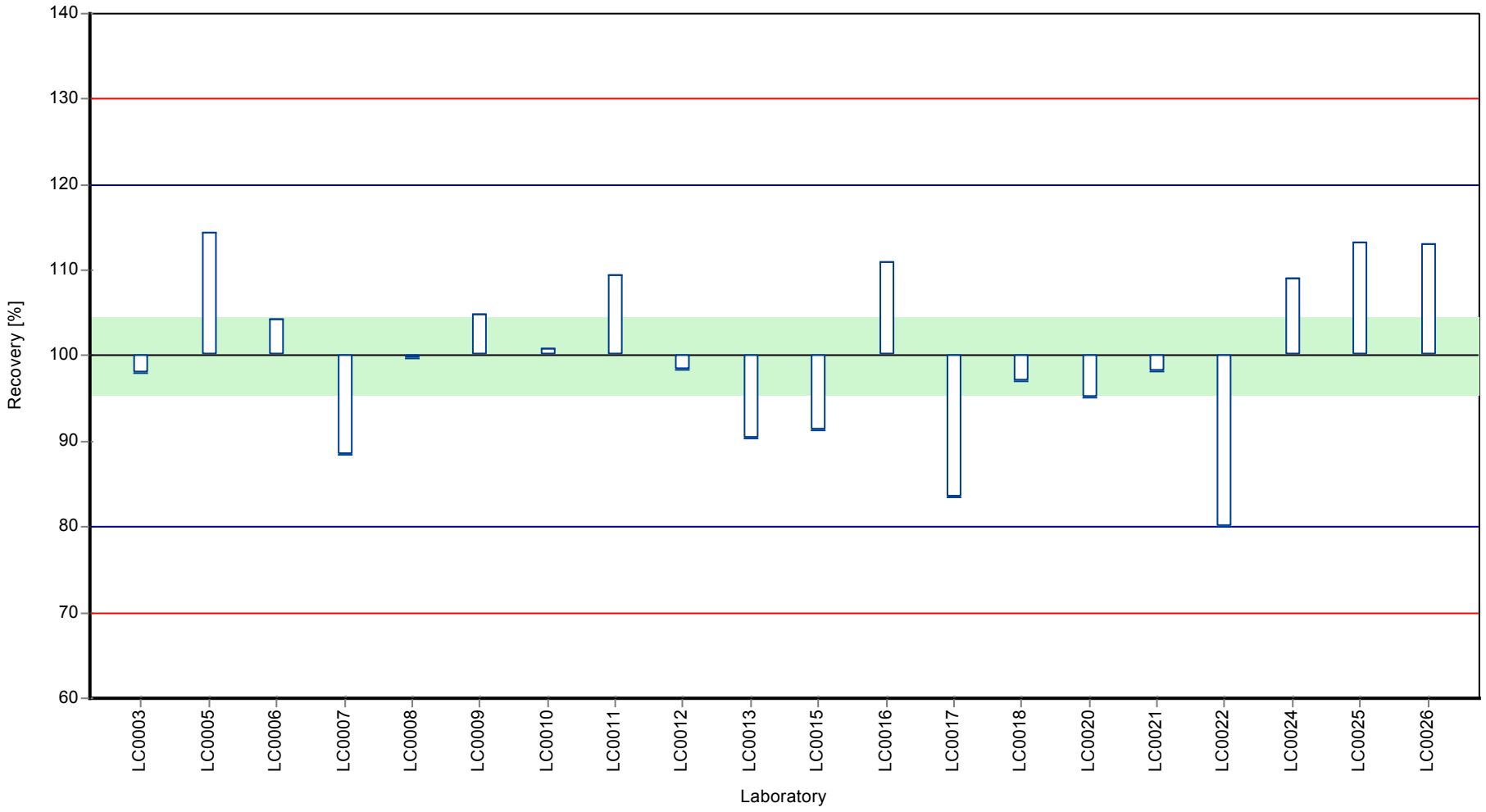
	all results	without outliers	Unit
Mean ± CI (99%)	0.883 ± 0.0593	0.883 ± 0.0593	µg/l
Minimum	0.707	0.707	µg/l
Maximum	1.01	1.01	µg/l
Standard deviation	0.0884	0.0884	µg/l
rel. Standard deviation	10	10	%
n	20	20	-

Graphical presentation of results

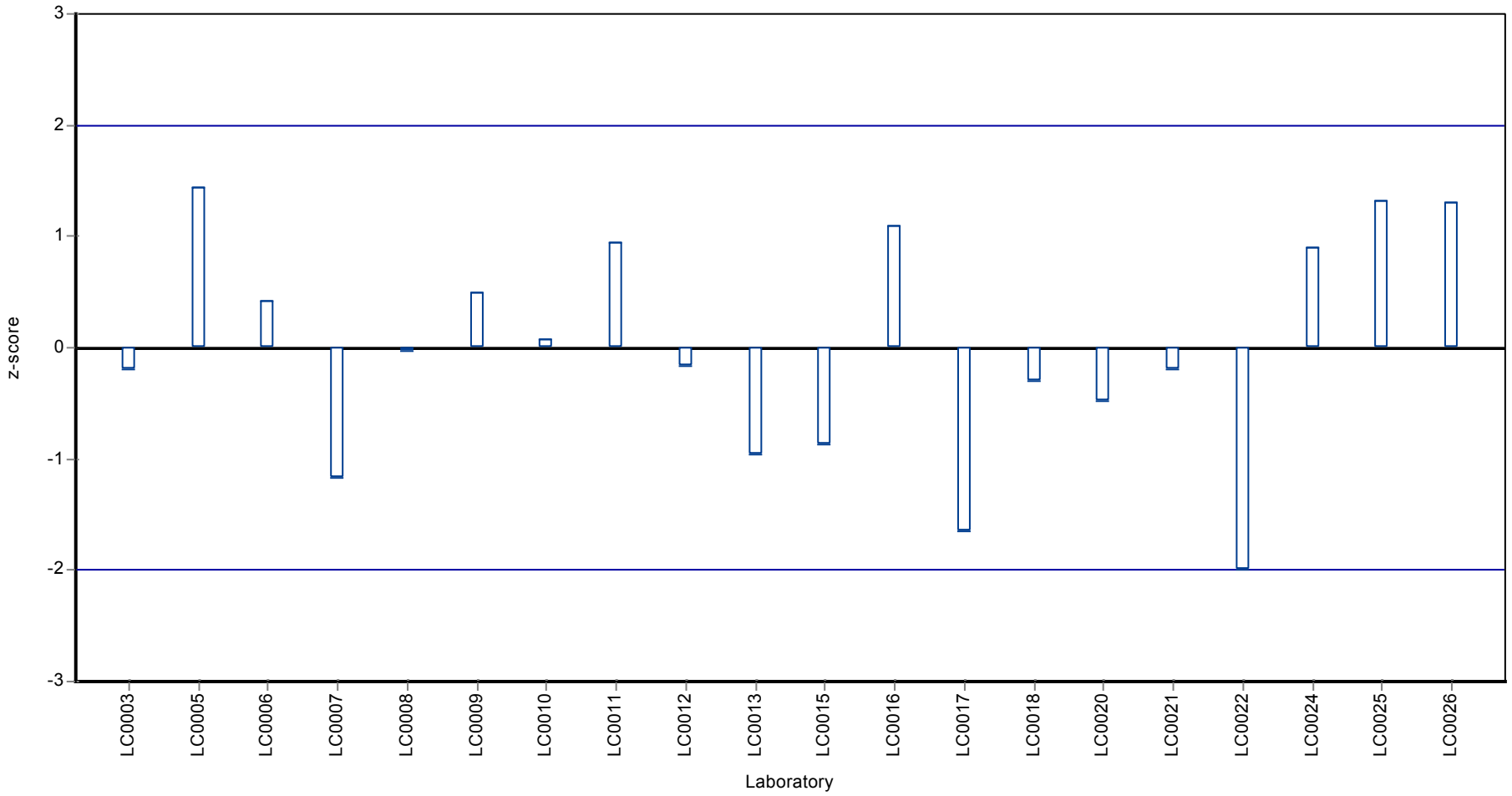
Results



Recovery rate



Z-score


3
2
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-1
-2
-3
z-score
LC0003
LC0005
LC0006
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0020
LC0021
LC0022
LC0024
LC0025
LC0026
Laboratory

Parameter oriented report

PM02 B

2,6-Dichlorobenzamide

Unit	µg/l
Mean ± CI (99%)	2.53 ± 0.132
Minimum - Maximum	2.23 - 2.97
Control test value ± U	2.92 ± 0.438

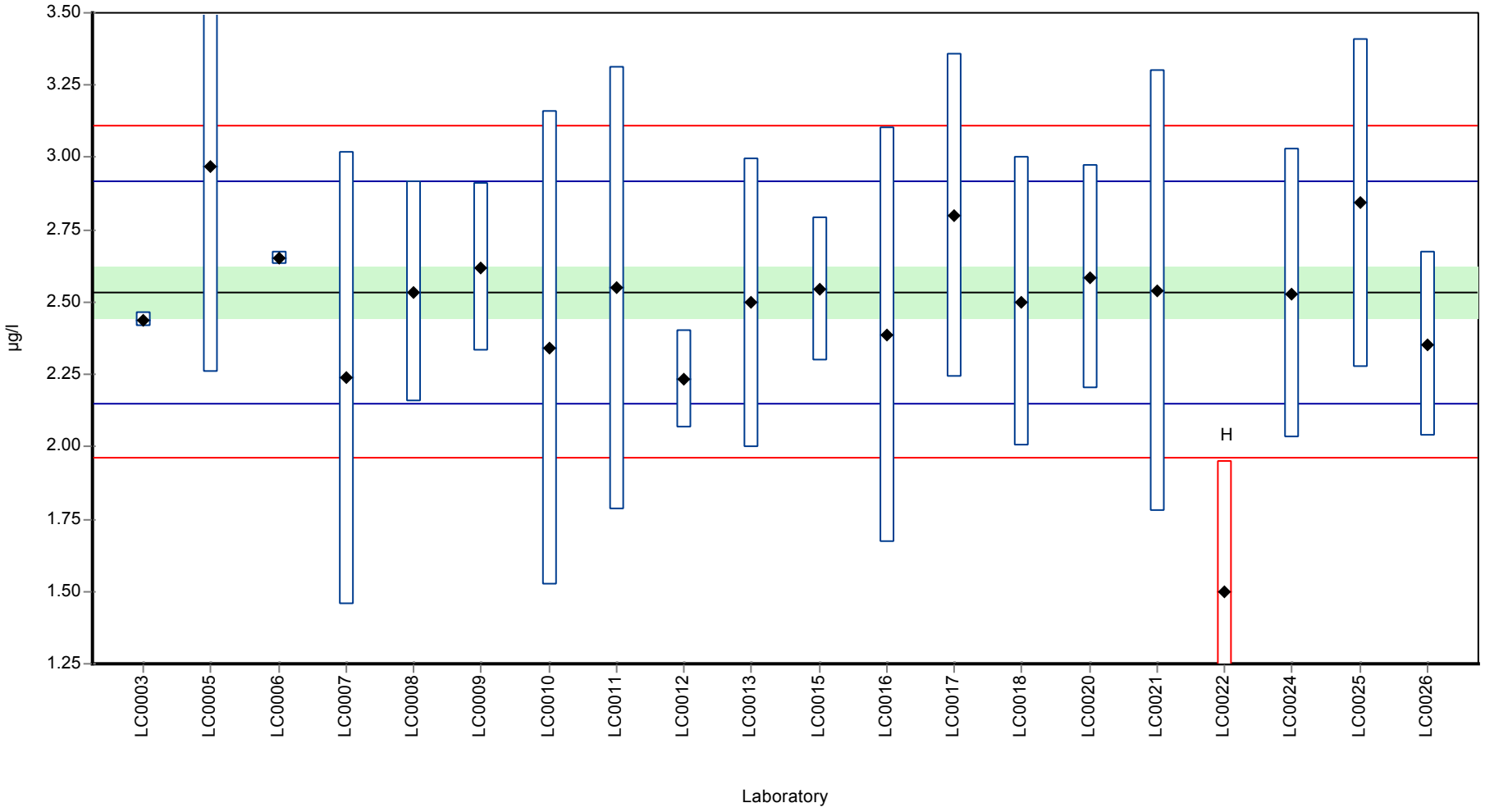
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	2.44	0.023	96.3	-0.49	
LC0004	-	-	-	-	
LC0005	2.97	0.712	117	2.27	
LC0006	2.652	0.021	105	0.61	
LC0007	2.237	0.781	88.3	-1.55	
LC0008	2.536	0.38	100	0.01	
LC0009	2.62	0.29	103	0.45	
LC0010	2.34	0.819	92.3	-1.02	
LC0011	2.548	0.7644	101	0.07	
LC0012	2.235	0.17	88.2	-1.56	
LC0013	2.497	0.499	98.5	-0.2	
LC0014	-	-	-	-	
LC0015	2.544	0.25	100	0.05	
LC0016	2.386	0.716	94.1	-0.78	
LC0017	2.8	0.56	110	1.38	
LC0018	2.502	0.5	98.7	-0.17	
LC0019	-	-	-	-	
LC0020	2.585	0.38775	102	0.26	
LC0021	2.54	0.762	100	0.03	
LC0022	1.5	0.45	59.2	-5.4	H
LC0023	-	-	-	-	
LC0024	2.53	0.5	99.8	-0.02	
LC0025	2.843	0.569	112	1.61	
LC0026	2.355	0.318	92.9	-0.94	

Characteristics of parameter

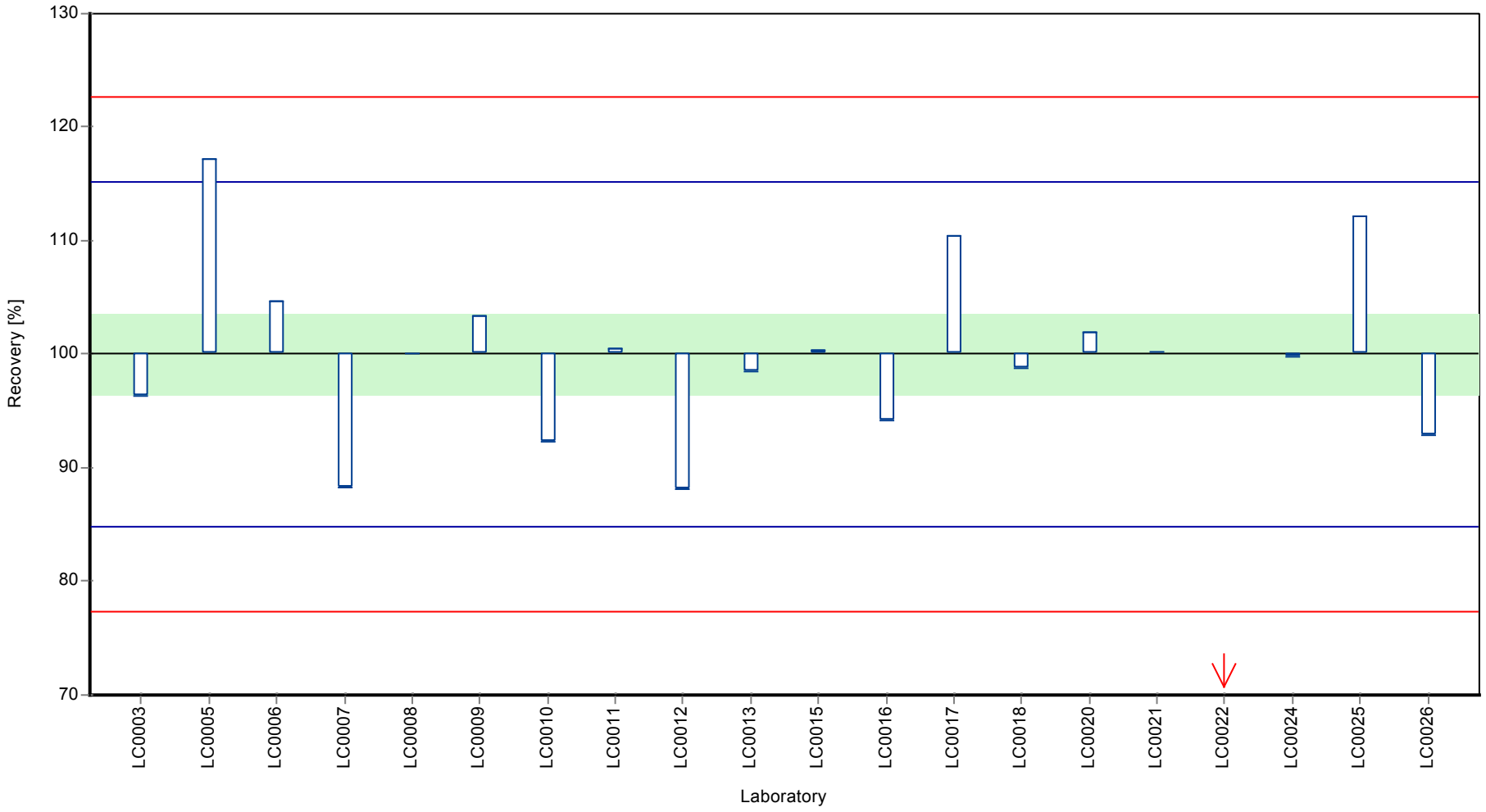
	all results	without outliers	Unit
Mean ± CI (99%)	2.48 ± 0.199	2.53 ± 0.132	µg/l
Minimum	1.5	2.23	µg/l
Maximum	2.97	2.97	µg/l
Standard deviation	0.297	0.192	µg/l
rel. Standard deviation	12	7.56	%
n	20	19	-

Graphical presentation of results

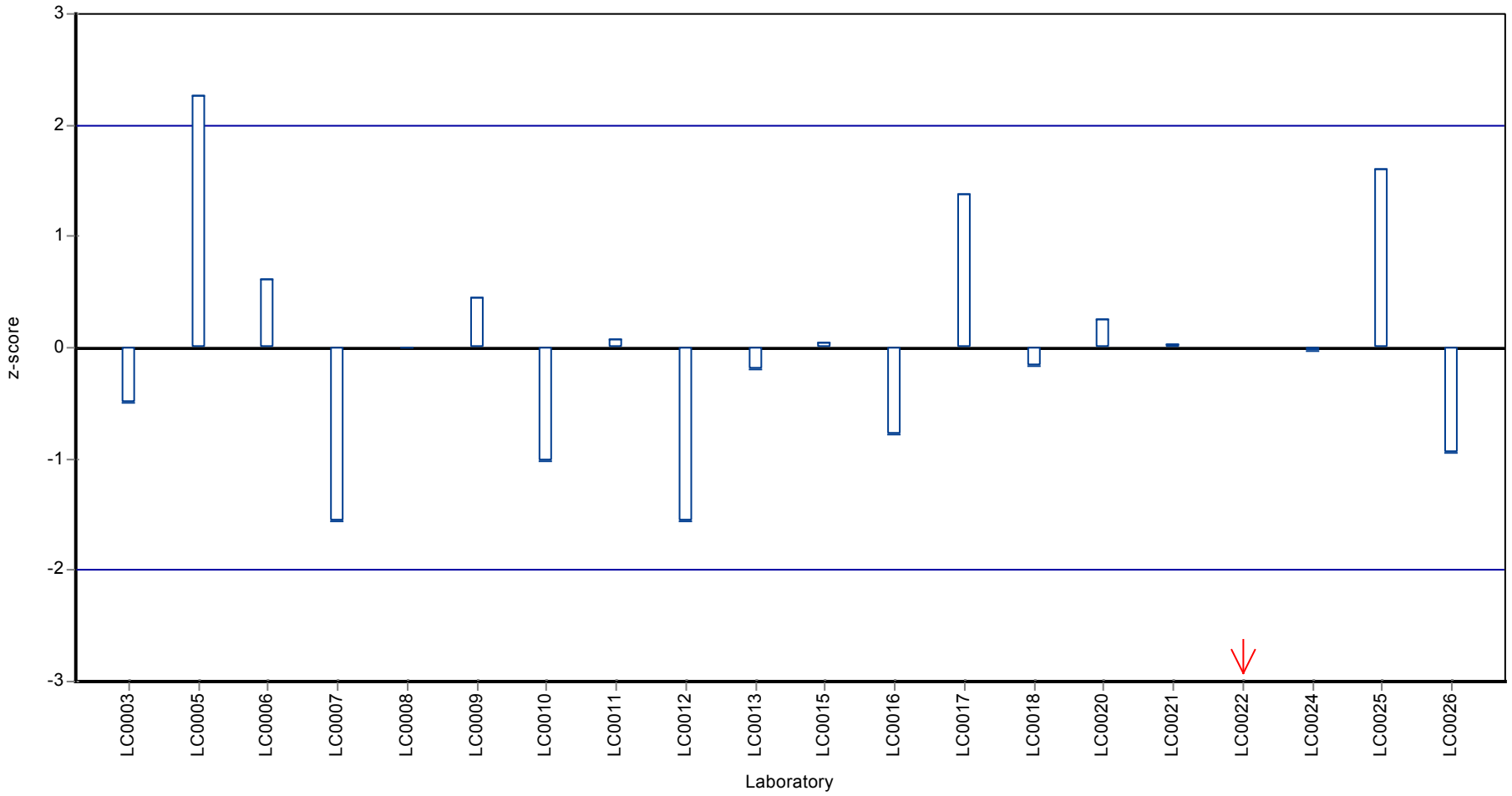
Results



Recovery rate



Z-score


3
2
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-1
-2
-3
z-score
LC0003
LC0005
LC0006
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0020
LC0021
LC0022
LC0024
LC0025
LC0026
Laboratory

Parameter oriented report

PM02 A

2-Amino-4-methoxy-6-methyl-1,3,5-triazine

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.036 - 0.287
Control test value ± U	<0.05 (LOQ)

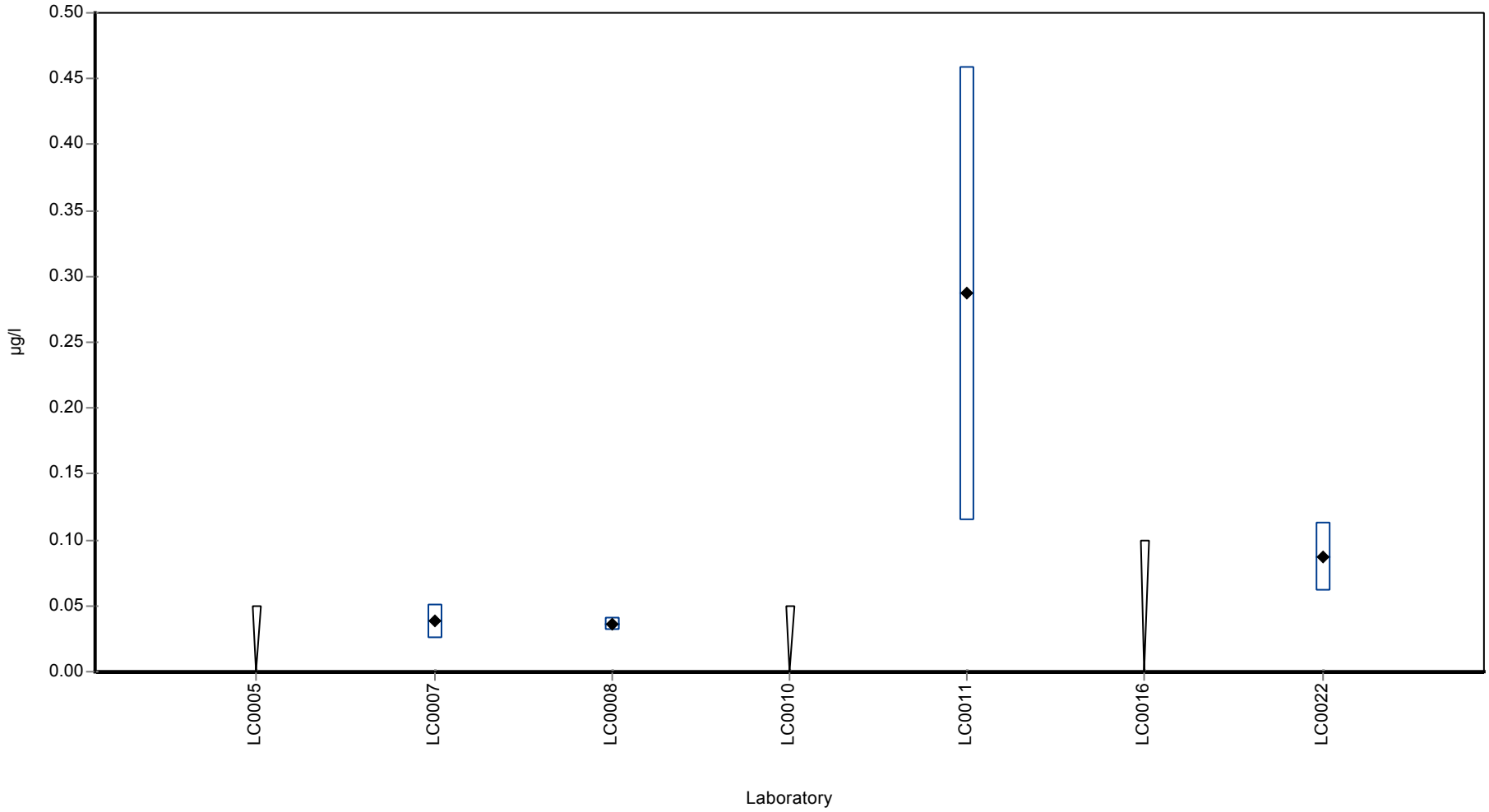
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	0.038	0.013	-	-	
LC0008	0.036	0.005	-	-	
LC0009	-	-	-	-	
LC0010	< 0.05 (LOQ)	-	-	-	
LC0011	0.287	0.172	-	-	FP
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.087	0.0261	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.112 ± 0.179	-	µg/l
Minimum	0.036	0.036	µg/l
Maximum	0.287	0.287	µg/l
Standard deviation	0.119	-	µg/l
rel. Standard deviation	106	-	%
n	4	4	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

2-Amino-4-methoxy-6-methyl-1,3,5-triazine

Unit	µg/l
Mean ± CI (99%)	0.182 ± 0.0175
Minimum - Maximum	0.159 - 0.199
Control test value ± U	0.17 ± 0.0255

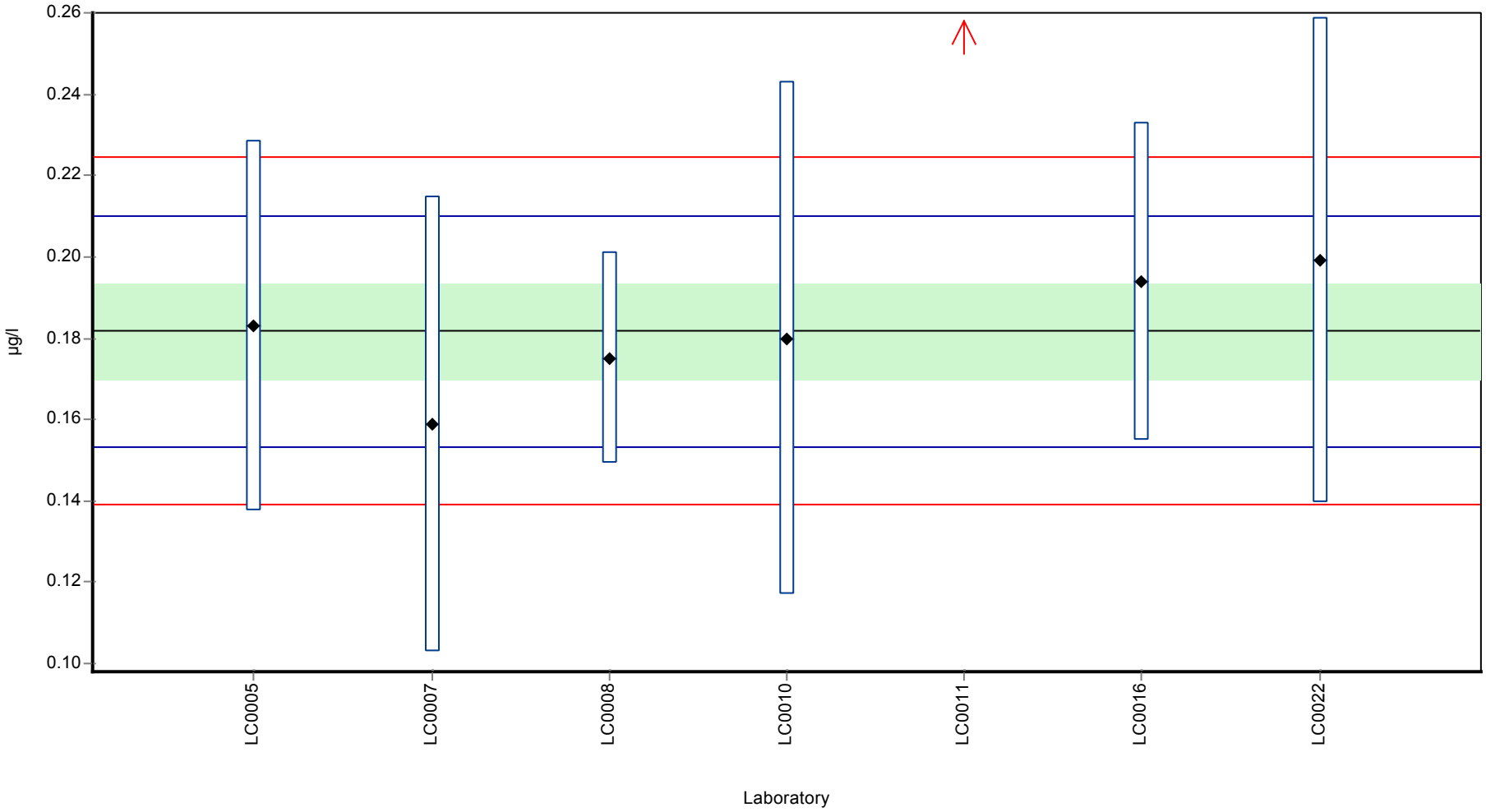
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.183	0.0457	101	0.09	
LC0006	-	-	-	-	
LC0007	0.159	0.056	87.5	-1.59	
LC0008	0.175	0.026	96.3	-0.47	
LC0009	-	-	-	-	
LC0010	0.18	0.063	99.1	-0.12	
LC0011	1.634	0.98	899	102	H
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.194	0.039	107	0.86	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.199	0.0597	110	1.22	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.389 ± 0.623	0.182 ± 0.0175	µg/l
Minimum	0.159	0.159	µg/l
Maximum	1.63	0.199	µg/l
Standard deviation	0.549	0.0143	µg/l
rel. Standard deviation	141	7.84	%
n	7	6	-

Graphical presentation of results

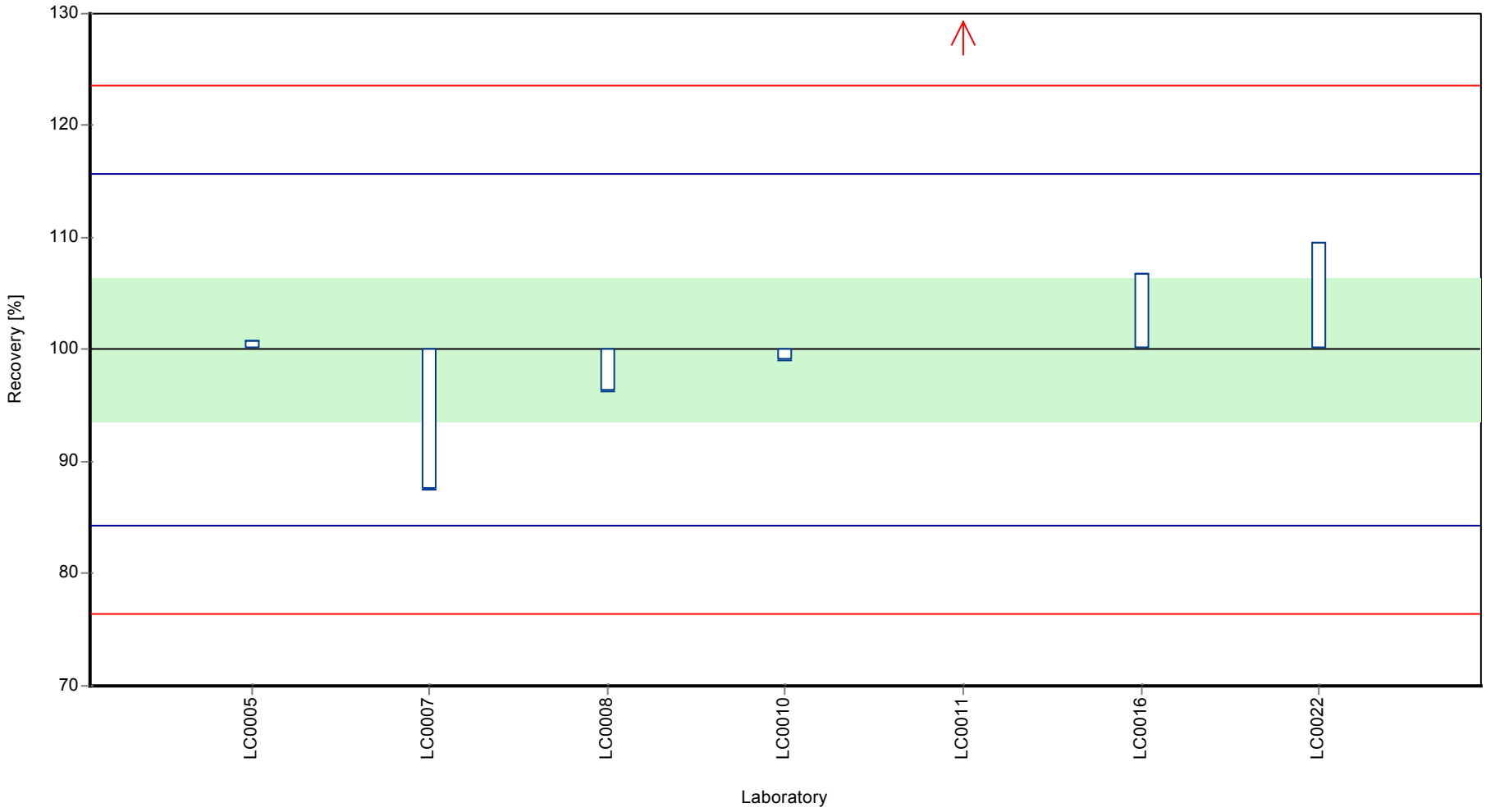
Results



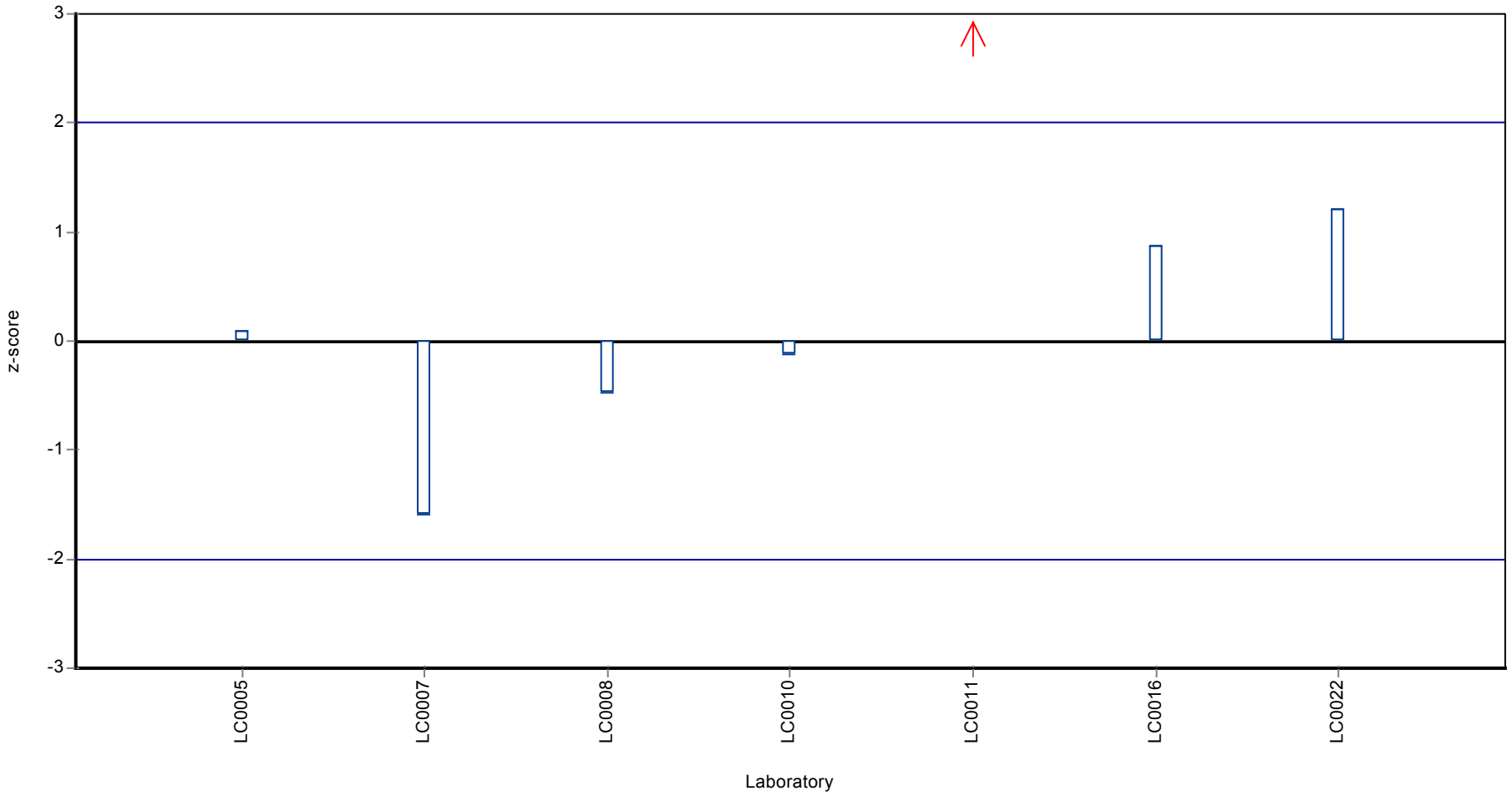
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: 2-Amino-4-methoxy-6-methyl-1,3,5-triazine

Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0010
LC0011
LC0016
LC0022
Laboratory

Parameter oriented report

PM02 A

3,5,6-Trichloro-2-pyridinol

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.097 - 0.099
Control test value ± U	<0.025 (LOD)

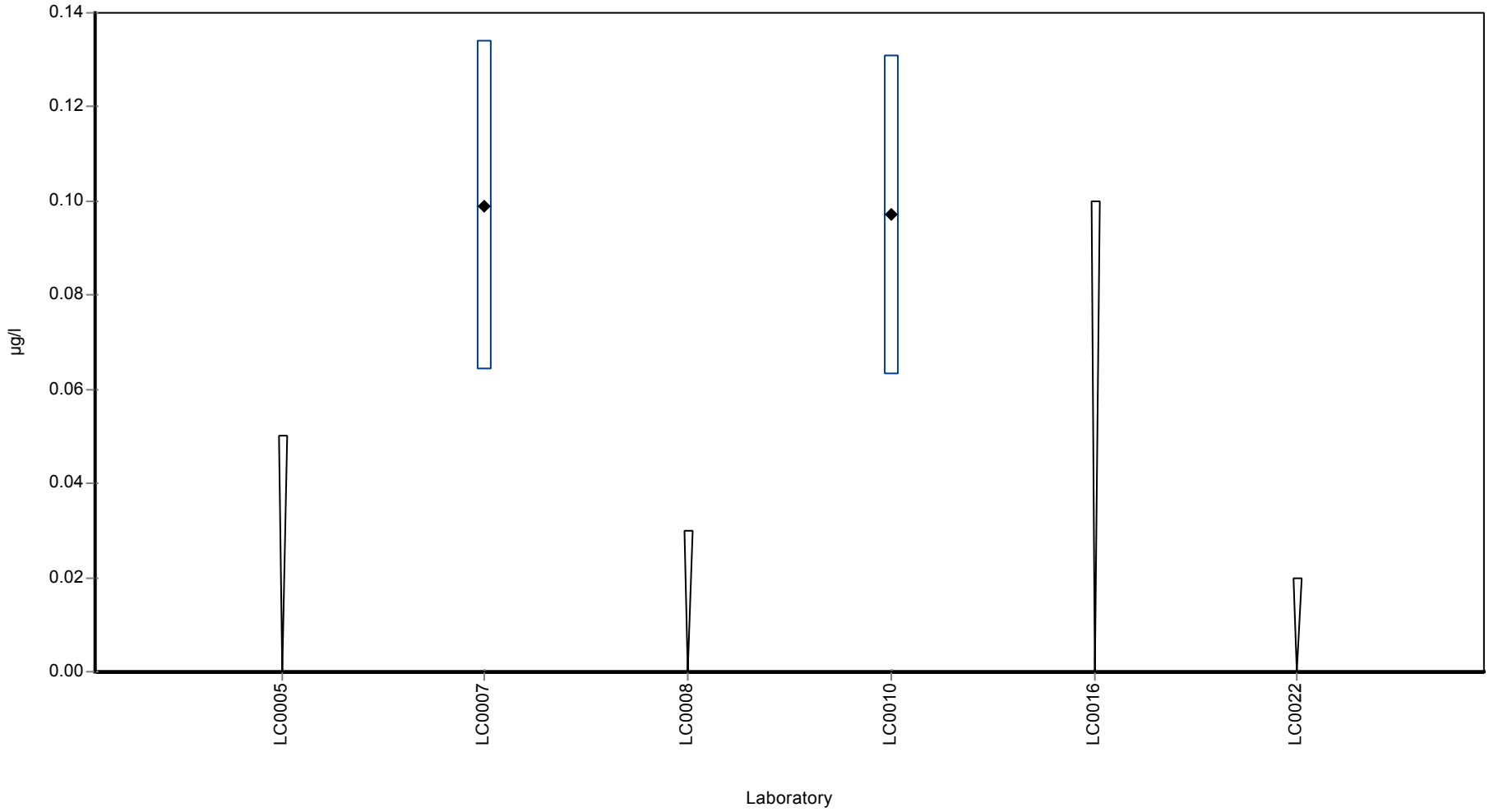
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	0.099	0.035	-	-	FP
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	0.097	0.034	-	-	FP
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.098 ± 0.003	-	µg/l
Minimum	0.097	0.097	µg/l
Maximum	0.099	0.099	µg/l
Standard deviation	0.00141	-	µg/l
rel. Standard deviation	1.44	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

3,5,6-Trichloro-2-pyridinol

Unit	µg/l
Mean ± CI (99%)	0.406 ± 0.183
Minimum - Maximum	0.179 - 0.627
Control test value ± U	0.413 ± 0.0619

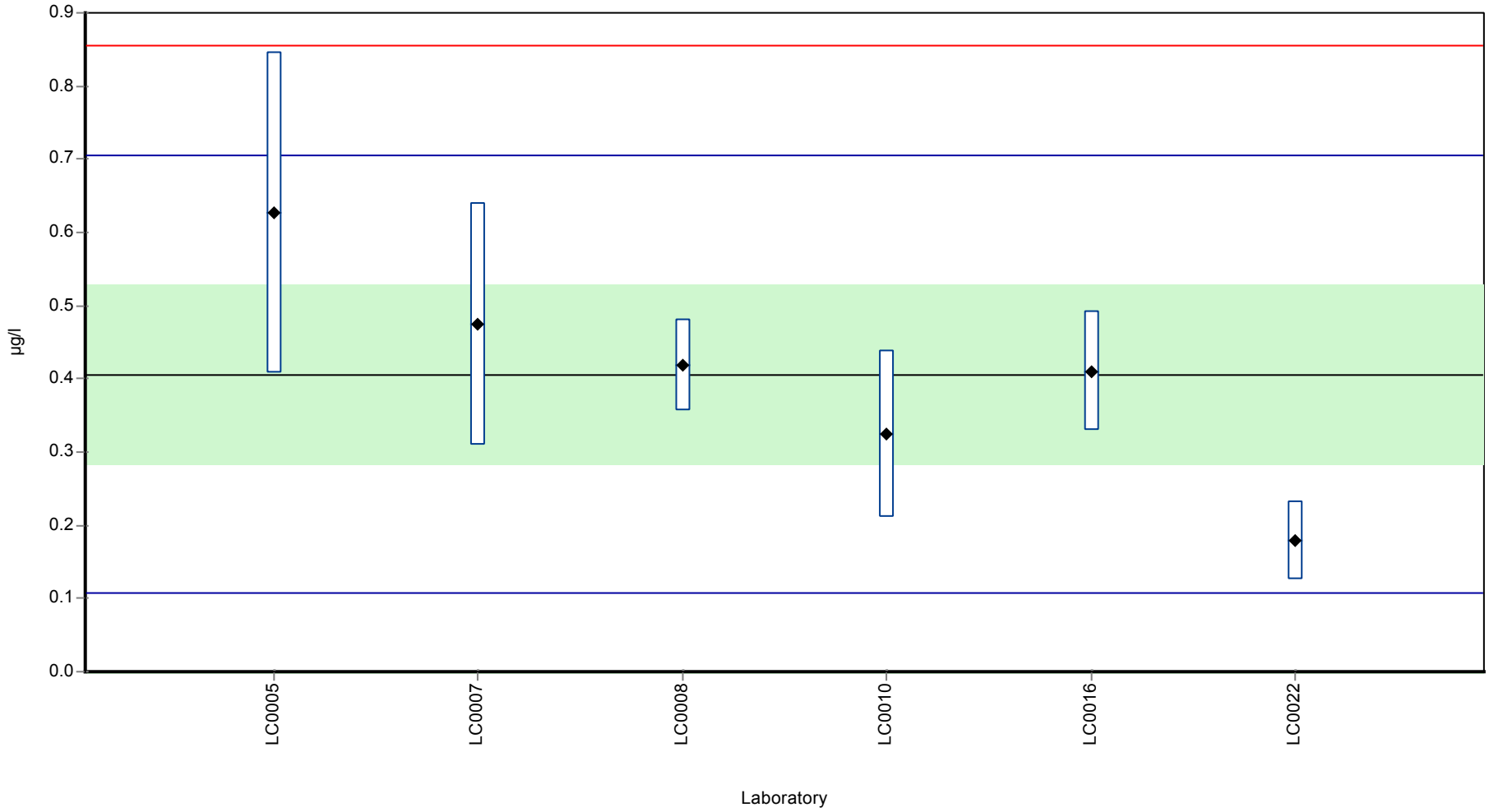
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.627	0.219	155	1.48	
LC0006	-	-	-	-	
LC0007	0.474	0.166	117	0.46	
LC0008	0.419	0.063	103	0.09	
LC0009	-	-	-	-	
LC0010	0.325	0.114	80.1	-0.54	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.41	0.082	101	0.03	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.179	0.0537	44.1	-1.52	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

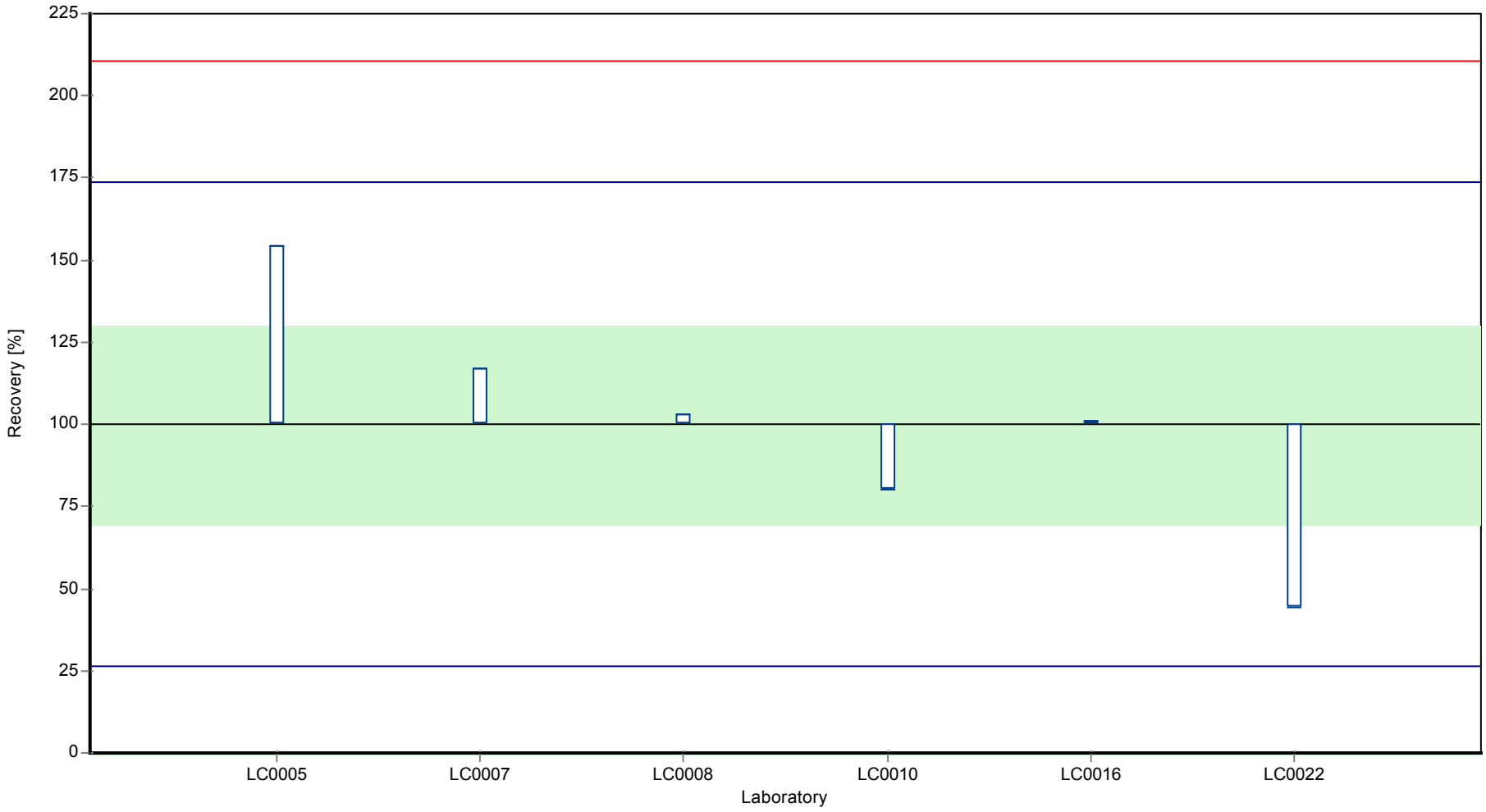
	all results	without outliers	Unit
Mean ± CI (99%)	0.406 ± 0.183	0.406 ± 0.183	µg/l
Minimum	0.179	0.179	µg/l
Maximum	0.627	0.627	µg/l
Standard deviation	0.149	0.149	µg/l
rel. Standard deviation	36.9	36.9	%
n	6	6	-

Graphical presentation of results

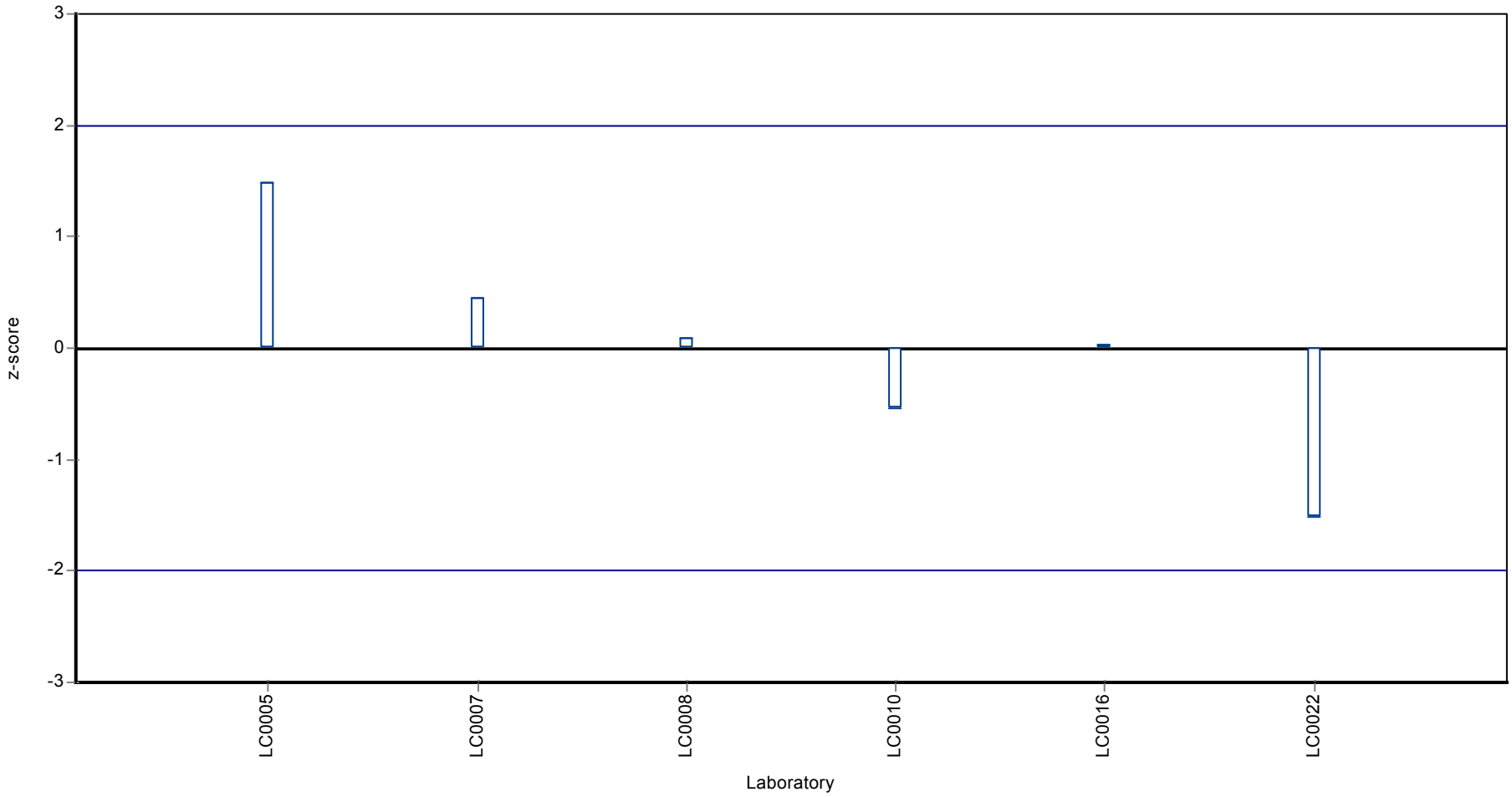
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0010
LC0016
LC0022
Laboratory

Parameter oriented report

PM02 A

Alachlor

Unit	µg/l
Mean ± CI (99%)	0.5 ± 0.0649
Minimum - Maximum	0.364 - 0.66
Control test value ± U	0.535 ± 0.0803

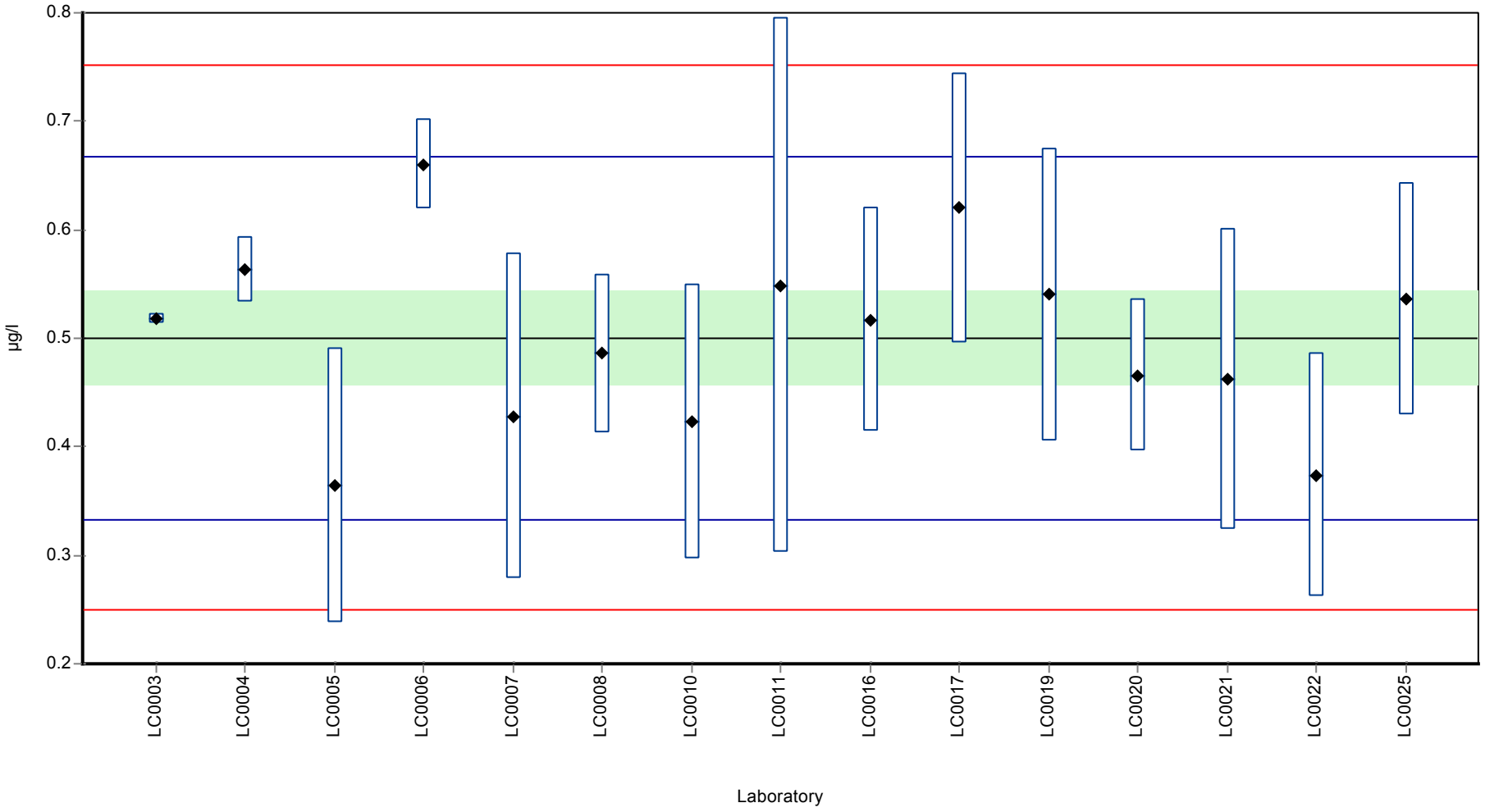
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.518	0.005	104	0.21	
LC0004	0.563	0.03	113	0.75	
LC0005	0.364	0.127	72.7	-1.63	
LC0006	0.6604	0.0415	132	1.91	
LC0007	0.428	0.15	85.5	-0.86	
LC0008	0.486	0.073	97.1	-0.17	
LC0009	-	-	-	-	
LC0010	0.423	0.127	84.5	-0.92	
LC0011	0.5489	0.247	110	0.58	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.517	0.103	103	0.2	
LC0017	0.62	0.124	124	1.43	
LC0018	-	-	-	-	
LC0019	0.54	0.135	108	0.47	
LC0020	0.466	0.0699	93.1	-0.41	
LC0021	0.462	0.1386	92.3	-0.46	
LC0022	0.374	0.1122	74.7	-1.51	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.536	0.107	107	0.42	
LC0026	-	-	-	-	

Characteristics of parameter

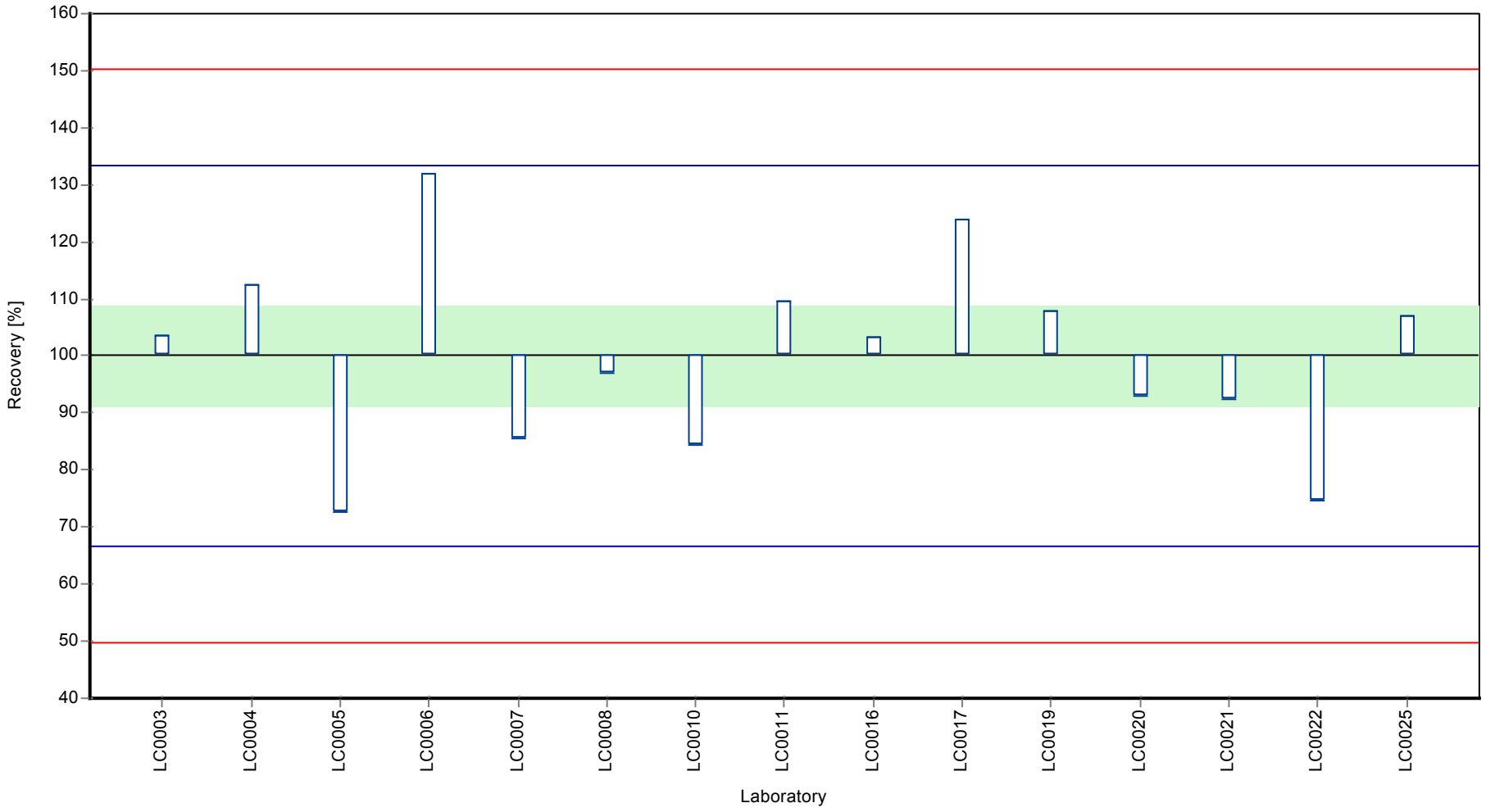
	all results	without outliers	Unit
Mean ± CI (99%)	0.5 ± 0.0649	0.5 ± 0.0649	µg/l
Minimum	0.364	0.364	µg/l
Maximum	0.66	0.66	µg/l
Standard deviation	0.0838	0.0838	µg/l
rel. Standard deviation	16.7	16.7	%
n	15	15	-

Graphical presentation of results

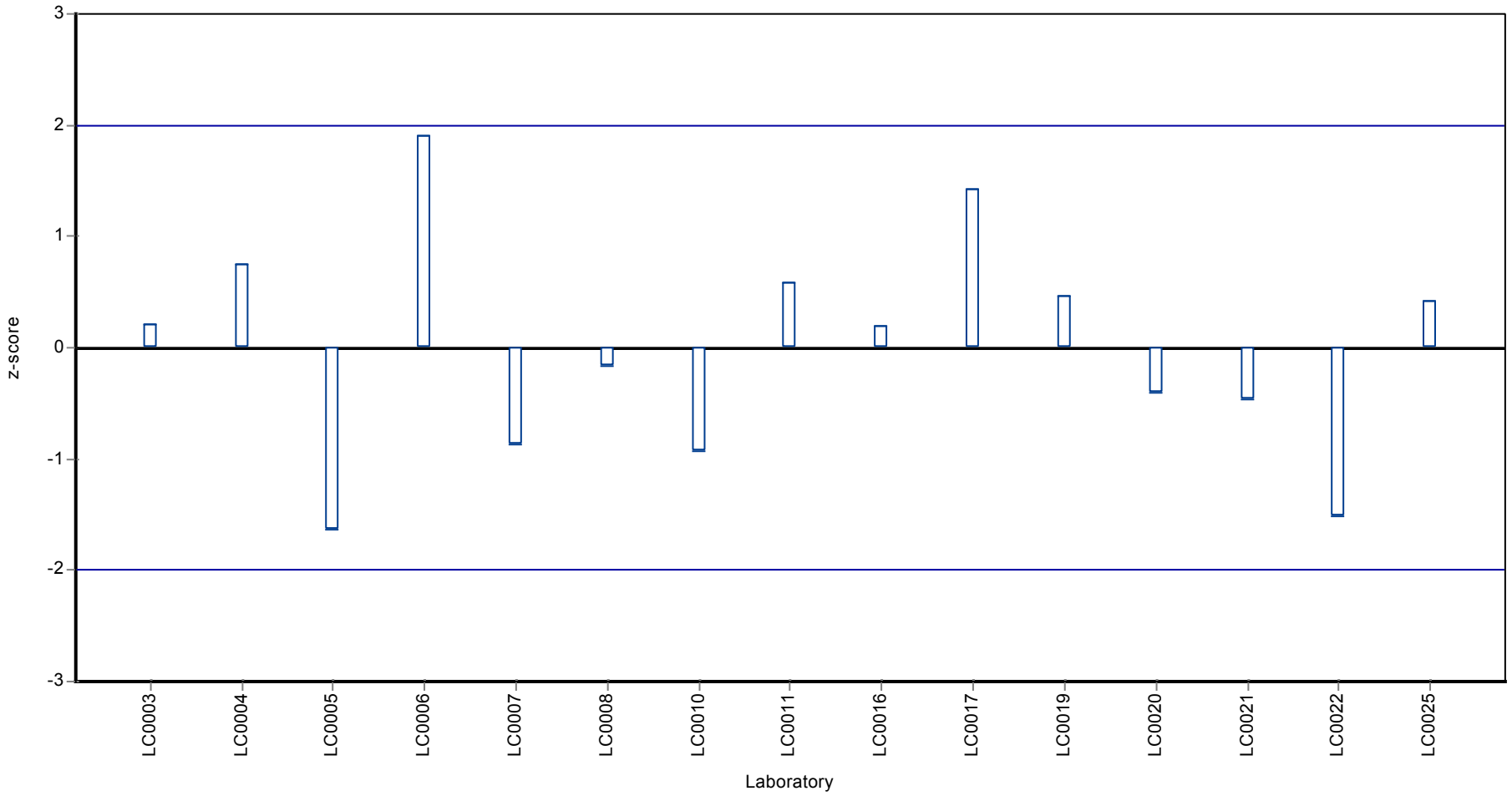
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0003
LC0004
LC0005
LC0006
LC0007
LC0008
LC0010
LC0011
LC0016
LC0017
LC0019
LC0020
LC0021
LC0022
LC0025
Laboratory

Parameter oriented report

PM02 B

Alachlor

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.0043 - 0.0043
Control test value ± U	<0.025 (LOD)

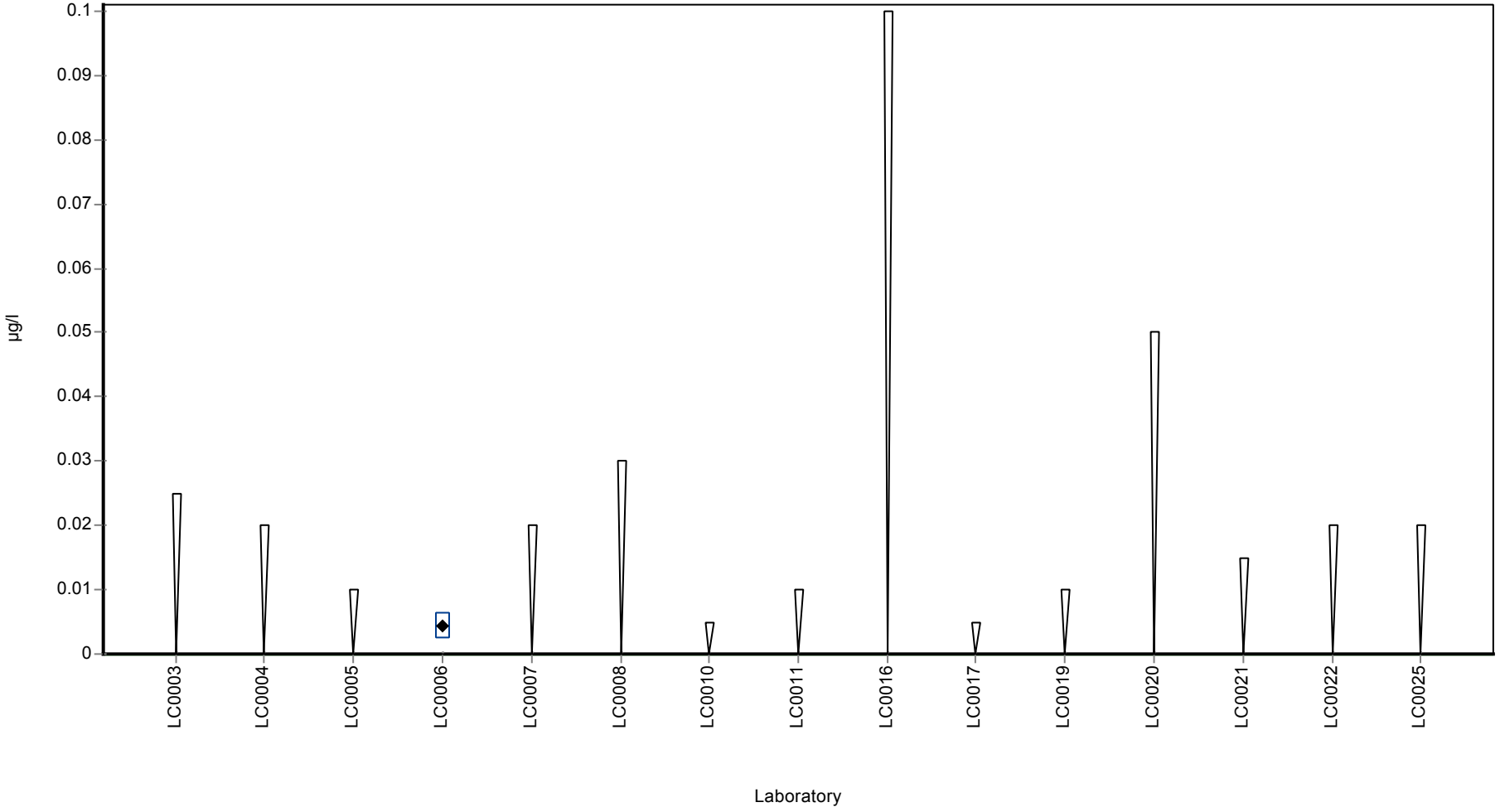
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.025 (LOQ)	-	-	-	
LC0004	< 0.02 (LOQ)	-	-	-	
LC0005	< 0.01 (LOQ)	-	-	-	
LC0006	0.0043	0.0021	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.005 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.005 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.015 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.02 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0043	-	µg/l
Minimum	0.0043	0.0043	µg/l
Maximum	0.0043	0.0043	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Alachlor-t-sulfonic acid (Alachlor-ESA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

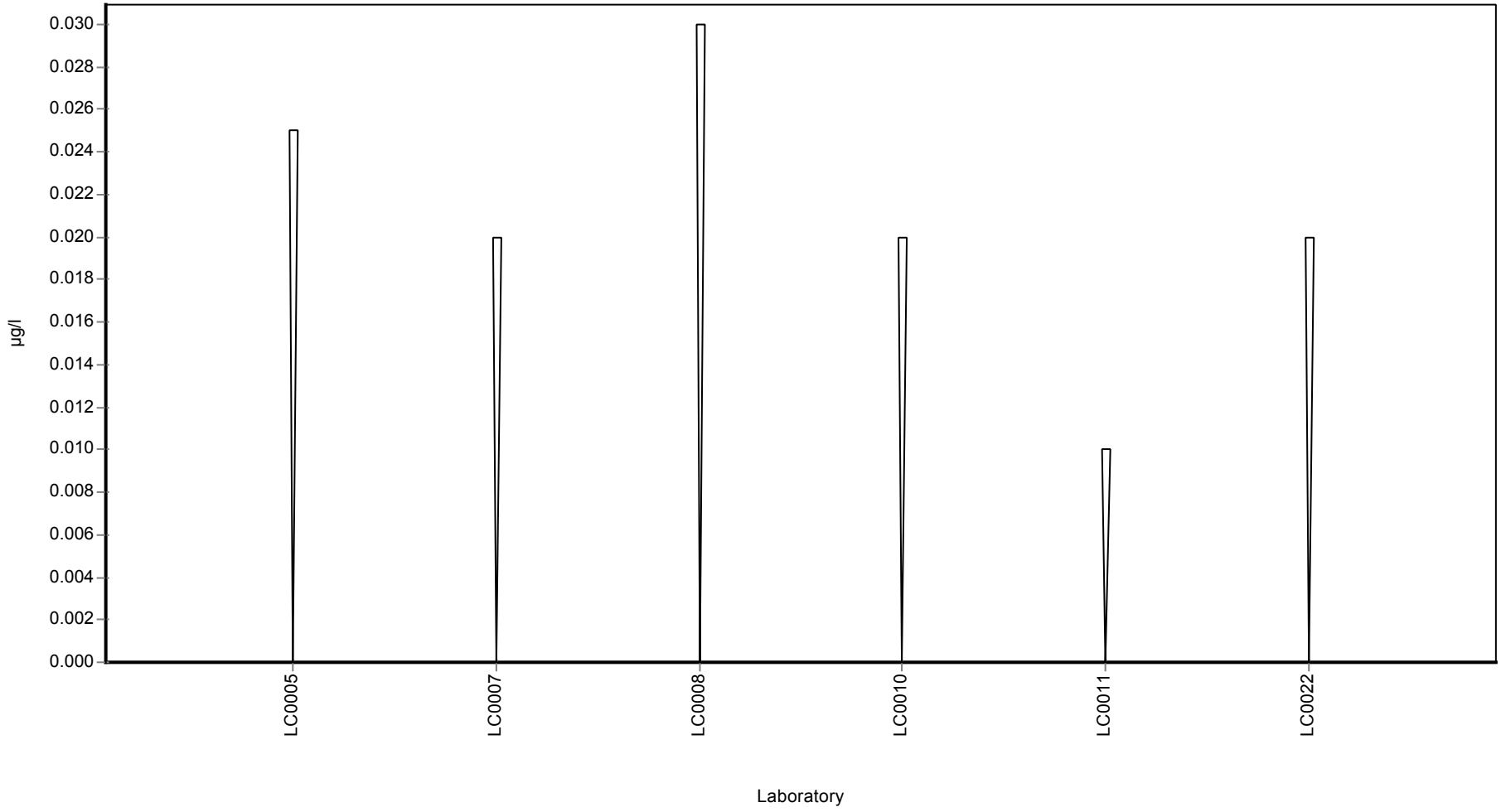
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Alachlor-t-sulfonic acid (Alachlor-ESA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	2.26 - 3.13
Control test value ± U	2.87 ± 0.431

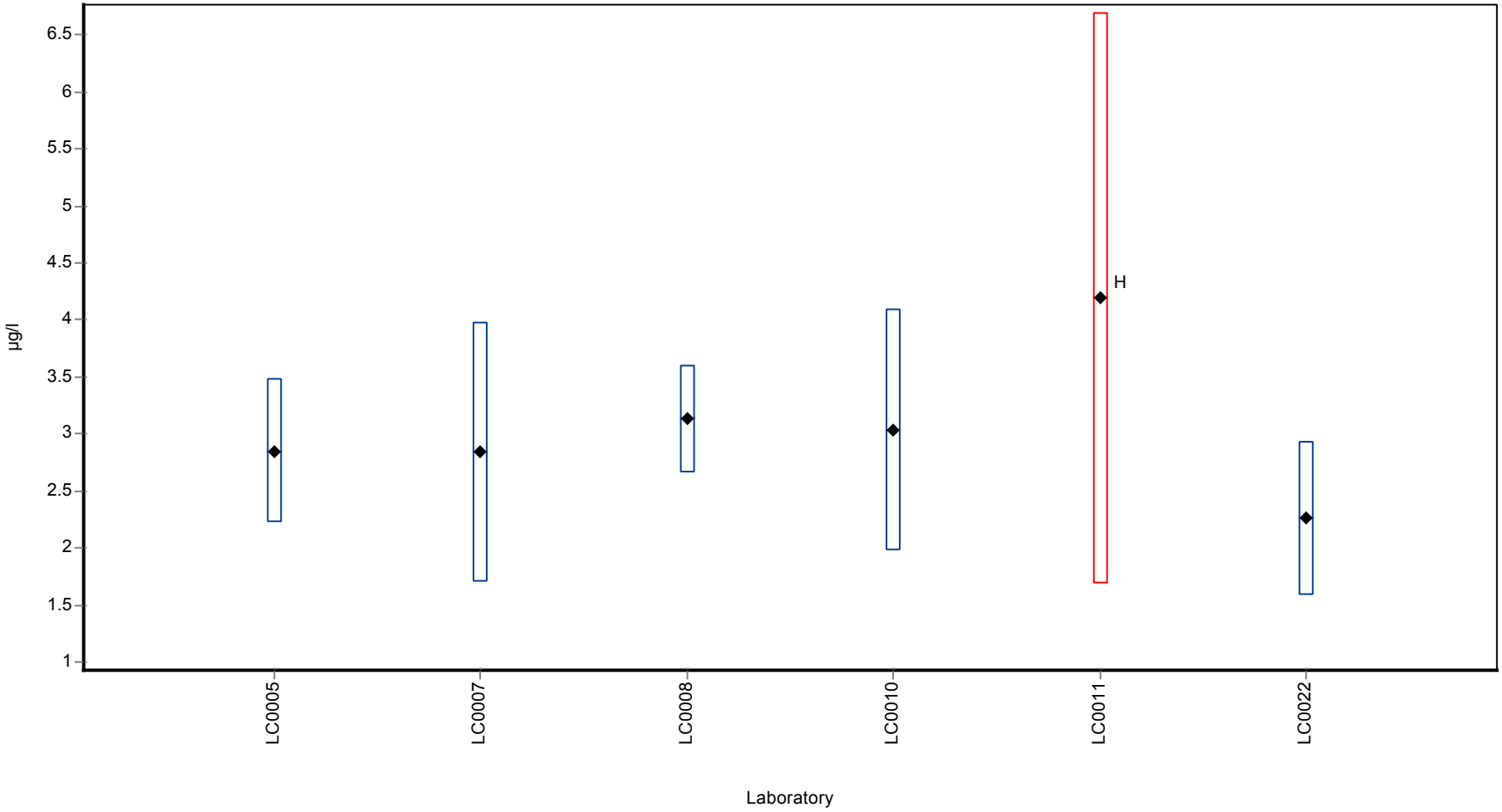
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	2.85	0.627	-	-	
LC0006	-	-	-	-	
LC0007	2.838	1.135	-	-	
LC0008	3.13	0.469	-	-	
LC0009	-	-	-	-	
LC0010	3.03	1.061	-	-	
LC0011	4.19	2.51	-	-	H
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	2.26	0.678	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	3.05 ± 0.778	-	µg/l
Minimum	2.26	2.26	µg/l
Maximum	4.19	3.13	µg/l
Standard deviation	0.635	-	µg/l
rel. Standard deviation	20.8	-	%
n	6	5	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Alachlor-t-acid (Alachlor-OA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

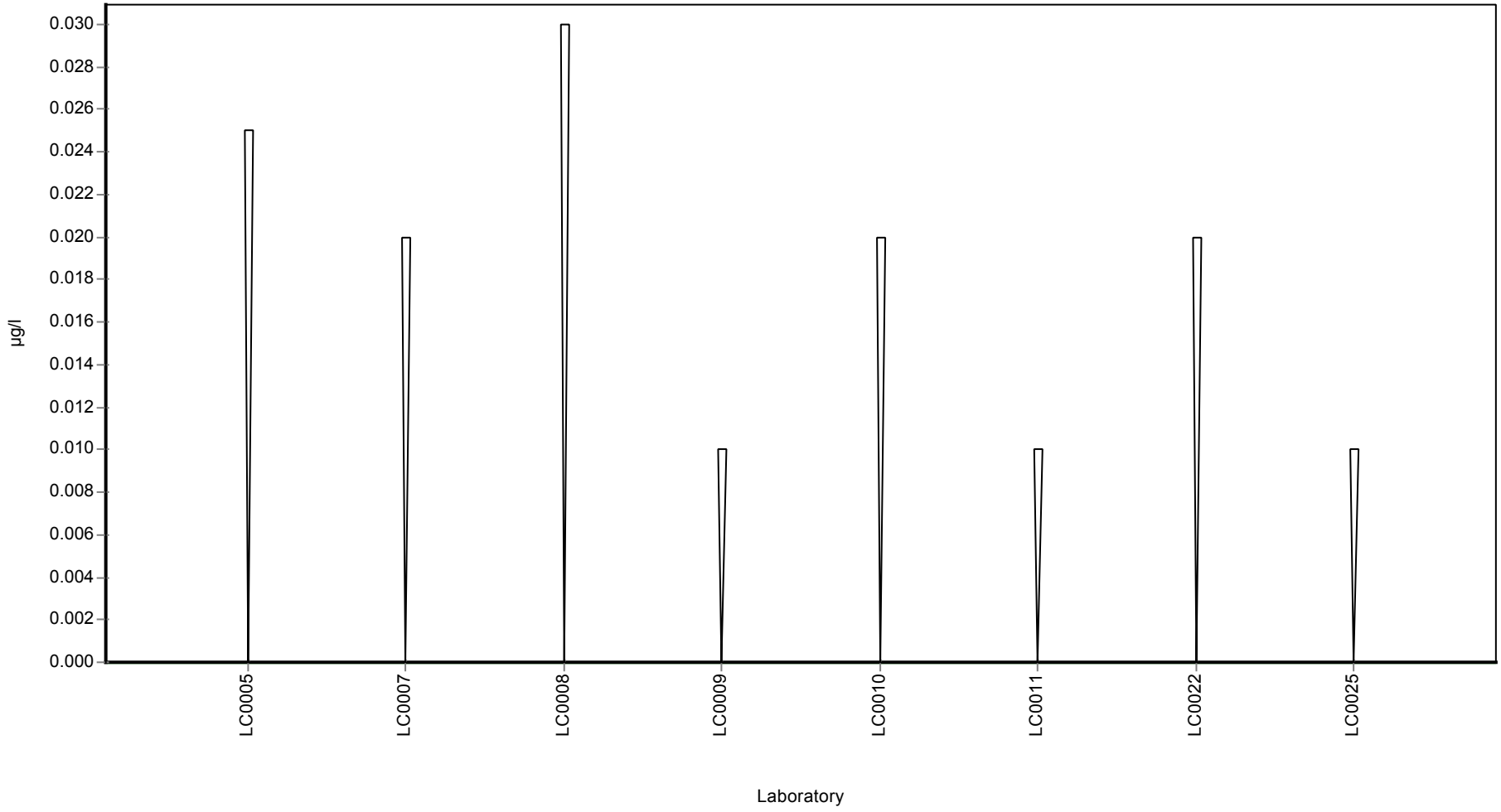
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Alachlor-t-acid (Alachlor-OA)

Unit	µg/l
Mean ± CI (99%)	0.475 ± 0.0605
Minimum - Maximum	0.405 - 0.559
Control test value ± U	0.485 ± 0.0728

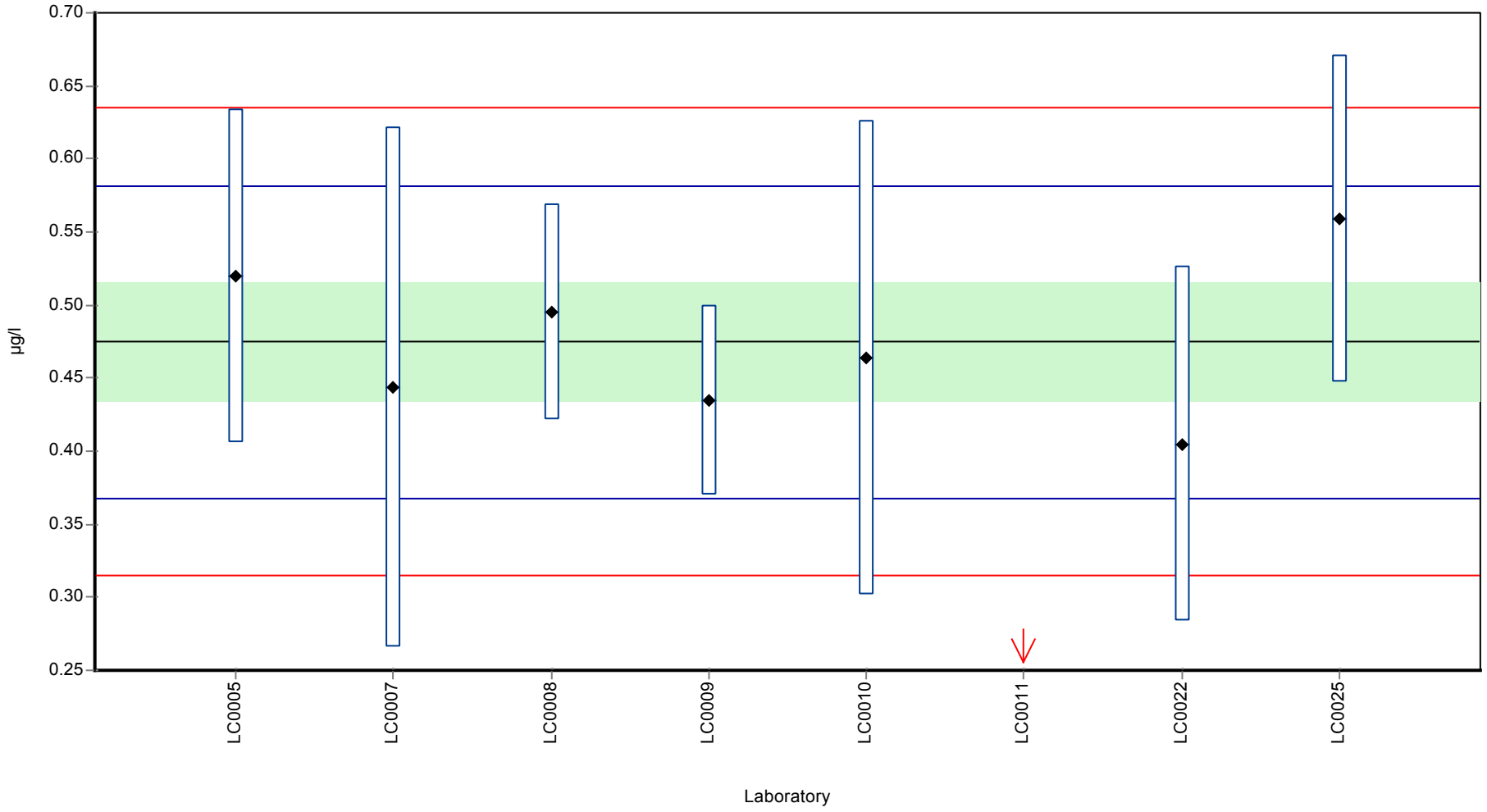
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.52	0.114	110	0.85	
LC0006	-	-	-	-	
LC0007	0.444	0.178	93.6	-0.57	
LC0008	0.495	0.074	104	0.38	
LC0009	0.435	0.065	91.7	-0.74	
LC0010	0.464	0.162	97.8	-0.2	
LC0011	0.076	0.046	16	-7.47	H
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.405	0.1215	85.3	-1.3	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.559	0.112	118	1.58	
LC0026	-	-	-	-	

Characteristics of parameter

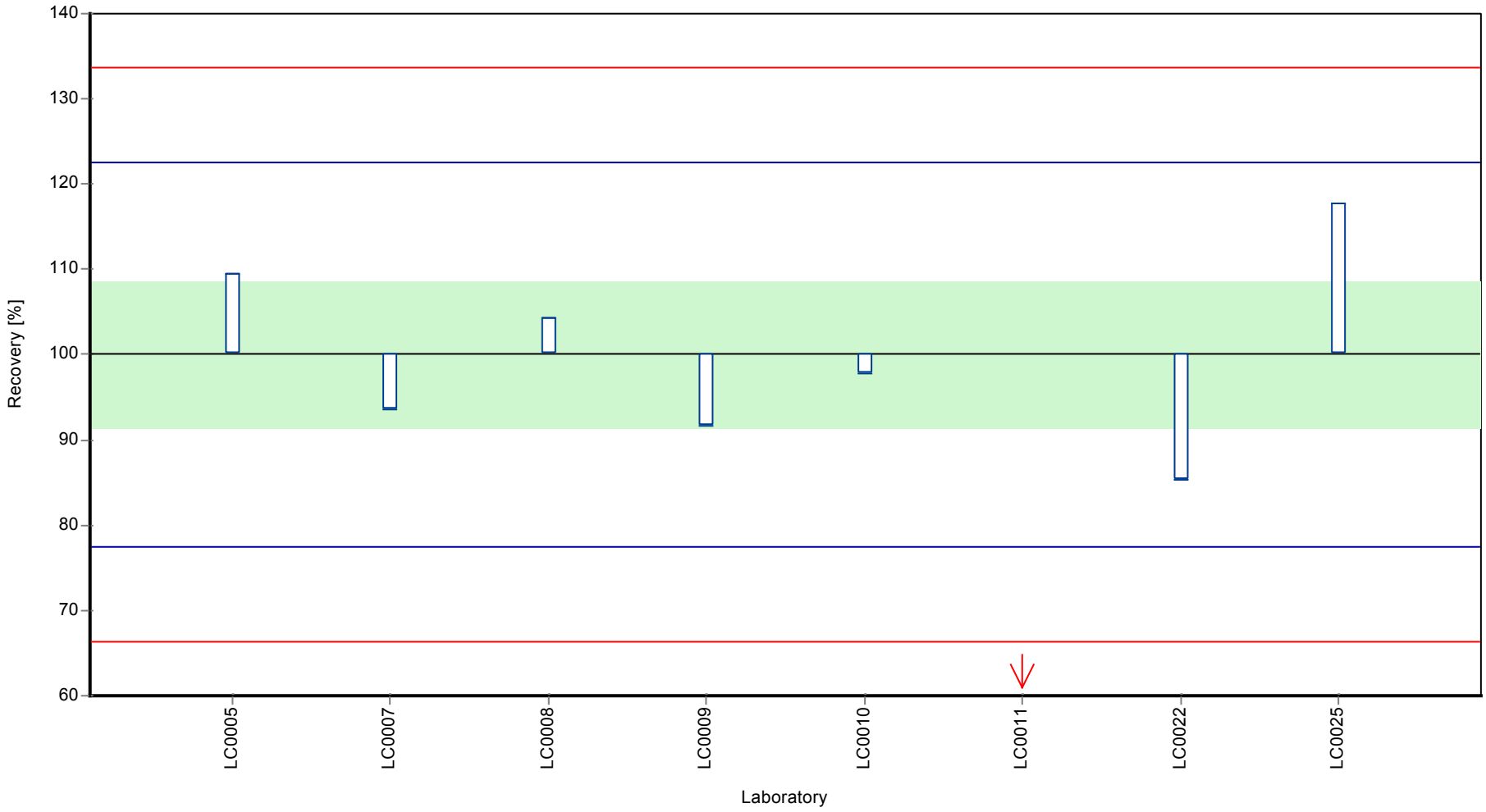
	all results	without outliers	Unit
Mean ± CI (99%)	0.425 ± 0.158	0.475 ± 0.0605	µg/l
Minimum	0.076	0.405	µg/l
Maximum	0.559	0.559	µg/l
Standard deviation	0.149	0.0533	µg/l
rel. Standard deviation	35.2	11.2	%
n	8	7	-

Graphical presentation of results

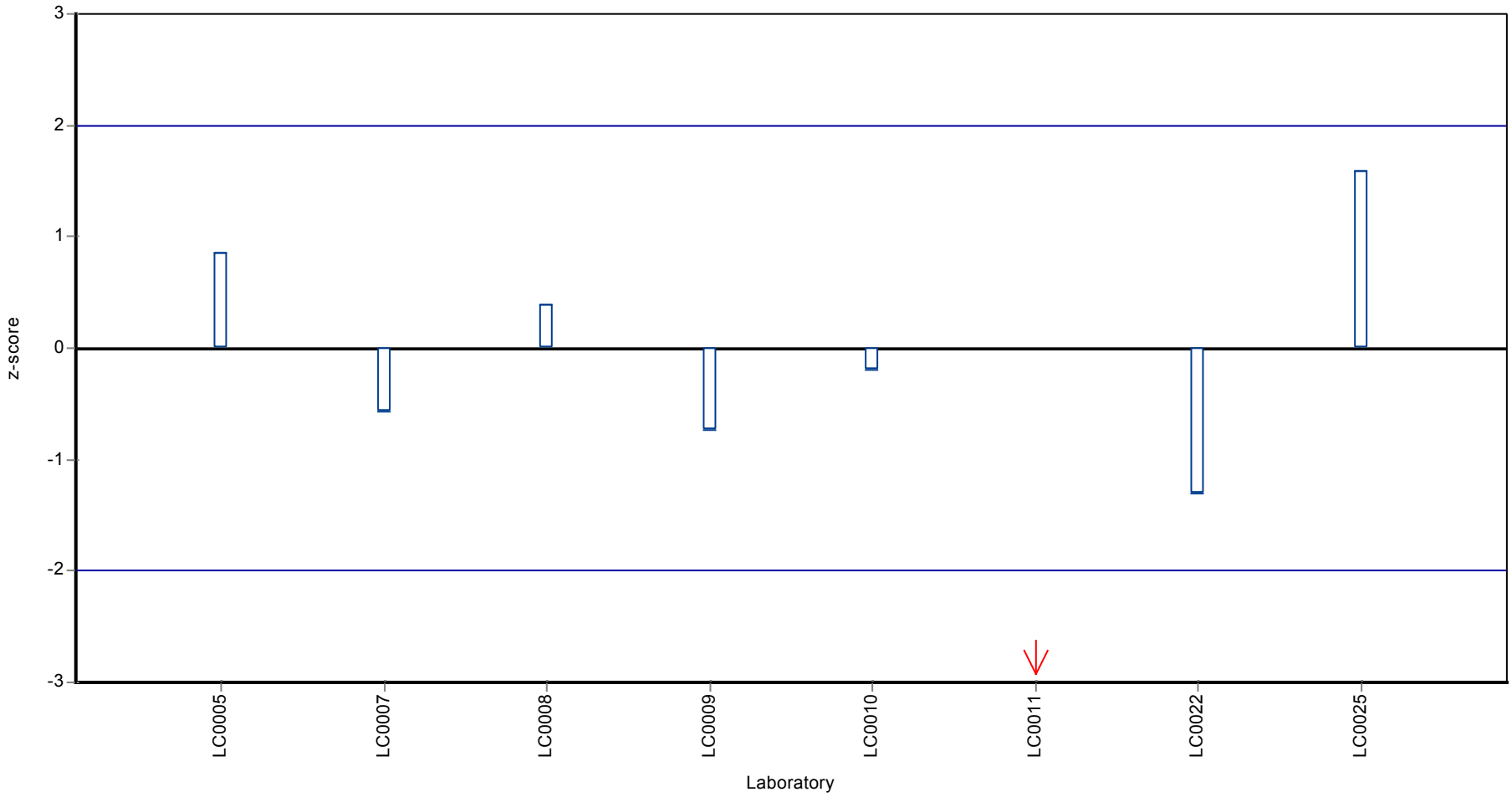
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0022
LC0025
Laboratory

Parameter oriented report

PM02 A

Aldrin

Unit	µg/l
Mean ± CI (99%)	0.0379 ± 0.00855
Minimum - Maximum	0.03 - 0.055
Control test value ± U	0.0514 ± 0.0154

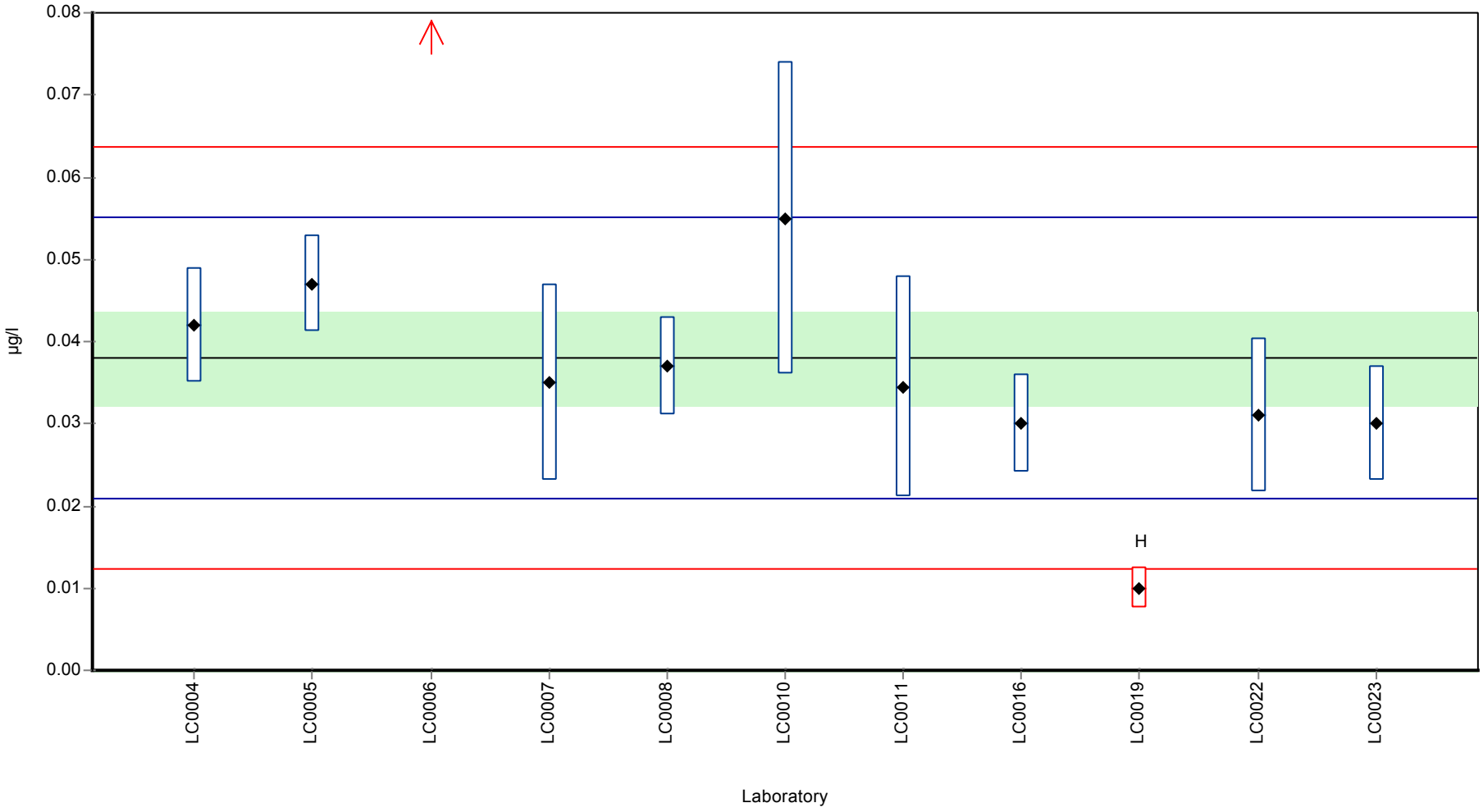
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.042	0.007	111	0.47	
LC0005	0.047	0.00586	124	1.06	
LC0006	0.1027	0.0021	271	7.57	H
LC0007	0.035	0.012	92.2	-0.34	
LC0008	0.037	0.006	97.5	-0.11	
LC0009	-	-	-	-	
LC0010	0.055	0.019	145	1.99	
LC0011	0.0345	0.0135	90.9	-0.4	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.03	0.006	79.1	-0.93	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.01	0.0025	26.4	-3.27	H
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.031	0.0093	81.7	-0.81	
LC0023	0.03	0.007	79.1	-0.93	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

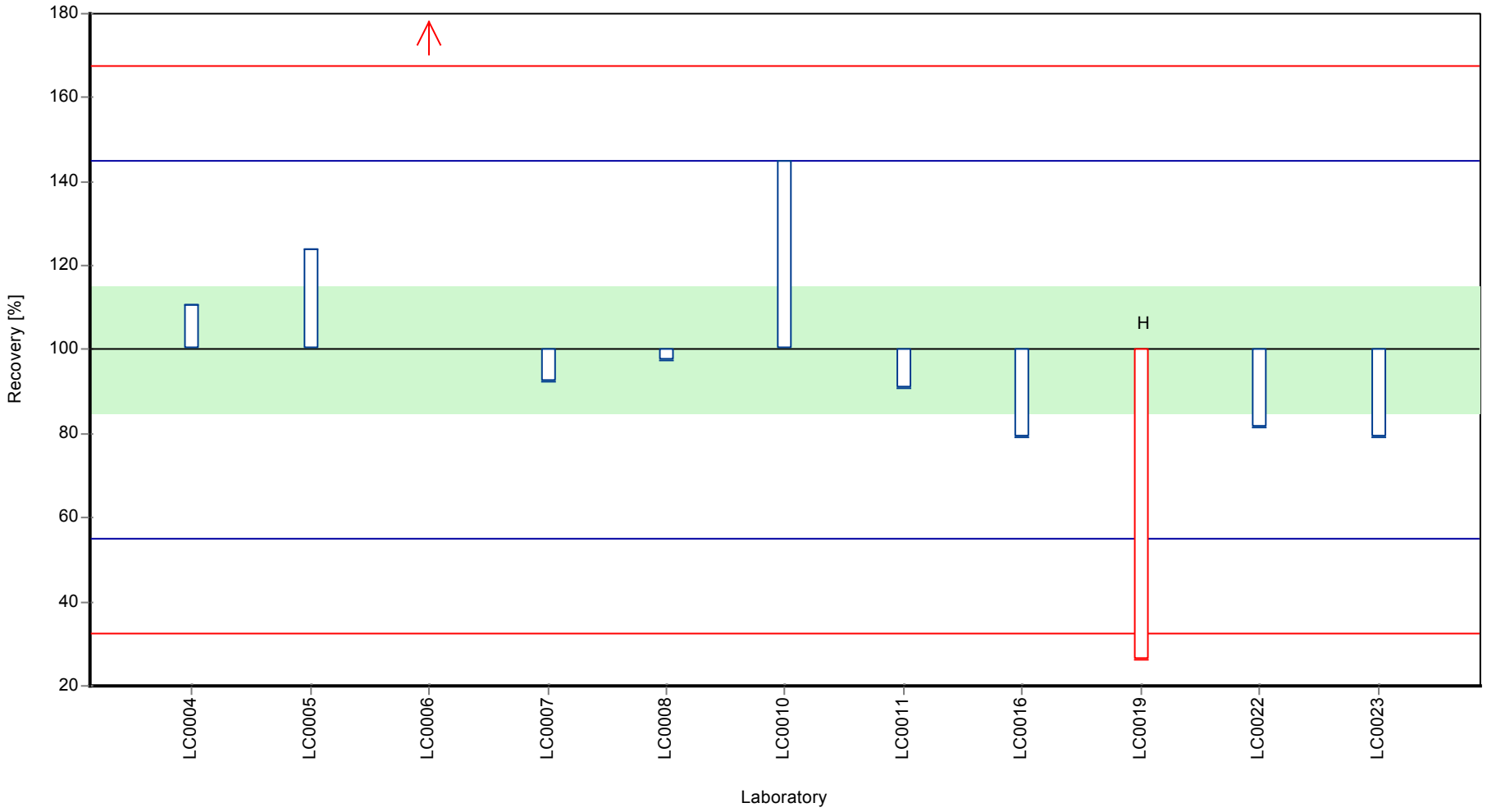
	all results	without outliers	Unit
Mean ± CI (99%)	0.0413 ± 0.0211	0.0379 ± 0.00855	µg/l
Minimum	0.01	0.03	µg/l
Maximum	0.103	0.055	µg/l
Standard deviation	0.0233	0.00855	µg/l
rel. Standard deviation	56.5	22.5	%
n	11	9	-

Graphical presentation of results

Results



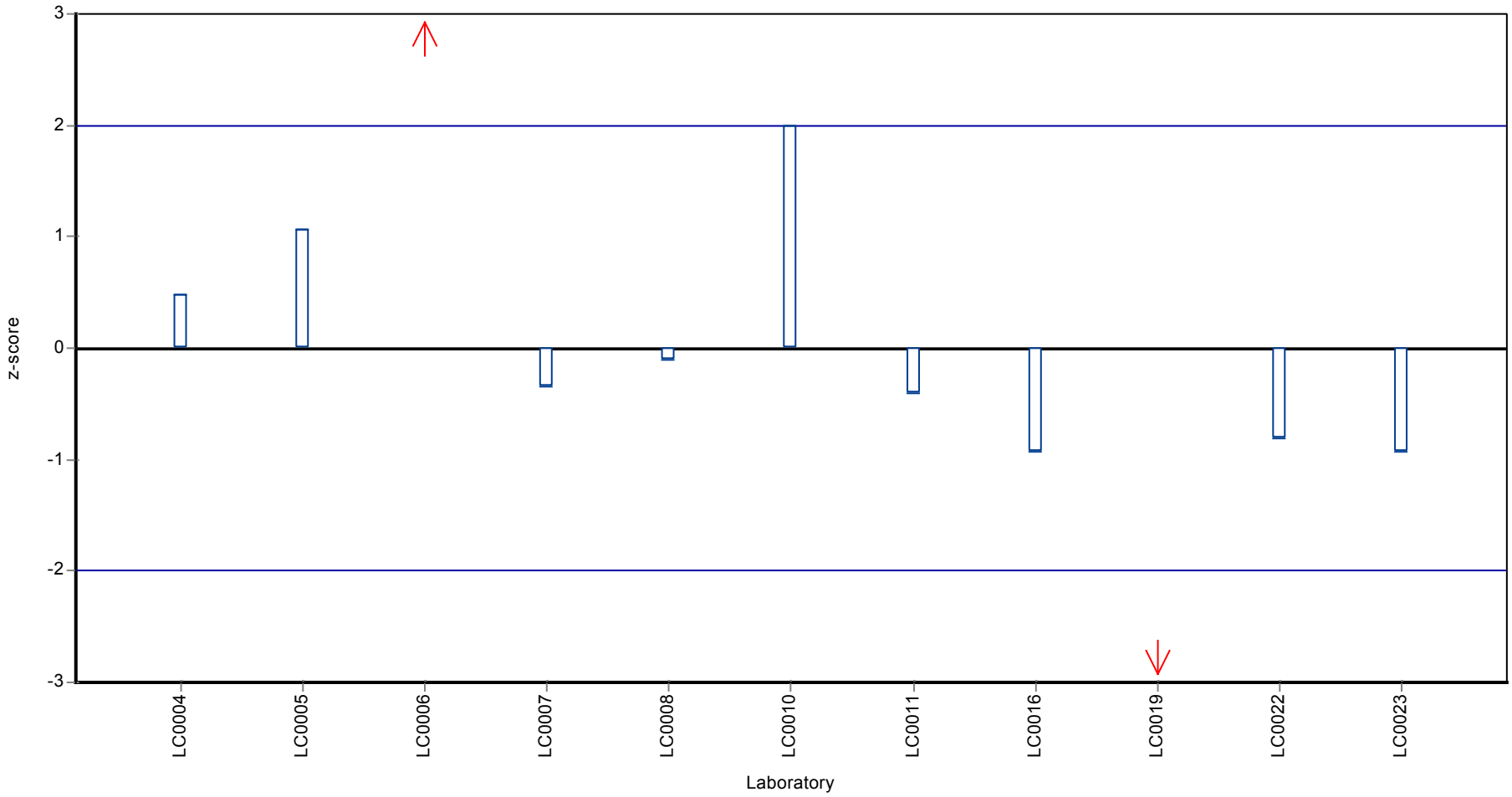
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Aldrin

Z-score



Parameter oriented report

PM02 B

Aldrin

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.0022 - 0.0022
Control test value ± U	<0.0025 (LOD)

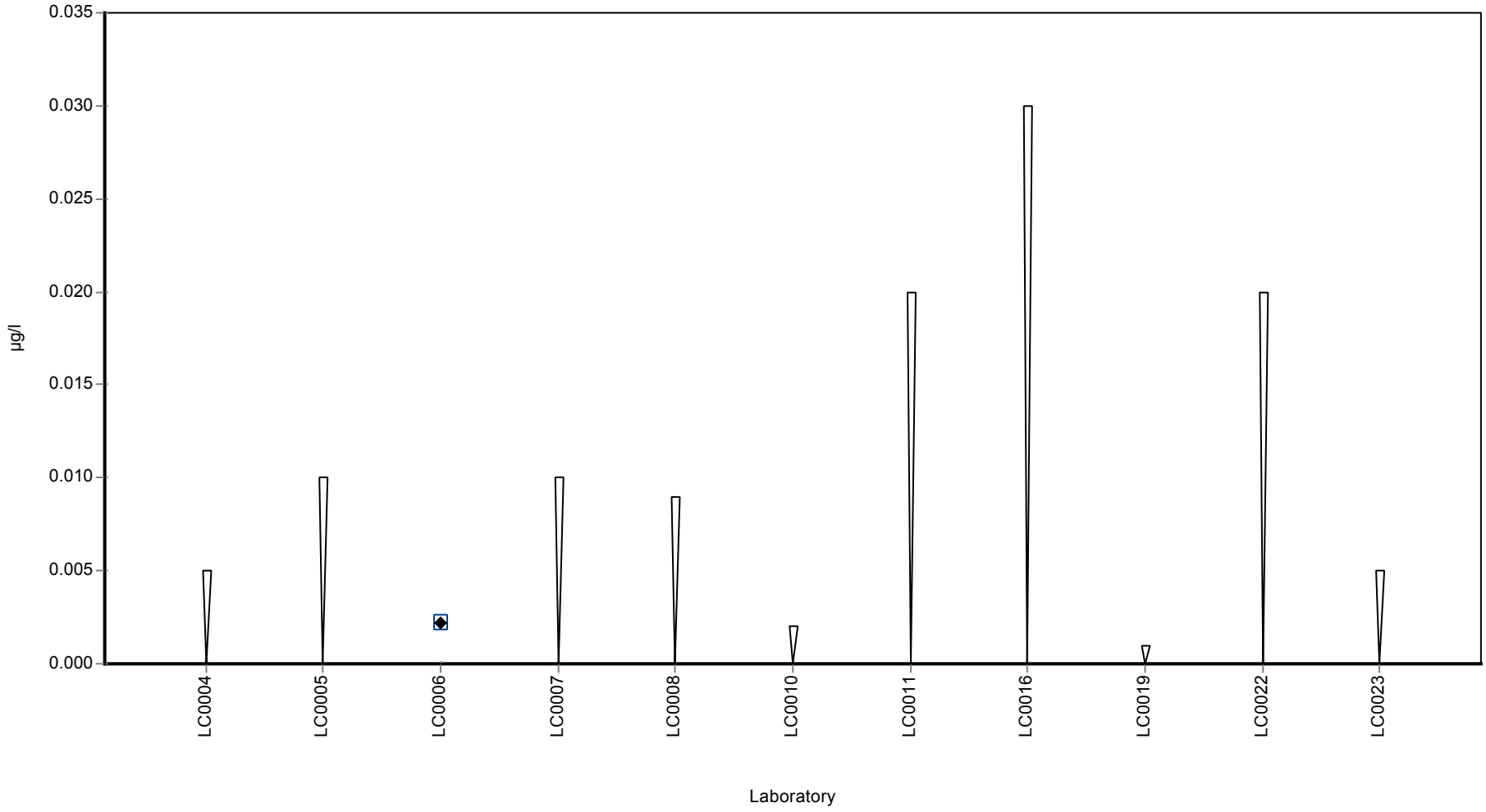
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.005 (LOQ)	-	-	-	
LC0005	< 0.01 (LOQ)	-	-	-	
LC0006	0.0022	0.0004	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	< 0.009 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.002 (LOQ)	-	-	-	
LC0011	< 0.02 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.03 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.001 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	< 0.005 (LOQ)	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0022	-	µg/l
Minimum	0.0022	0.0022	µg/l
Maximum	0.0022	0.0022	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

AMPA

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.006 - 0.227
Control test value ± U	<0.03 (LOD)

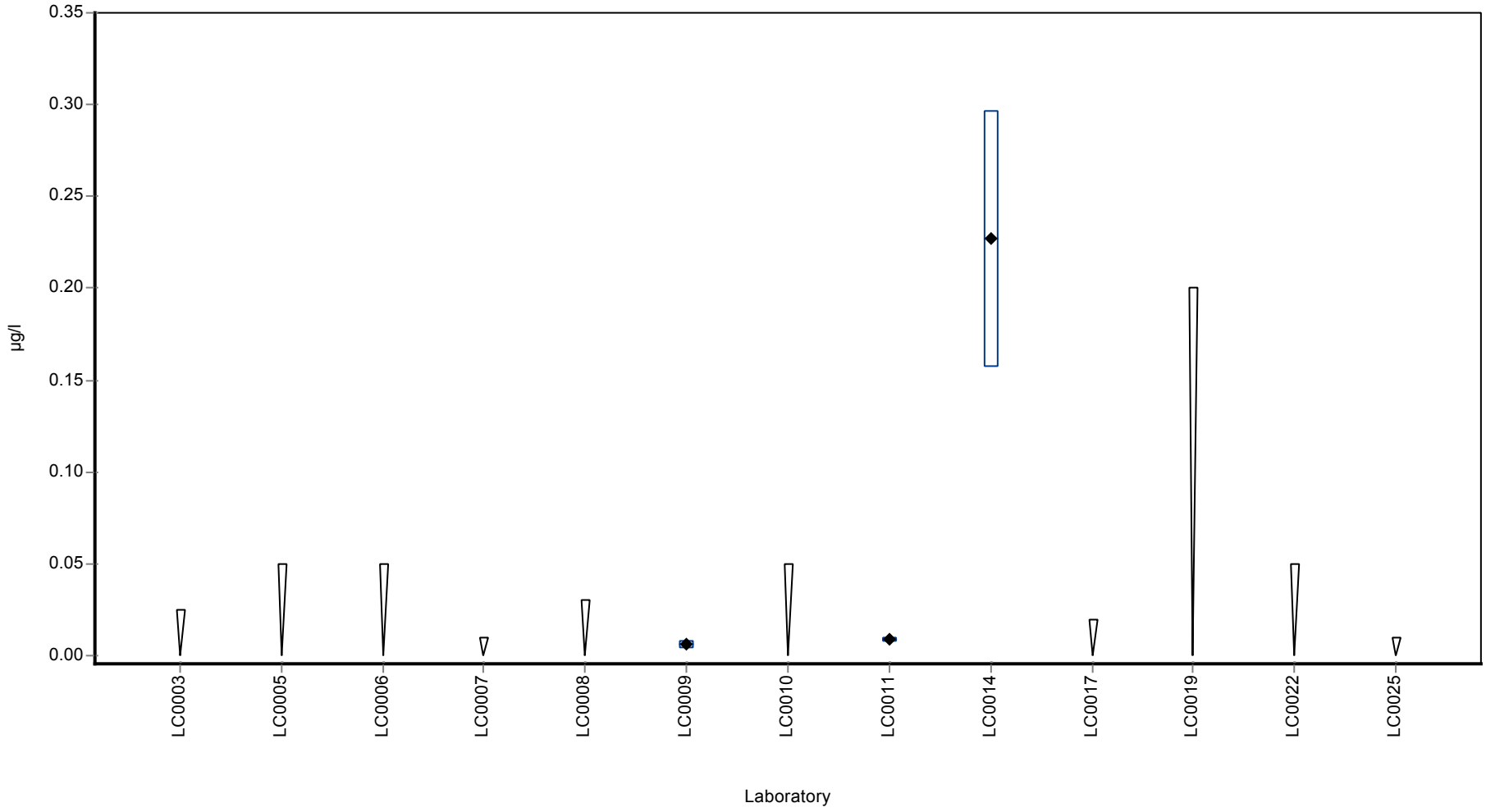
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.025 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	< 0.05 (LOQ)	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	0.006	0.002	-	-	
LC0010	< 0.05 (LOQ)	-	-	-	
LC0011	0.0086	0.0017	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.227	0.07	-	-	FP
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	<0.02 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.2 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.05 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0805 ± 0.22	-	µg/l
Minimum	0.006	0.006	µg/l
Maximum	0.227	0.227	µg/l
Standard deviation	0.127	-	µg/l
rel. Standard deviation	158	-	%
n	3	3	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

AMPA

Unit	µg/l
Mean ± CI (99%)	0.715 ± 0.159
Minimum - Maximum	0.4 - 1.04
Control test value ± U	0.631 ± 0.189

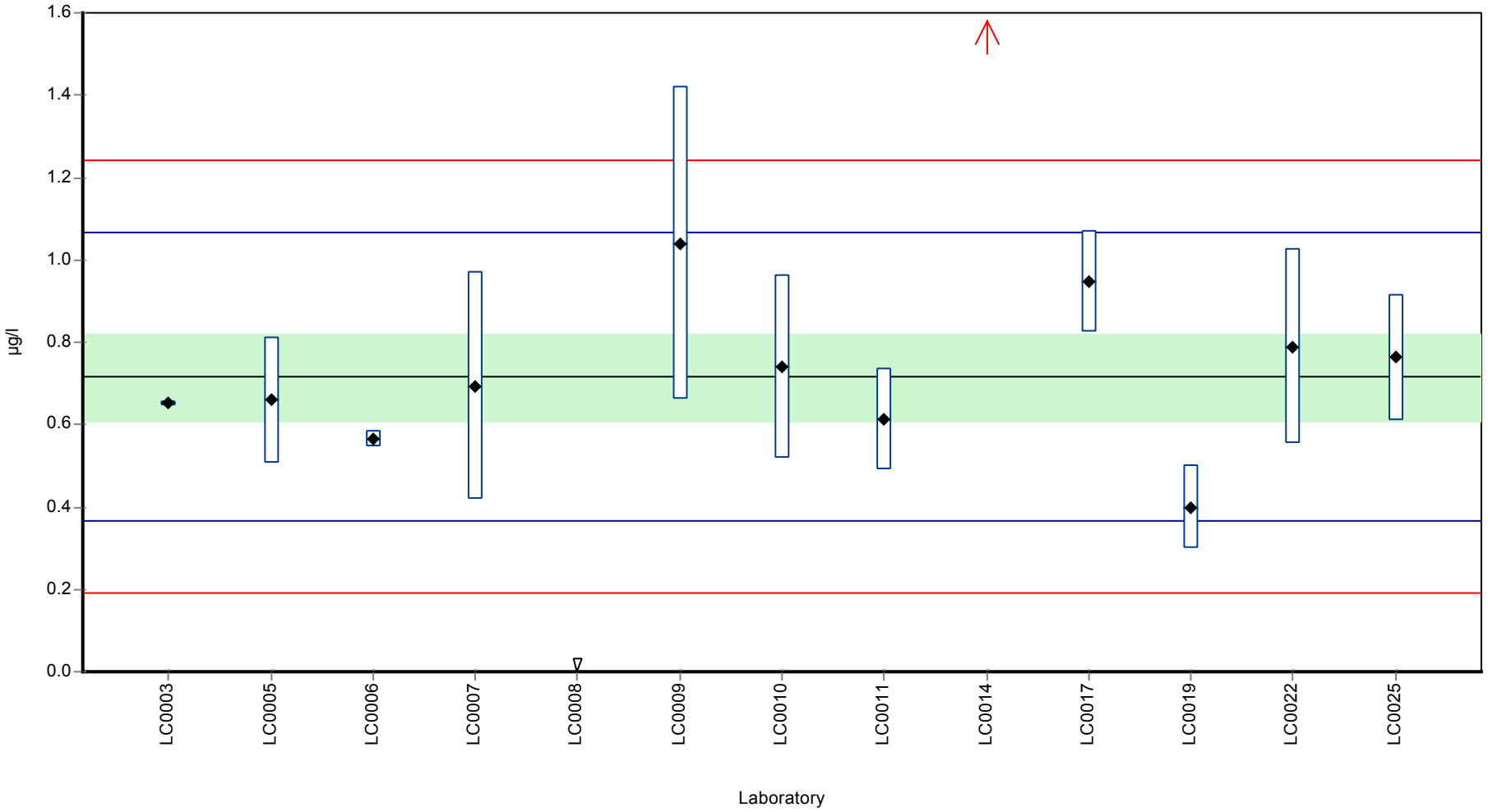
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.651	0.007	91	-0.37	
LC0004	-	-	-	-	
LC0005	0.659	0.152	92.1	-0.32	
LC0006	0.567	0.02	79.3	-0.85	
LC0007	0.694	0.278	97	-0.12	
LC0008	< 0.03 (LOQ)	-	-	-	FN
LC0009	1.04	0.38	145	1.85	
LC0010	0.742	0.223	104	0.15	
LC0011	0.614	0.1228	85.9	-0.58	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	2.15	0.67	301	8.19	H
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.947	0.123	132	1.32	
LC0018	-	-	-	-	
LC0019	0.4	0.1	55.9	-1.8	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.79	0.237	110	0.43	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.763	0.153	107	0.27	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.835 ± 0.387	0.715 ± 0.159	µg/l
Minimum	0.4	0.4	µg/l
Maximum	2.15	1.04	µg/l
Standard deviation	0.447	0.175	µg/l
rel. Standard deviation	53.5	24.5	%
n	12	11	-

Graphical presentation of results

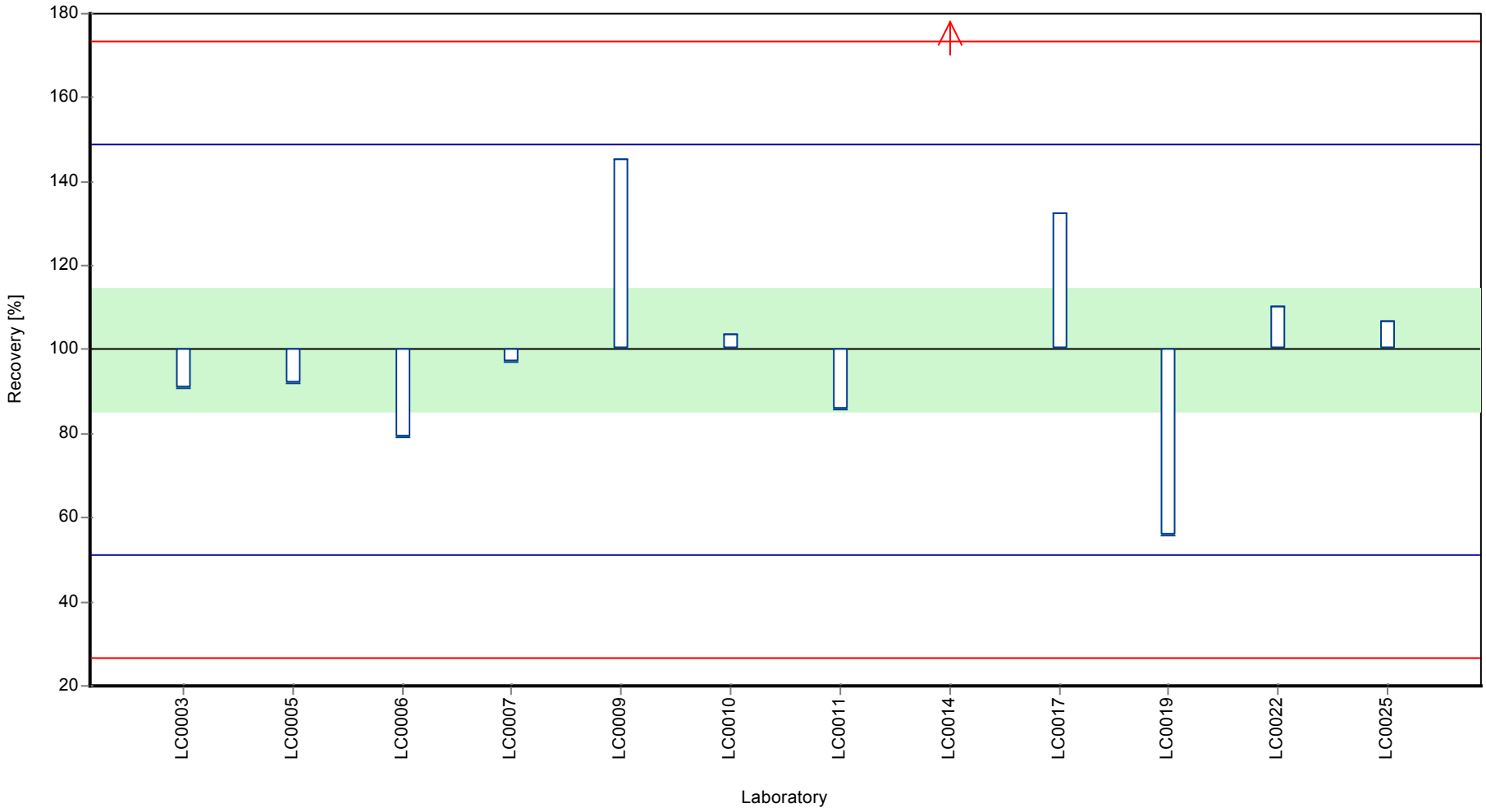
Results



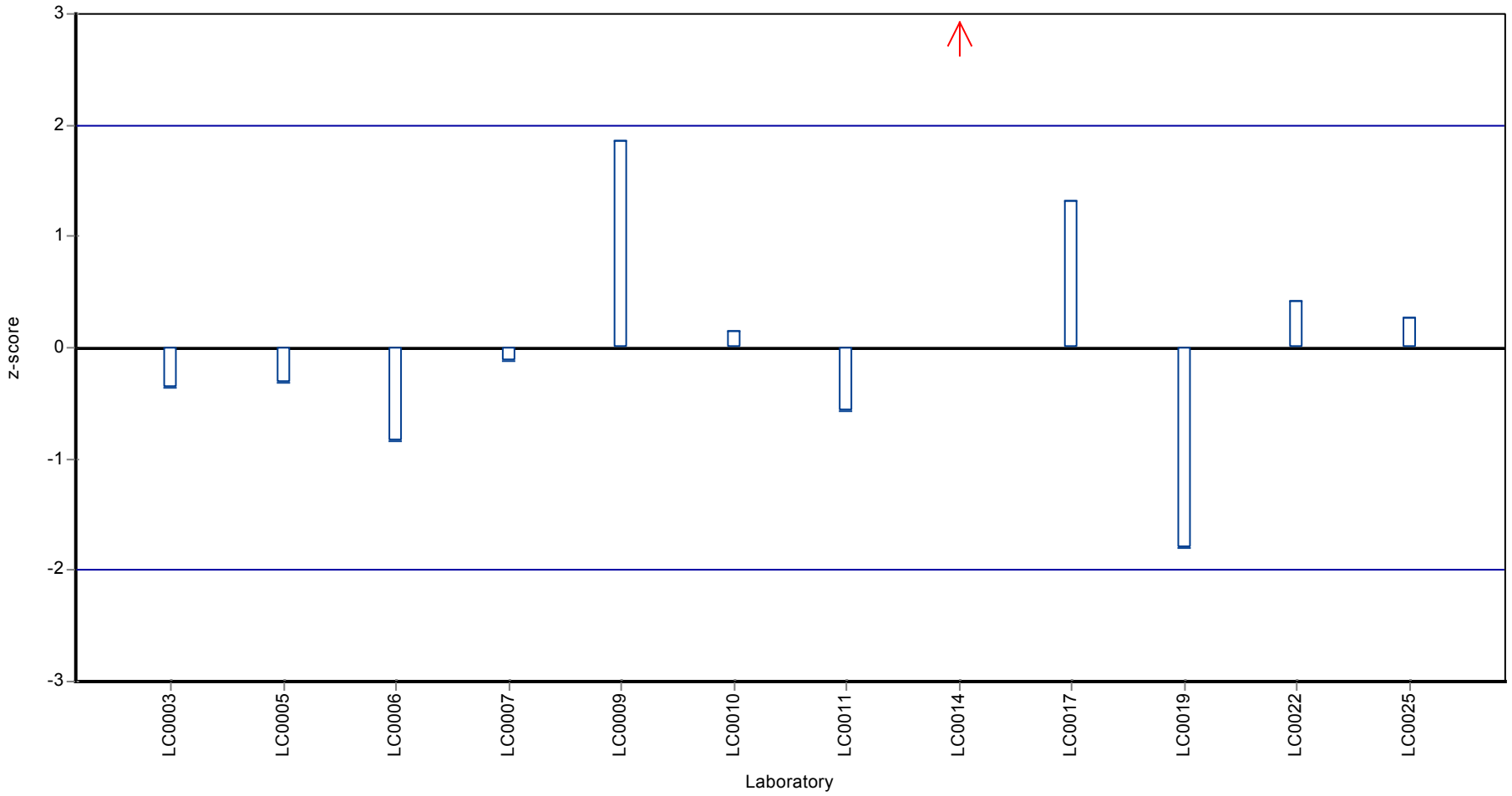
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: AMPA

Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0003
LC0005
LC0006
LC0007
LC0009
LC0010
LC0011
LC0014
LC0017
LC0019
LC0022
LC0025
Laboratory

Parameter oriented report

PM02 A

Atrazine

Unit	µg/l
Mean ± CI (99%)	0.154 ± 0.00877
Minimum - Maximum	0.128 - 0.178
Control test value ± U	0.151 ± 0.0227

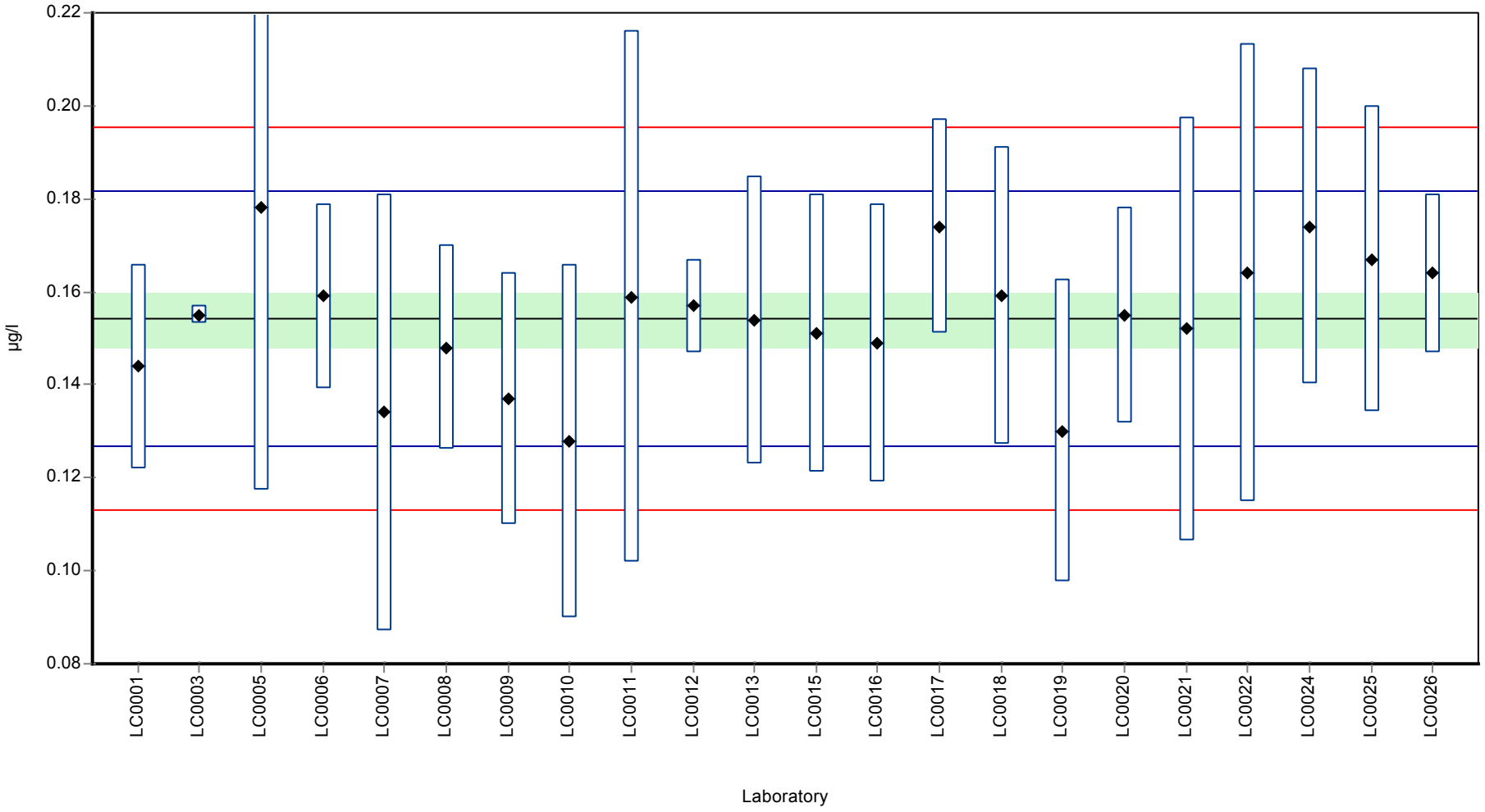
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.144	0.022	93.4	-0.74	
LC0002	-	-	-	-	
LC0003	0.155	0.002	101	0.06	
LC0004	-	-	-	-	
LC0005	0.178	0.0606	115	1.74	
LC0006	0.159	0.02	103	0.35	
LC0007	0.134	0.047	86.9	-1.47	
LC0008	0.148	0.022	96	-0.45	
LC0009	0.137	0.027	88.9	-1.25	
LC0010	0.128	0.038	83	-1.91	
LC0011	0.1589	0.0572	103	0.34	
LC0012	0.157	0.01	102	0.21	
LC0013	0.154	0.031	99.9	-0.01	
LC0014	-	-	-	-	
LC0015	0.151	0.03	97.9	-0.23	
LC0016	0.149	0.03	96.6	-0.38	
LC0017	0.174	0.023	113	1.45	
LC0018	0.159	0.032	103	0.35	
LC0019	0.13	0.0325	84.3	-1.76	
LC0020	0.155	0.02325	101	0.06	
LC0021	0.152	0.0456	98.6	-0.16	
LC0022	0.164	0.0492	106	0.72	
LC0023	-	-	-	-	
LC0024	0.174	0.034	113	1.45	
LC0025	0.167	0.033	108	0.94	
LC0026	0.164	0.017	106	0.72	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.154 ± 0.00877	0.154 ± 0.00877	µg/l
Minimum	0.128	0.128	µg/l
Maximum	0.178	0.178	µg/l
Standard deviation	0.0137	0.0137	µg/l
rel. Standard deviation	8.89	8.89	%
n	22	22	-

Graphical presentation of results

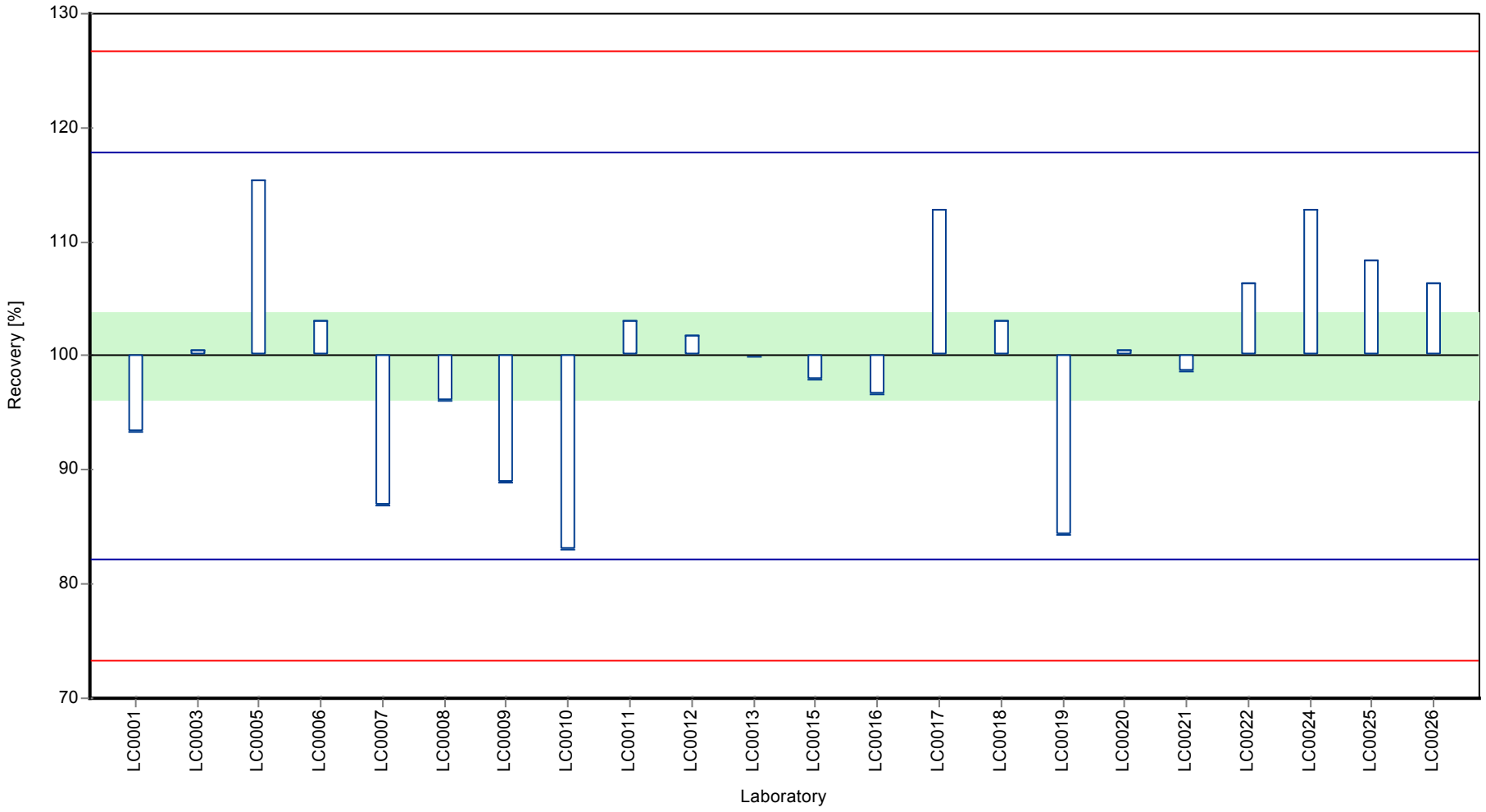
Results



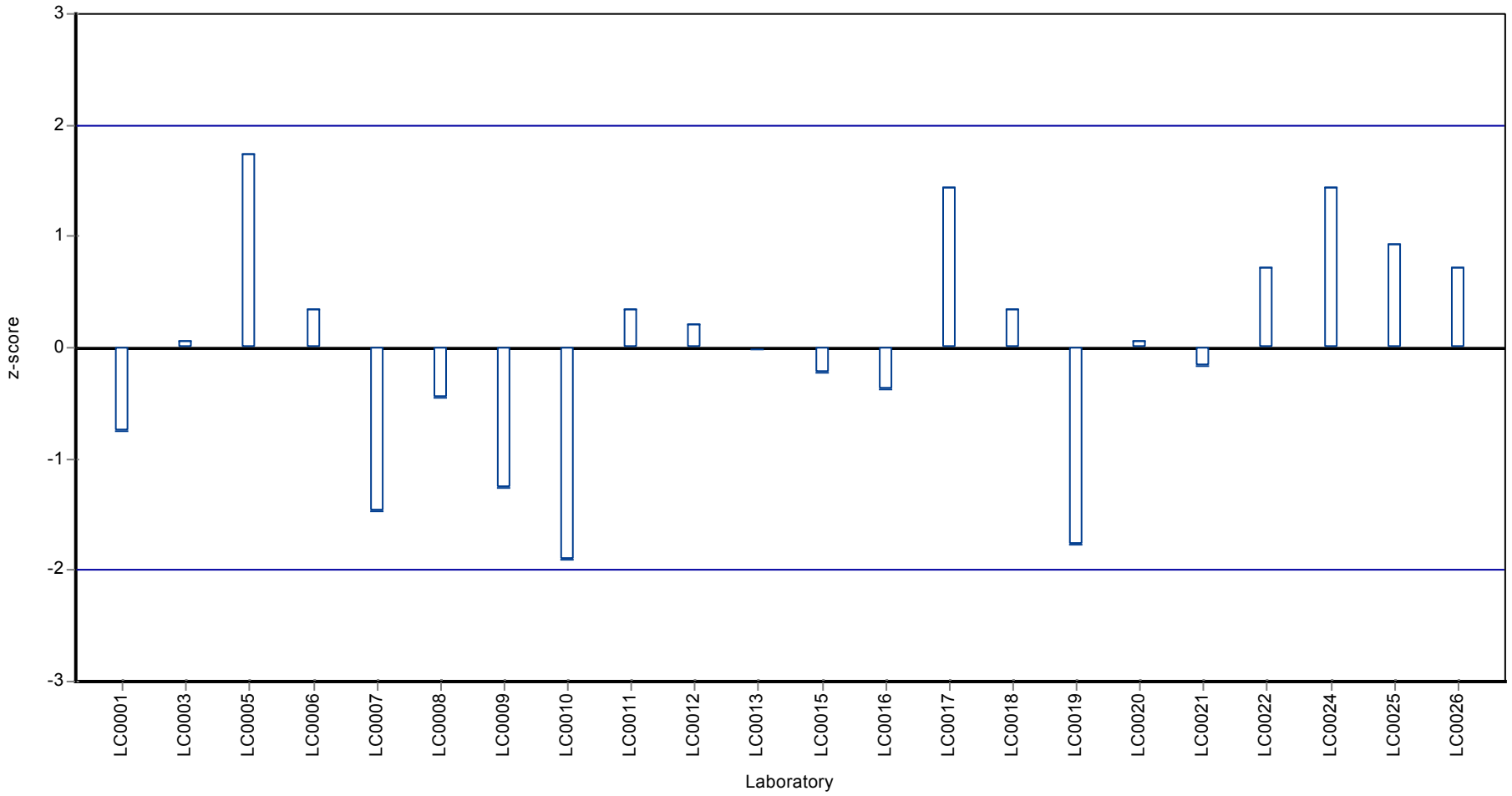
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Atrazine

Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0003
LC0005
LC0006
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0024
LC0025
LC0026
Laboratory

Parameter oriented report

PM02 B

Atrazine

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.003 - 0.006
Control test value ± U	<0.025 (LOD)

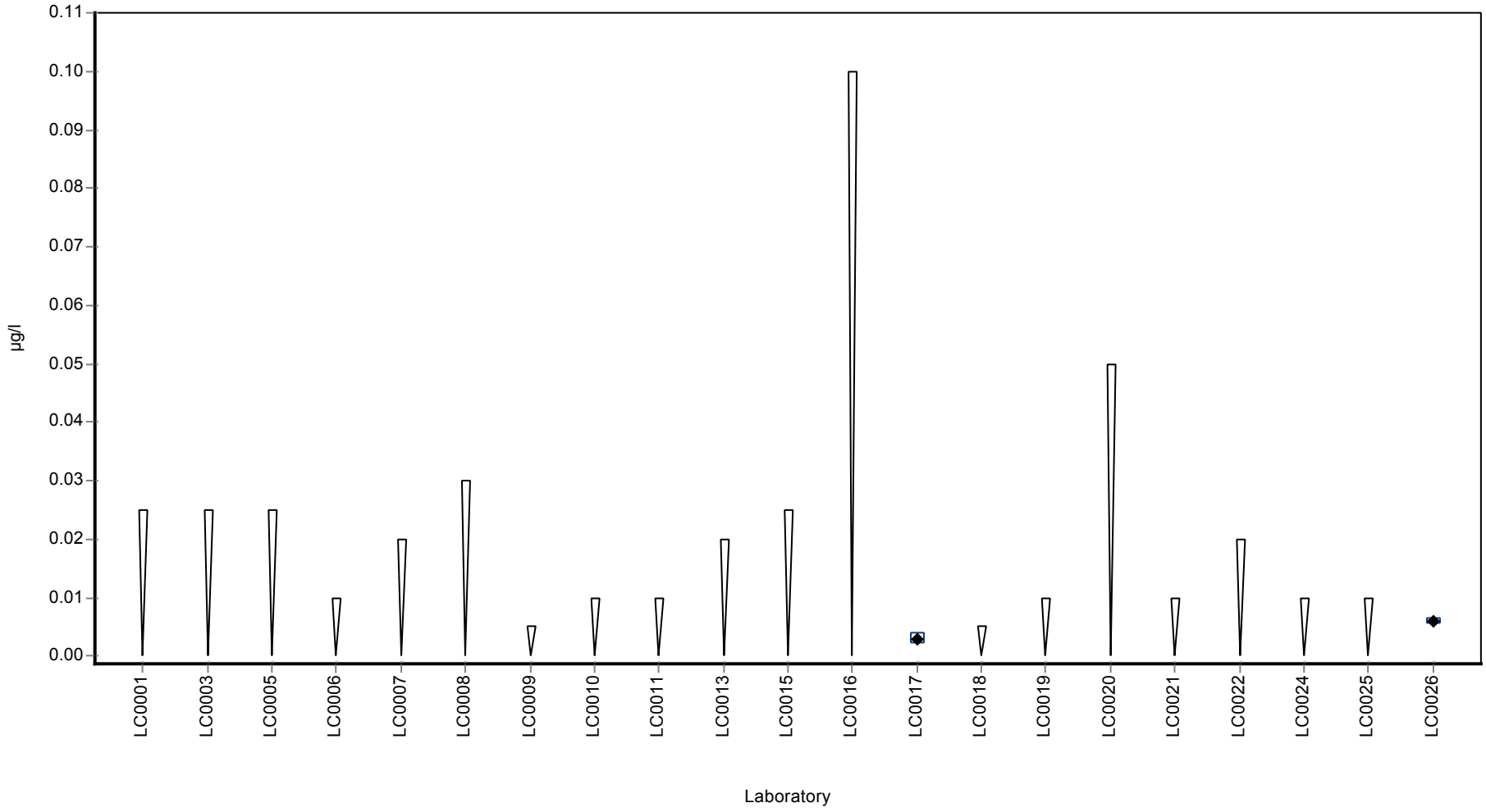
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.025 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.025 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	< 0.01 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.025 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	0.003	0.001	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	0.006	0.0006	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0045 ± 0.0045	-	µg/l
Minimum	0.003	0.003	µg/l
Maximum	0.006	0.006	µg/l
Standard deviation	0.00212	-	µg/l
rel. Standard deviation	47.1	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Atrazine-2-hydroxy

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

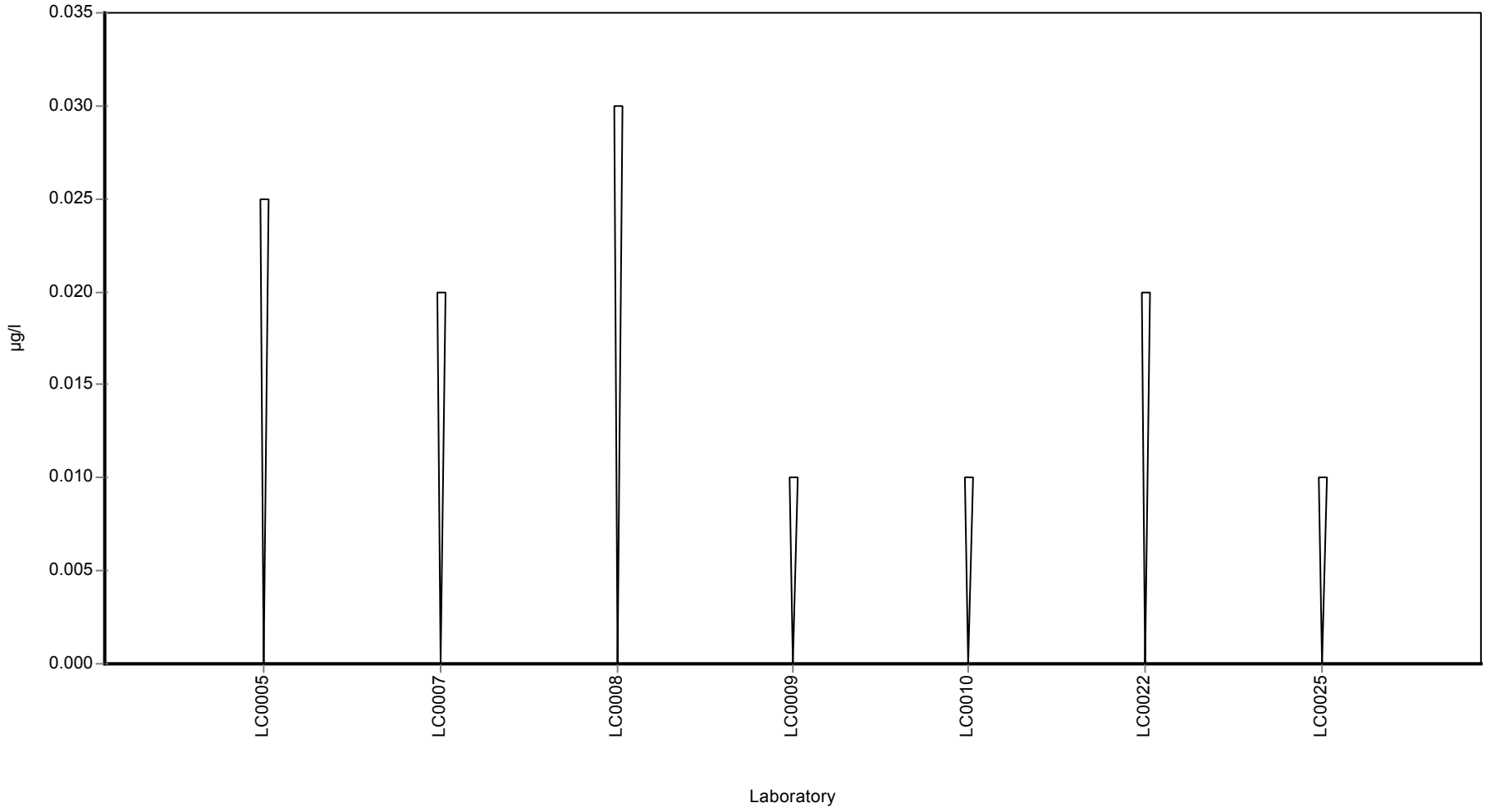
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Atrazine-2-hydroxy

Unit	µg/l
Mean ± CI (99%)	1.52 ± 0.174
Minimum - Maximum	1.27 - 1.73
Control test value ± U	1.61 ± 0.242

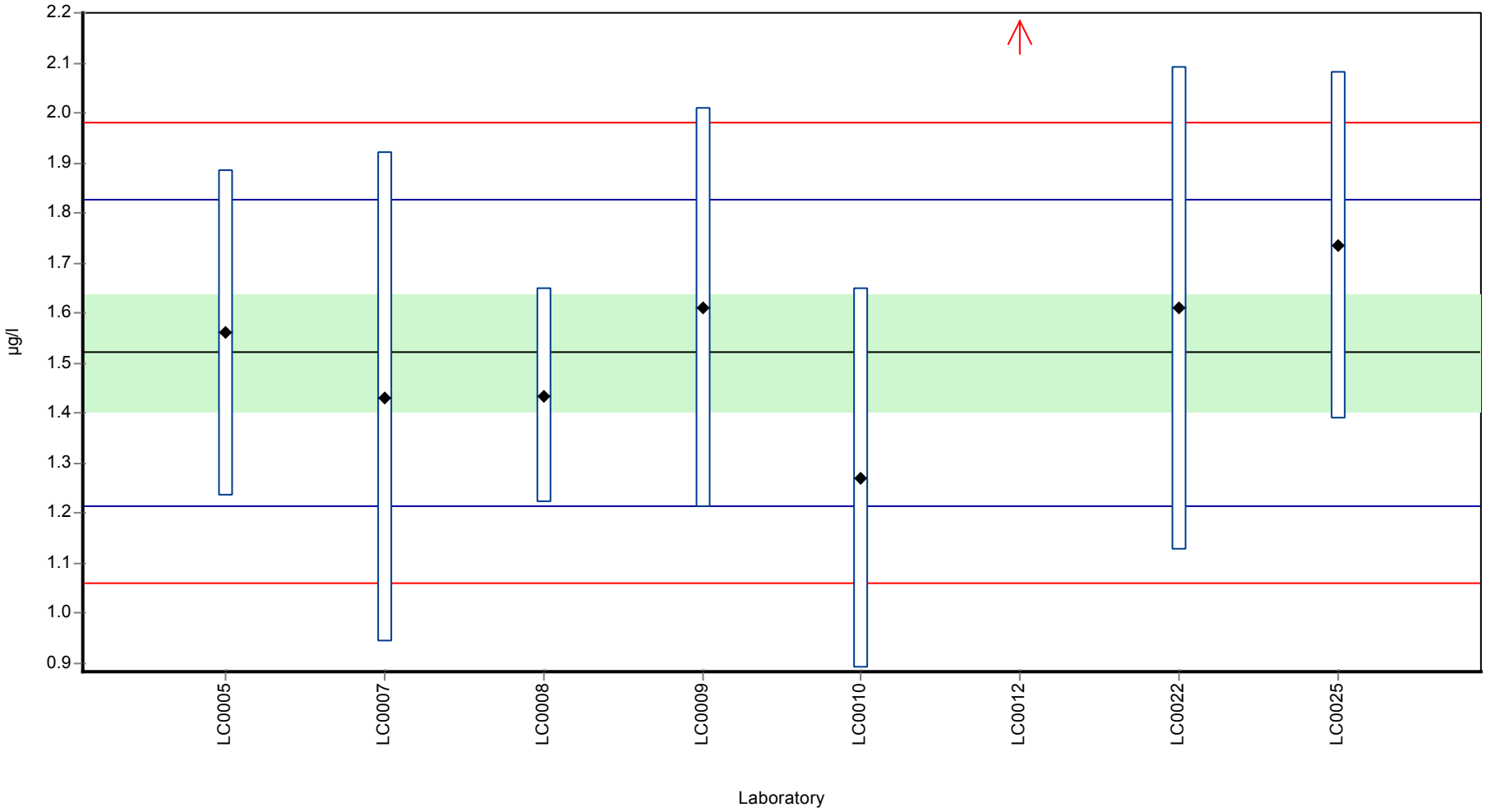
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	1.56	0.327	103	0.25	
LC0006	-	-	-	-	
LC0007	1.432	0.489	94.1	-0.58	
LC0008	1.435	0.215	94.3	-0.56	
LC0009	1.61	0.4	106	0.58	
LC0010	1.27	0.381	83.5	-1.64	
LC0011	-	-	-	-	
LC0012	2.815	0.137	185	8.44	H
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	1.61	0.483	106	0.58	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	1.734	0.347	114	1.39	
LC0026	-	-	-	-	

Characteristics of parameter

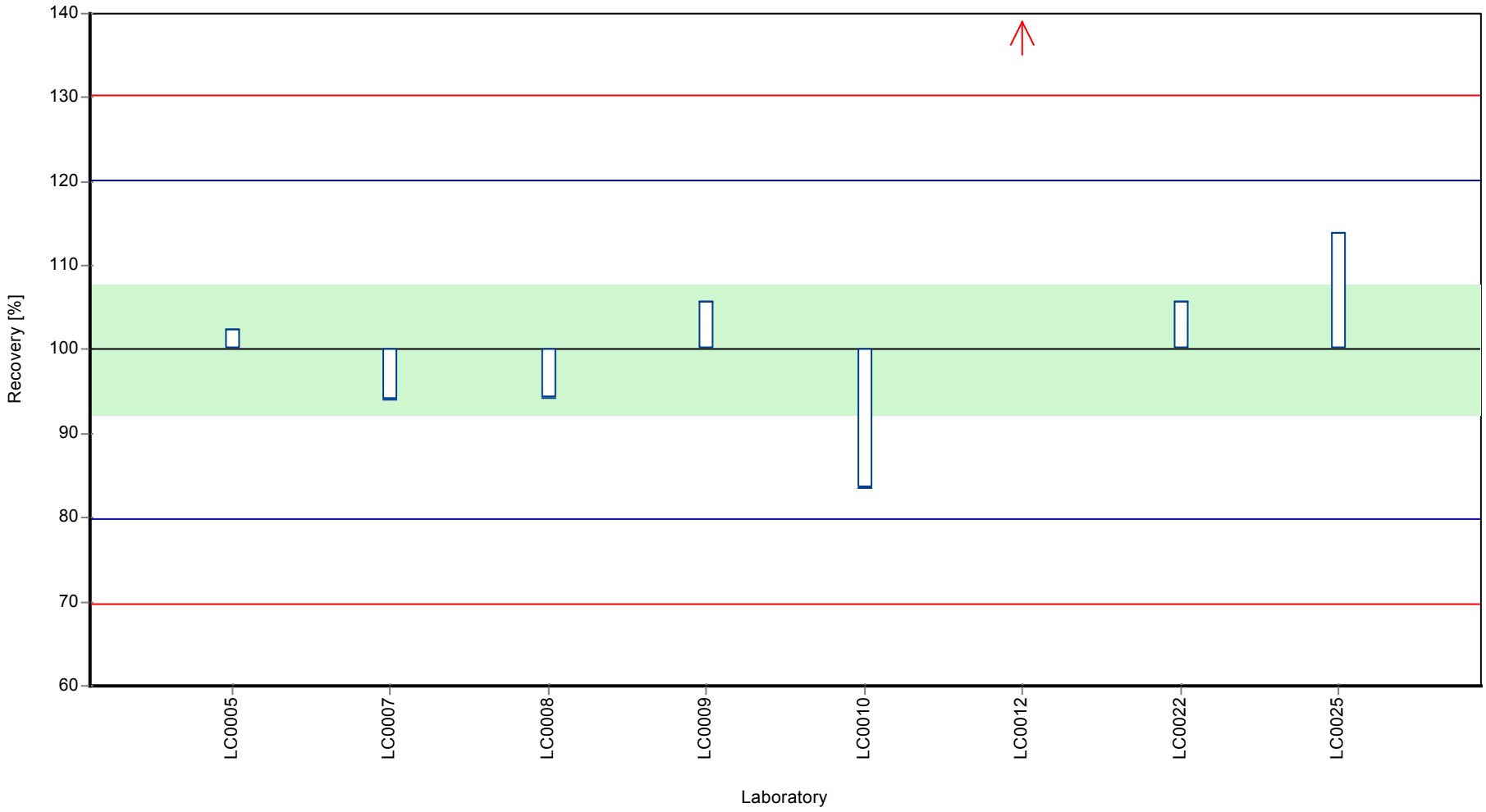
	all results	without outliers	Unit
Mean ± CI (99%)	1.68 ± 0.508	1.52 ± 0.174	µg/l
Minimum	1.27	1.27	µg/l
Maximum	2.81	1.73	µg/l
Standard deviation	0.479	0.153	µg/l
rel. Standard deviation	28.4	10.1	%
n	8	7	-

Graphical presentation of results

Results



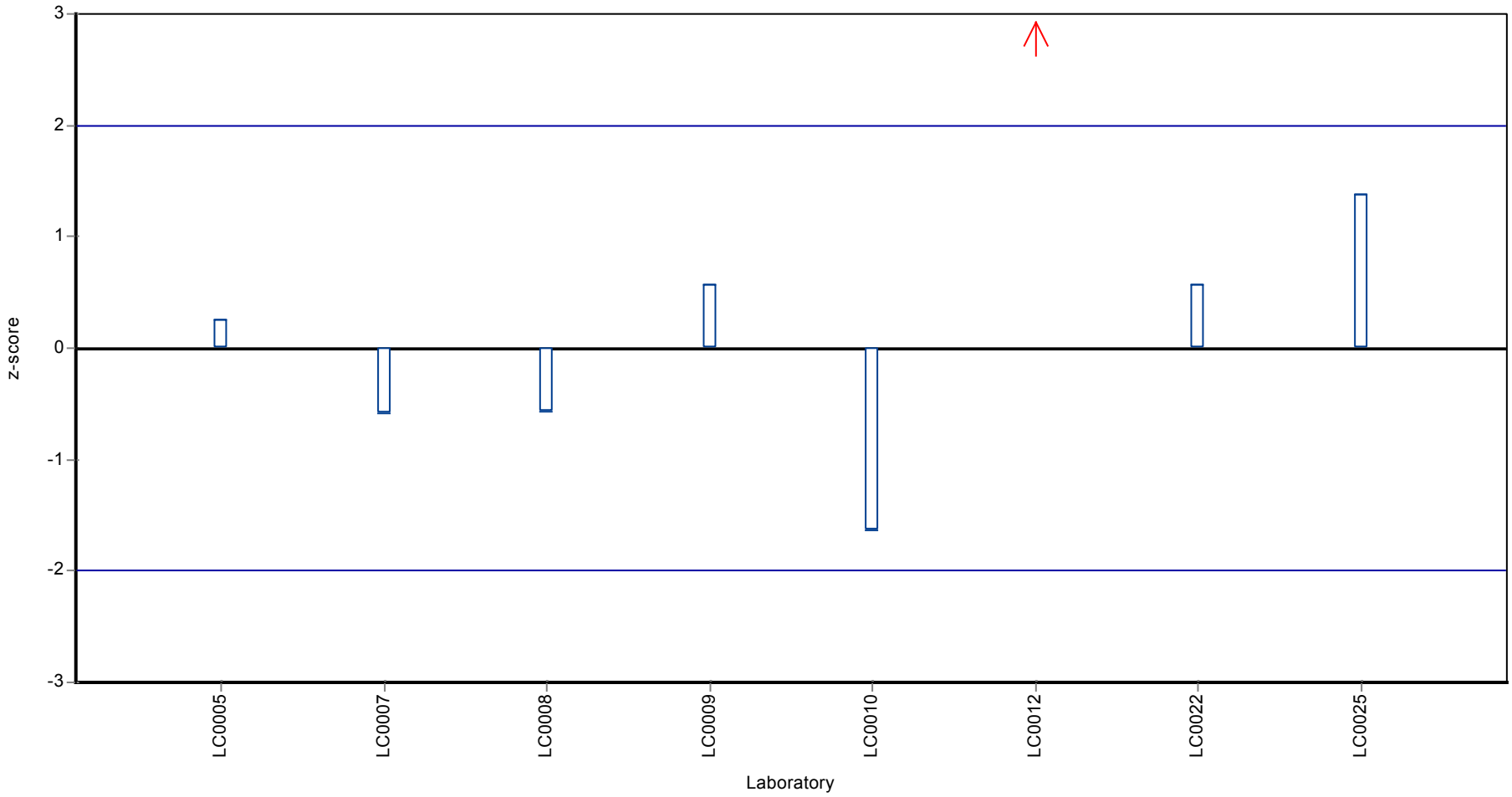
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Atrazine-2-hydroxy

Z-score



Parameter oriented report

PM02 A

Atrazine-desethyl

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.005 - 0.006
Control test value ± U	<0.025 (LOD)

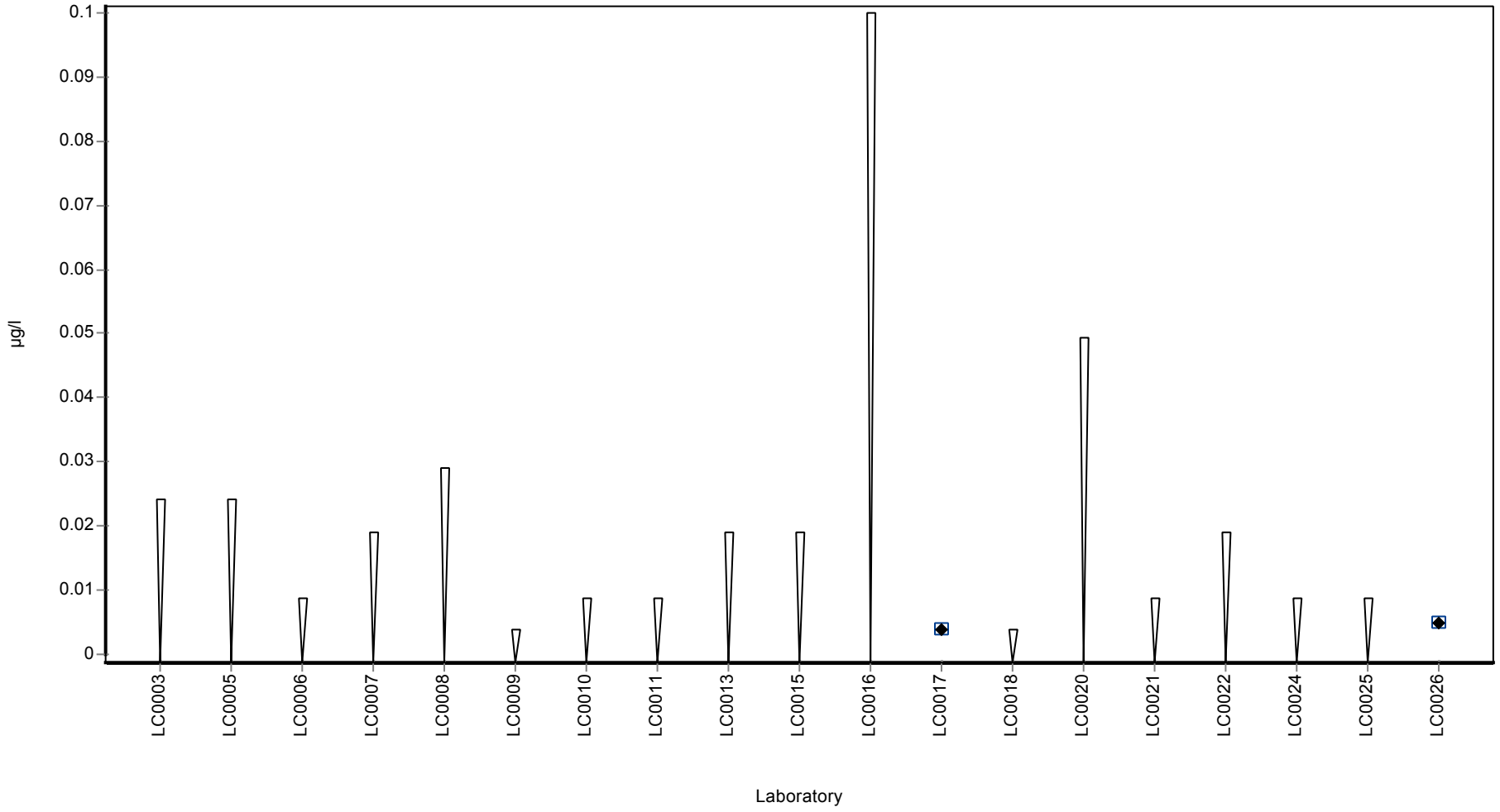
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.025 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	< 0.01 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	0.005	0.001	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	0.006	0.001	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0055 ± 0.0015	-	µg/l
Minimum	0.005	0.005	µg/l
Maximum	0.006	0.006	µg/l
Standard deviation	0.000707	-	µg/l
rel. Standard deviation	12.9	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Atrazine-desethyl

Unit	µg/l
Mean ± CI (99%)	0.212 ± 0.0153
Minimum - Maximum	0.164 - 0.272
Control test value ± U	0.214 ± 0.032

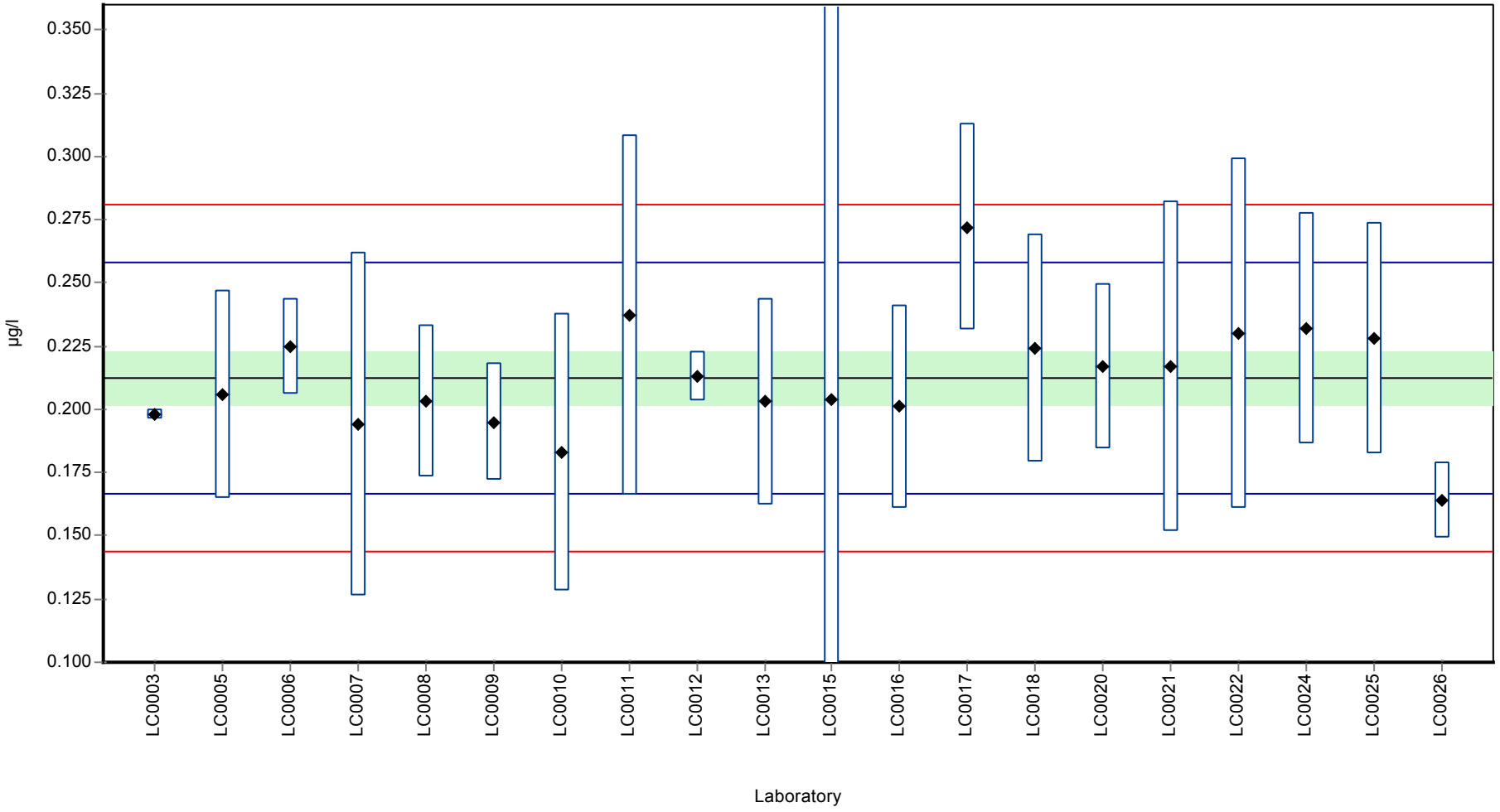
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.198	0.002	93.3	-0.63	
LC0004	-	-	-	-	
LC0005	0.206	0.0412	97	-0.28	
LC0006	0.225	0.019	106	0.56	
LC0007	0.194	0.068	91.4	-0.8	
LC0008	0.203	0.03	95.6	-0.41	
LC0009	0.195	0.023	91.9	-0.76	
LC0010	0.183	0.055	86.2	-1.28	
LC0011	0.237	0.0711	112	1.08	
LC0012	0.213	0.01	100	0.03	
LC0013	0.203	0.041	95.6	-0.41	
LC0014	-	-	-	-	
LC0015	0.204	0.3	96.1	-0.36	
LC0016	0.201	0.04	94.7	-0.49	
LC0017	0.272	0.041	128	2.61	
LC0018	0.224	0.045	106	0.51	
LC0019	-	-	-	-	
LC0020	0.217	0.03255	102	0.21	
LC0021	0.217	0.0651	102	0.21	
LC0022	0.23	0.069	108	0.78	
LC0023	-	-	-	-	
LC0024	0.232	0.046	109	0.86	
LC0025	0.228	0.046	107	0.69	
LC0026	0.164	0.015	77.2	-2.12	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.212 ± 0.0153	0.212 ± 0.0153	µg/l
Minimum	0.164	0.164	µg/l
Maximum	0.272	0.272	µg/l
Standard deviation	0.0228	0.0228	µg/l
rel. Standard deviation	10.8	10.8	%
n	20	20	-

Graphical presentation of results

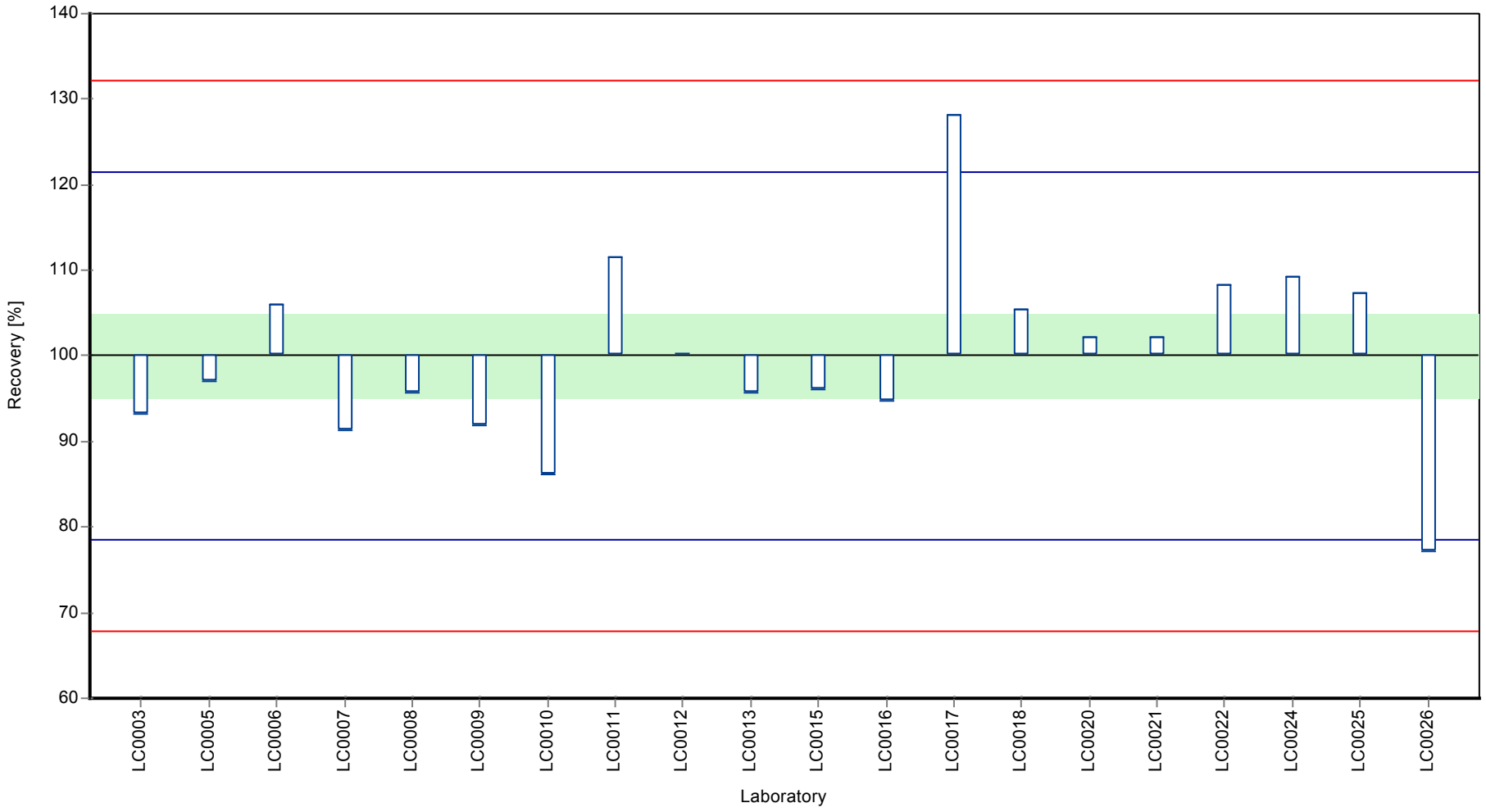
Results



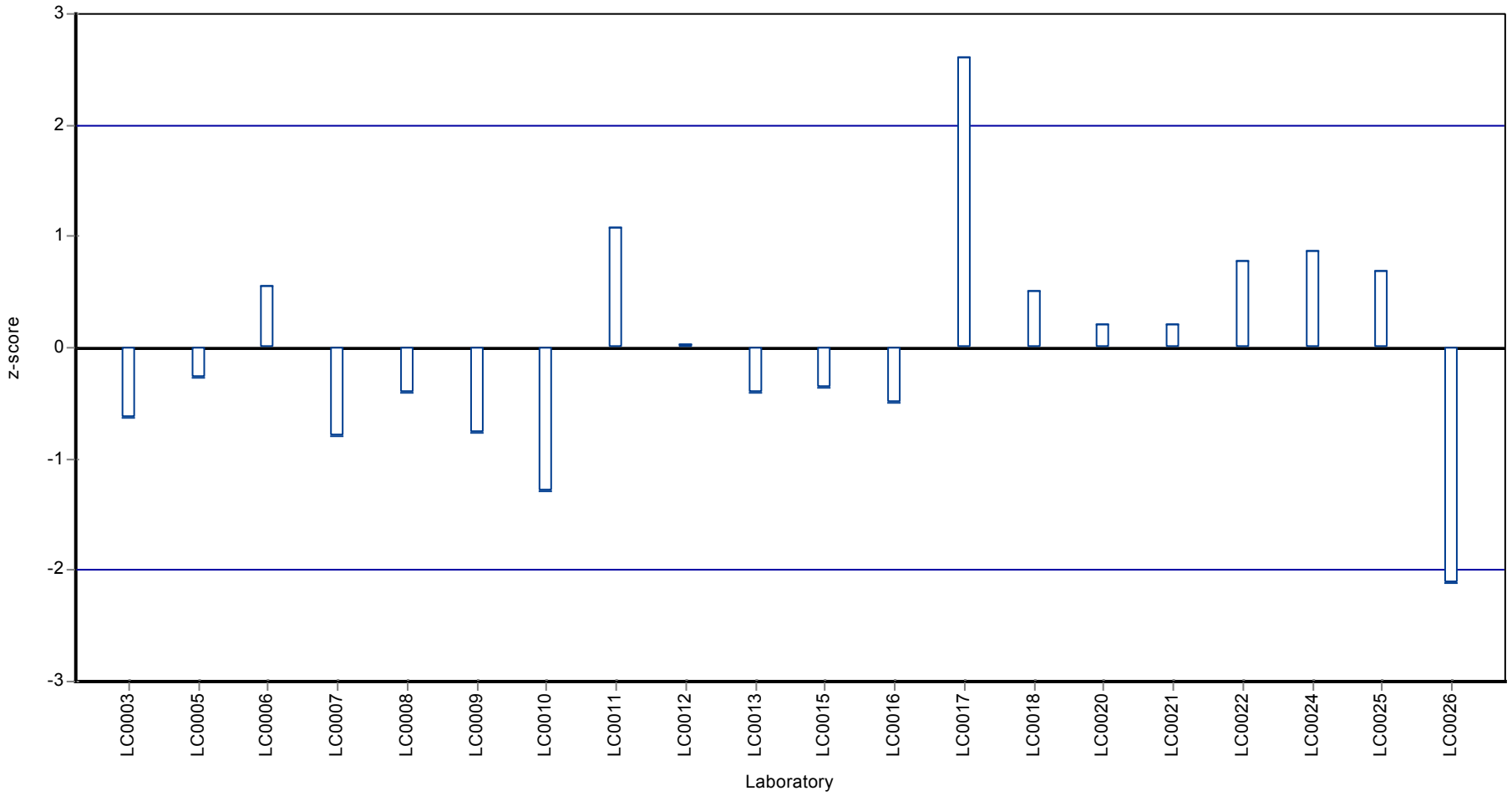
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Atrazine-desethyl

Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0003
LC0005
LC0006
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0020
LC0021
LC0022
LC0024
LC0025
LC0026
Laboratory

Parameter oriented report

PM02 A

Atrazine-desethyl-desisopropyl

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.014 - 0.014
Control test value ± U	<0.025 (LOD)

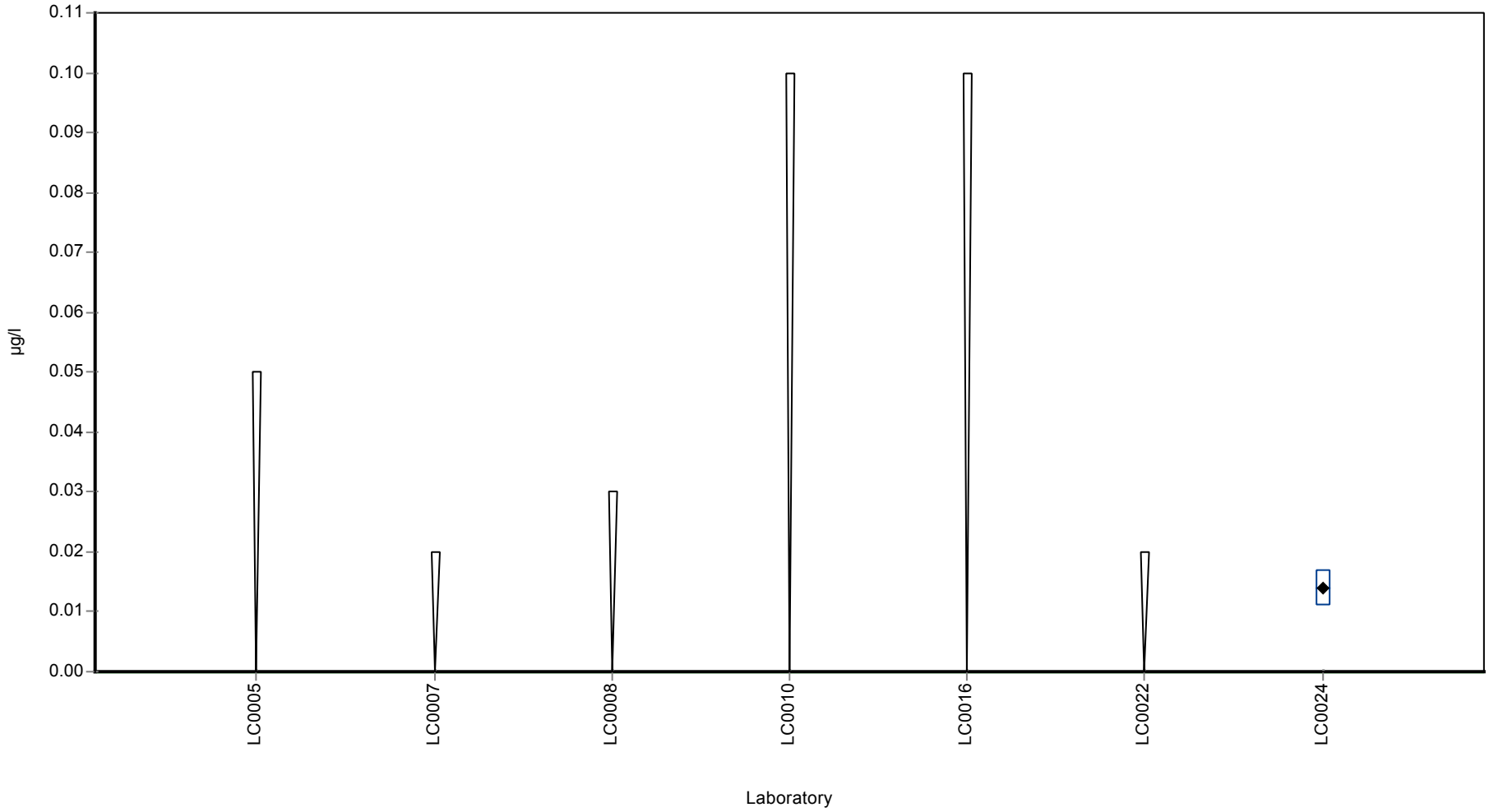
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.1 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	0.014	0.003	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.014	-	µg/l
Minimum	0.014	0.014	µg/l
Maximum	0.014	0.014	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Atrazine-desethyl-desisopropyl

Unit	µg/l
Mean ± CI (99%)	0.872 ± 0.204
Minimum - Maximum	0.642 - 1.09
Control test value ± U	0.905 ± 0.136

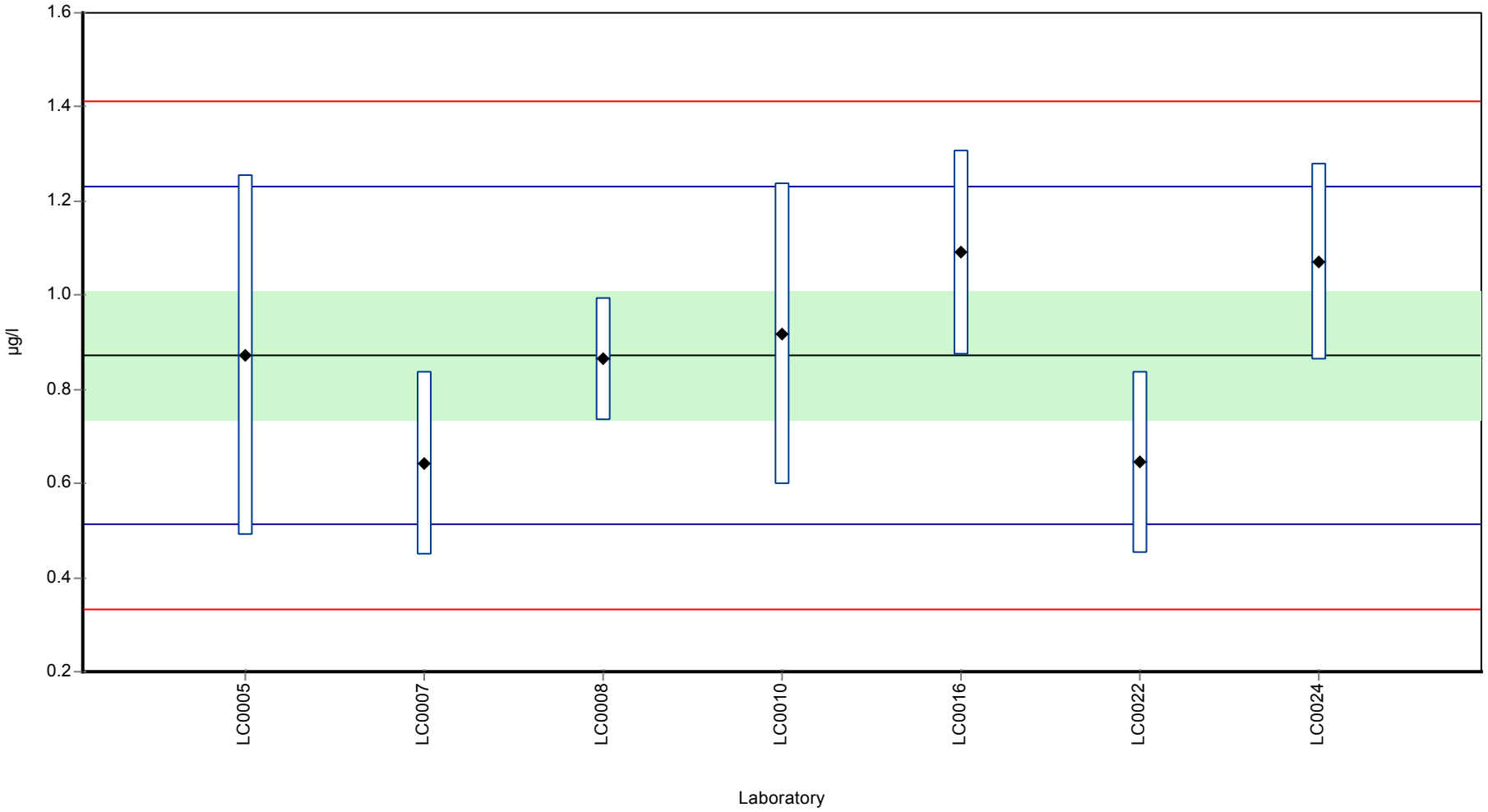
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.872	0.384	100	0.00	
LC0006	-	-	-	-	
LC0007	0.642	0.194	73.6	-1.28	
LC0008	0.864	0.13	99.1	-0.04	
LC0009	-	-	-	-	
LC0010	0.918	0.321	105	0.26	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	1.091	0.218	125	1.22	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.645	0.1935	74	-1.26	
LC0023	-	-	-	-	
LC0024	1.07	0.21	123	1.1	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.872 ± 0.204	0.872 ± 0.204	µg/l
Minimum	0.642	0.642	µg/l
Maximum	1.09	1.09	µg/l
Standard deviation	0.18	0.18	µg/l
rel. Standard deviation	20.6	20.6	%
n	7	7	-

Graphical presentation of results

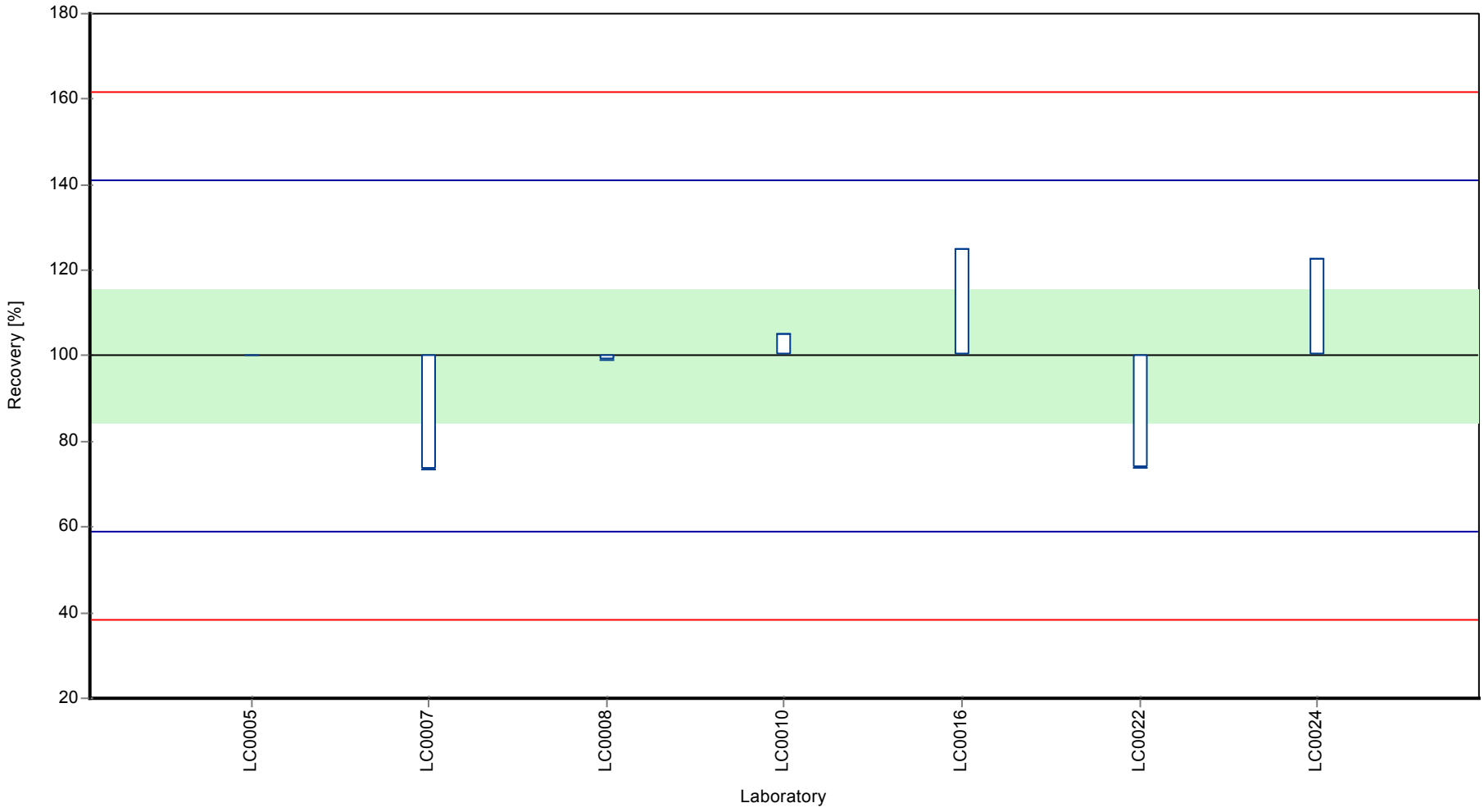
Results



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Atrazine-desethyl-desisopropyl

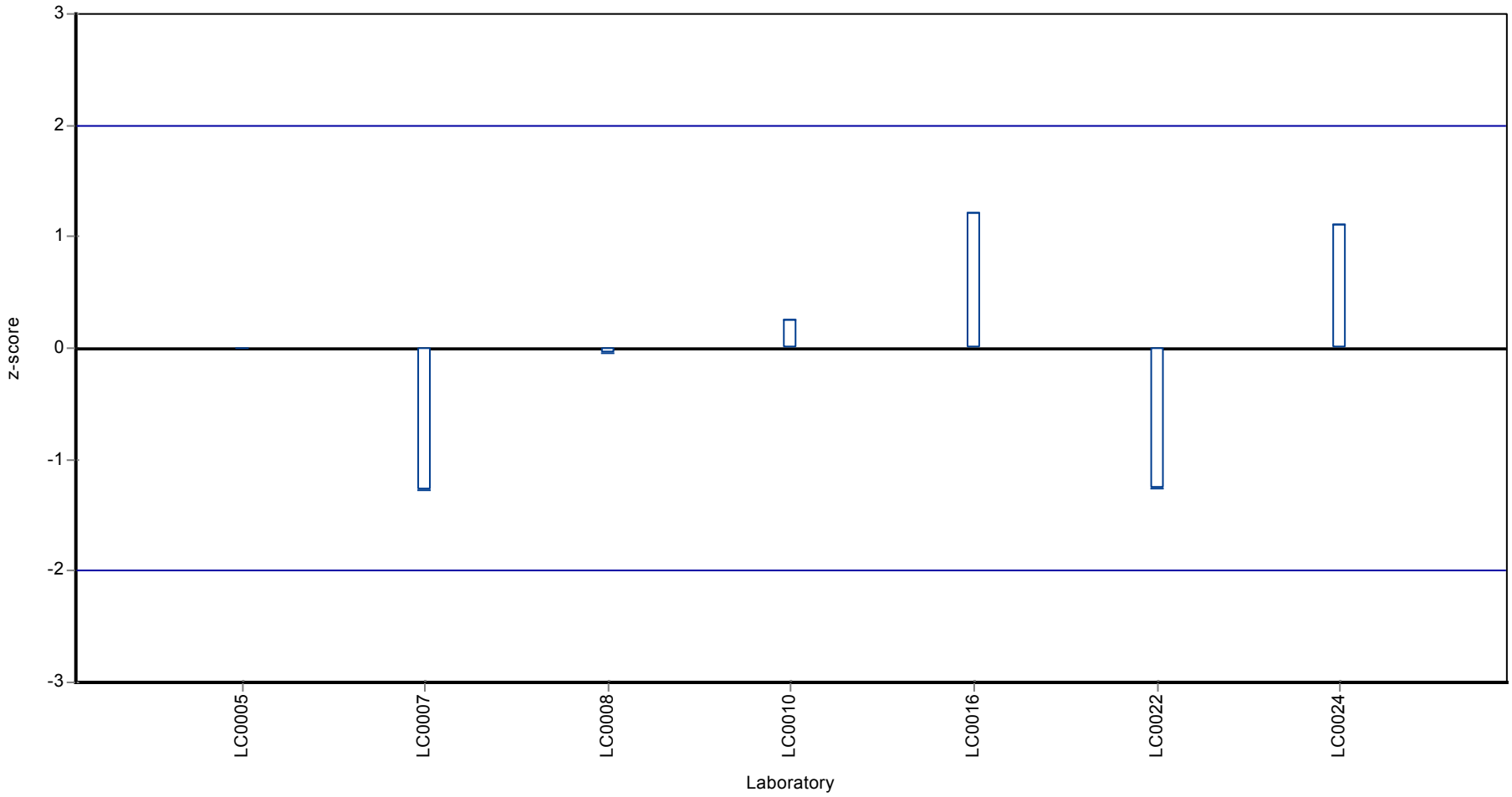
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Atrazine-desethyl-desisopropyl

Z-score



Parameter oriented report

PM02 A

Atrazine-desisopropyl

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

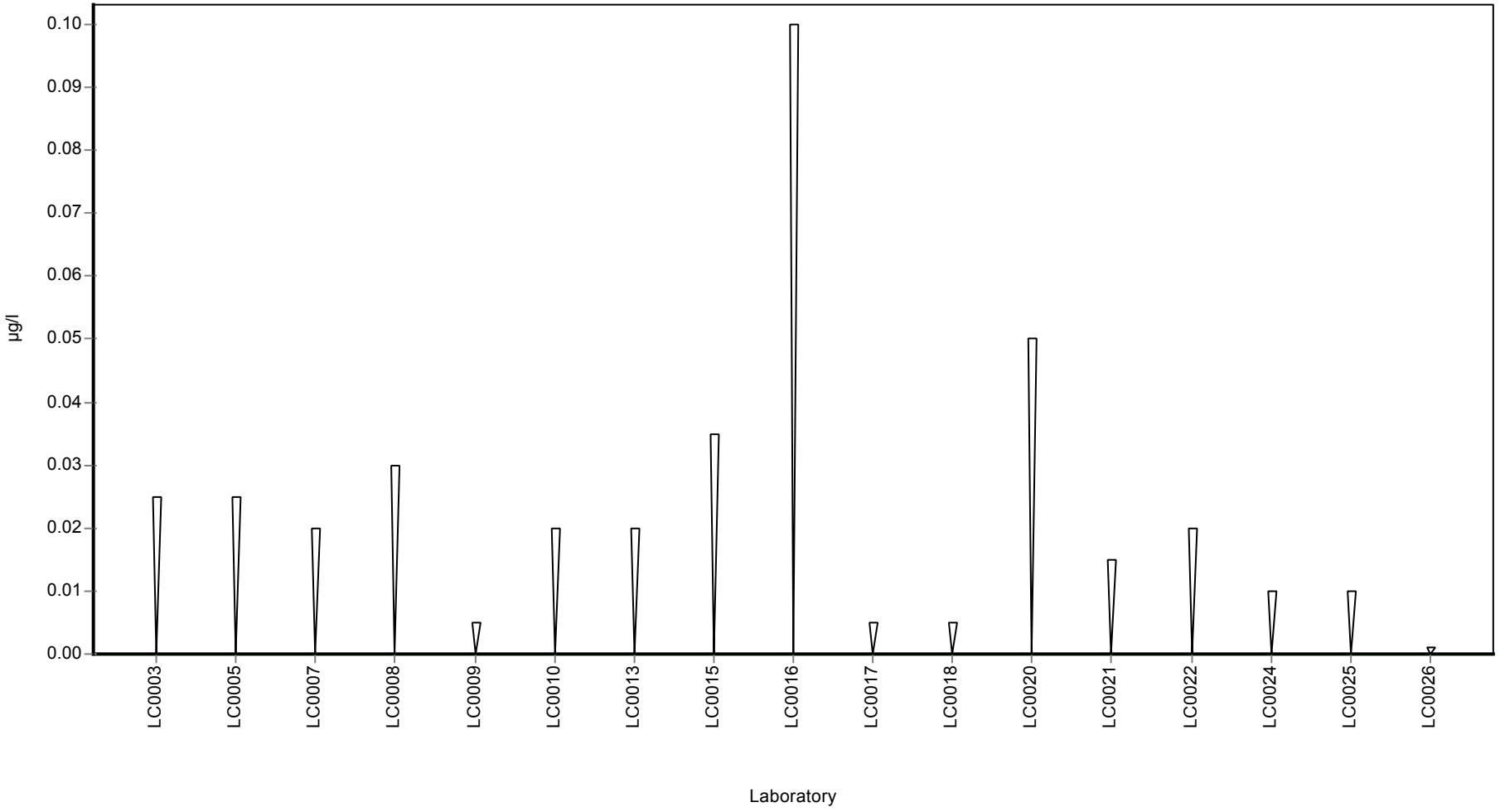
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.025 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.035 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.005 (LOD)	-	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.015 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	< 0.001 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Atrazine-desisopropyl

Unit	µg/l
Mean ± CI (99%)	0.46 ± 0.0348
Minimum - Maximum	0.37 - 0.564
Control test value ± U	0.401 ± 0.0602

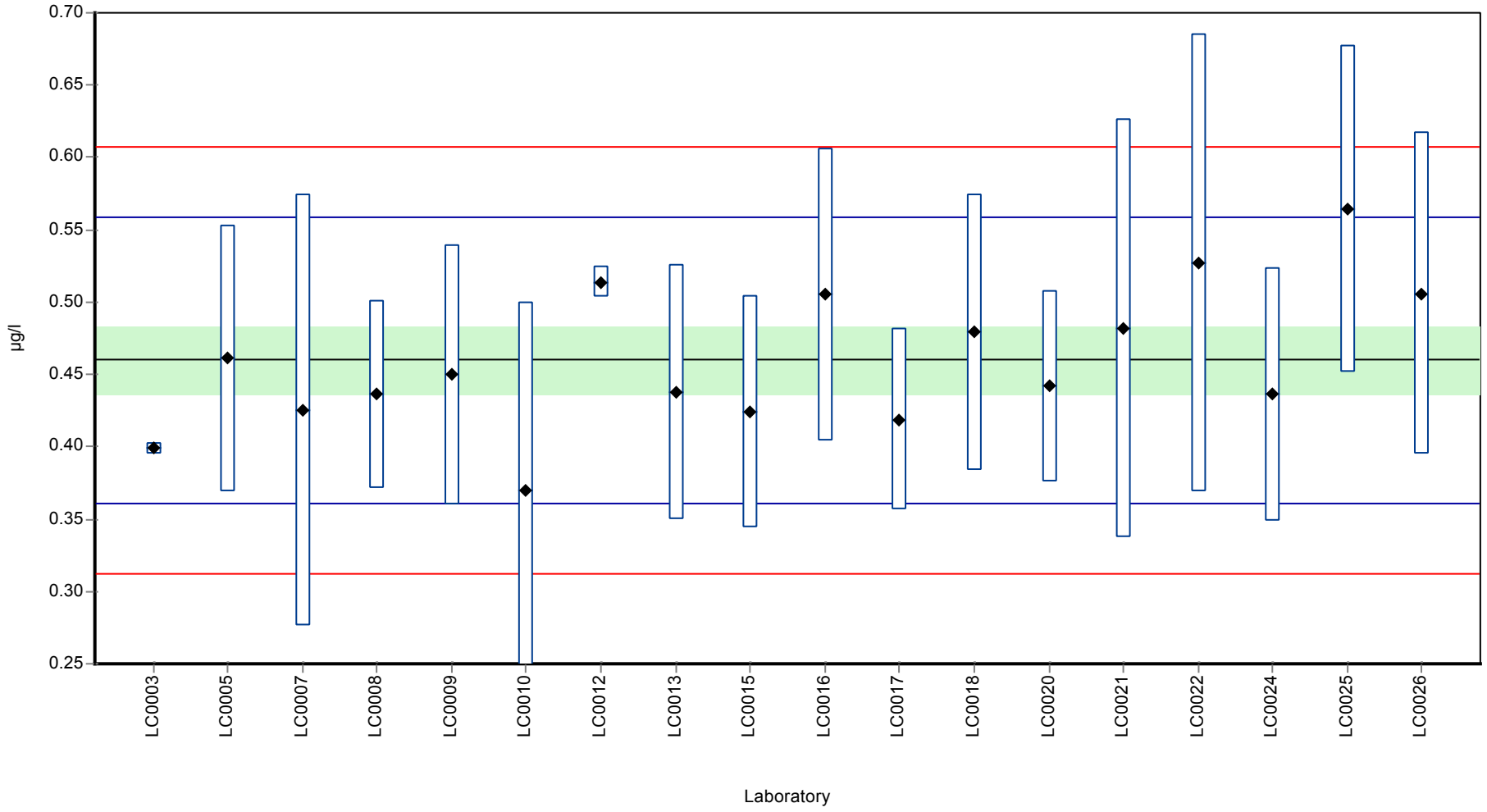
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.399	0.004	86.8	-1.23	
LC0004	-	-	-	-	
LC0005	0.461	0.0922	100	0.02	
LC0006	-	-	-	-	
LC0007	0.425	0.149	92.4	-0.71	
LC0008	0.436	0.065	94.8	-0.48	
LC0009	0.45	0.09	97.9	-0.2	
LC0010	0.37	0.13	80.5	-1.82	
LC0011	-	-	-	-	
LC0012	0.514	0.011	112	1.1	
LC0013	0.438	0.088	95.3	-0.44	
LC0014	-	-	-	-	
LC0015	0.424	0.08	92.2	-0.73	
LC0016	0.505	0.101	110	0.92	
LC0017	0.419	0.063	91.1	-0.83	
LC0018	0.479	0.096	104	0.39	
LC0019	-	-	-	-	
LC0020	0.442	0.0663	96.1	-0.36	
LC0021	0.482	0.1446	105	0.45	
LC0022	0.527	0.1581	115	1.36	
LC0023	-	-	-	-	
LC0024	0.436	0.088	94.8	-0.48	
LC0025	0.564	0.113	123	2.11	
LC0026	0.506	0.111	110	0.94	

Characteristics of parameter

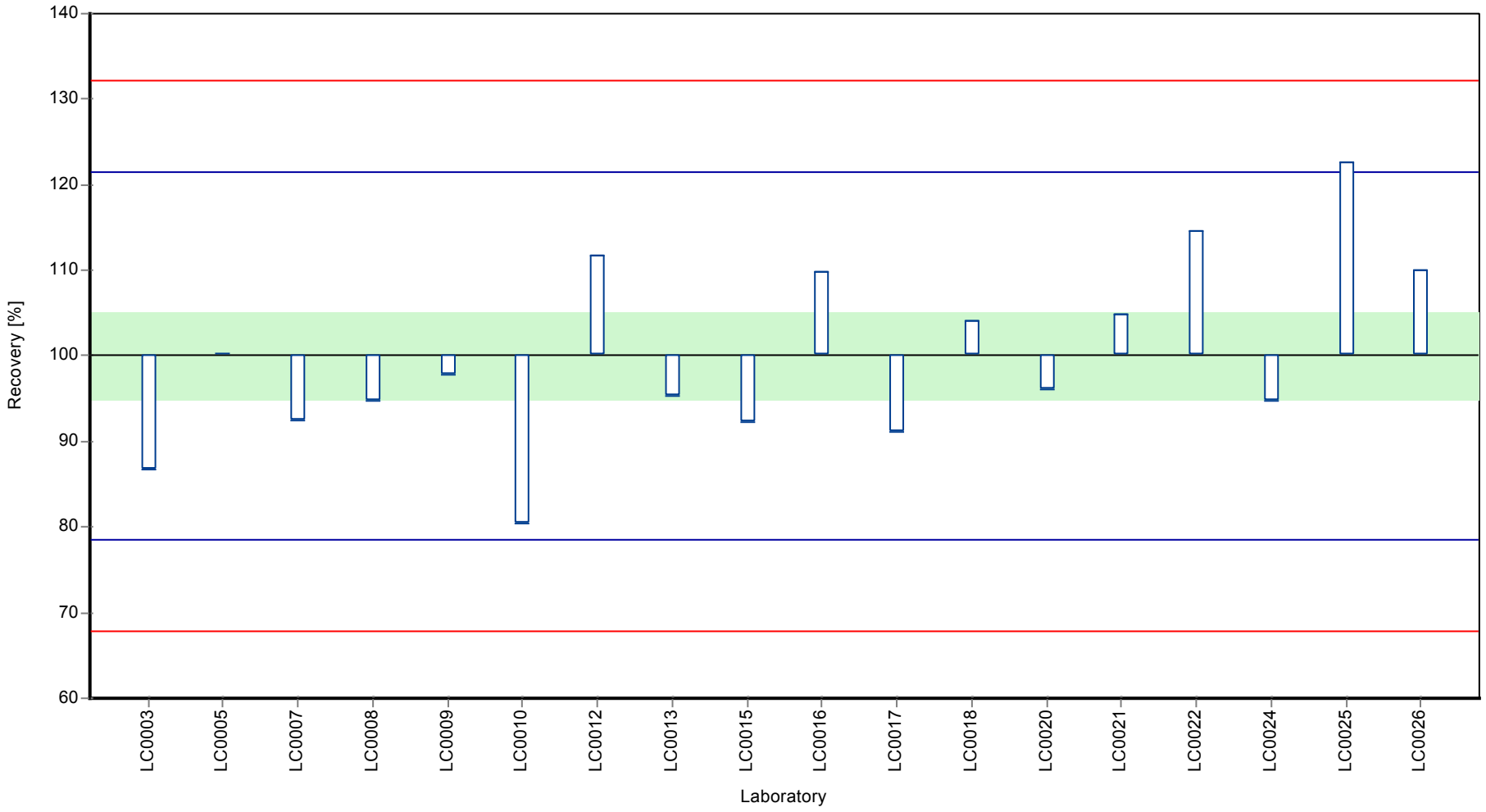
	all results	without outliers	Unit
Mean ± CI (99%)	0.46 ± 0.0348	0.46 ± 0.0348	µg/l
Minimum	0.37	0.37	µg/l
Maximum	0.564	0.564	µg/l
Standard deviation	0.0493	0.0493	µg/l
rel. Standard deviation	10.7	10.7	%
n	18	18	-

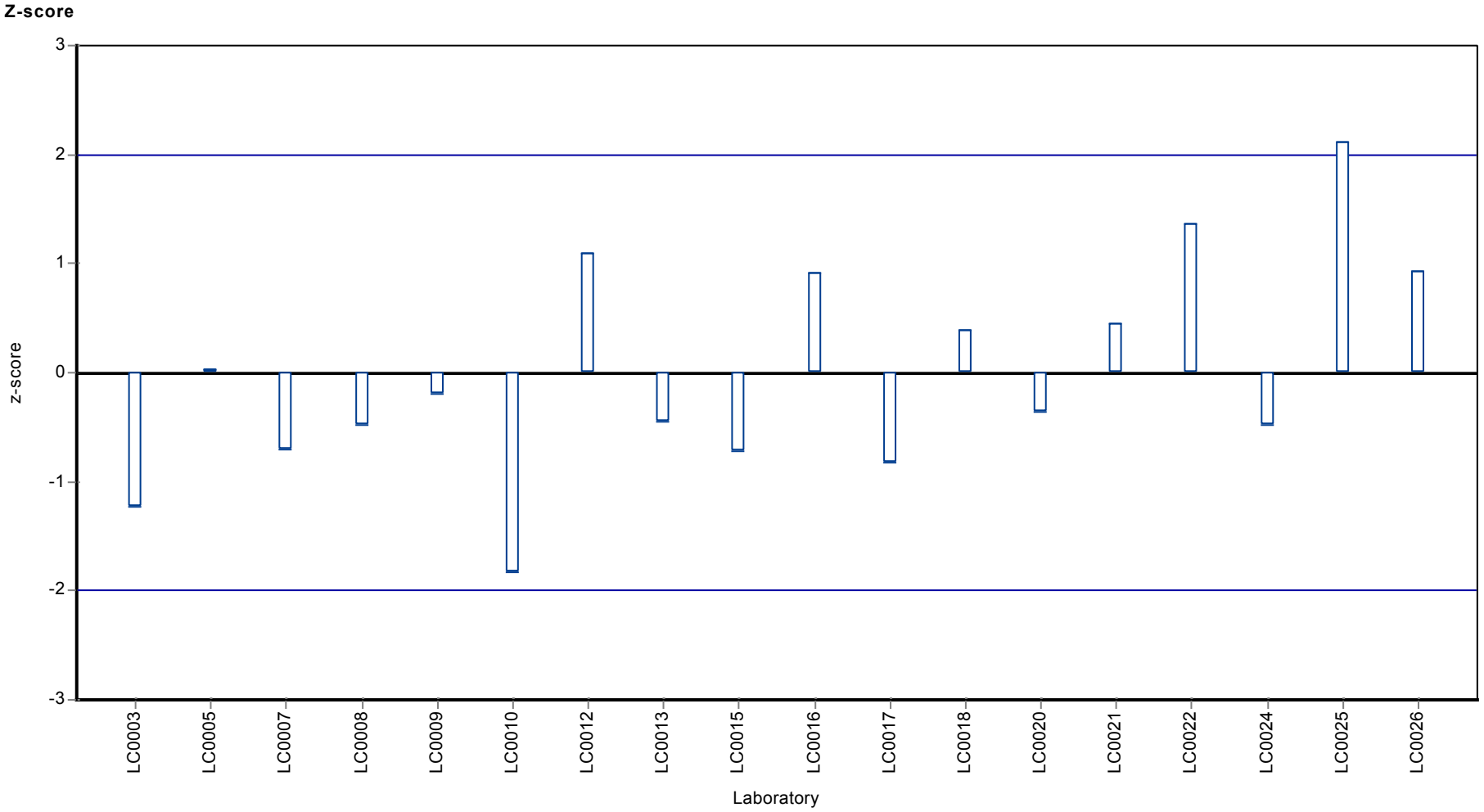
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0003
LC0005
LC0007
LC0008
LC0009
LC0010
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0020
LC0021
LC0022
LC0024
LC0025
LC0026
Laboratory

Parameter oriented report

PM02 A

Azoxystrobin

Unit	µg/l
Mean ± CI (99%)	0.141 ± 0.0175
Minimum - Maximum	0.095 - 0.182
Control test value ± U	0.143 ± 0.0215

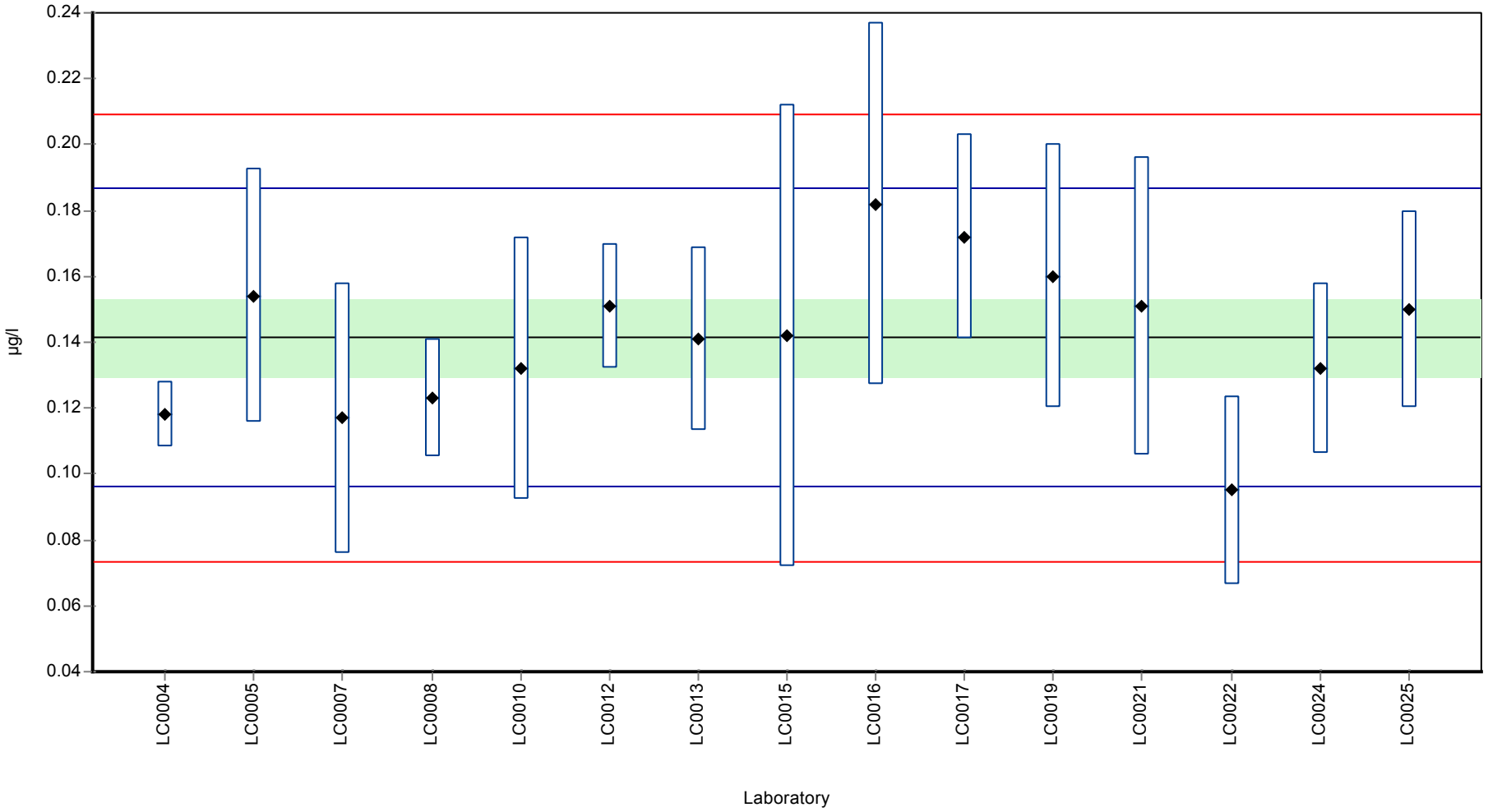
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.118	0.01	83.5	-1.03	
LC0005	0.154	0.0386	109	0.56	
LC0006	-	-	-	-	
LC0007	0.117	0.041	82.8	-1.08	
LC0008	0.123	0.018	87	-0.81	
LC0009	-	-	-	-	
LC0010	0.132	0.04	93.4	-0.41	
LC0011	-	-	-	-	
LC0012	0.151	0.019	107	0.43	
LC0013	0.141	0.028	99.8	-0.01	
LC0014	-	-	-	-	
LC0015	0.142	0.07	100	0.03	
LC0016	0.182	0.055	129	1.8	
LC0017	0.172	0.031	122	1.36	
LC0018	-	-	-	-	
LC0019	0.16	0.04	113	0.82	
LC0020	-	-	-	-	
LC0021	0.151	0.0453	107	0.43	
LC0022	0.095	0.0285	67.2	-2.05	
LC0023	-	-	-	-	
LC0024	0.132	0.026	93.4	-0.41	
LC0025	0.15	0.03	106	0.38	
LC0026	-	-	-	-	

Characteristics of parameter

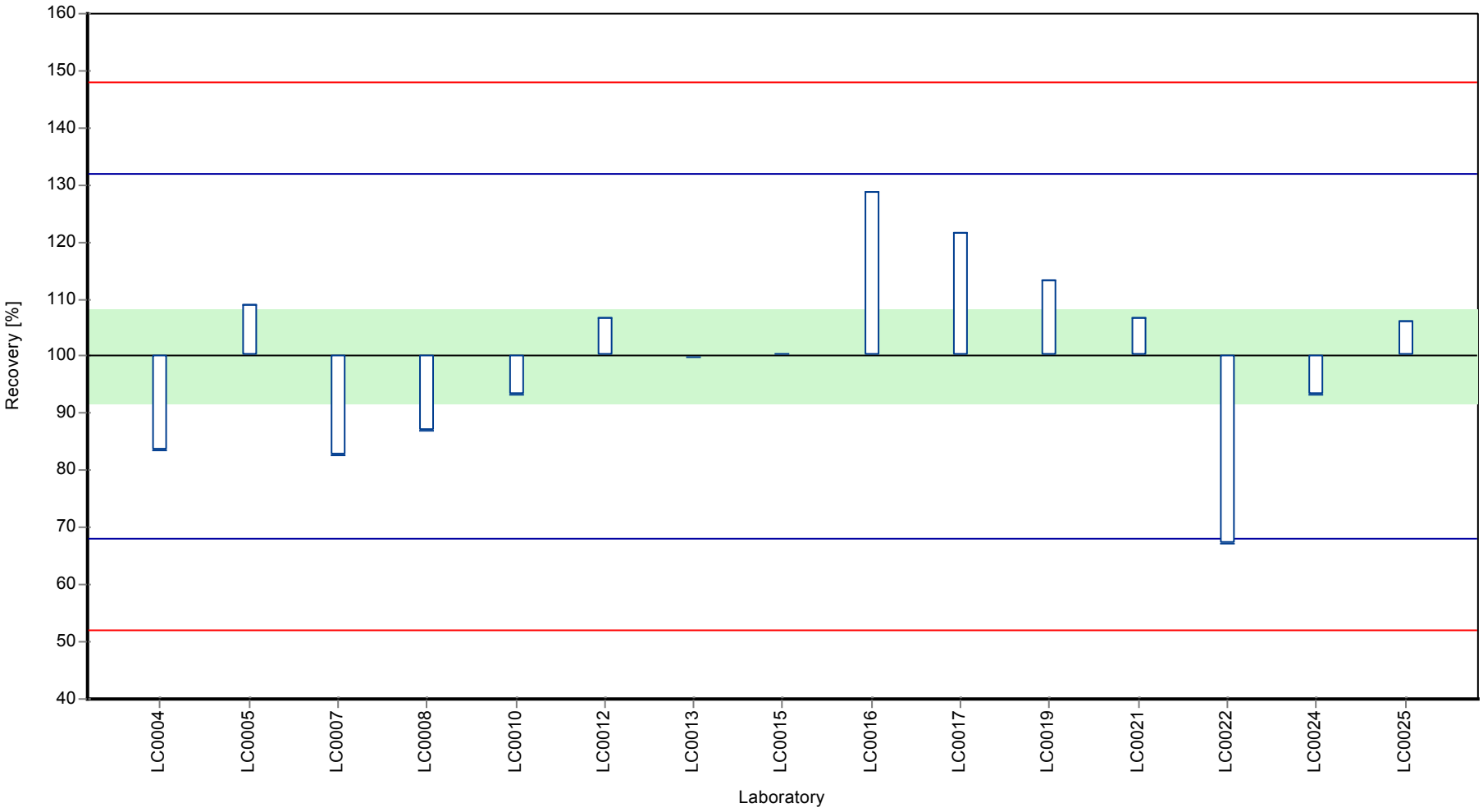
	all results	without outliers	Unit
Mean ± CI (99%)	0.141 ± 0.0175	0.141 ± 0.0175	µg/l
Minimum	0.095	0.095	µg/l
Maximum	0.182	0.182	µg/l
Standard deviation	0.0226	0.0226	µg/l
rel. Standard deviation	16	16	%
n	15	15	-

Graphical presentation of results

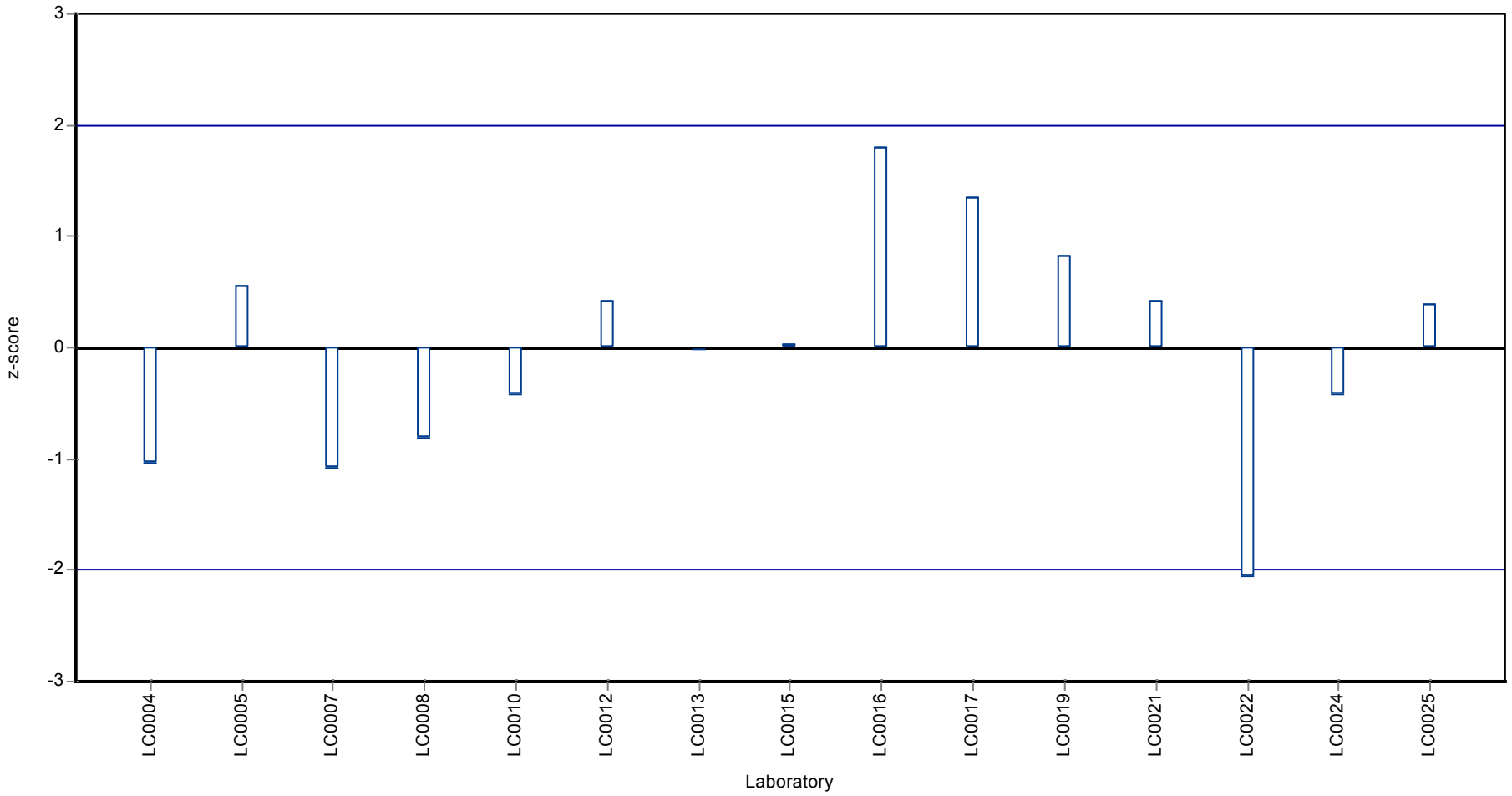
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0004
LC0005
LC0007
LC0008
LC0010
LC0012
LC0013
LC0015
LC0016
LC0017
LC0019
LC0021
LC0022
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 B

Azoxystrobin

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

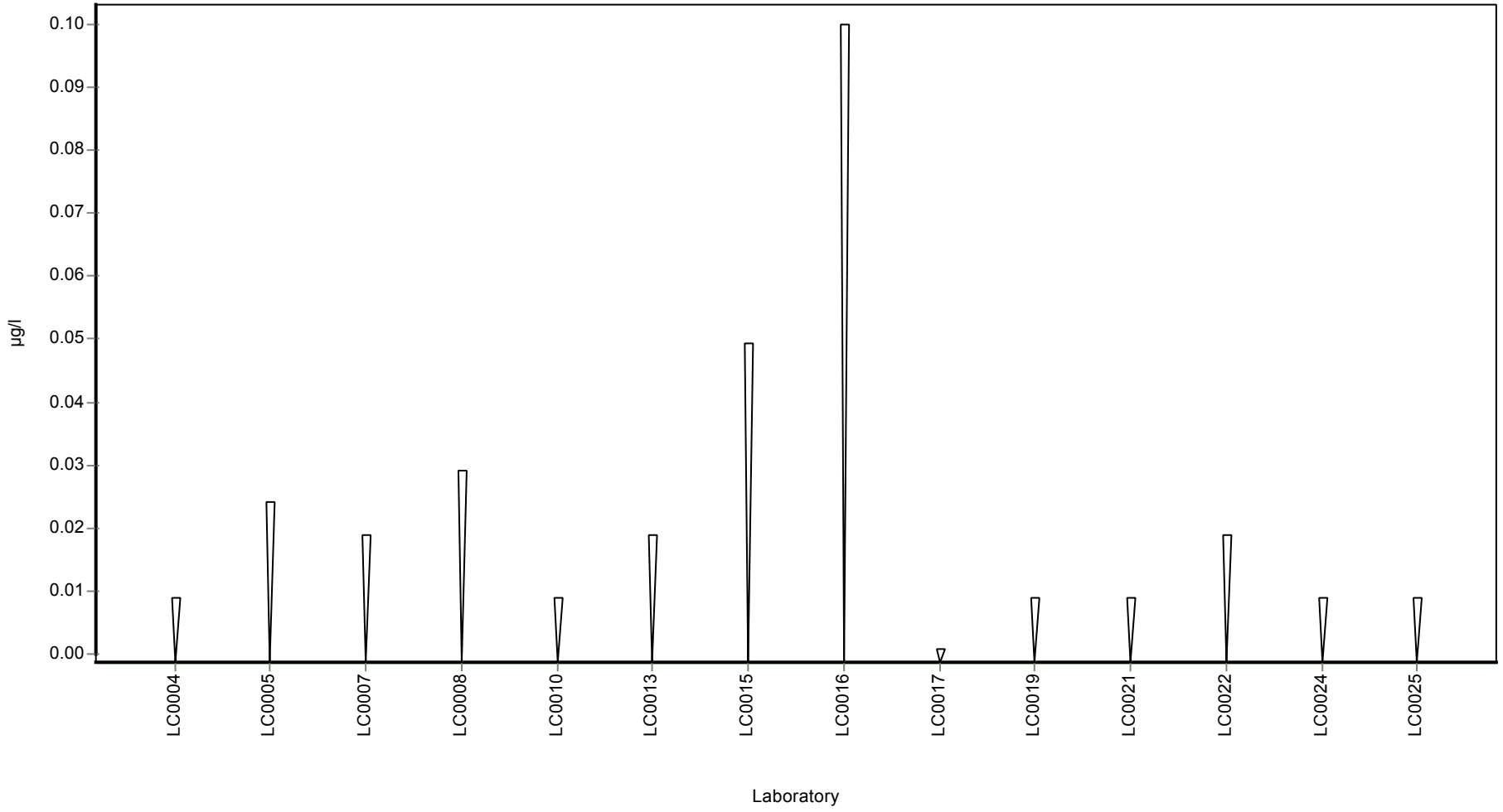
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.05 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	< 0.002 (LOQ)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Azoxystrobin-O-demethyl (CyPM)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

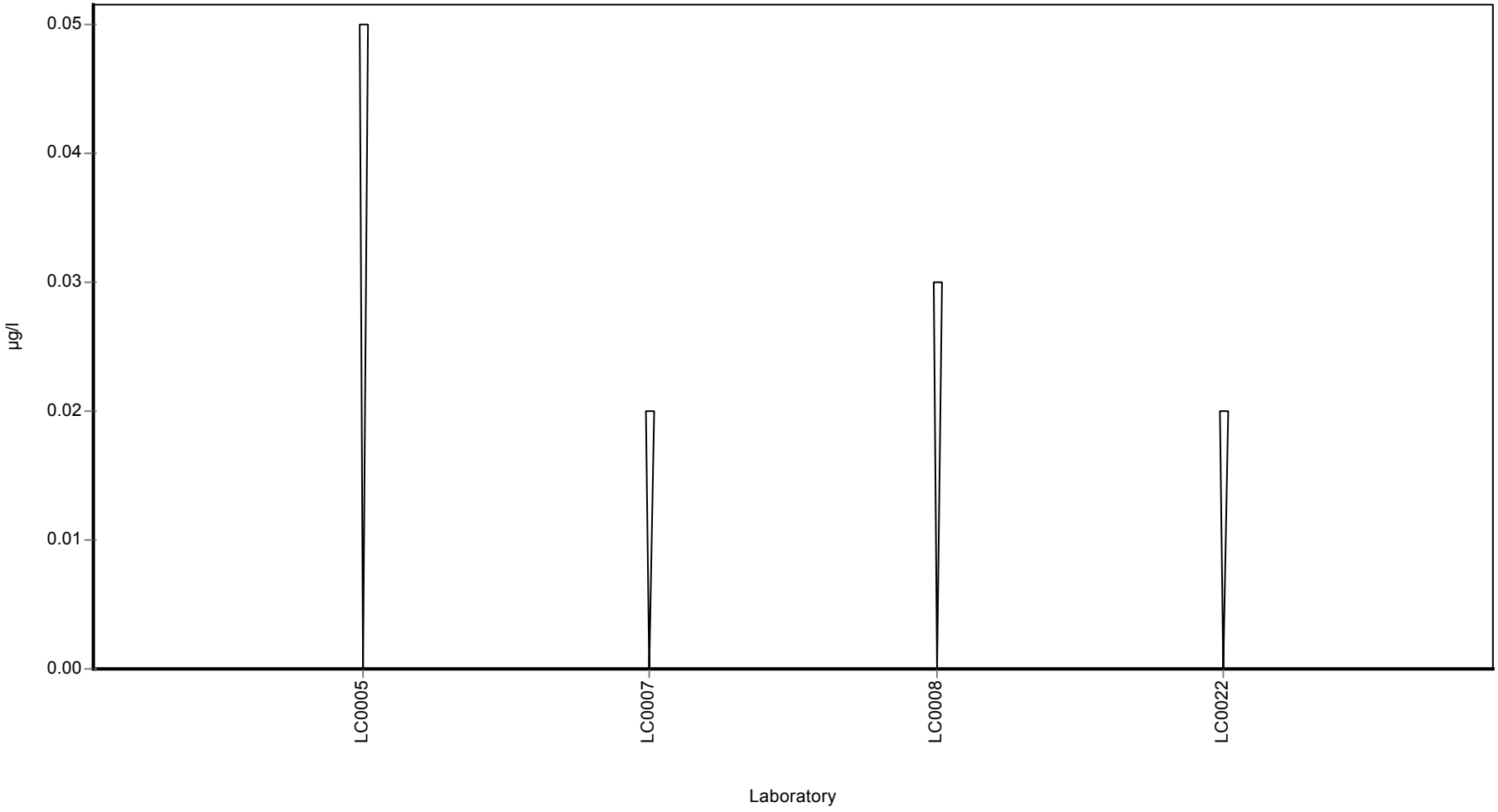
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Azoxystrobin-O-demethyl (CyPM)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.334 - 0.858
Control test value ± U	0.703 ± 0.105

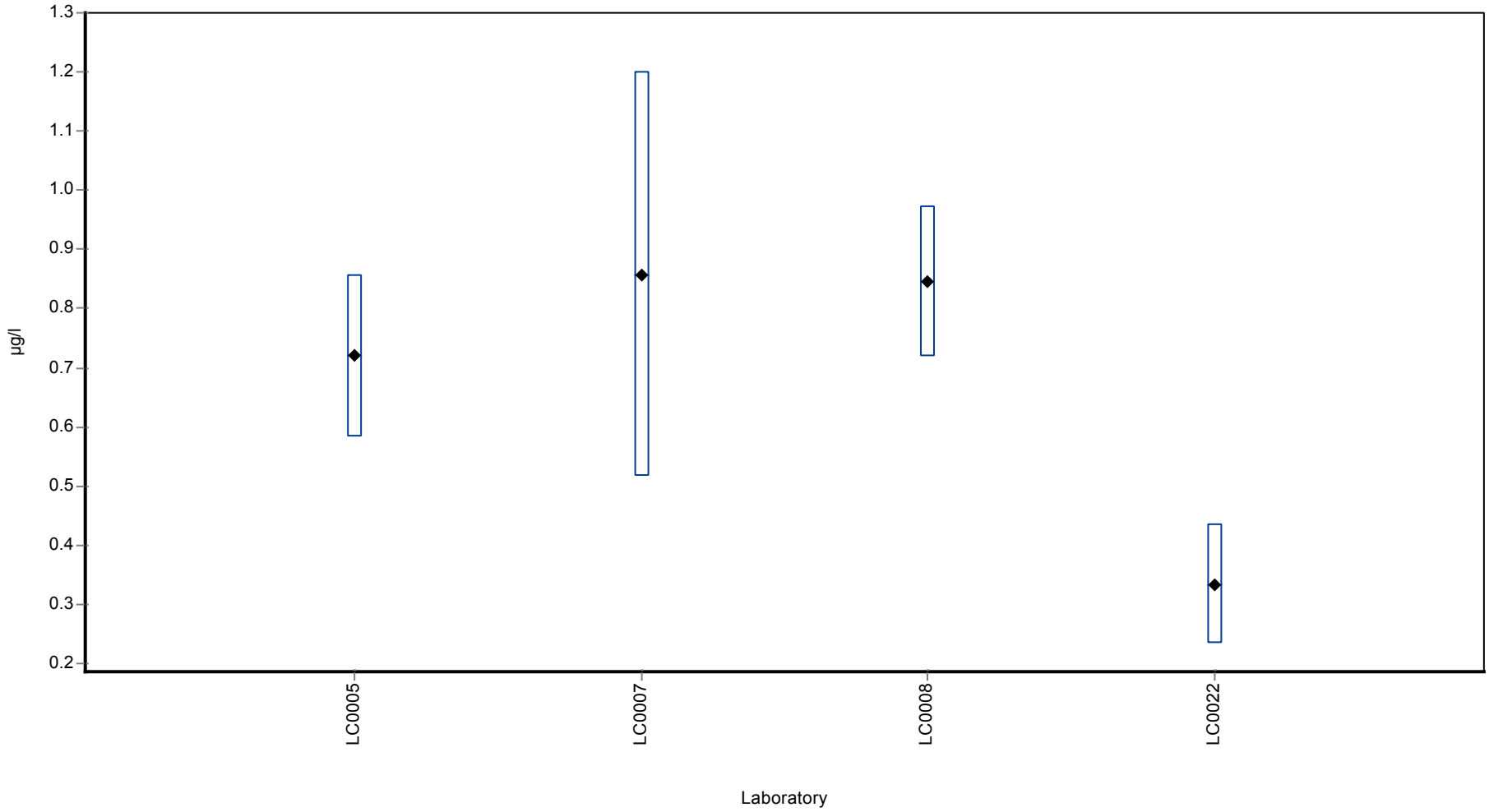
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.72	0.137	-	-	
LC0006	-	-	-	-	
LC0007	0.858	0.343	-	-	
LC0008	0.846	0.127	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.334	0.1002	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.69 ± 0.368	-	µg/l
Minimum	0.334	0.334	µg/l
Maximum	0.858	0.858	µg/l
Standard deviation	0.245	-	µg/l
rel. Standard deviation	35.5	-	%
n	4	4	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Bentazone

Unit	µg/l
Mean ± CI (99%)	0.091 ± 0.00744
Minimum - Maximum	0.068 - 0.112
Control test value ± U	0.0993 ± 0.0149

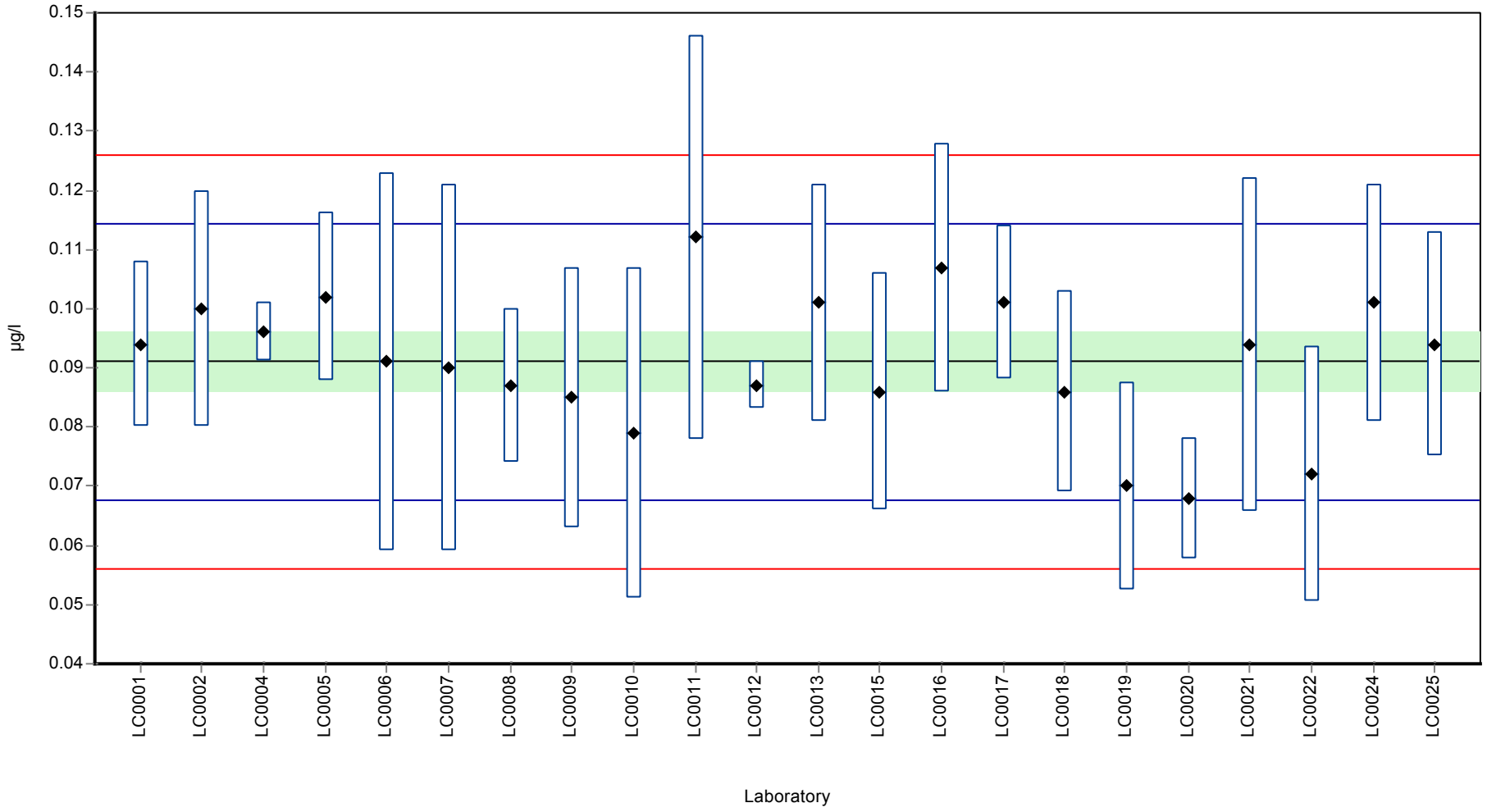
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.094	0.014	103	0.25	
LC0002	0.1	0.02	110	0.77	
LC0003	-	-	-	-	
LC0004	0.096	0.005	105	0.43	
LC0005	0.102	0.0143	112	0.94	
LC0006	0.091	0.032	100	0.00	
LC0007	0.09	0.031	98.9	-0.09	
LC0008	0.087	0.013	95.6	-0.35	
LC0009	0.085	0.022	93.4	-0.52	
LC0010	0.079	0.028	86.8	-1.03	
LC0011	0.112	0.034	123	1.8	
LC0012	0.087	0.004	95.6	-0.35	
LC0013	0.101	0.02	111	0.85	
LC0014	-	-	-	-	
LC0015	0.086	0.02	94.5	-0.43	
LC0016	0.107	0.021	118	1.37	
LC0017	0.101	0.013	111	0.85	
LC0018	0.086	0.017	94.5	-0.43	
LC0019	0.07	0.0175	76.9	-1.81	
LC0020	0.068	0.0102	74.7	-1.98	
LC0021	0.094	0.0282	103	0.25	
LC0022	0.072	0.0216	79.1	-1.64	
LC0023	-	-	-	-	
LC0024	0.101	0.02	111	0.85	
LC0025	0.094	0.019	103	0.25	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.091 ± 0.00744	0.091 ± 0.00744	µg/l
Minimum	0.068	0.068	µg/l
Maximum	0.112	0.112	µg/l
Standard deviation	0.0116	0.0116	µg/l
rel. Standard deviation	12.8	12.8	%
n	22	22	-

Graphical presentation of results

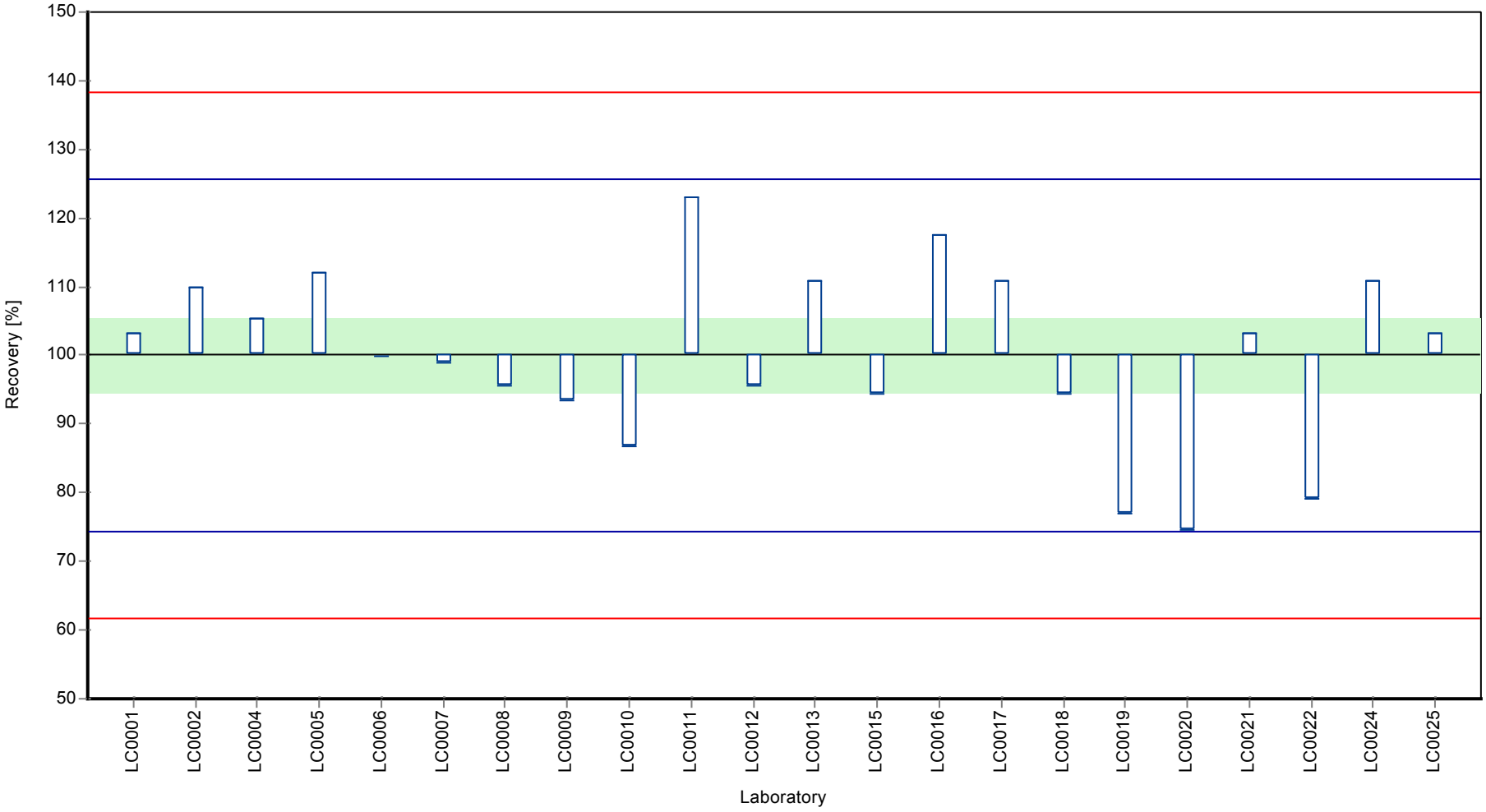
Results



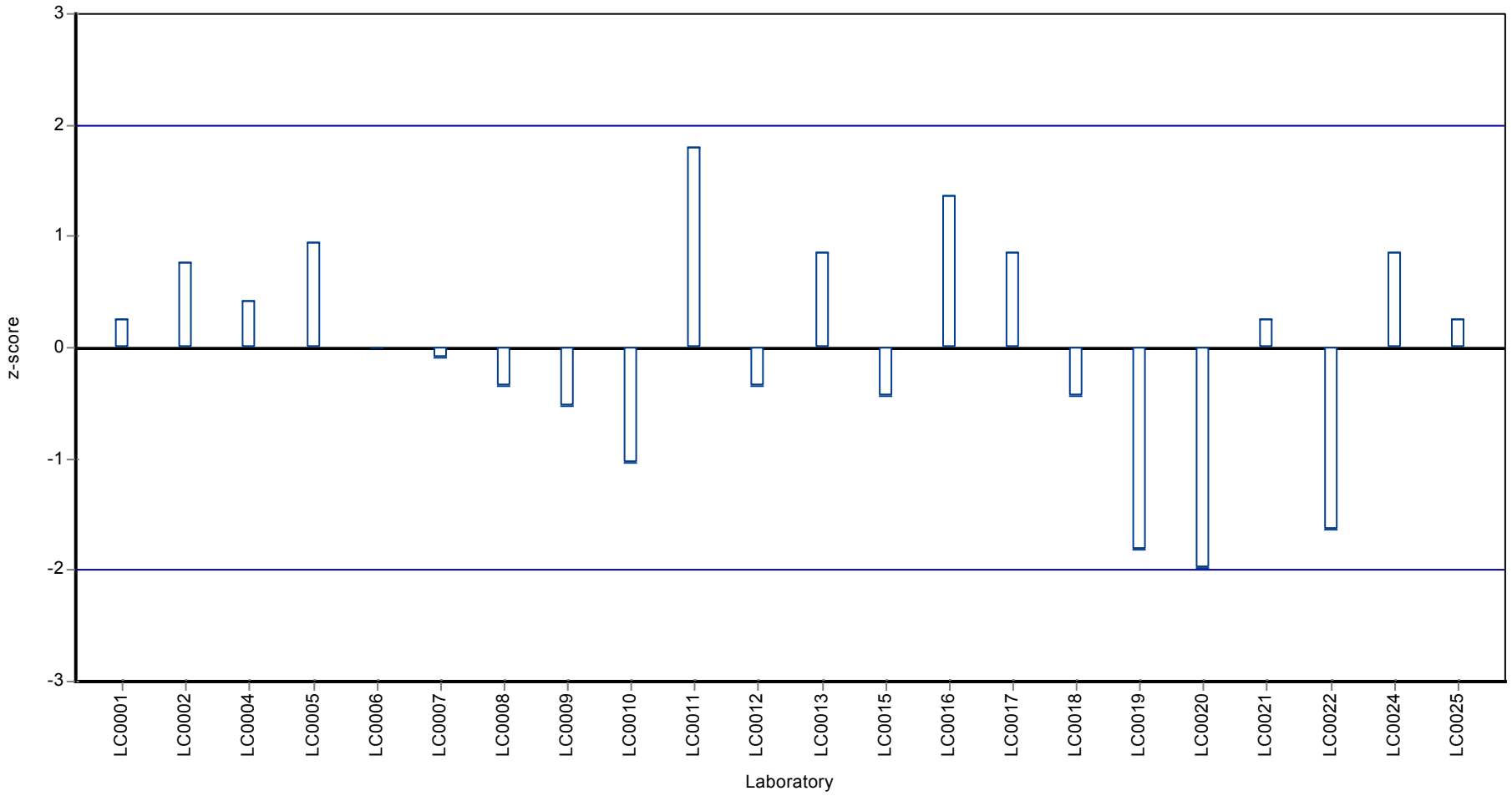
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Bentazone

Recovery rate



Z-score


3
2
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0
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-3
z-score
LC0001
LC0002
LC0004
LC0005
LC0006
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 B

Bentazone

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

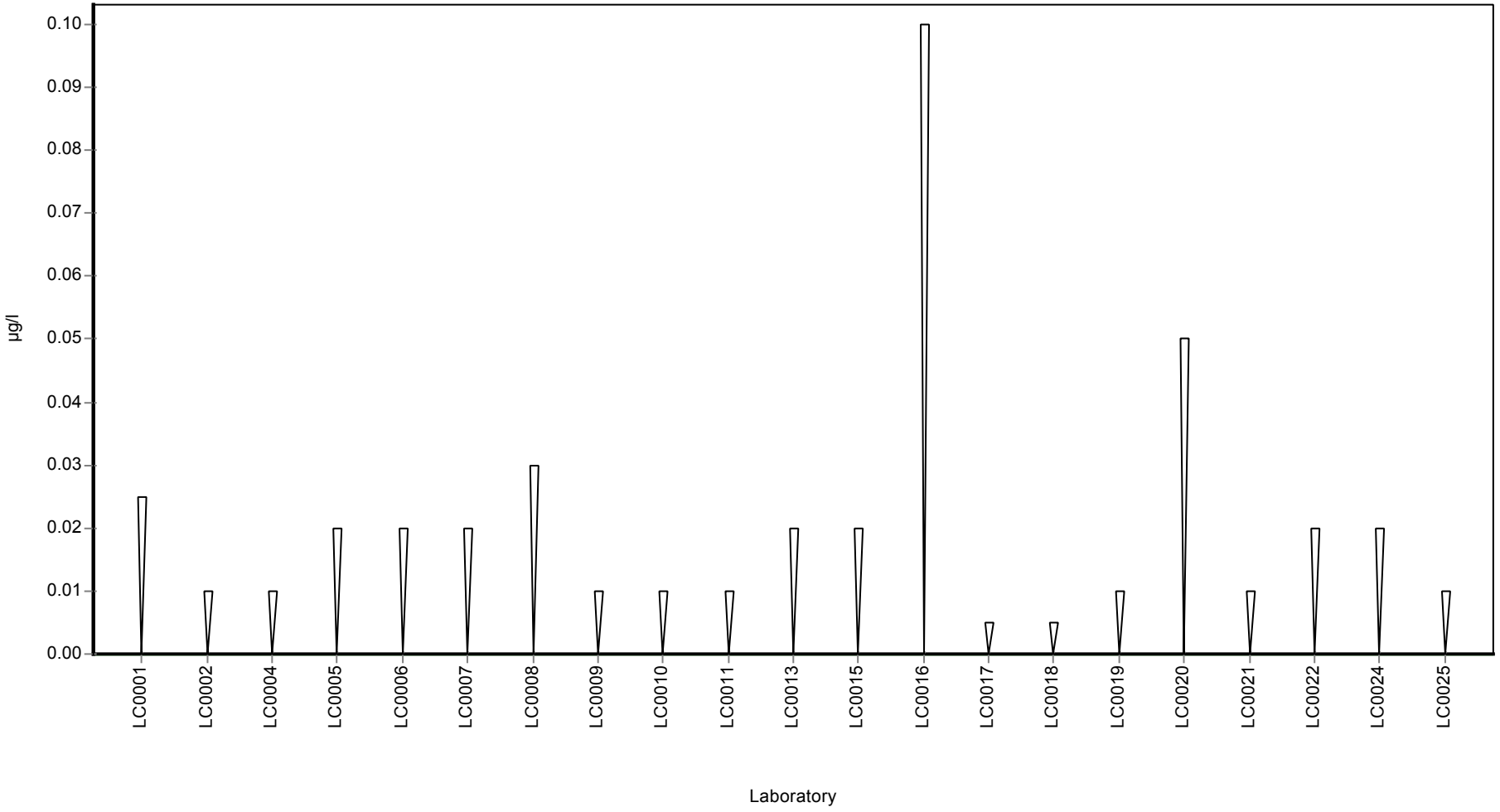
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.025 (LOQ)	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	< 0.02 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.005 (LOD)	-	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.02 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Bromacil

Unit	µg/l
Mean ± CI (99%)	0.164 ± 0.0144
Minimum - Maximum	0.14 - 0.188
Control test value ± U	0.181 ± 0.0272

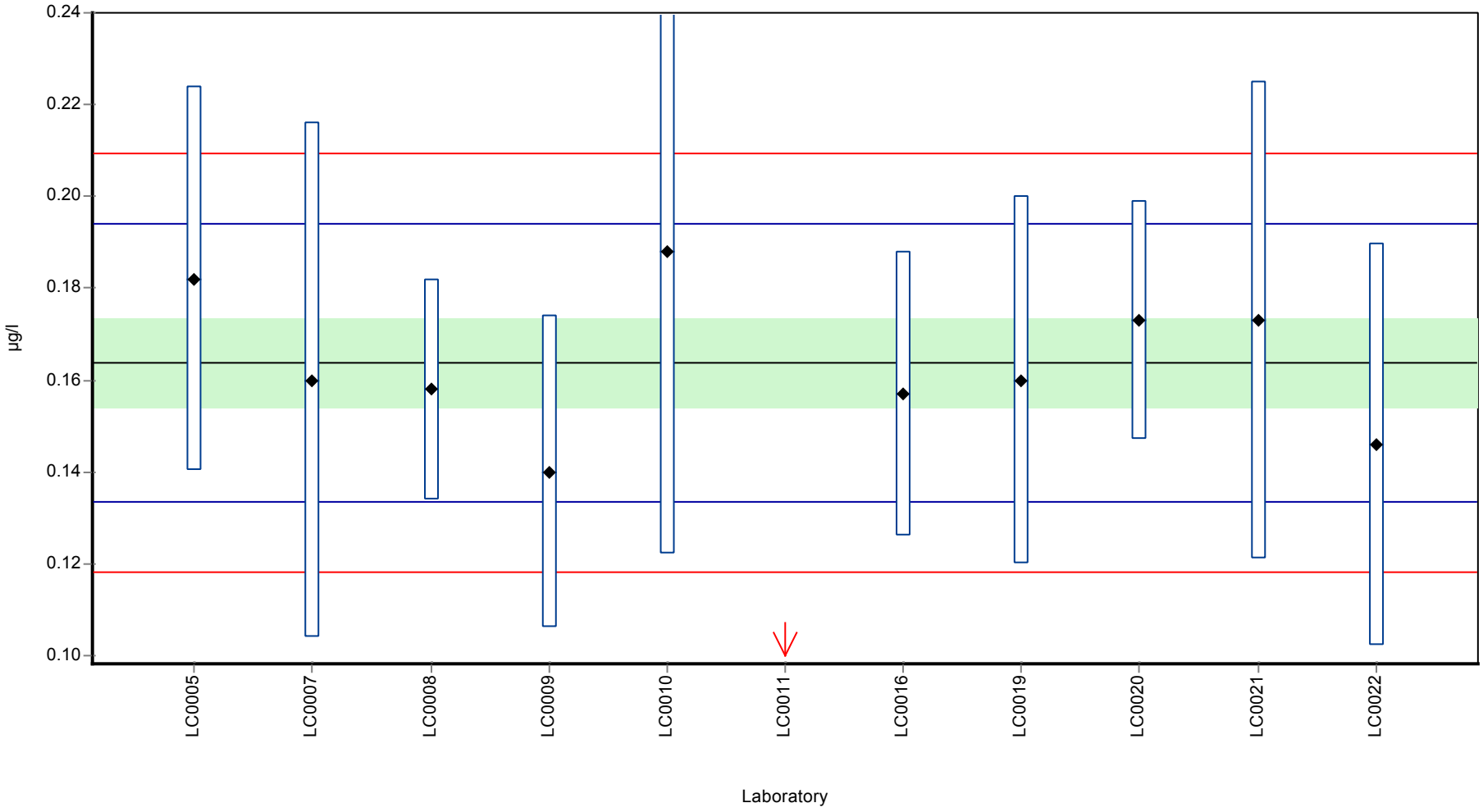
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.182	0.0418	111	1.2	
LC0006	-	-	-	-	
LC0007	0.16	0.056	97.7	-0.24	
LC0008	0.158	0.024	96.5	-0.38	
LC0009	0.14	0.034	85.5	-1.56	
LC0010	0.188	0.066	115	1.6	
LC0011	0.07	0.042	42.8	-6.17	H
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.157	0.031	95.9	-0.44	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.16	0.04	97.7	-0.24	
LC0020	0.173	0.02595	106	0.61	
LC0021	0.173	0.0519	106	0.61	
LC0022	0.146	0.0438	89.2	-1.16	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

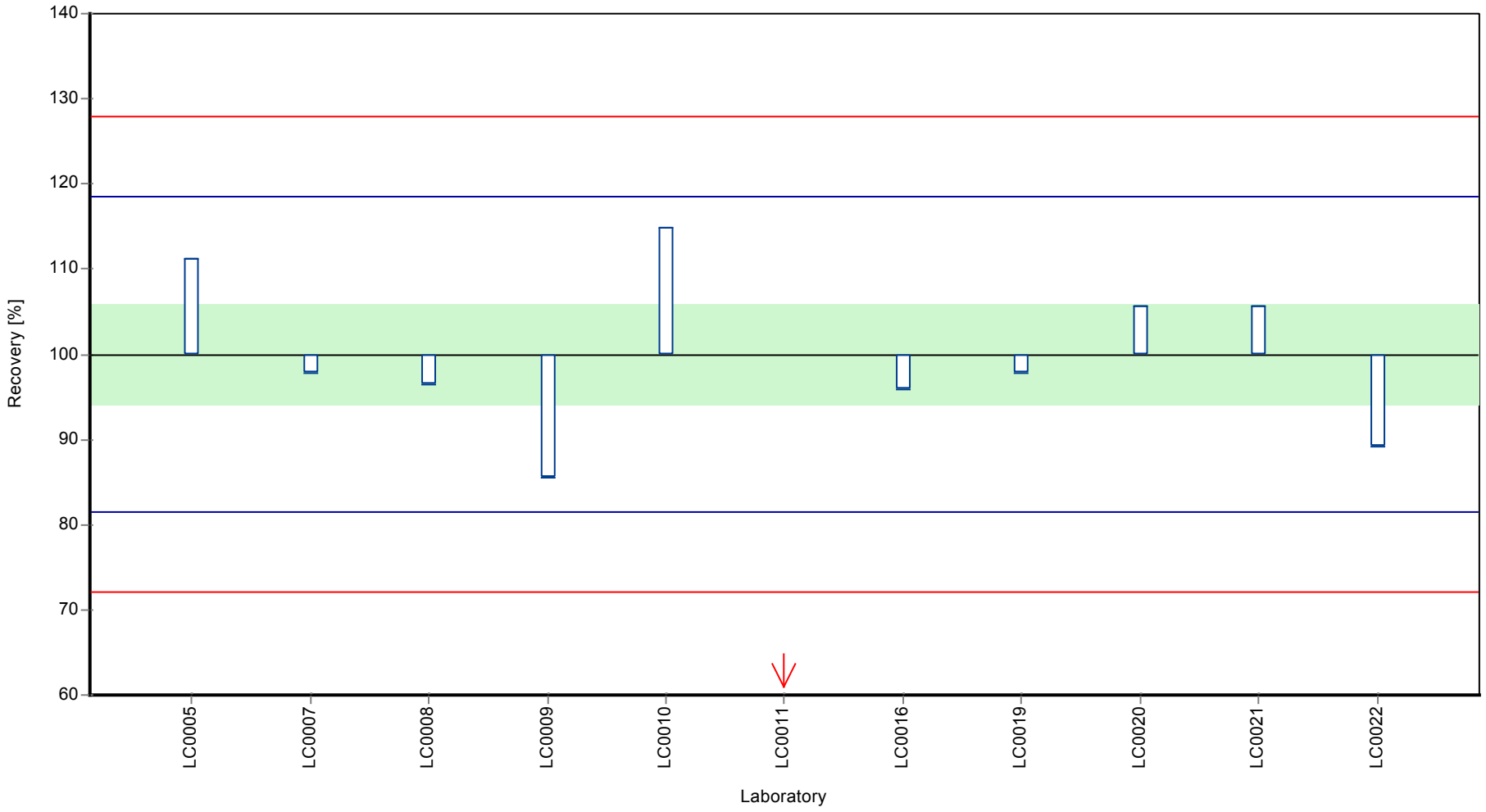
	all results	without outliers	Unit
Mean ± CI (99%)	0.155 ± 0.0287	0.164 ± 0.0144	µg/l
Minimum	0.07	0.14	µg/l
Maximum	0.188	0.188	µg/l
Standard deviation	0.0317	0.0152	µg/l
rel. Standard deviation	20.4	9.28	%
n	11	10	-

Graphical presentation of results

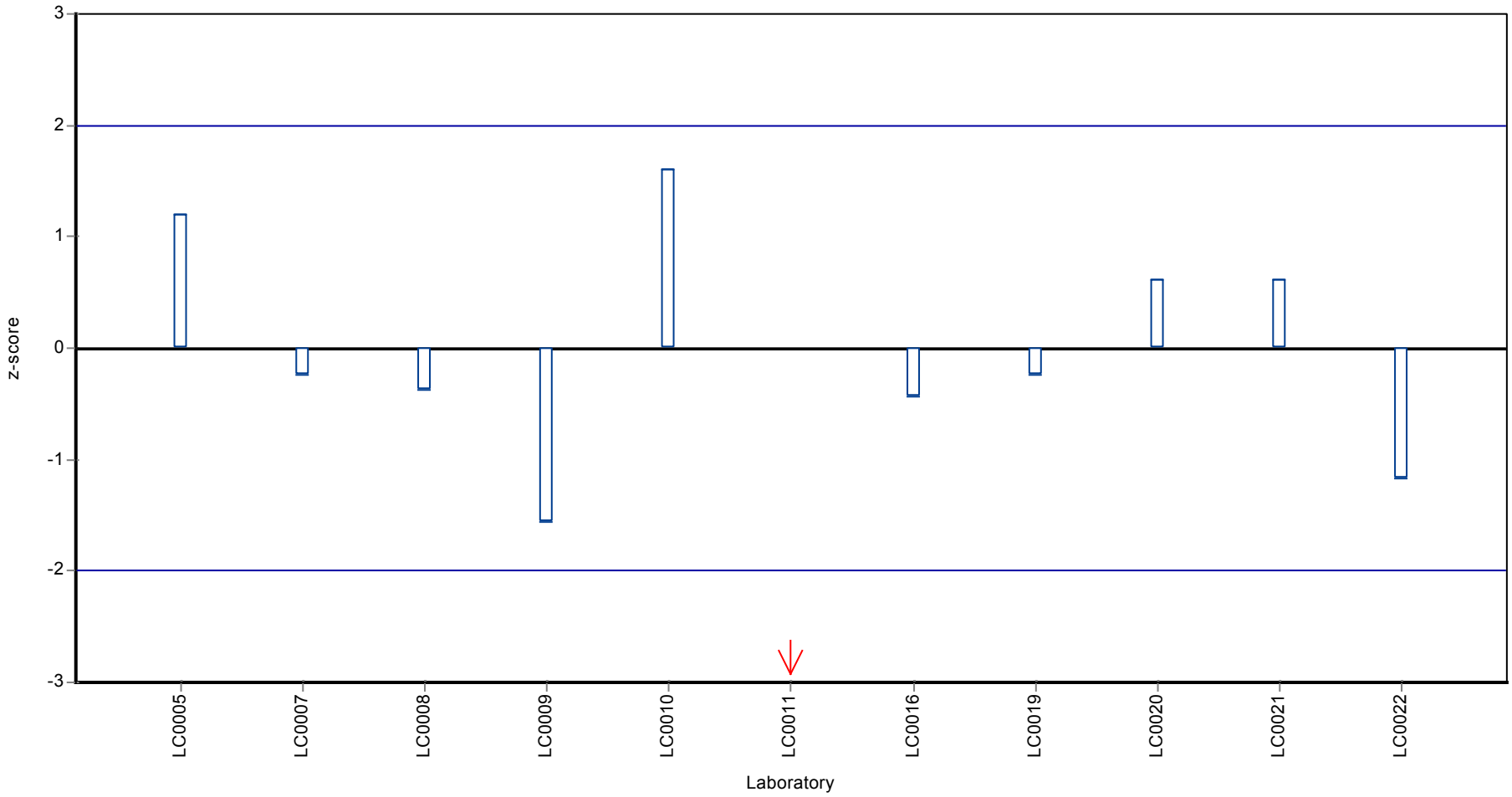
Results



Recovery rate



Z-score


3
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-3
z-score
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0016
LC0019
LC0020
LC0021
LC0022
Laboratory

Parameter oriented report

PM02 B

Bromacil

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

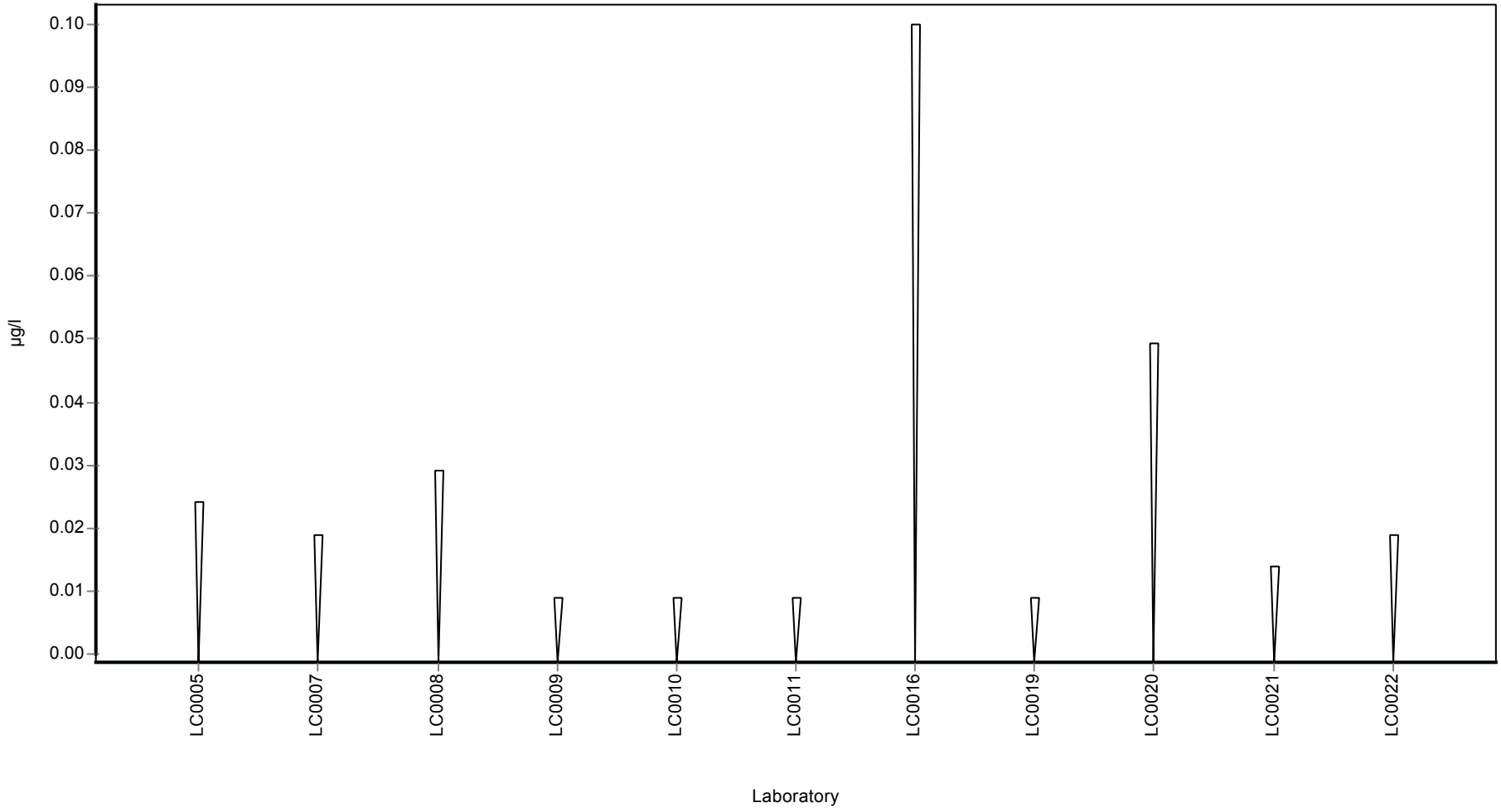
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.015 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Chloridazon

Unit	µg/l
Mean ± CI (99%)	0.0873 ± 0.00567
Minimum - Maximum	0.0693 - 0.102
Control test value ± U	0.0976 ± 0.0146

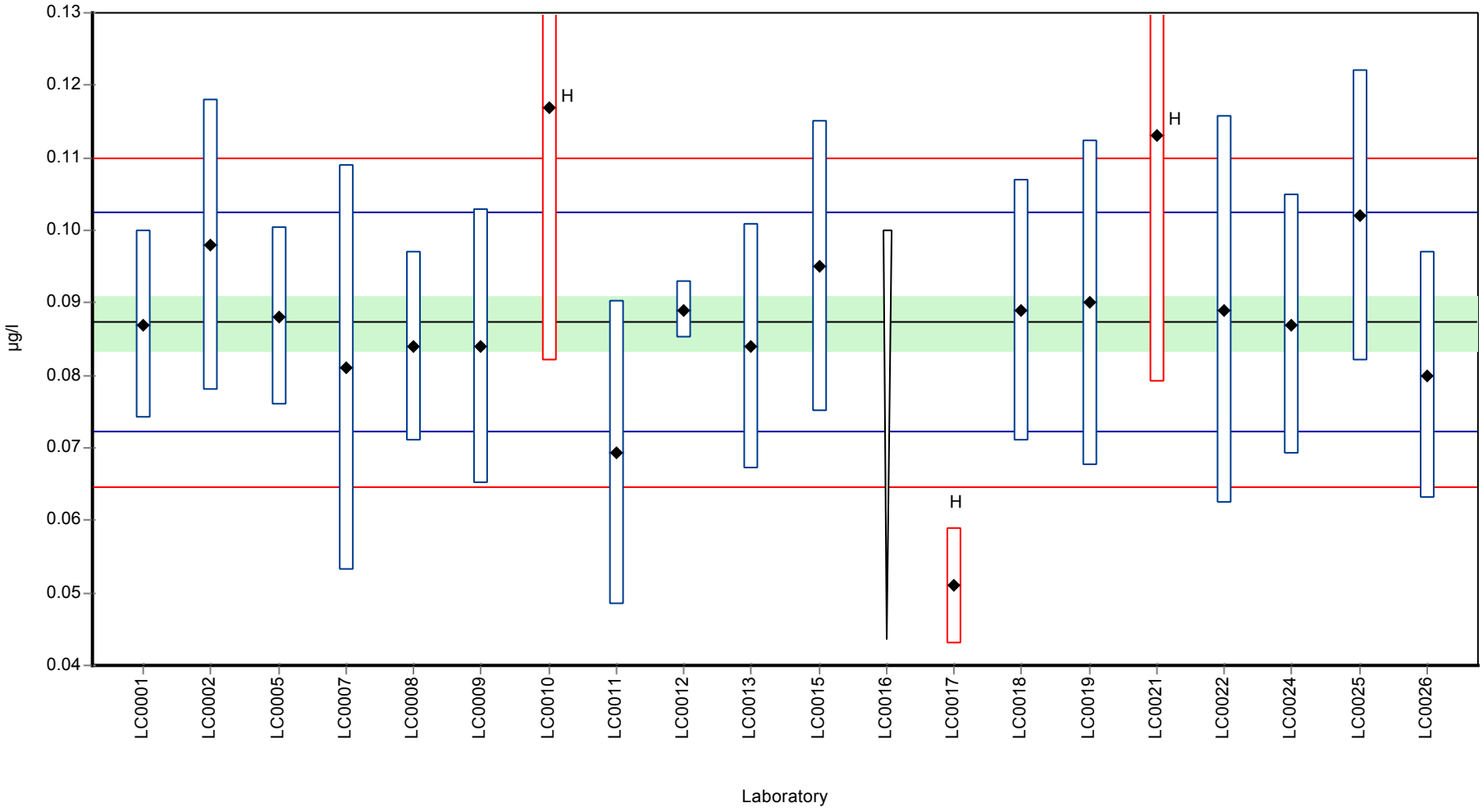
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.087	0.013	99.7	-0.04	
LC0002	0.098	0.02	112	1.42	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.0881	0.0123	101	0.11	
LC0006	-	-	-	-	
LC0007	0.081	0.028	92.8	-0.83	
LC0008	0.084	0.013	96.2	-0.43	
LC0009	0.084	0.019	96.2	-0.43	
LC0010	0.117	0.035	134	3.93	H
LC0011	0.0693	0.021	79.4	-2.38	
LC0012	0.089	0.004	102	0.23	
LC0013	0.084	0.017	96.2	-0.43	
LC0014	-	-	-	-	
LC0015	0.095	0.02	109	1.02	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	0.051	0.008	58.4	-4.8	H
LC0018	0.089	0.018	102	0.23	
LC0019	0.09	0.0225	103	0.36	
LC0020	-	-	-	-	
LC0021	0.113	0.0339	129	3.4	H
LC0022	0.089	0.0267	102	0.23	
LC0023	-	-	-	-	
LC0024	0.087	0.018	99.7	-0.04	
LC0025	0.102	0.02	117	1.95	
LC0026	0.08	0.017	91.7	-0.96	

Characteristics of parameter

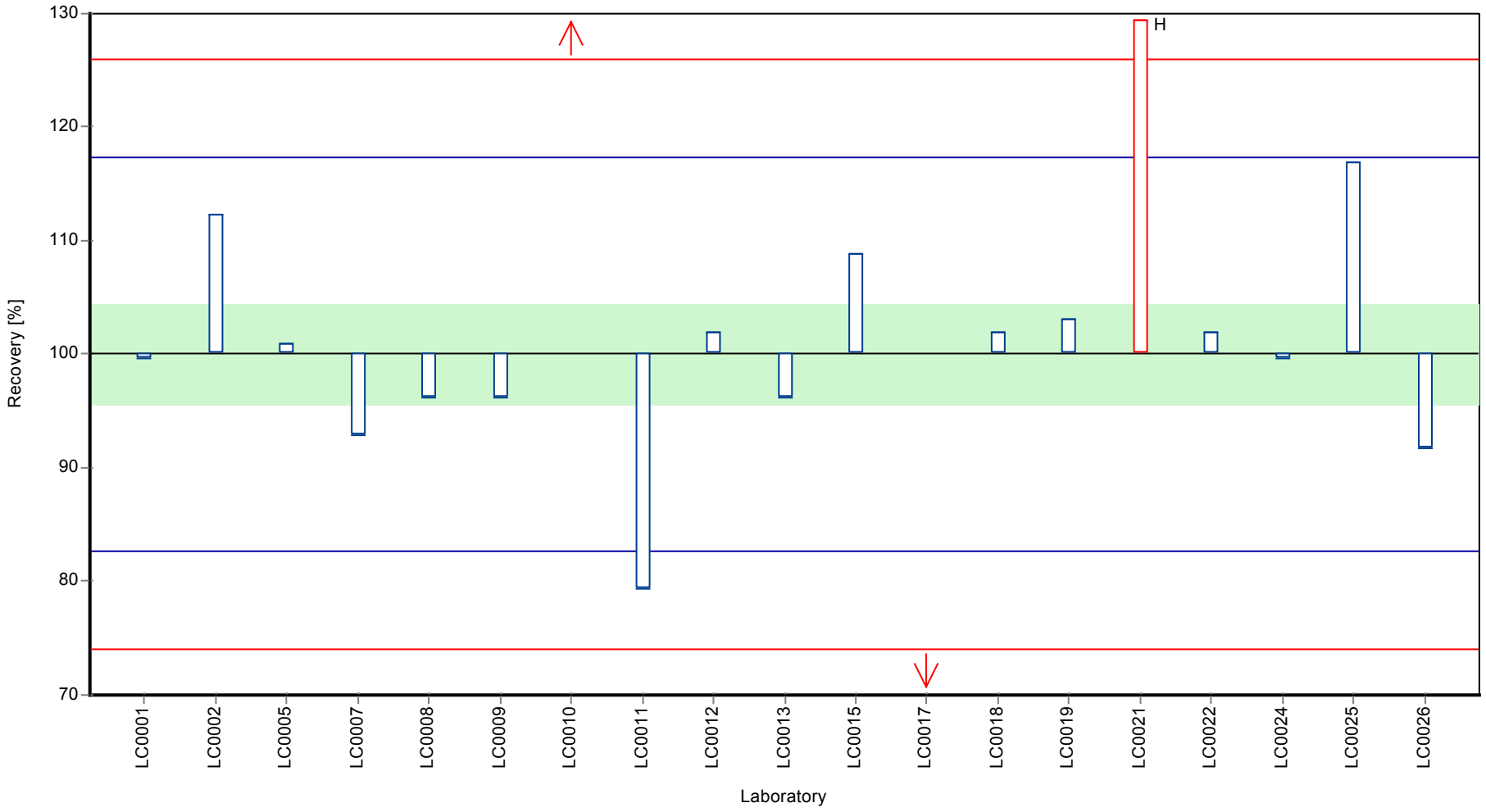
	all results	without outliers	Unit
Mean ± CI (99%)	0.0883 ± 0.00987	0.0873 ± 0.00567	µg/l
Minimum	0.051	0.0693	µg/l
Maximum	0.117	0.102	µg/l
Standard deviation	0.0143	0.00756	µg/l
rel. Standard deviation	16.2	8.66	%
n	19	16	-

Graphical presentation of results

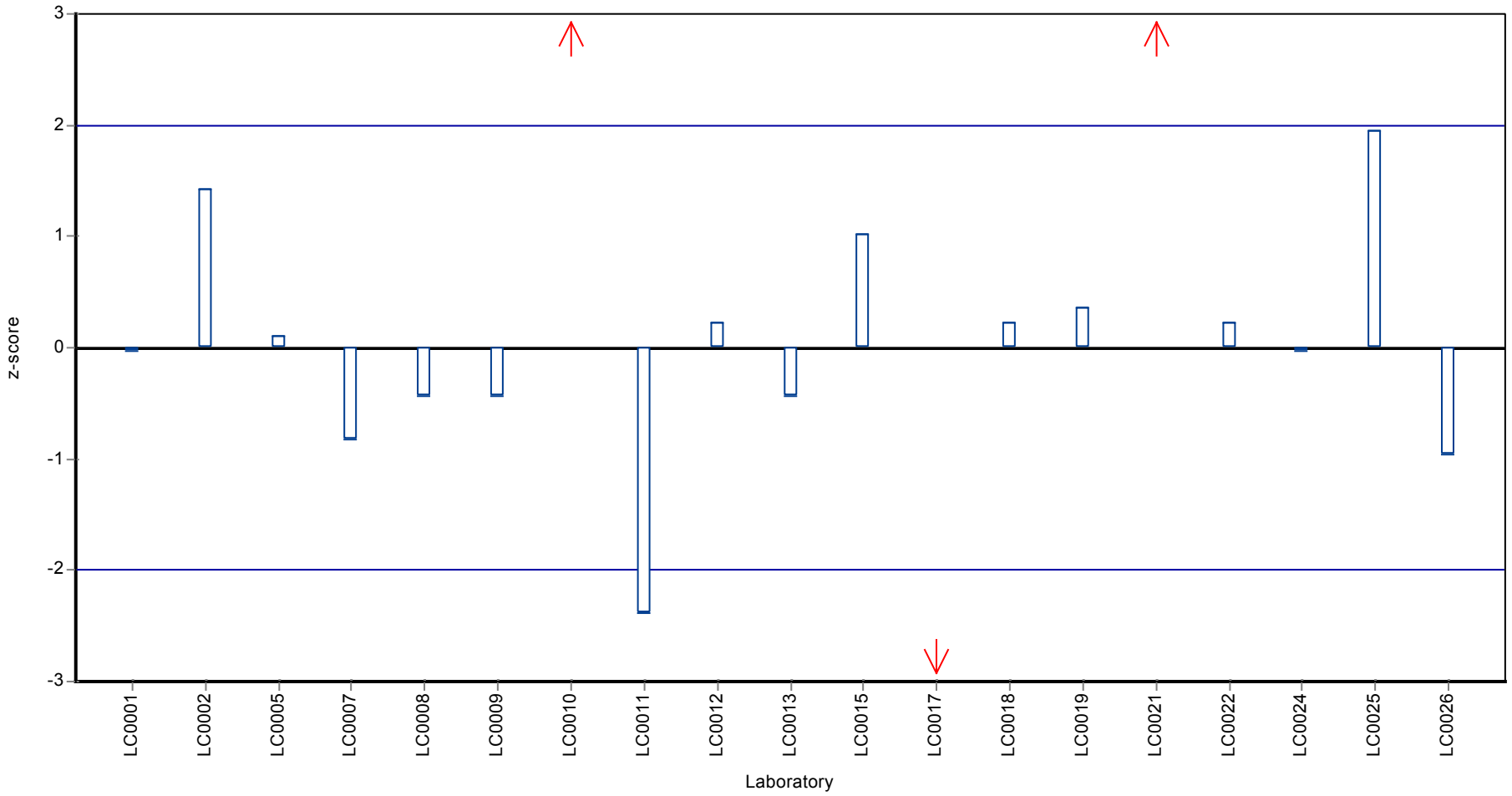
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0002
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0017
LC0018
LC0019
LC0021
LC0022
LC0024
LC0025
LC0026
Laboratory

Parameter oriented report

PM02 B

Chloridazon

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

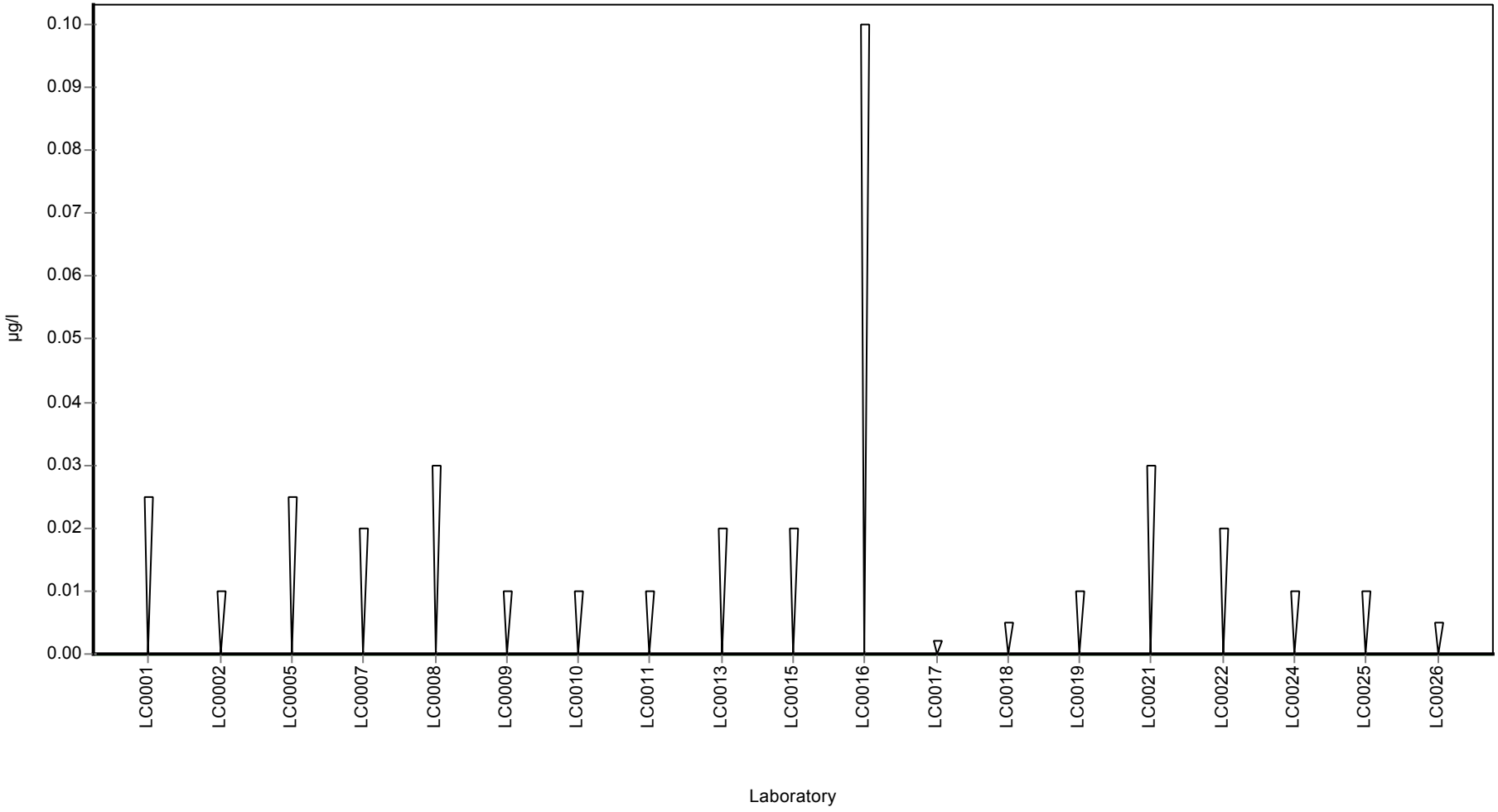
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.025 (LOQ)	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.002 (LOD)	-	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.03 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	< 0.005 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Chloridazon-desphenyl

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

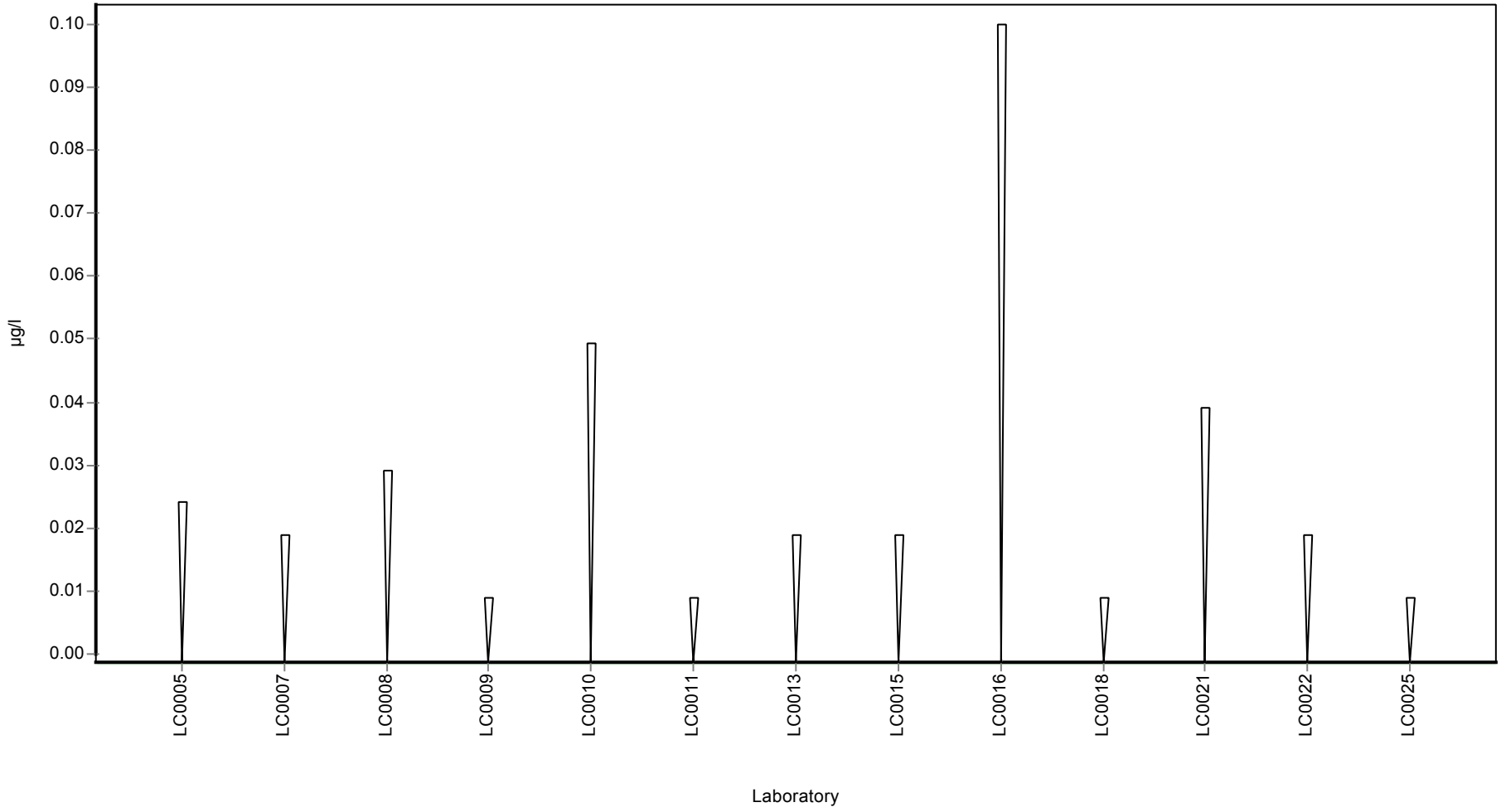
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.05 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.01 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.04 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Chloridazon-desphenyl

Unit	µg/l
Mean ± CI (99%)	3.11 ± 0.194
Minimum - Maximum	2.75 - 3.43
Control test value ± U	3.42 ± 0.513

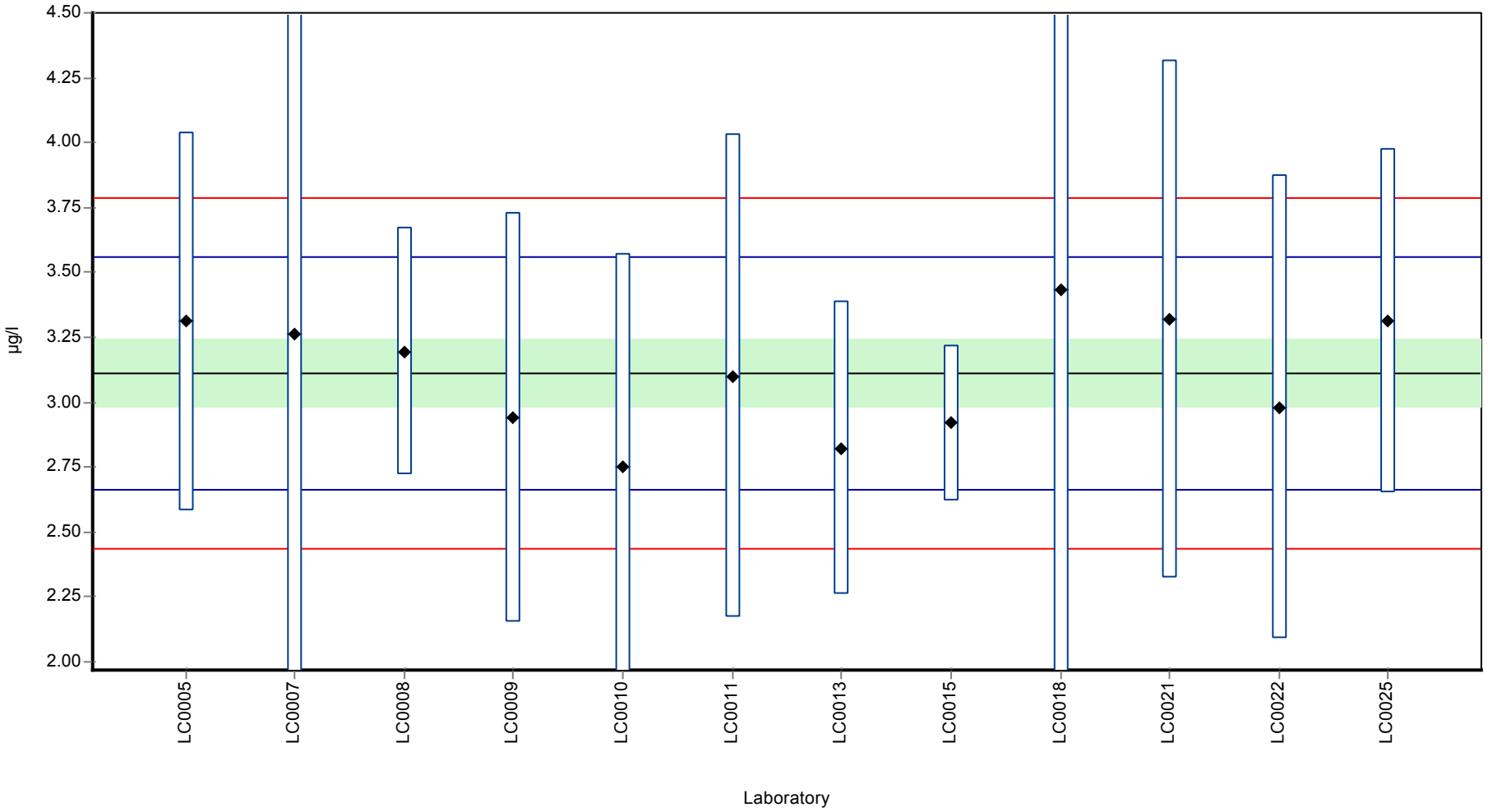
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	3.31	0.728	106	0.88	
LC0006	-	-	-	-	
LC0007	3.26	1.304	105	0.66	
LC0008	3.196	0.479	103	0.37	
LC0009	2.94	0.79	94.5	-0.77	
LC0010	2.75	0.825	88.4	-1.61	
LC0011	3.1	0.93	99.6	-0.05	
LC0012	-	-	-	-	
LC0013	2.823	0.565	90.7	-1.29	
LC0014	-	-	-	-	
LC0015	2.919	0.3	93.8	-0.86	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	3.432	1.716	110	1.42	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	3.32	0.996	107	0.93	
LC0022	2.98	0.894	95.8	-0.59	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	3.316	0.663	107	0.91	
LC0026	-	-	-	-	

Characteristics of parameter

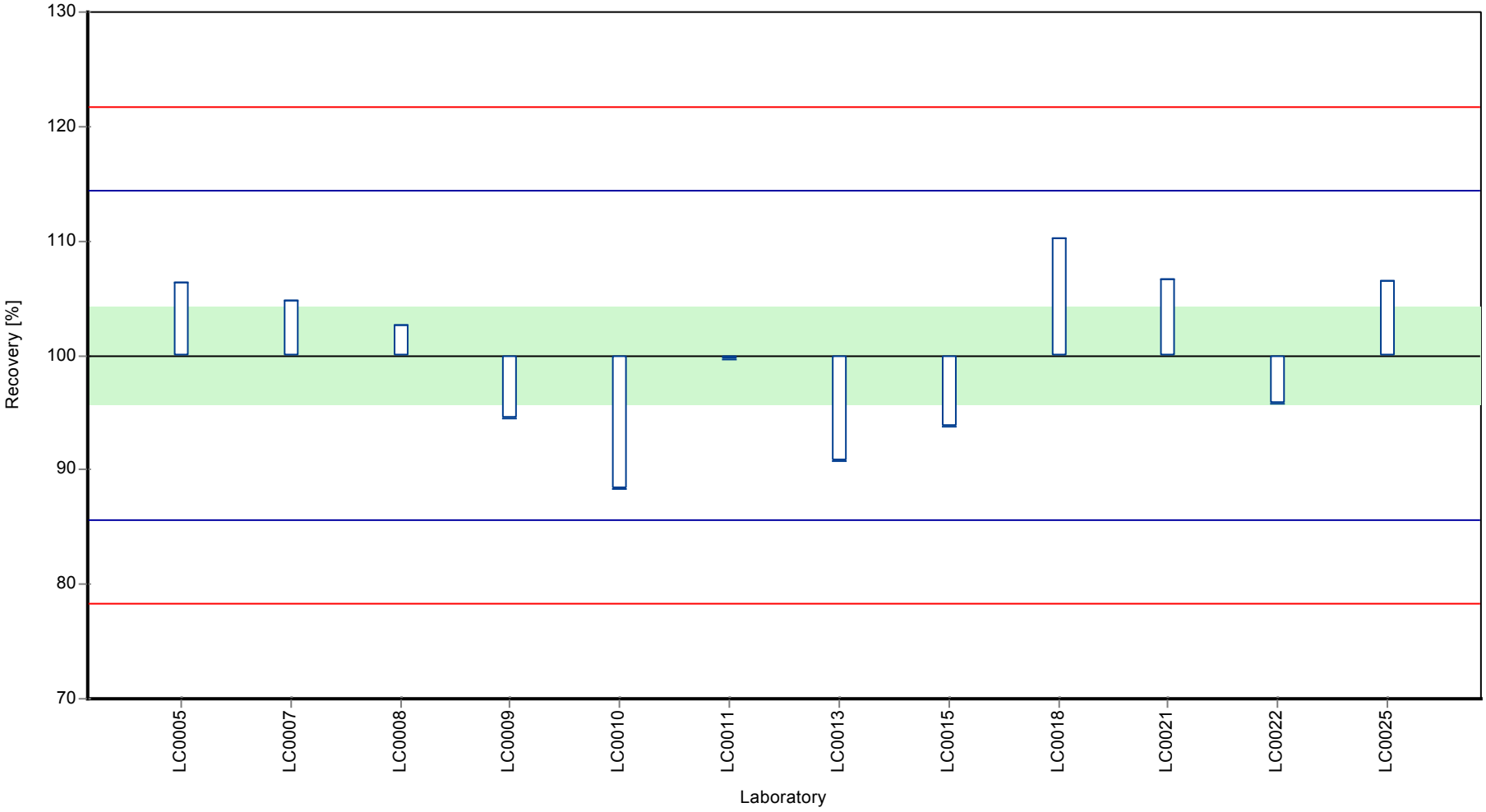
	all results	without outliers	Unit
Mean ± CI (99%)	3.11 ± 0.194	3.11 ± 0.194	µg/l
Minimum	2.75	2.75	µg/l
Maximum	3.43	3.43	µg/l
Standard deviation	0.225	0.225	µg/l
rel. Standard deviation	7.21	7.21	%
n	12	12	-

Graphical presentation of results

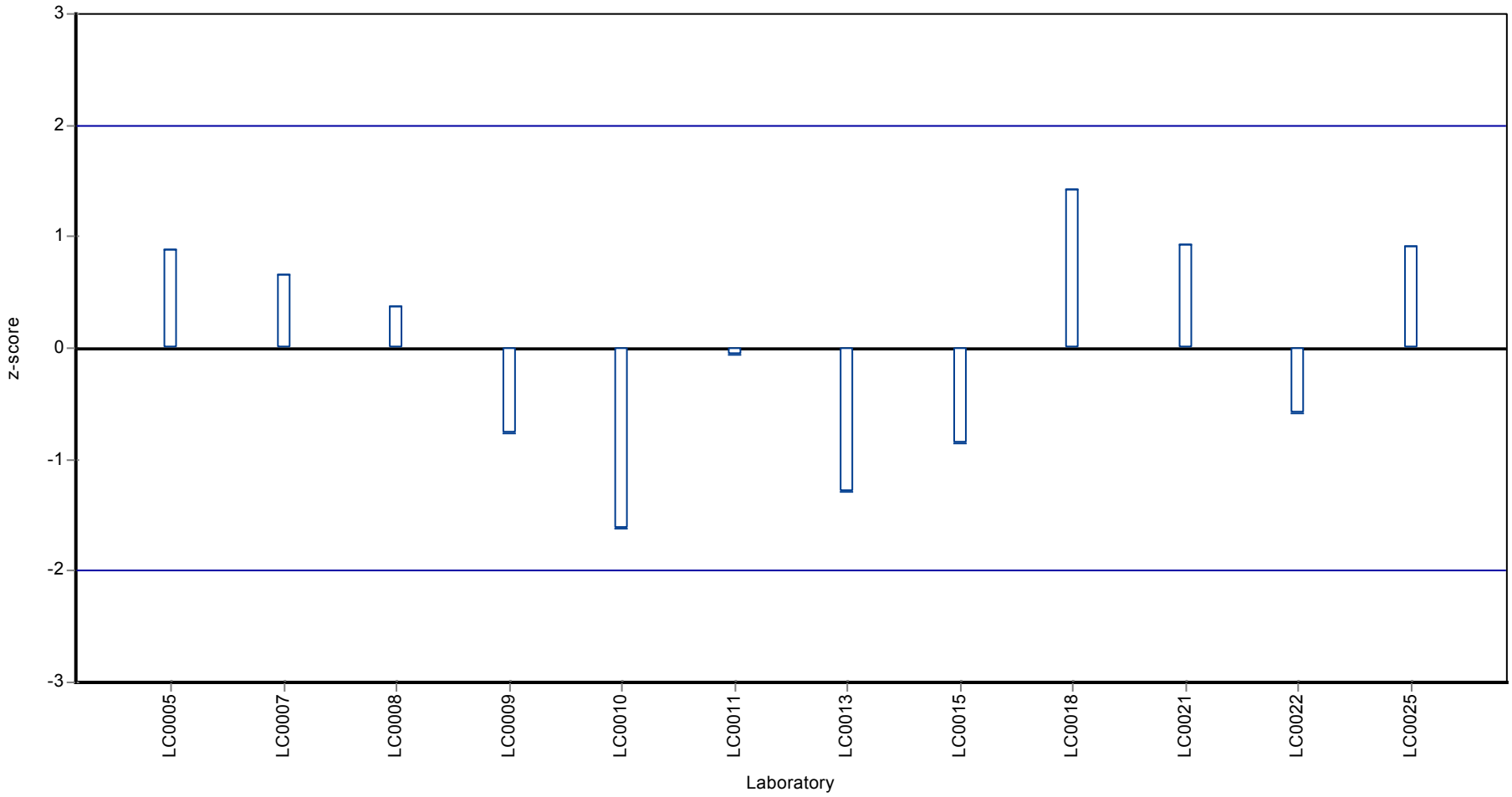
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0013
LC0015
LC0018
LC0021
LC0022
LC0025
Laboratory

Parameter oriented report

PM02 A

Chloridazon-methyl-desphenyl

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

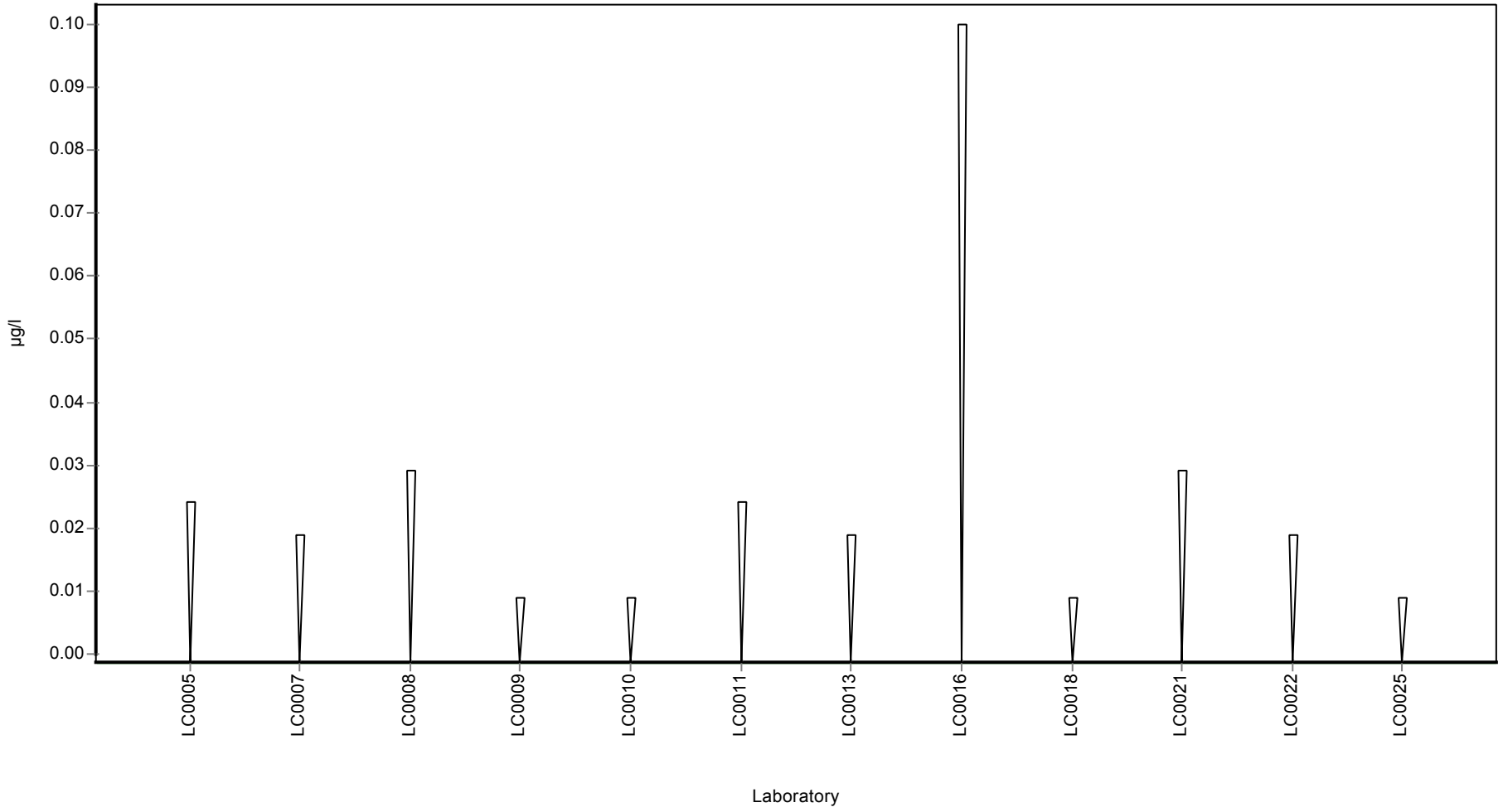
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.025 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.01 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.03 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Chloridazon-methyl-desphenyl

Unit	µg/l
Mean ± CI (99%)	0.115 ± 0.00942
Minimum - Maximum	0.095 - 0.134
Control test value ± U	0.124 ± 0.0185

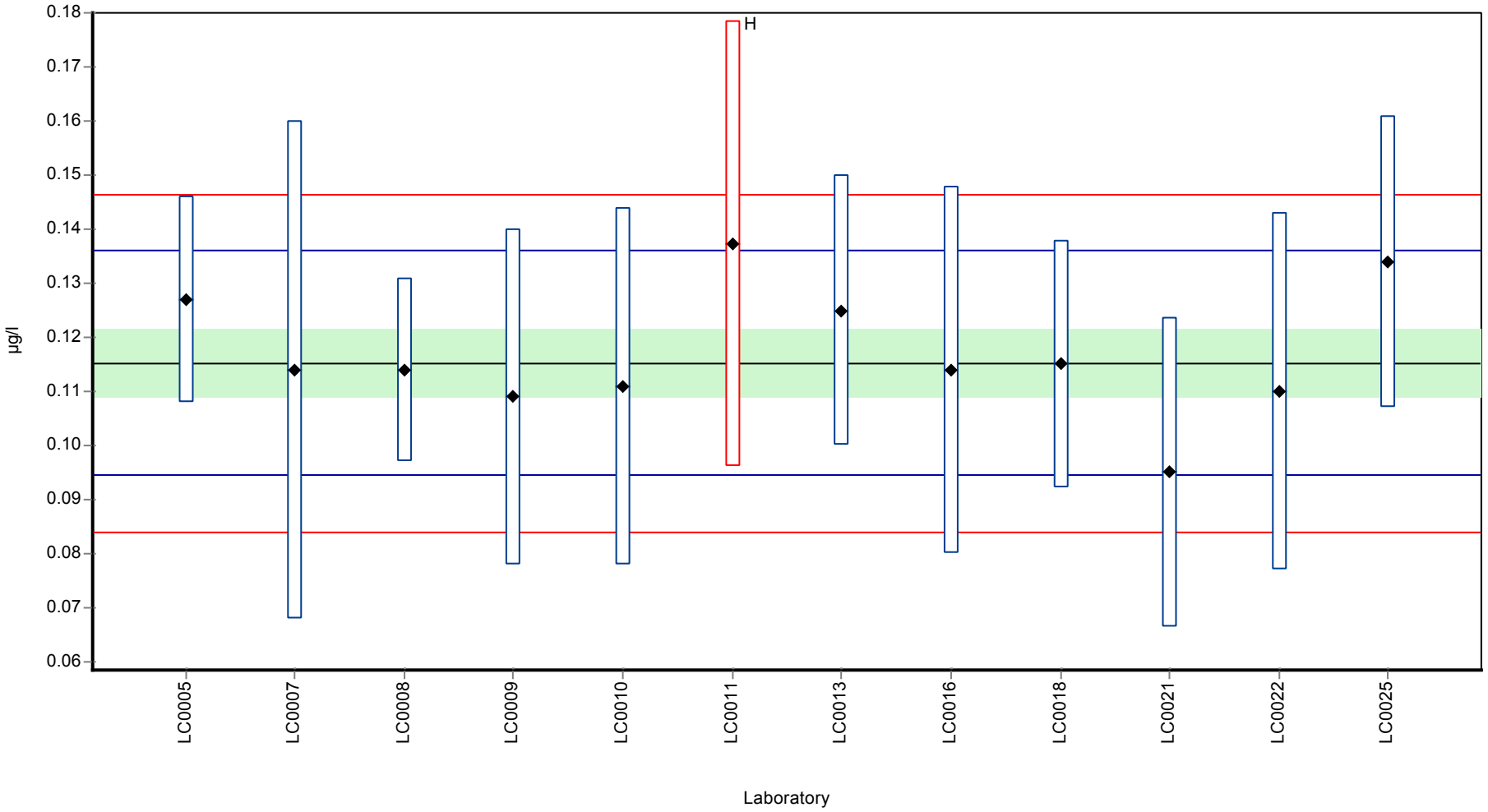
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.127	0.019	110	1.13	
LC0006	-	-	-	-	
LC0007	0.114	0.046	98.9	-0.12	
LC0008	0.114	0.017	98.9	-0.12	
LC0009	0.109	0.031	94.6	-0.6	
LC0010	0.111	0.033	96.3	-0.41	
LC0011	0.1374	0.0412	119	2.13	H
LC0012	-	-	-	-	
LC0013	0.125	0.025	108	0.93	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.114	0.034	98.9	-0.12	
LC0017	-	-	-	-	
LC0018	0.115	0.023	99.8	-0.03	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.095	0.0285	82.4	-1.95	
LC0022	0.11	0.033	95.4	-0.51	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.134	0.027	116	1.8	
LC0026	-	-	-	-	

Characteristics of parameter

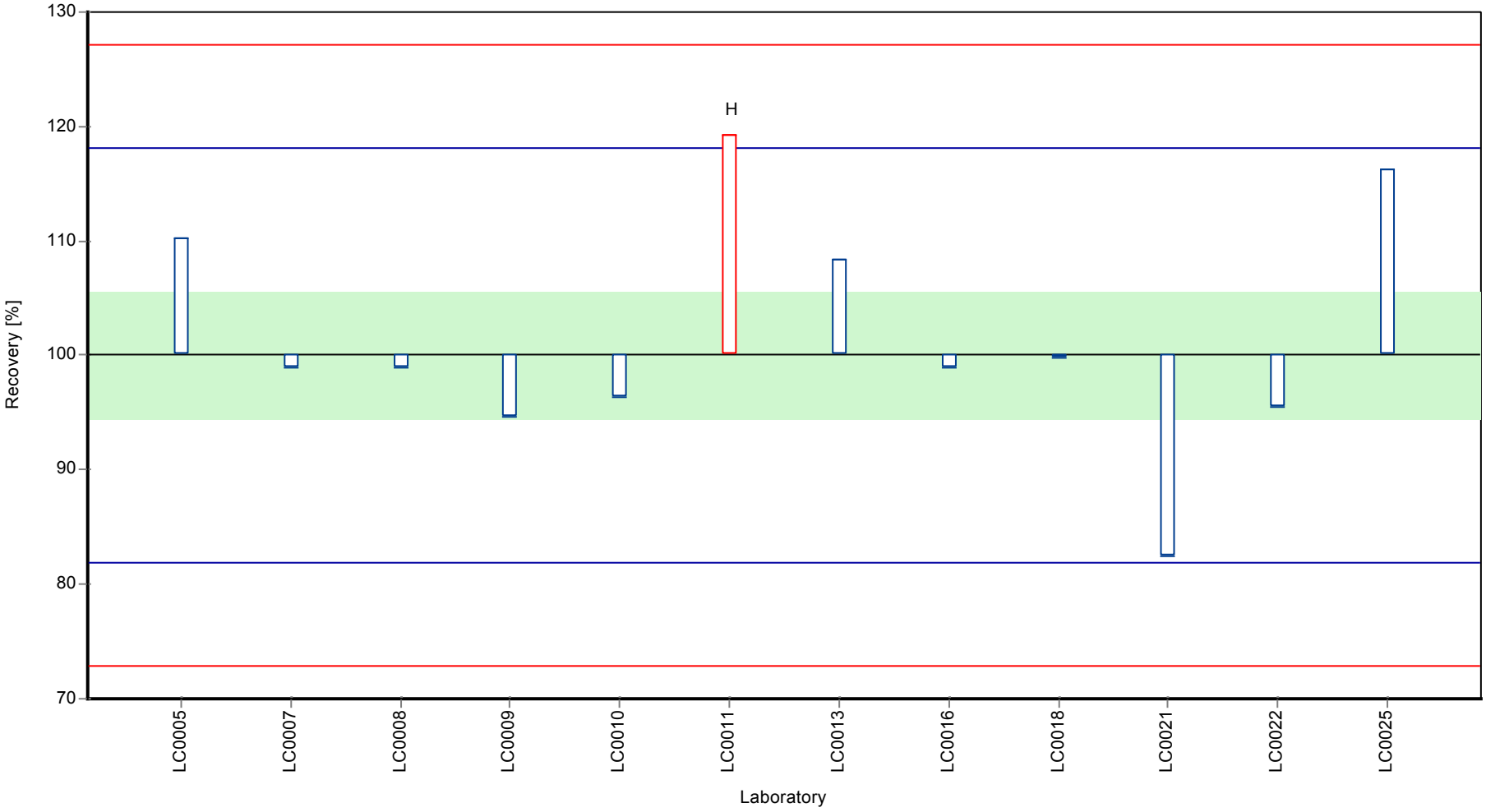
	all results	without outliers	Unit
Mean ± CI (99%)	0.117 ± 0.0102	0.115 ± 0.00942	µg/l
Minimum	0.095	0.095	µg/l
Maximum	0.137	0.134	µg/l
Standard deviation	0.0118	0.0104	µg/l
rel. Standard deviation	10.1	9.03	%
n	12	11	-

Graphical presentation of results

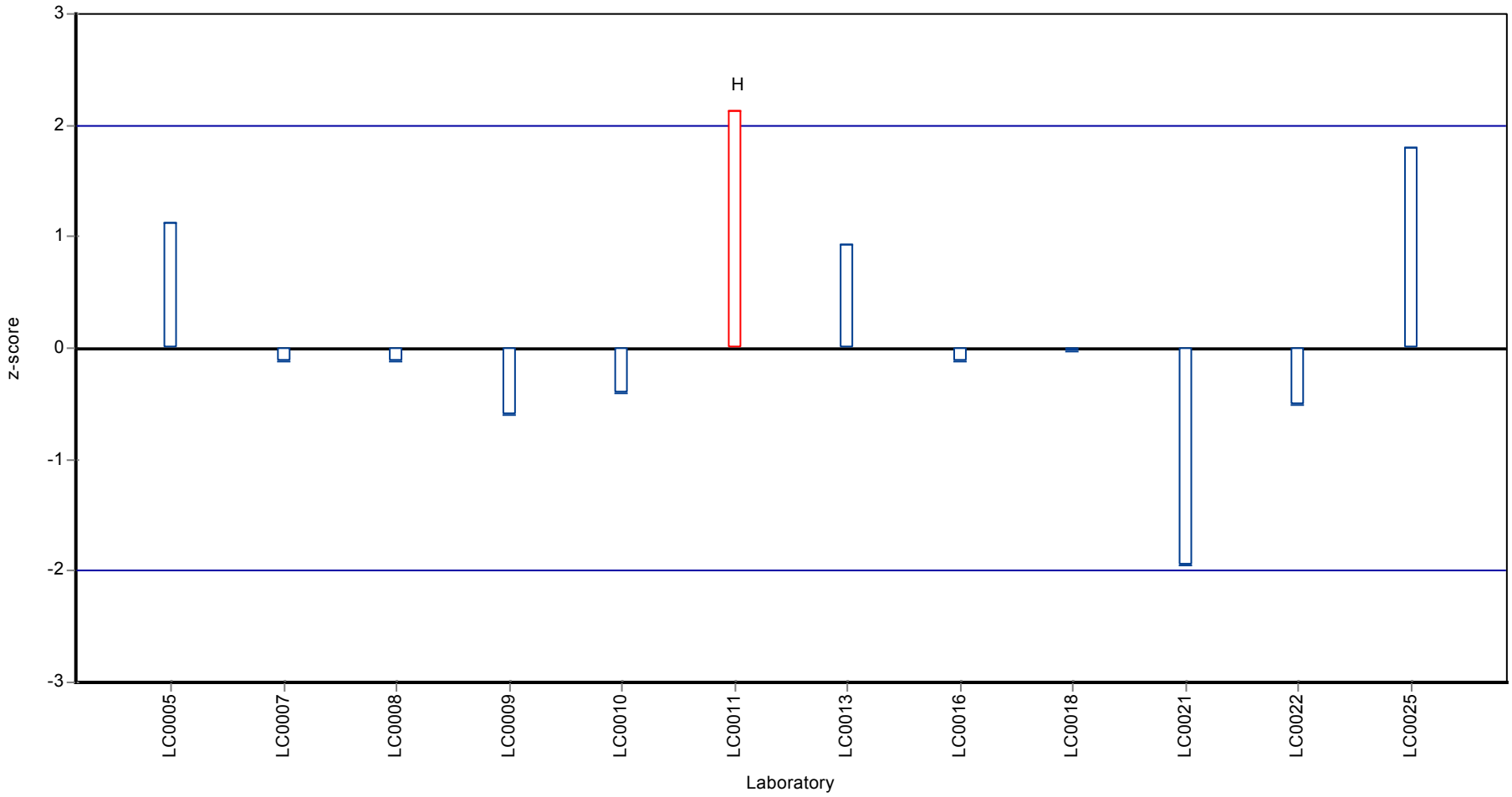
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
H
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0013
LC0016
LC0018
LC0021
LC0022
LC0025
Laboratory

Parameter oriented report

PM02 A

Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

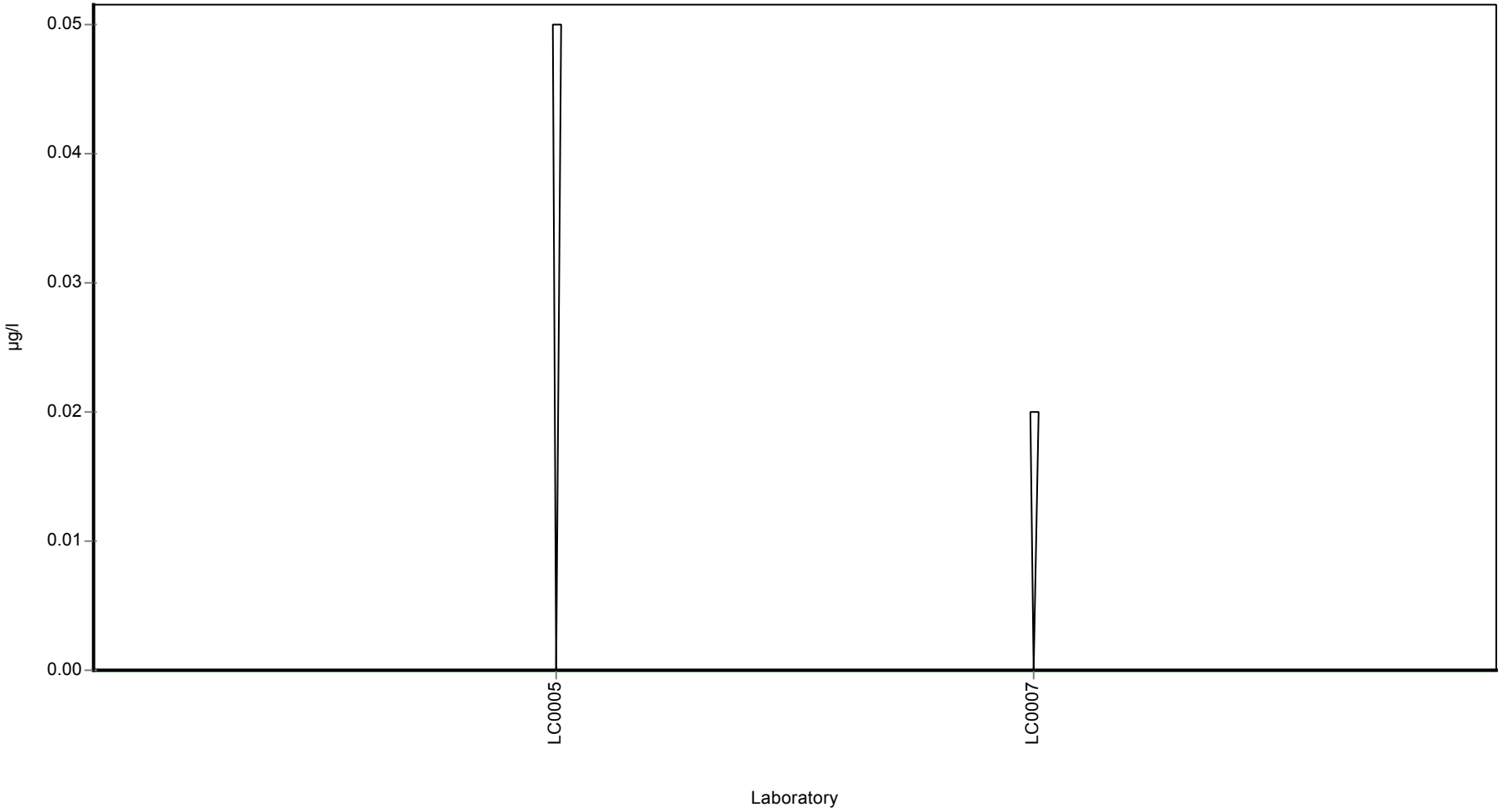
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	2.87 - 3.17
Control test value ± U	2.78 ± 0.417

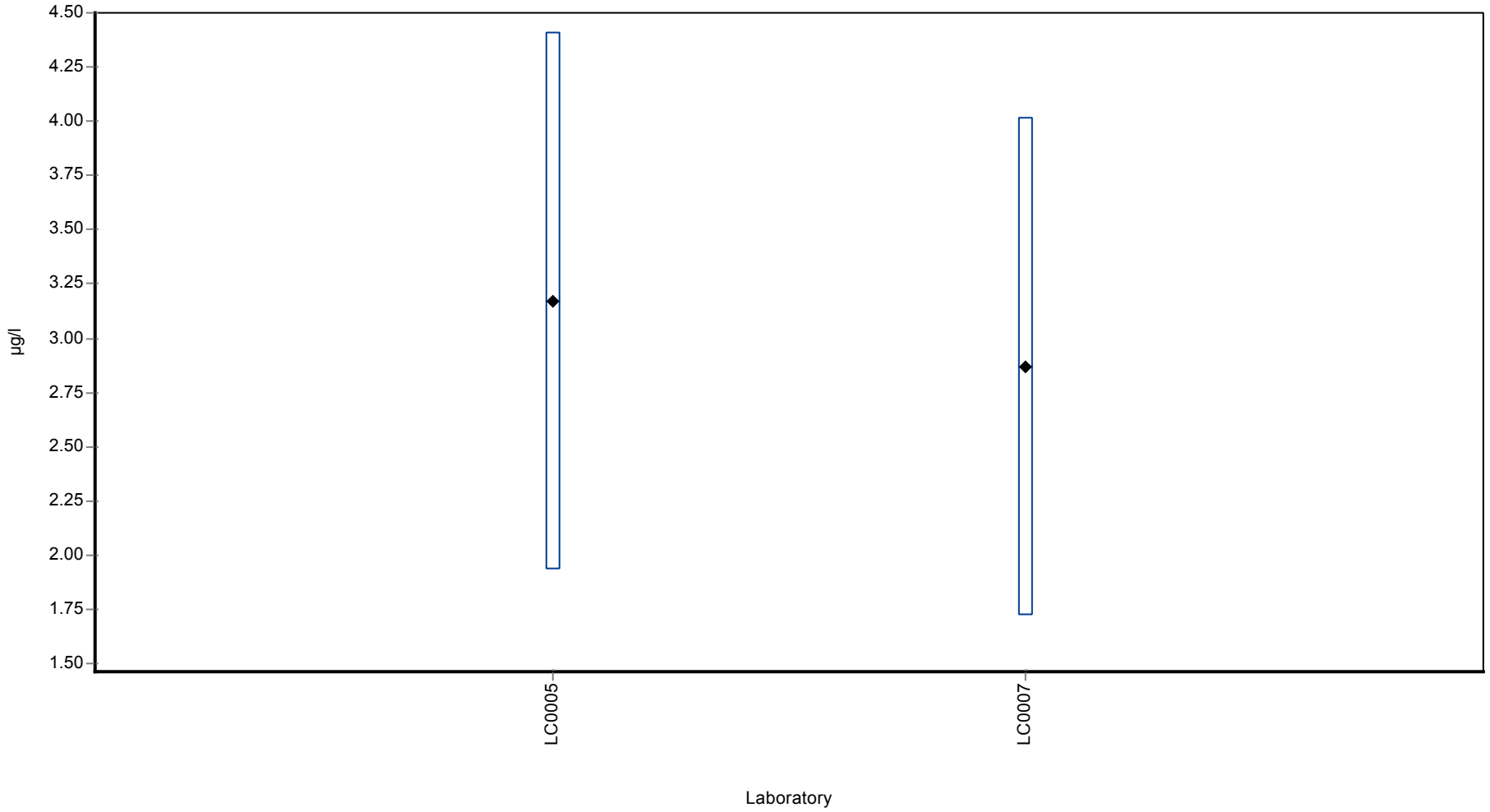
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	3.17	1.24	-	-	
LC0006	-	-	-	-	
LC0007	2.867	1.147	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	3.02 ± 0.454	-	µg/l
Minimum	2.87	2.87	µg/l
Maximum	3.17	3.17	µg/l
Standard deviation	0.214	-	µg/l
rel. Standard deviation	7.1	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Chlorothalonil sulfonic acid (Chlorothalonil-ESA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.22 - 0.22
Control test value ± U	<0.025 (LOD)

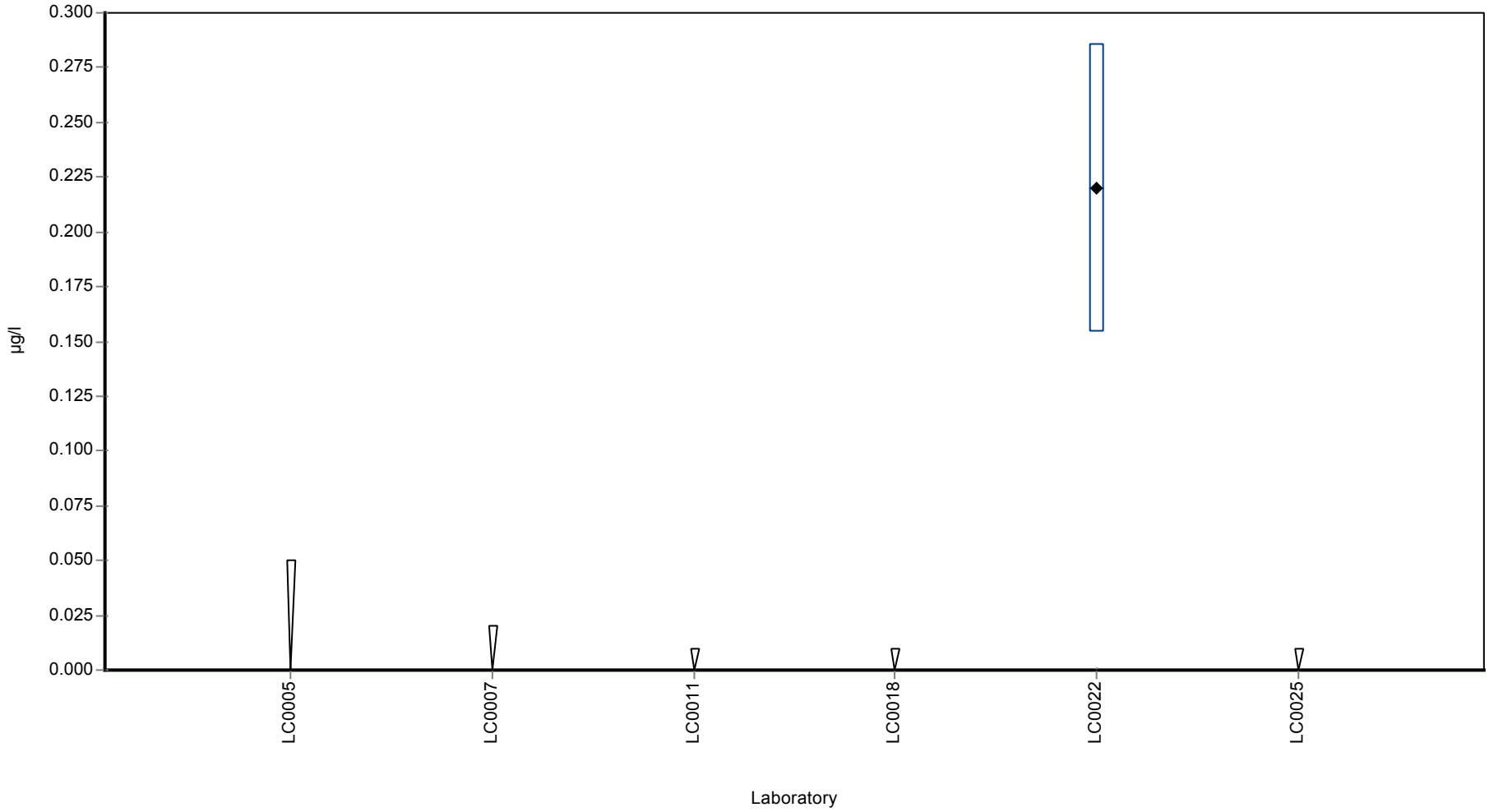
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.01 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.22	0.066	-	-	FP
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.22	-	µg/l
Minimum	0.22	0.22	µg/l
Maximum	0.22	0.22	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Chlorothalonil sulfonic acid (Chlorothalonil-ESA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	1.76 - 1.93
Control test value ± U	1.74 ± 0.262

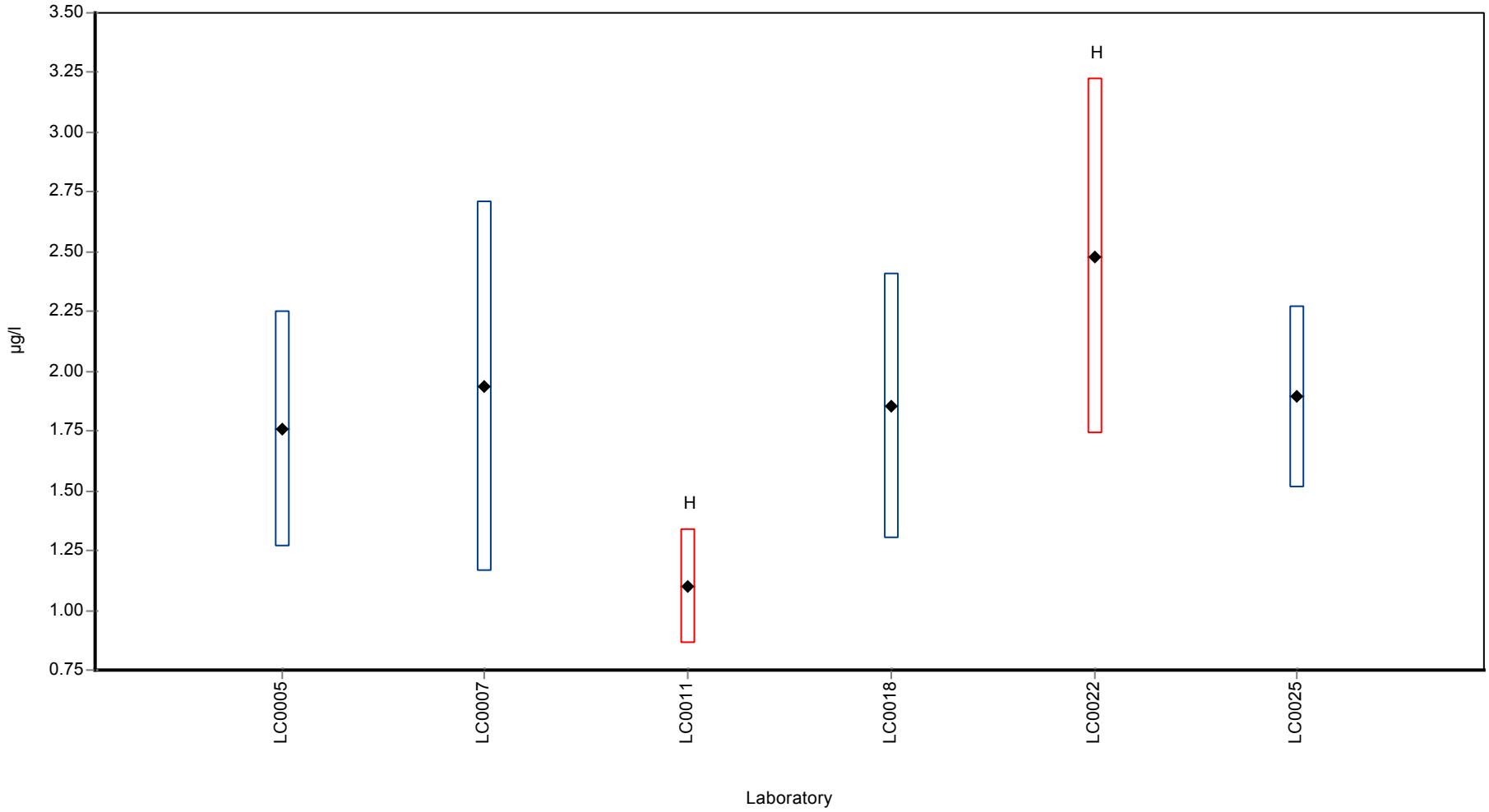
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	1.76	0.493	-	-	
LC0006	-	-	-	-	
LC0007	1.934	0.774	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	1.1	0.242	-	-	H
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	1.852	0.556	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	2.48	0.744	-	-	H
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	1.893	0.3786	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	1.84 ± 0.541	-	µg/l
Minimum	1.1	1.76	µg/l
Maximum	2.48	1.93	µg/l
Standard deviation	0.442	-	µg/l
rel. Standard deviation	24	-	%
n	6	4	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Clopyralid

Unit	µg/l
Mean ± CI (99%)	0.351 ± 0.0762
Minimum - Maximum	0.237 - 0.448
Control test value ± U	0.415 ± 0.0622

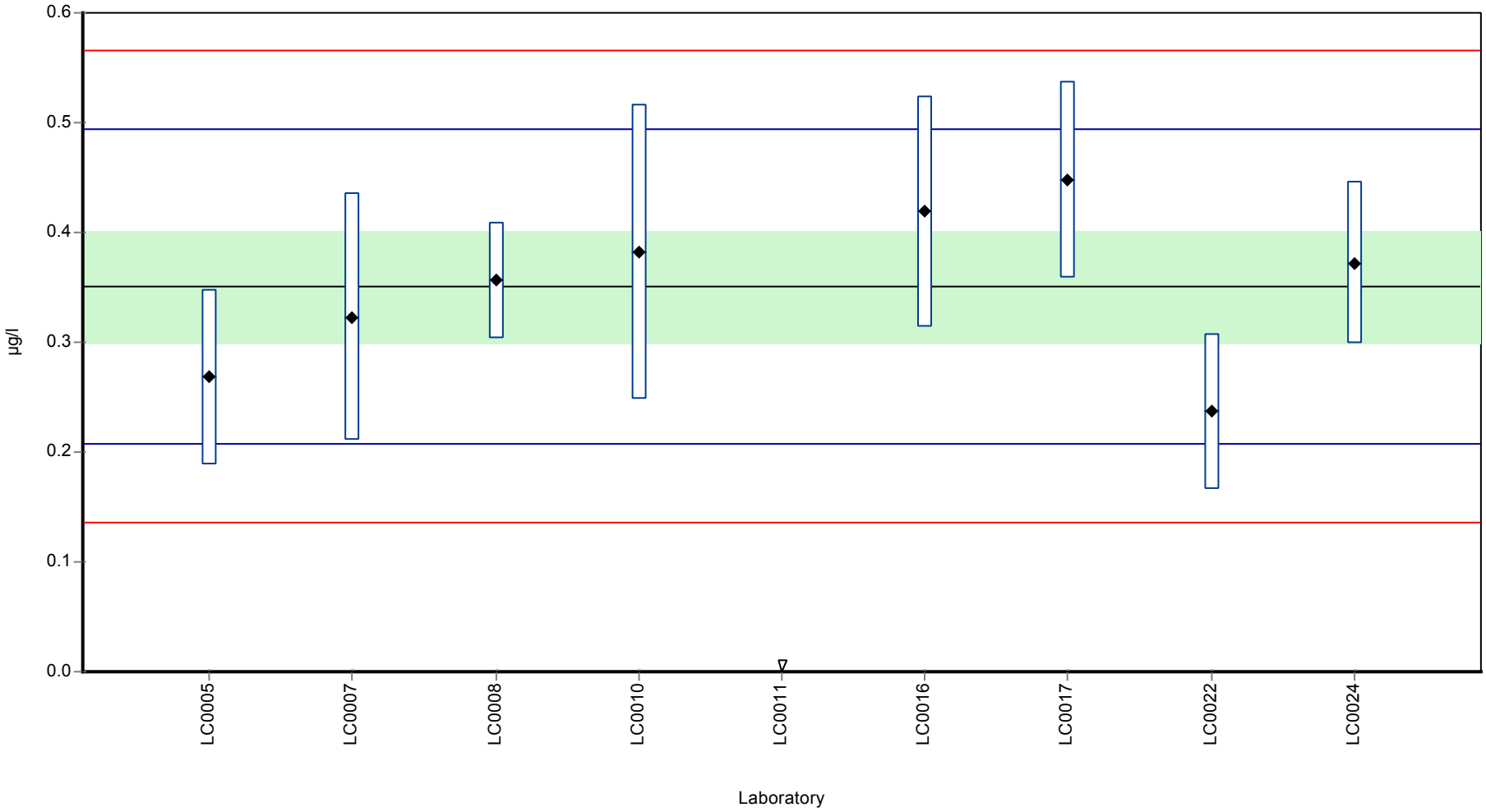
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.268	0.0804	76.4	-1.15	
LC0006	-	-	-	-	
LC0007	0.323	0.113	92.1	-0.39	
LC0008	0.356	0.053	102	0.07	
LC0009	-	-	-	-	
LC0010	0.382	0.134	109	0.44	
LC0011	< 0.01 (LOQ)	-	-	-	FN
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.419	0.105	120	0.95	
LC0017	0.448	0.09	128	1.36	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.237	0.0711	67.6	-1.58	
LC0023	-	-	-	-	
LC0024	0.372	0.074	106	0.3	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

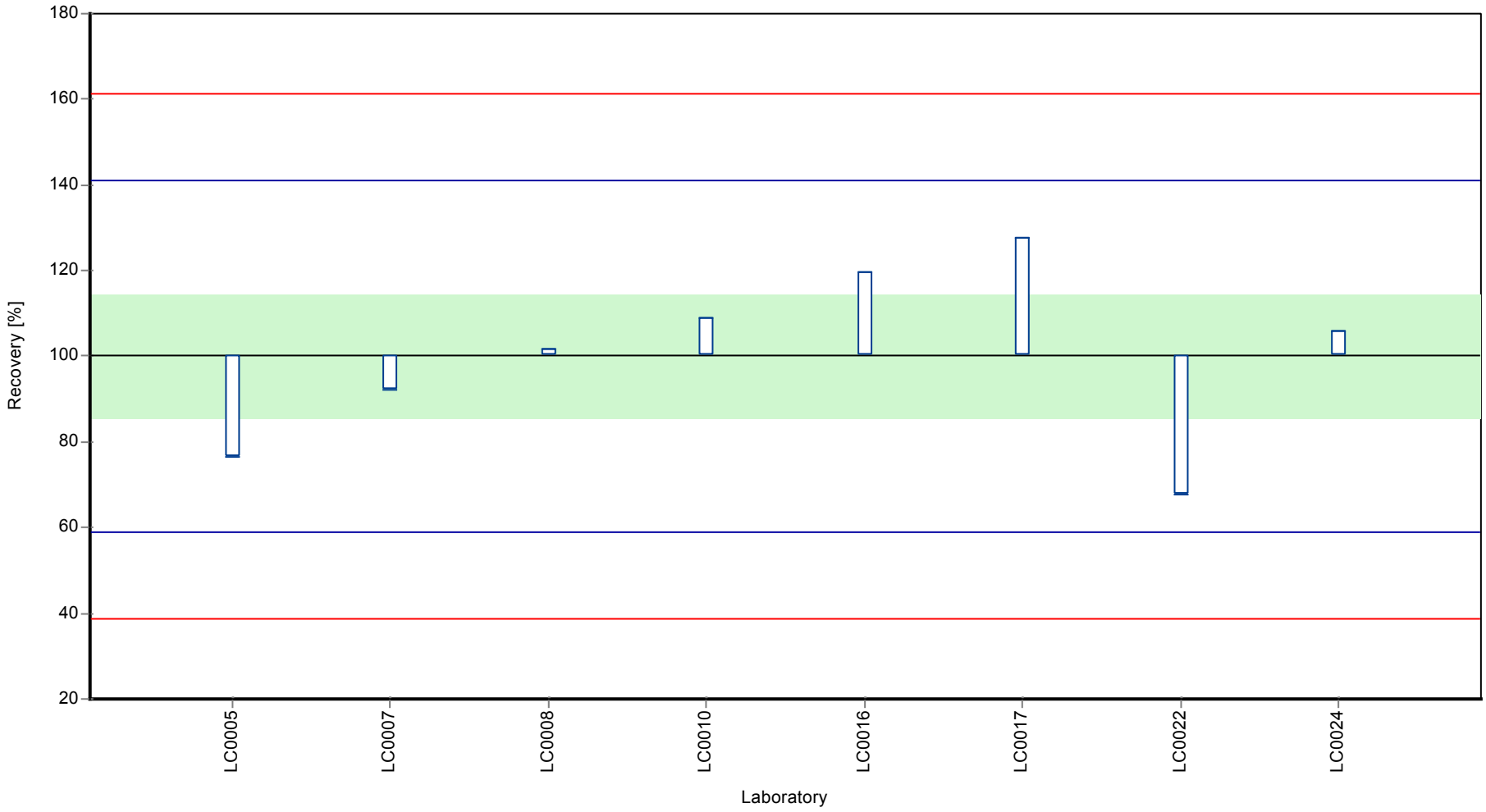
	all results	without outliers	Unit
Mean ± CI (99%)	0.351 ± 0.0762	0.351 ± 0.0762	µg/l
Minimum	0.237	0.237	µg/l
Maximum	0.448	0.448	µg/l
Standard deviation	0.0718	0.0718	µg/l
rel. Standard deviation	20.5	20.5	%
n	8	8	-

Graphical presentation of results

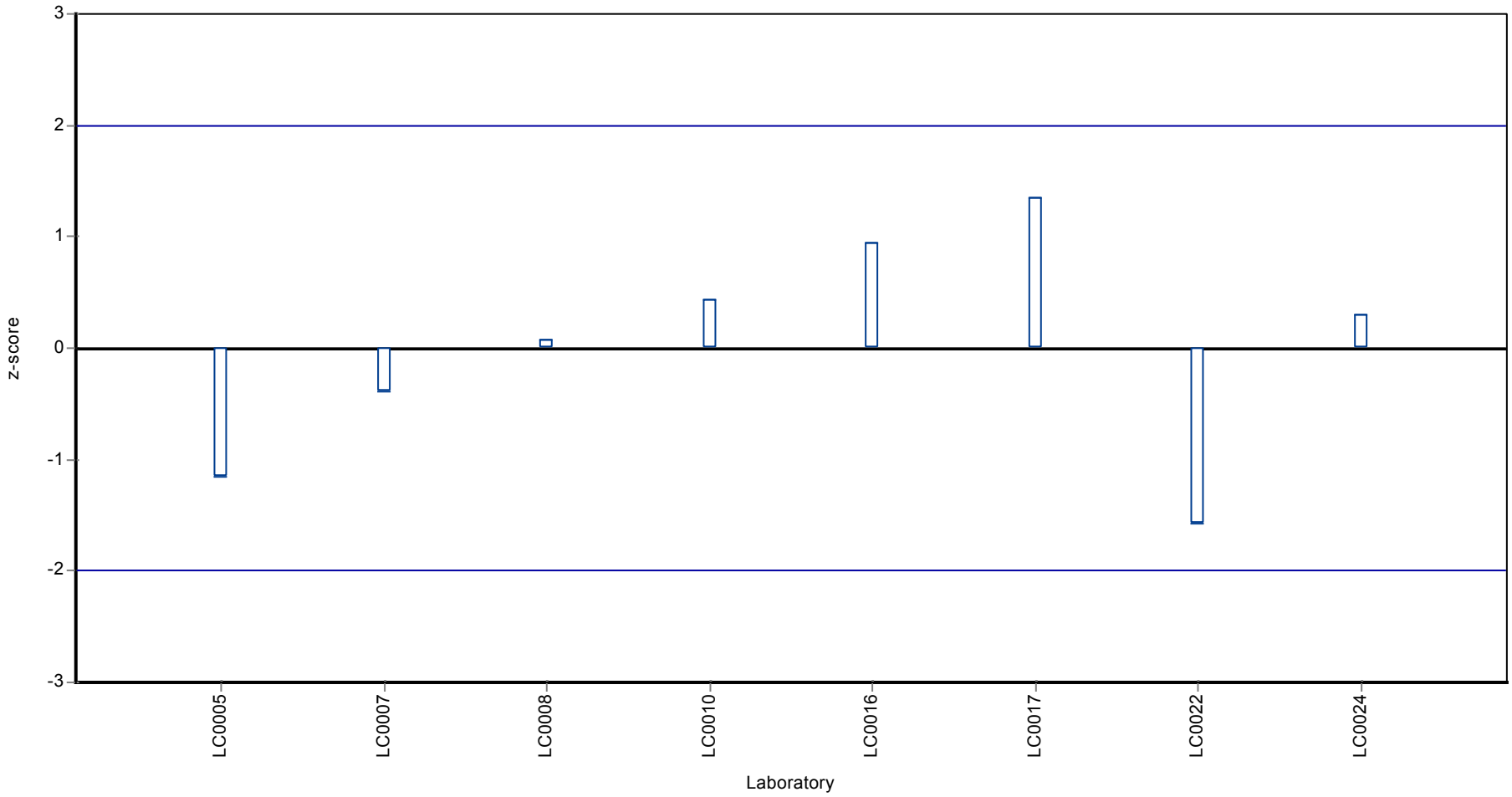
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0010
LC0016
LC0017
LC0022
LC0024
Laboratory

Parameter oriented report

PM02 B

Clopyralid

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

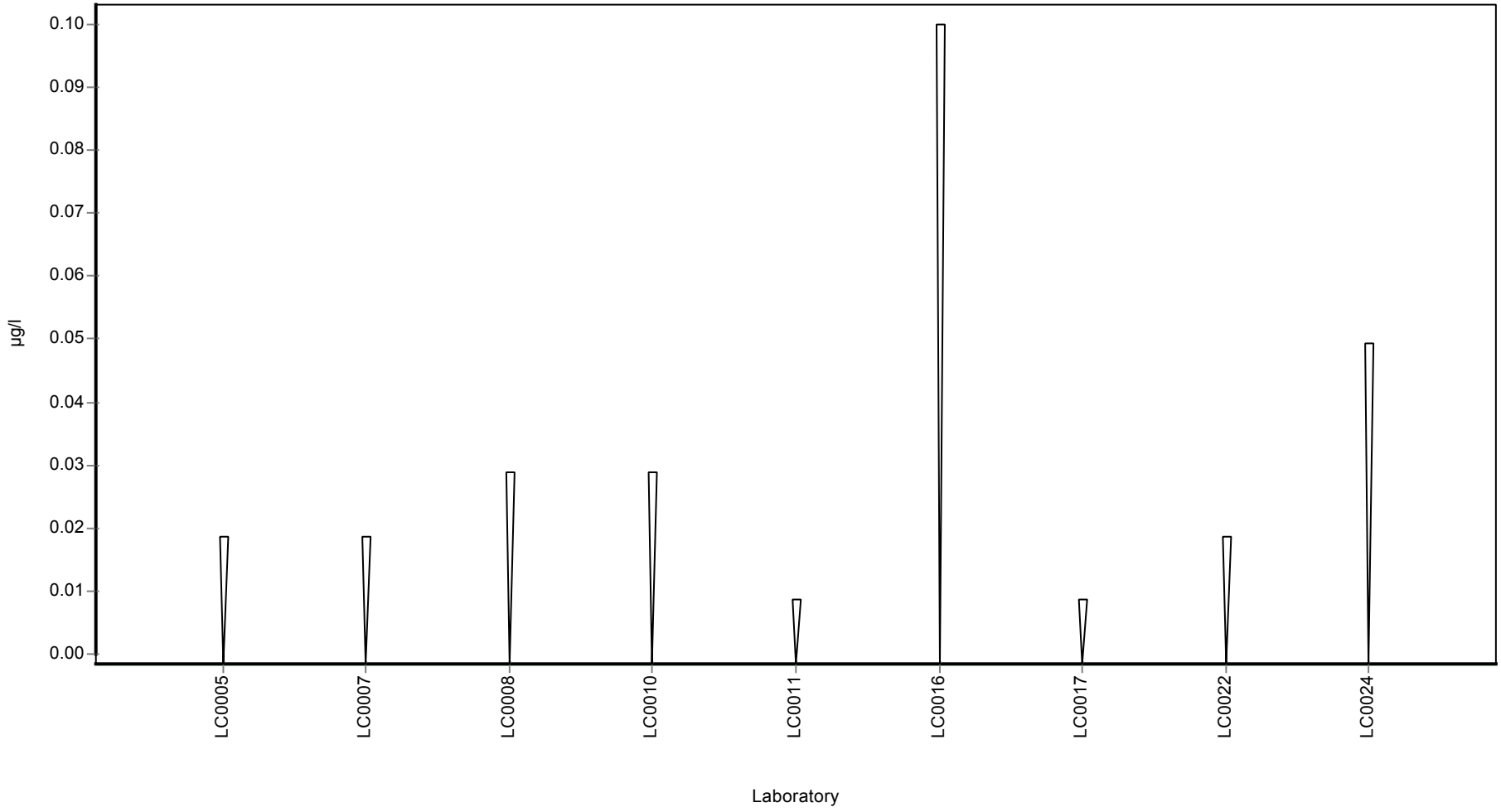
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.03 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.01 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.05 (LOQ)	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Clothianidin

Unit	µg/l
Mean ± CI (99%)	0.162 ± 0.0146
Minimum - Maximum	0.136 - 0.199
Control test value ± U	0.177 ± 0.0266

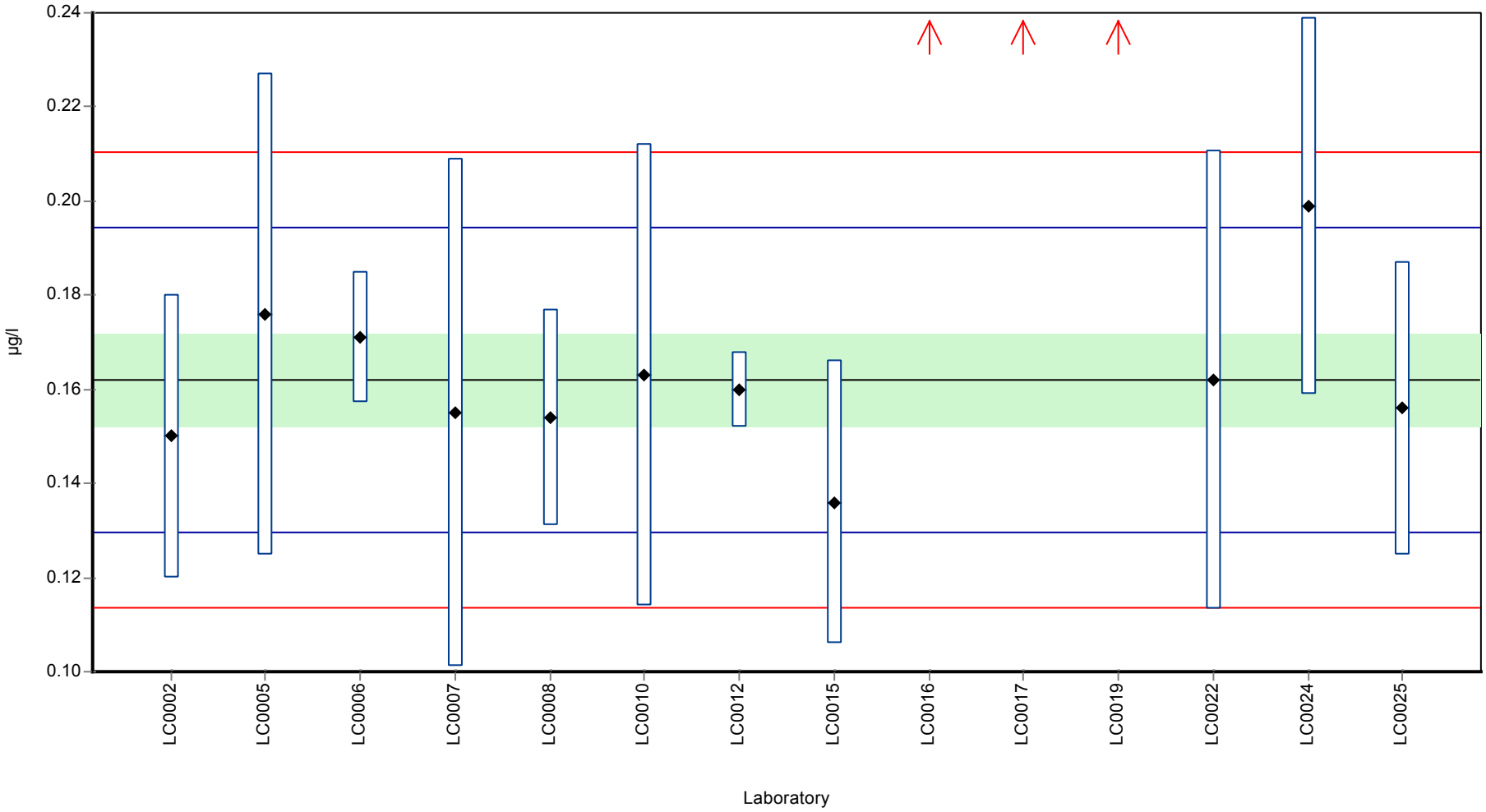
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.15	0.03	92.6	-0.74	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.176	0.0511	109	0.86	
LC0006	0.171	0.014	106	0.56	
LC0007	0.155	0.054	95.7	-0.43	
LC0008	0.154	0.023	95.1	-0.49	
LC0009	-	-	-	-	
LC0010	0.163	0.049	101	0.06	
LC0011	-	-	-	-	
LC0012	0.16	0.008	98.8	-0.12	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.136	0.03	84	-1.61	
LC0016	0.238	0.048	147	4.7	H
LC0017	0.244	0.037	151	5.07	H
LC0018	-	-	-	-	
LC0019	0.29	0.0725	179	7.91	H
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.162	0.0486	100	0	
LC0023	-	-	-	-	
LC0024	0.199	0.04	123	2.29	
LC0025	0.156	0.0312	96.3	-0.37	
LC0026	-	-	-	-	

Characteristics of parameter

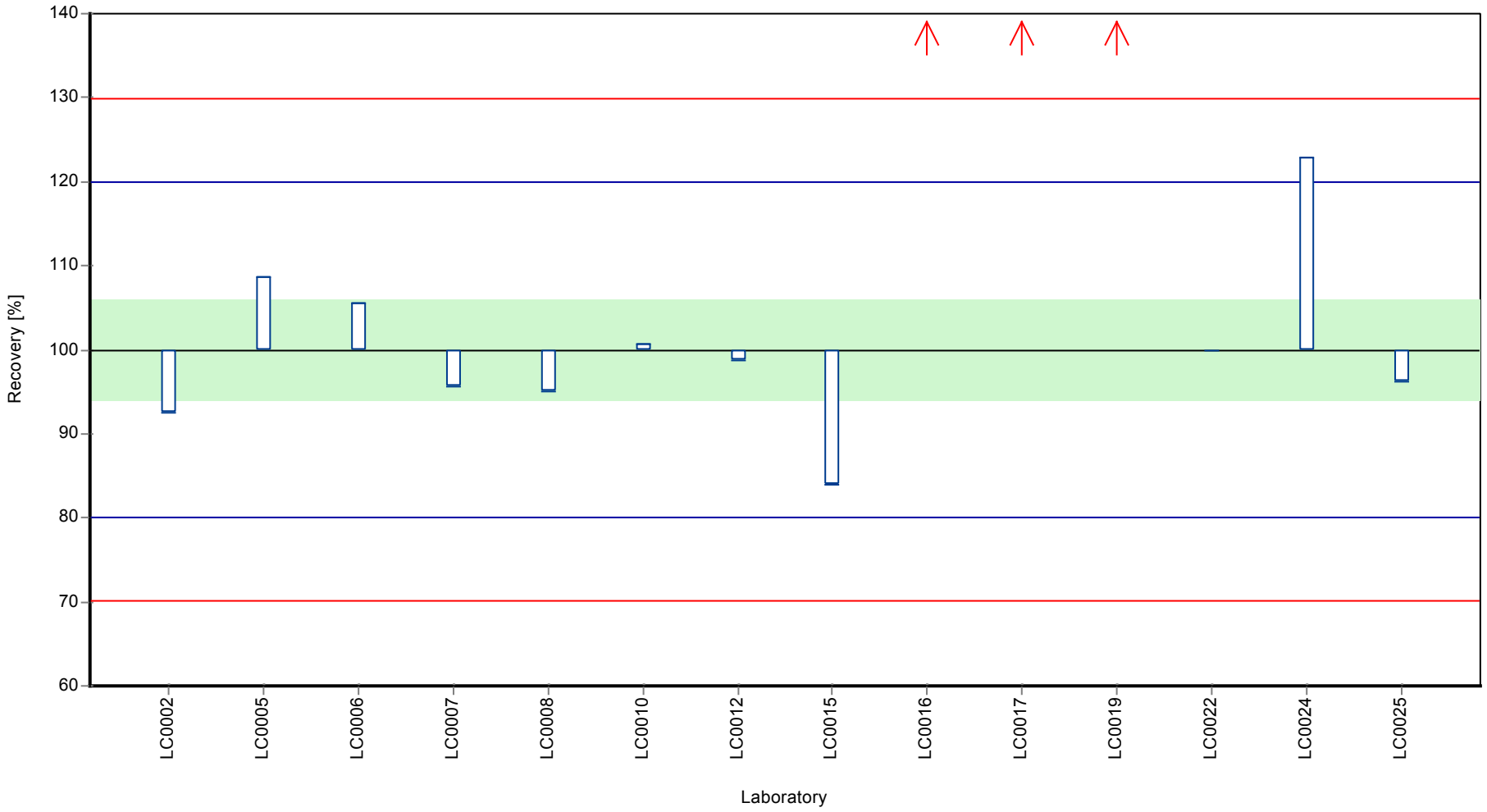
	all results	without outliers	Unit
Mean ± CI (99%)	0.182 ± 0.0356	0.162 ± 0.0146	µg/l
Minimum	0.136	0.136	µg/l
Maximum	0.29	0.199	µg/l
Standard deviation	0.0444	0.0162	µg/l
rel. Standard deviation	24.4	9.99	%
n	14	11	-

Graphical presentation of results

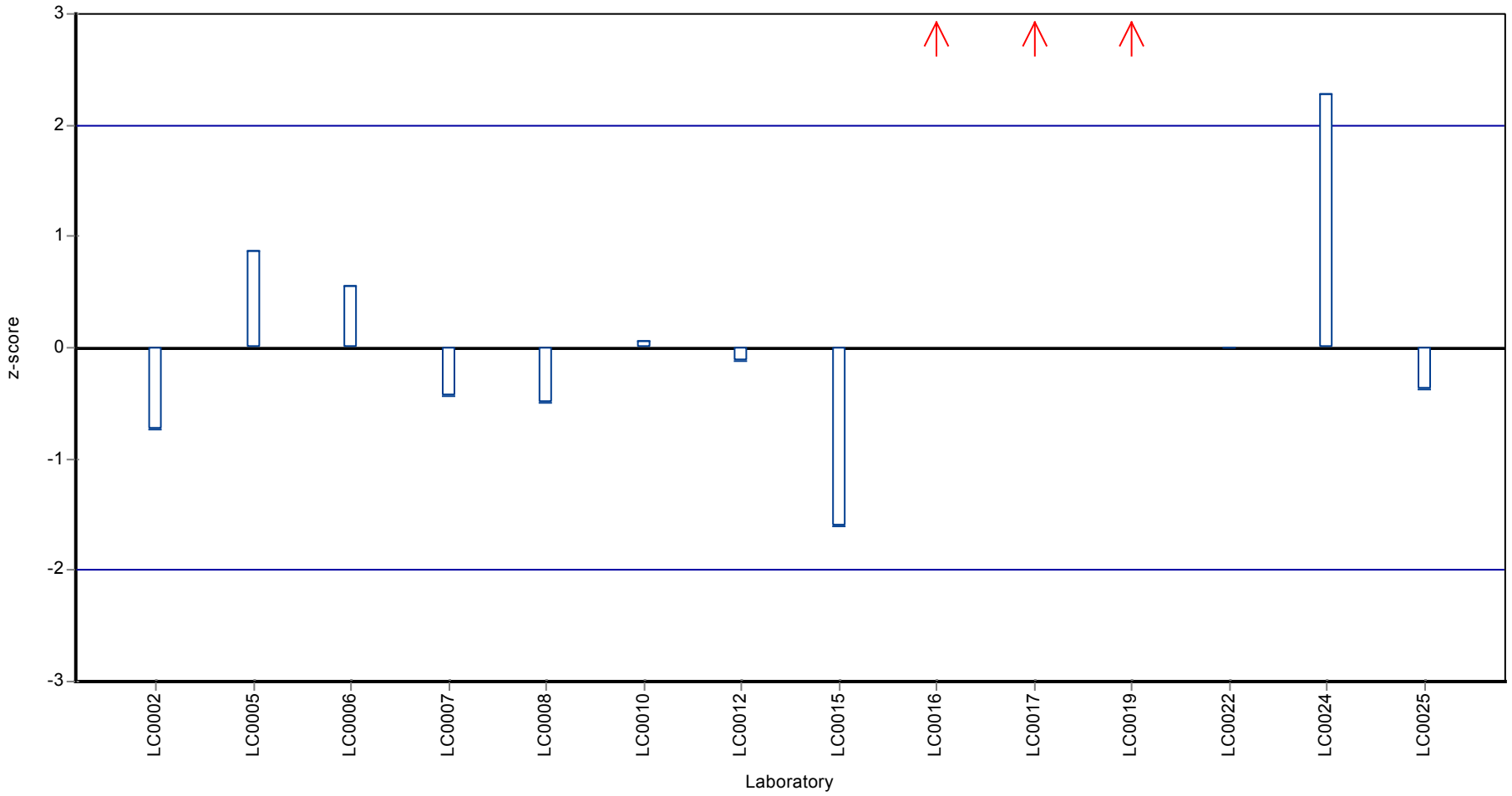
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0002
LC0005
LC0006
LC0007
LC0008
LC0010
LC0012
LC0015
LC0016
LC0017
LC0019
LC0022
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 B

Clothianidin

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

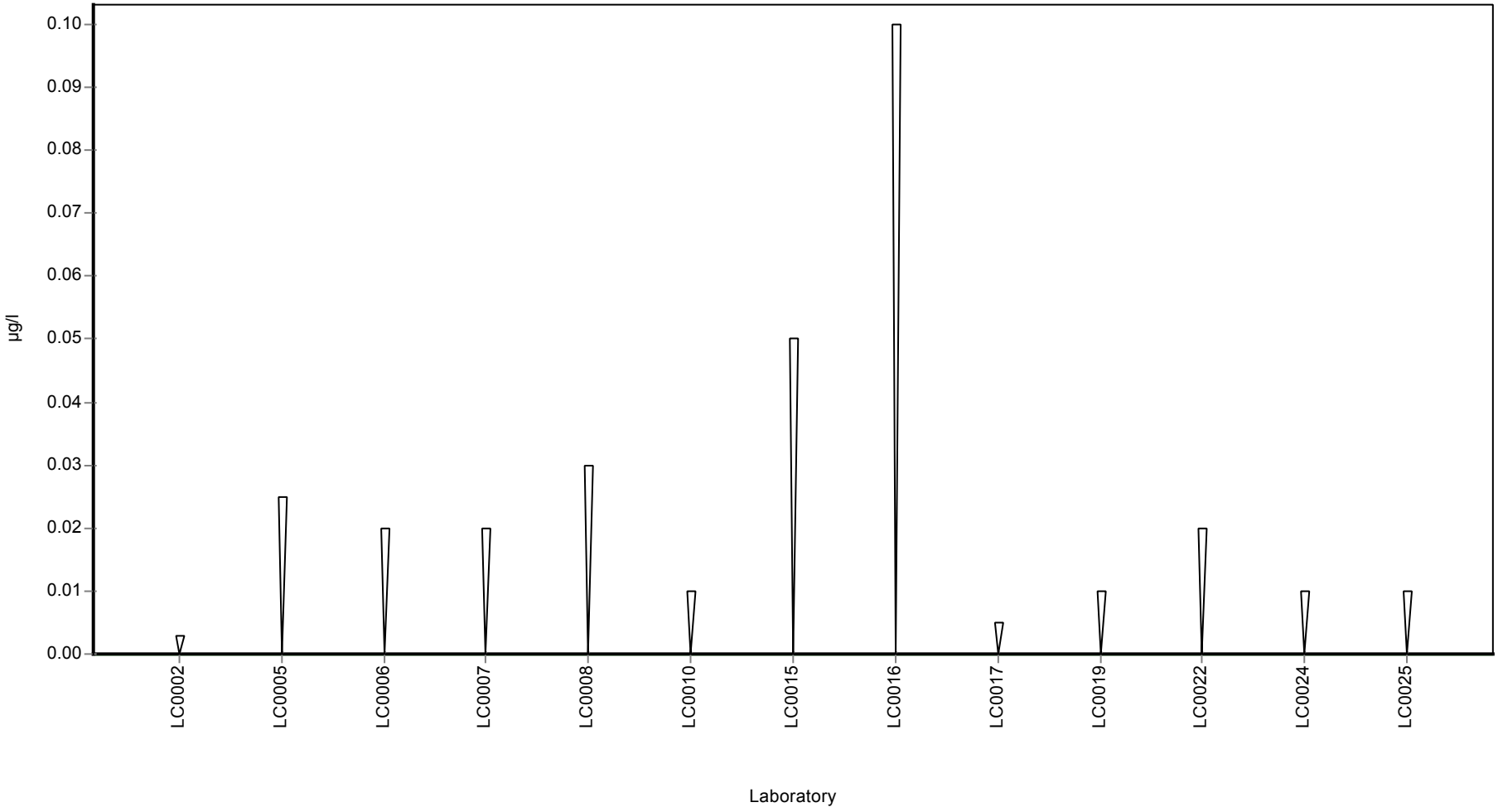
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.003 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	< 0.02 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.05 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.005 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Dicamba

Unit	µg/l
Mean ± CI (99%)	0.683 ± 0.0311
Minimum - Maximum	0.625 - 0.72
Control test value ± U	0.69 ± 0.103

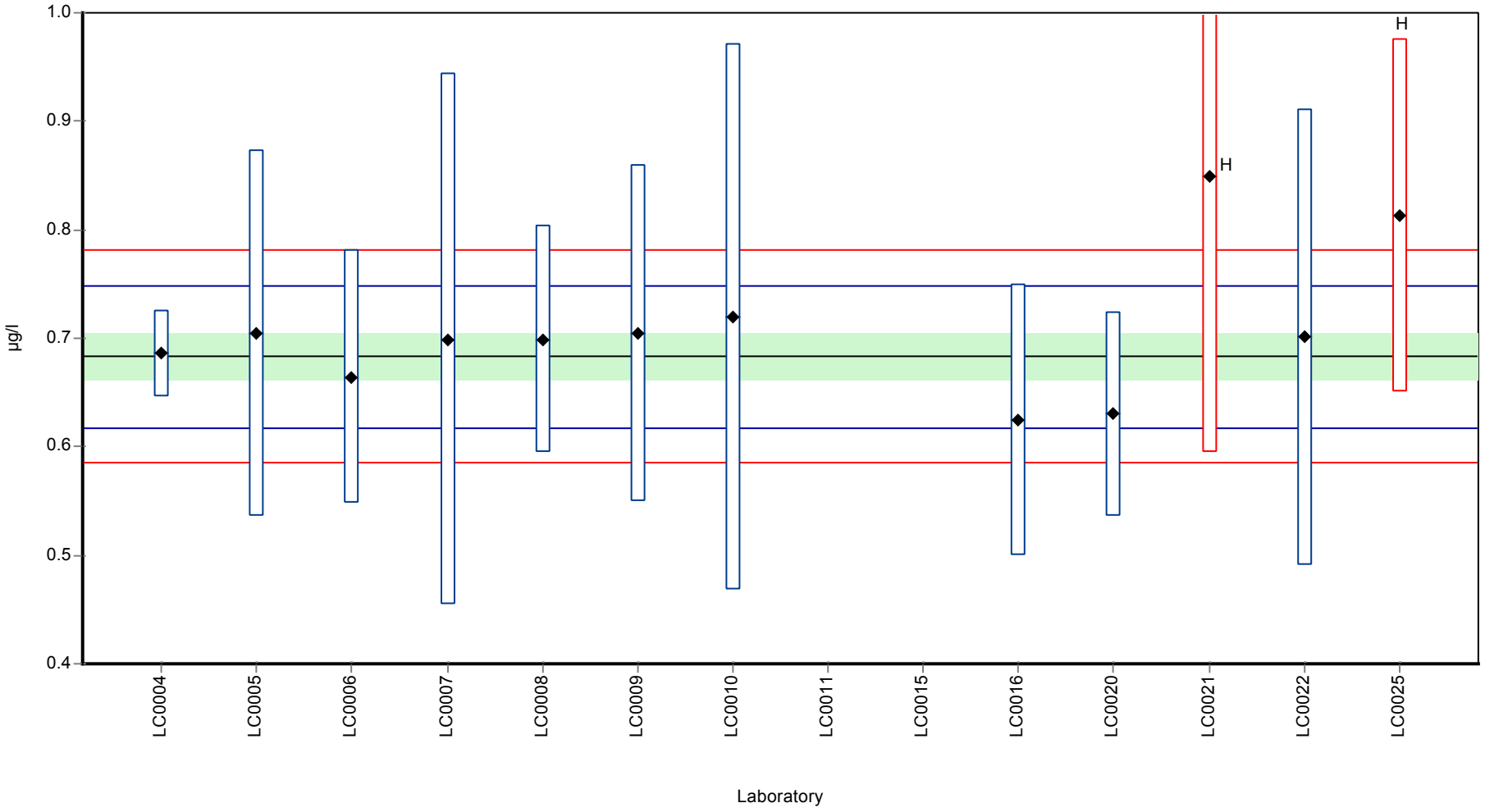
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.686	0.04	100	0.08	
LC0005	0.704	0.169	103	0.63	
LC0006	0.664	0.117	97.2	-0.59	
LC0007	0.699	0.245	102	0.48	
LC0008	0.699	0.105	102	0.48	
LC0009	0.705	0.155	103	0.66	
LC0010	0.72	0.252	105	1.12	
LC0011	0.107	0.0642	15.7	-17.6	H
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	FN
LC0016	0.625	0.125	91.5	-1.78	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.63	0.0945	92.2	-1.63	
LC0021	0.849	0.2547	124	5.05	H
LC0022	0.701	0.2103	103	0.54	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.813	0.163	119	3.96	H
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.662 ± 0.148	0.683 ± 0.0311	µg/l
Minimum	0.107	0.625	µg/l
Maximum	0.849	0.72	µg/l
Standard deviation	0.178	0.0328	µg/l
rel. Standard deviation	26.9	4.8	%
n	13	10	-

Graphical presentation of results

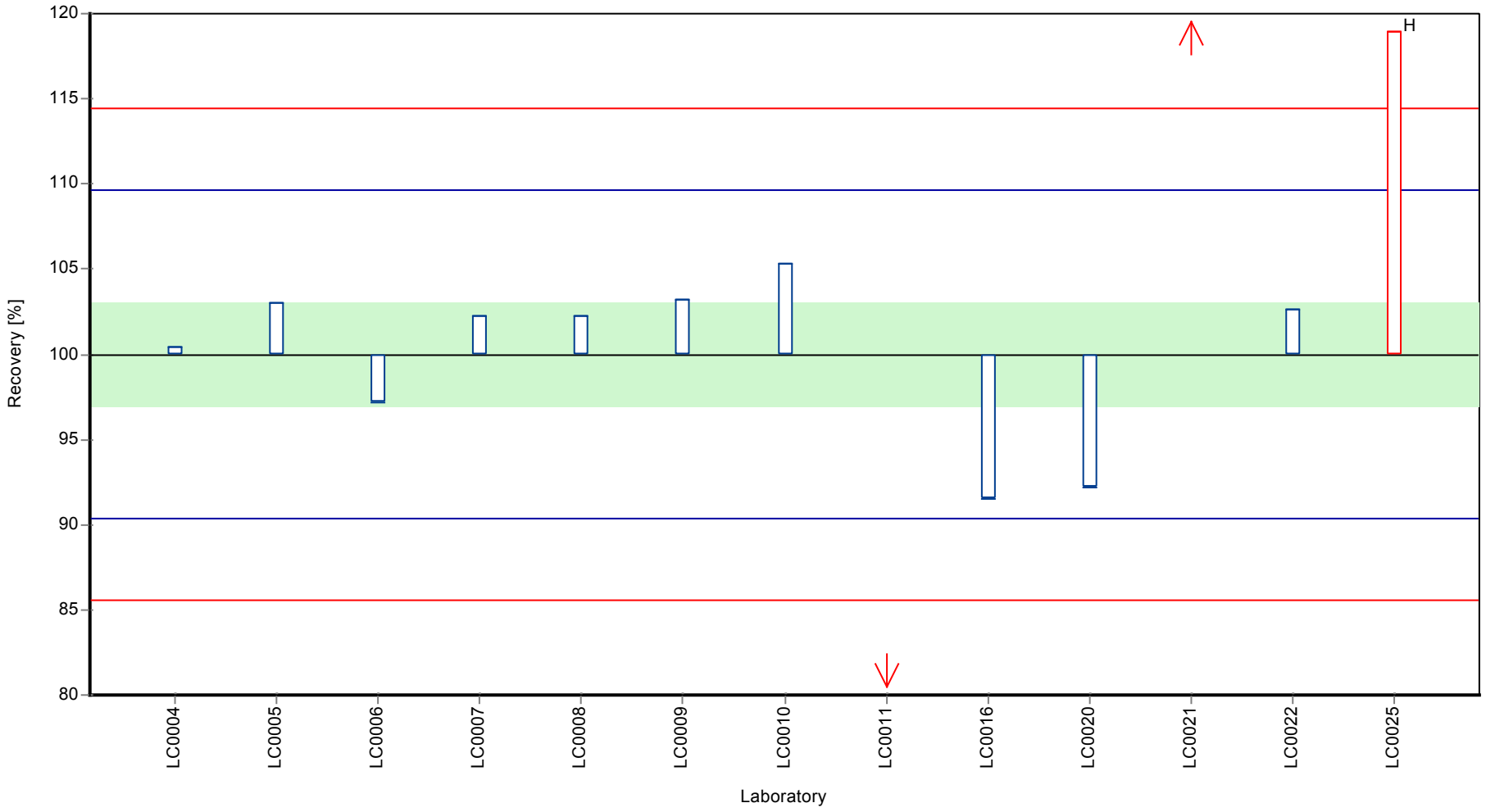
Results



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dicamba

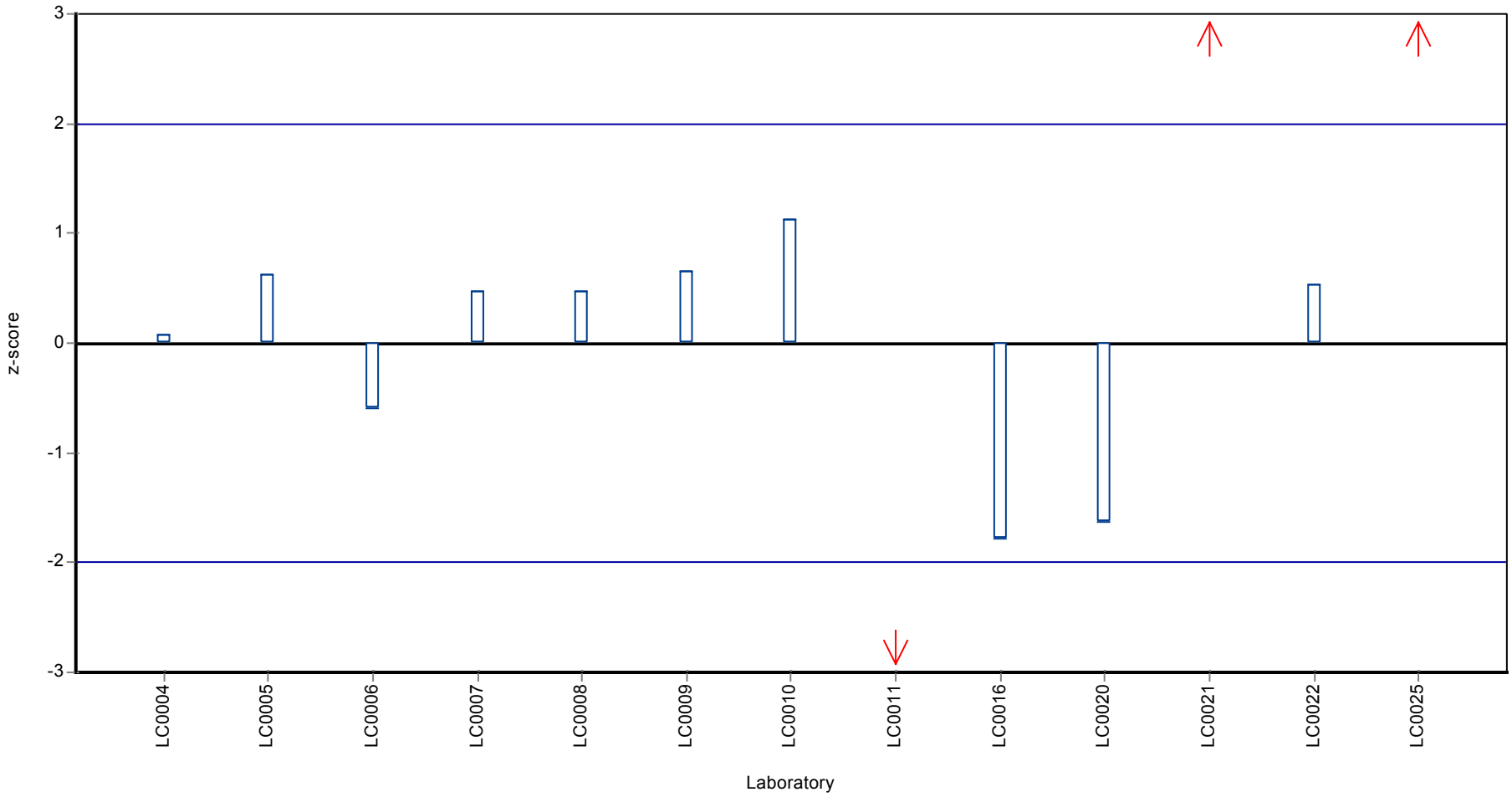
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dicamba

Z-score



Parameter oriented report

PM02 B

Dicamba

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.065 - 0.065
Control test value ± U	<0.025 (LOD)

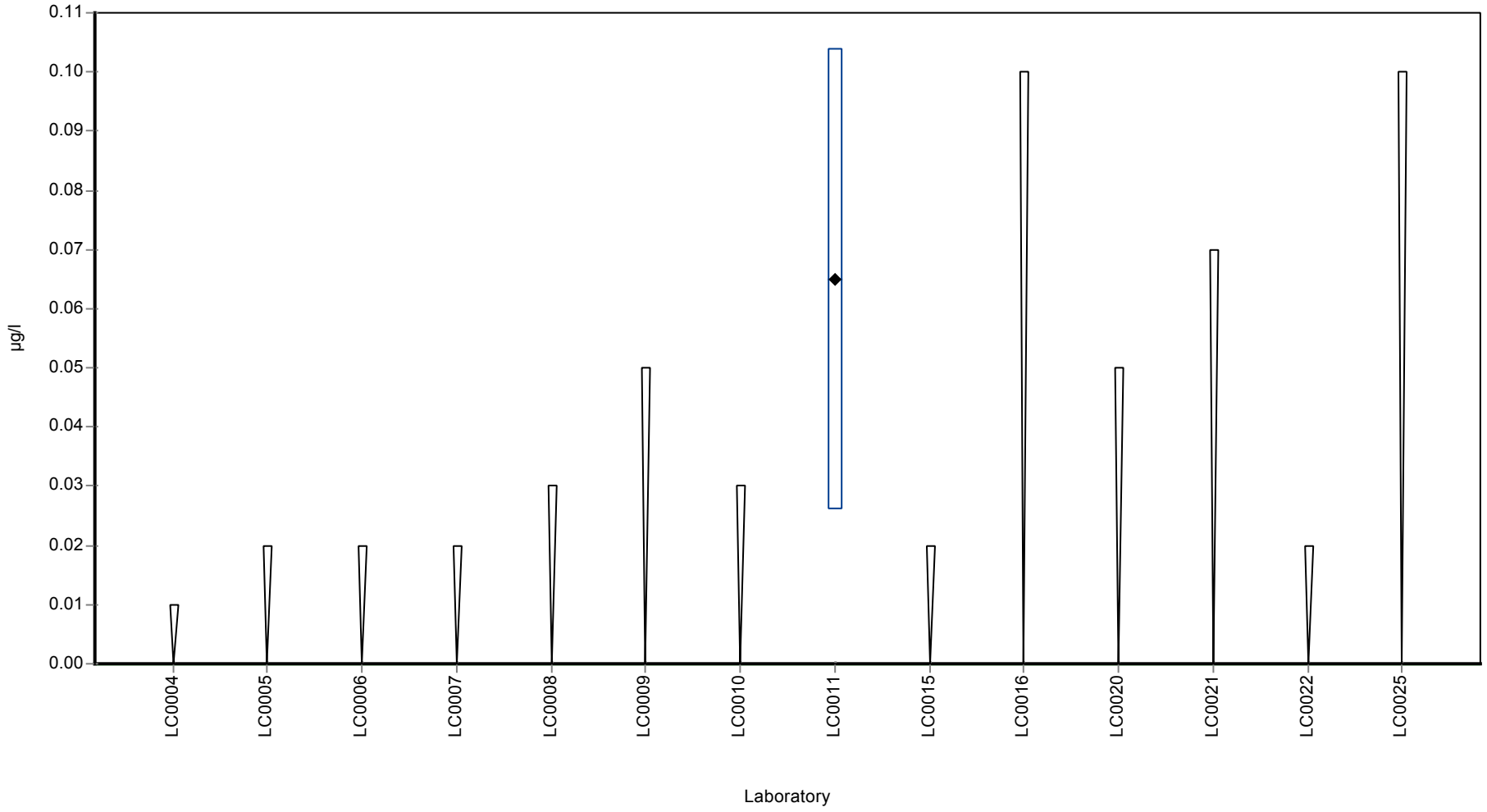
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	< 0.02 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.05 (LOQ)	-	-	-	
LC0010	< 0.03 (LOQ)	-	-	-	
LC0011	0.065	0.039	-	-	FP
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.07 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.1 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.065	-	µg/l
Minimum	0.065	0.065	µg/l
Maximum	0.065	0.065	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Dichlorprop

Unit	µg/l
Mean ± CI (99%)	0.606 ± 0.0444
Minimum - Maximum	0.452 - 0.733
Control test value ± U	0.615 ± 0.0922

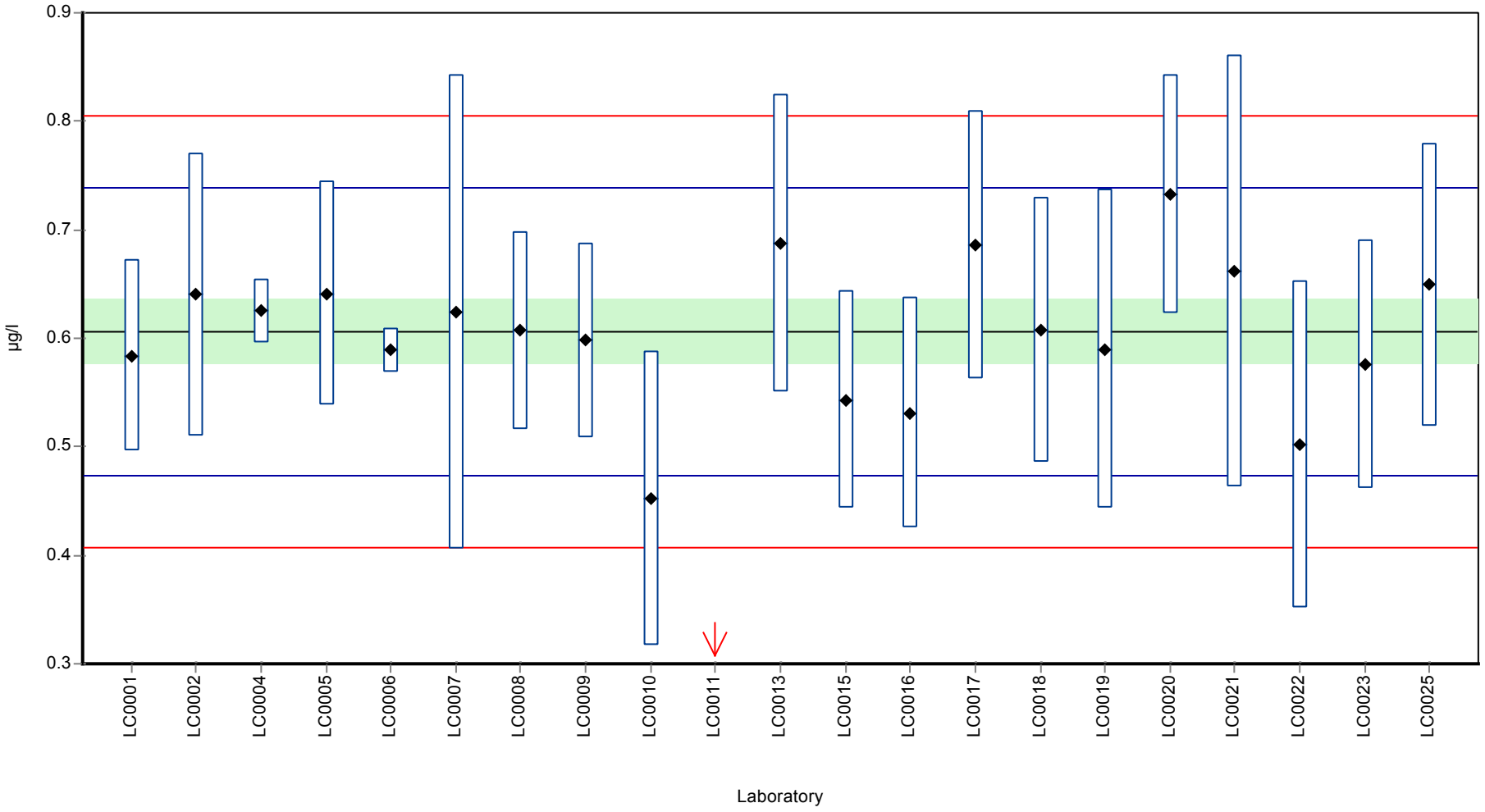
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.584	0.088	96.3	-0.34	
LC0002	0.64	0.13	106	0.51	
LC0003	-	-	-	-	
LC0004	0.625	0.03	103	0.28	
LC0005	0.641	0.103	106	0.52	
LC0006	0.589	0.02	97.1	-0.26	
LC0007	0.624	0.218	103	0.27	
LC0008	0.607	0.091	100	0.01	
LC0009	0.598	0.09	98.6	-0.13	
LC0010	0.452	0.136	74.5	-2.33	
LC0011	0.189	0.113	31.2	-6.3	H
LC0012	-	-	-	-	
LC0013	0.687	0.137	113	1.22	
LC0014	-	-	-	-	
LC0015	0.543	0.1	89.6	-0.96	
LC0016	0.531	0.106	87.6	-1.14	
LC0017	0.686	0.124	113	1.2	
LC0018	0.608	0.122	100	0.02	
LC0019	0.59	0.1475	97.3	-0.25	
LC0020	0.733	0.10995	121	1.91	
LC0021	0.662	0.1986	109	0.84	
LC0022	0.502	0.1506	82.8	-1.58	
LC0023	0.576	0.115	95	-0.46	
LC0024	-	-	-	-	
LC0025	0.649	0.13	107	0.64	
LC0026	-	-	-	-	

Characteristics of parameter

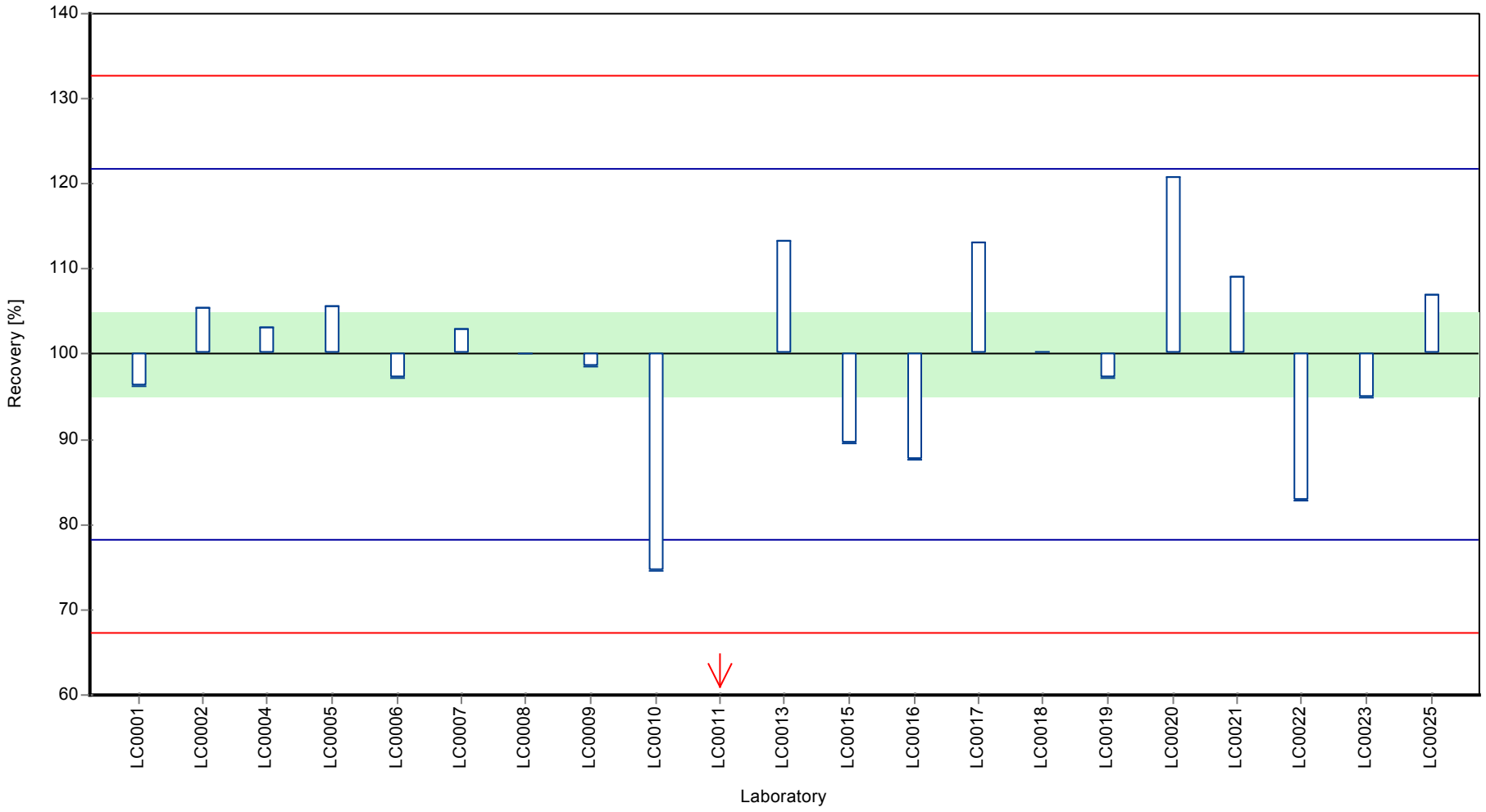
	all results	without outliers	Unit
Mean ± CI (99%)	0.586 ± 0.0731	0.606 ± 0.0444	µg/l
Minimum	0.189	0.452	µg/l
Maximum	0.733	0.733	µg/l
Standard deviation	0.112	0.0662	µg/l
rel. Standard deviation	19	10.9	%
n	21	20	-

Graphical presentation of results

Results



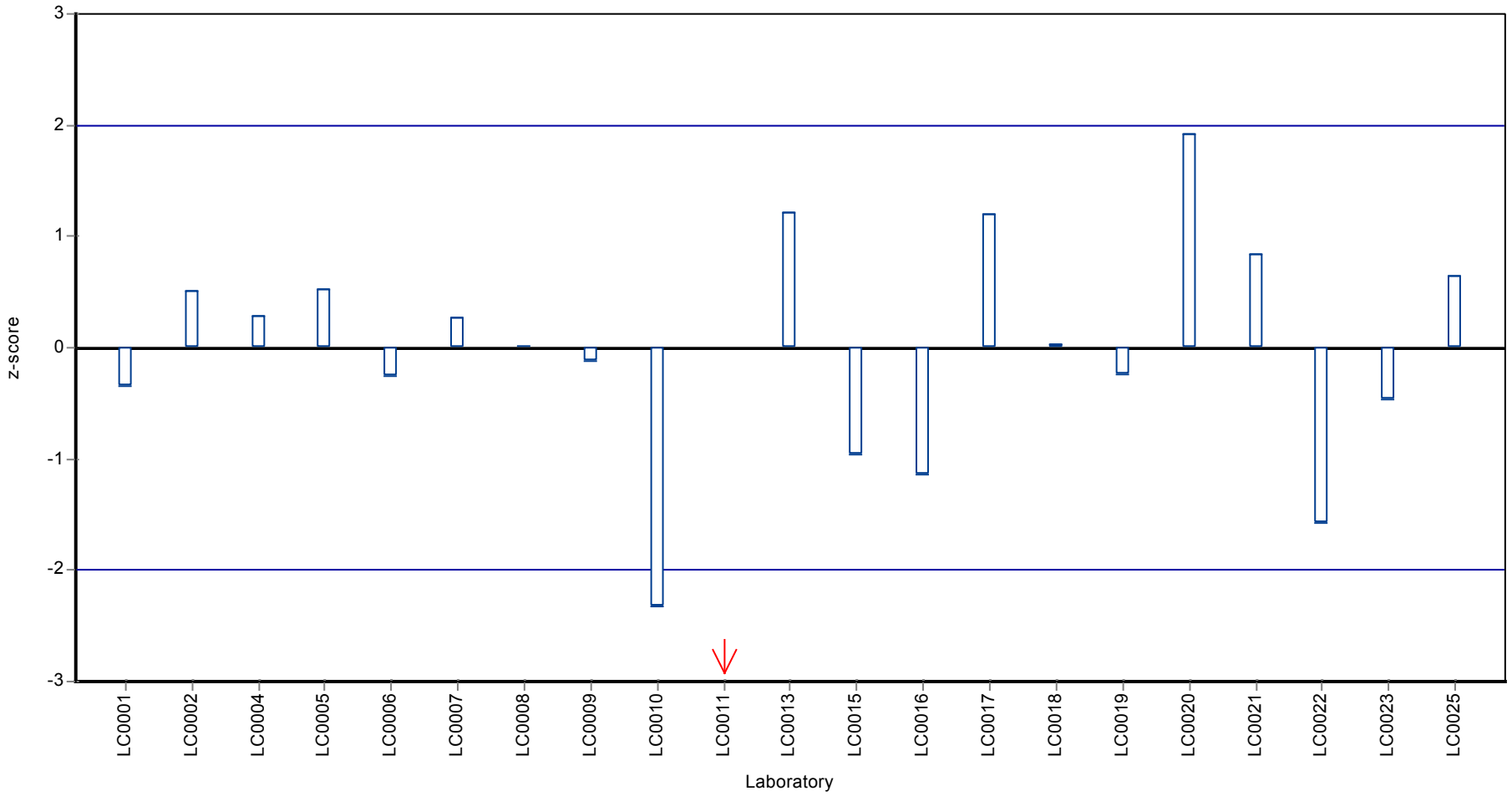
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dichlorprop

Z-score



Parameter oriented report

PM02 B

Dichlorprop

Unit	µg/l
Mean ± CI (99%)	0.222 ± 0.0162
Minimum - Maximum	0.173 - 0.266
Control test value ± U	0.228 ± 0.0341

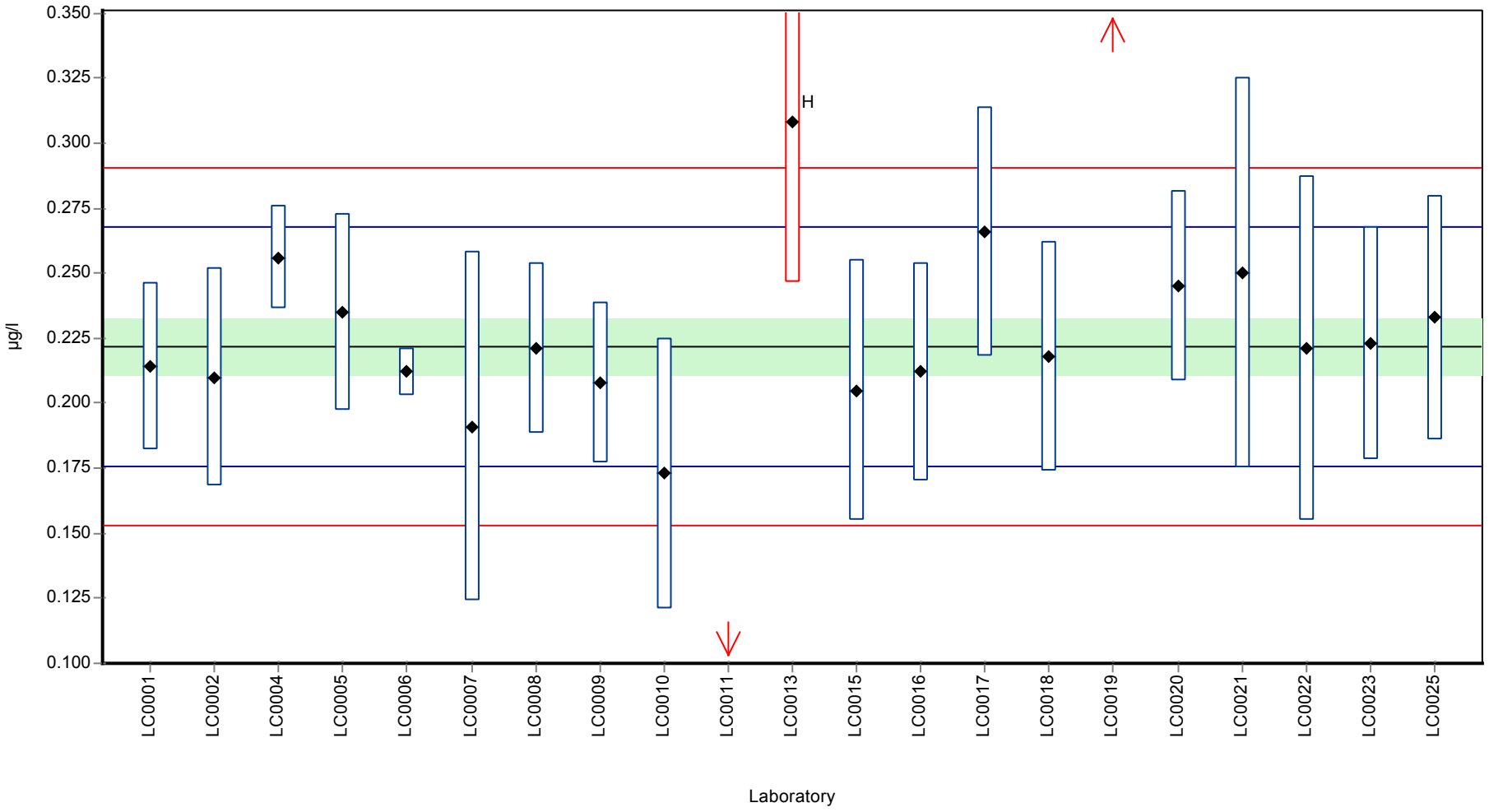
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.214	0.032	96.5	-0.34	
LC0002	0.21	0.042	94.7	-0.52	
LC0003	-	-	-	-	
LC0004	0.256	0.02	115	1.49	
LC0005	0.235	0.0376	106	0.57	
LC0006	0.212	0.009	95.6	-0.43	
LC0007	0.191	0.067	86.1	-1.34	
LC0008	0.221	0.033	99.6	-0.04	
LC0009	0.208	0.031	93.8	-0.6	
LC0010	0.173	0.052	78	-2.13	
LC0011	0.068	0.041	30.7	-6.7	H
LC0012	-	-	-	-	
LC0013	0.308	0.062	139	3.75	H
LC0014	-	-	-	-	
LC0015	0.205	0.05	92.4	-0.73	
LC0016	0.212	0.042	95.6	-0.43	
LC0017	0.266	0.048	120	1.92	
LC0018	0.218	0.044	98.3	-0.17	
LC0019	0.47	0.1175	212	10.8	H
LC0020	0.245	0.03675	110	1.01	
LC0021	0.25	0.075	113	1.23	
LC0022	0.221	0.0663	99.6	-0.04	
LC0023	0.223	0.045	101	0.05	
LC0024	-	-	-	-	
LC0025	0.233	0.047	105	0.49	
LC0026	-	-	-	-	

Characteristics of parameter

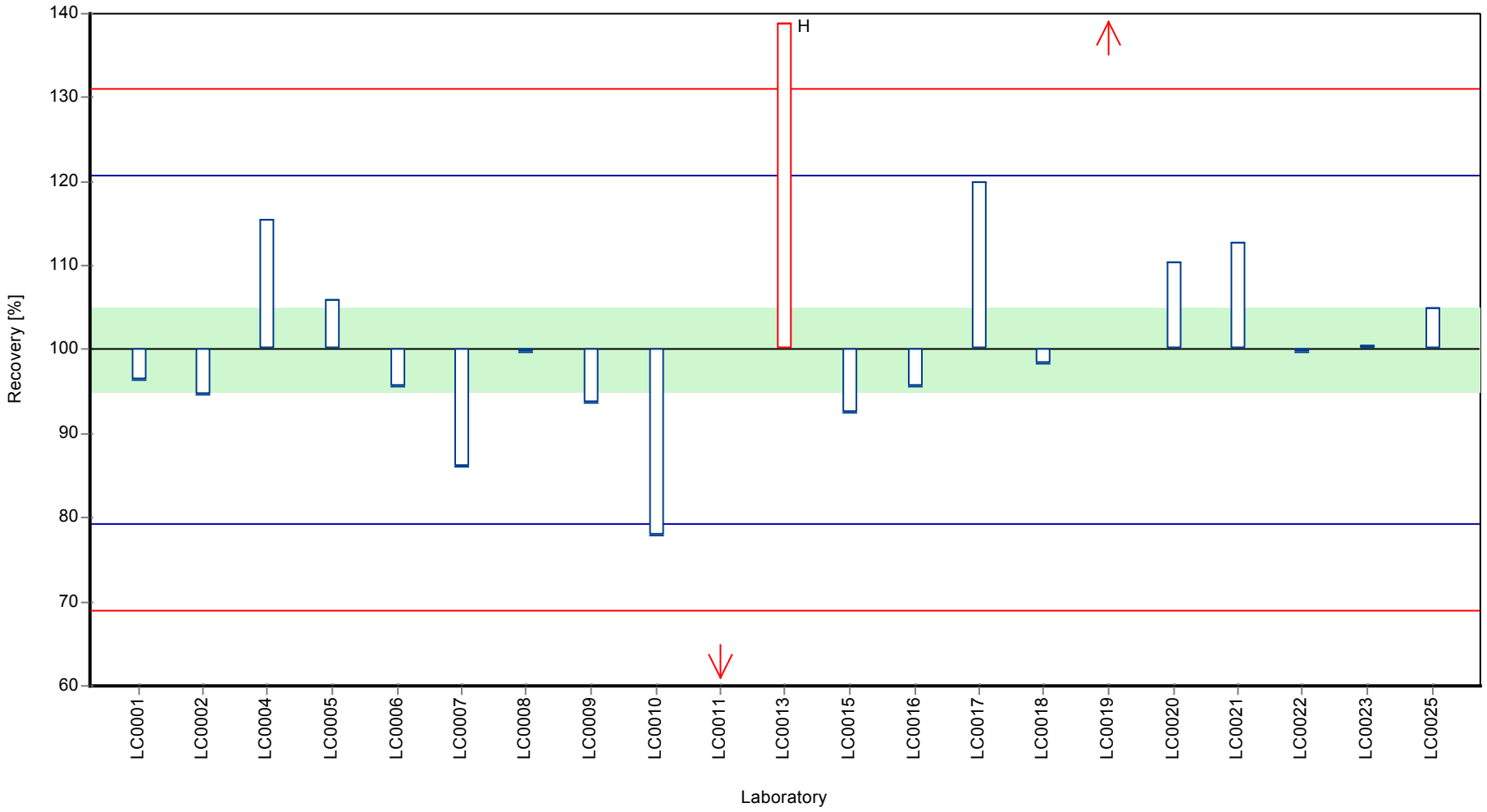
	all results	without outliers	Unit
Mean ± CI (99%)	0.23 ± 0.0463	0.222 ± 0.0162	µg/l
Minimum	0.068	0.173	µg/l
Maximum	0.47	0.266	µg/l
Standard deviation	0.0707	0.023	µg/l
rel. Standard deviation	30.7	10.4	%
n	21	18	-

Graphical presentation of results

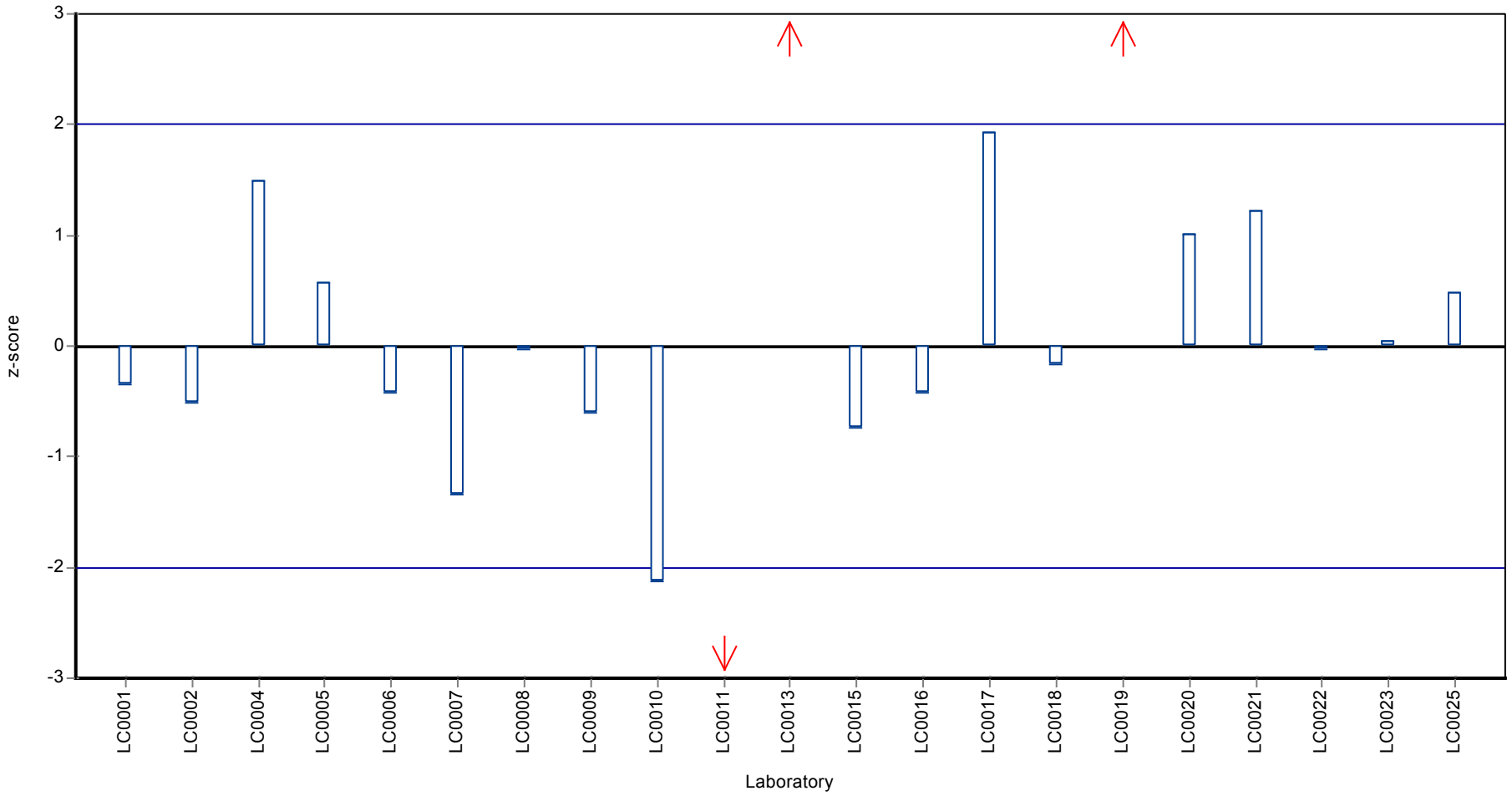
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0002
LC0004
LC0005
LC0006
LC0007
LC0008
LC0009
LC0010
LC0011
LC0013
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0023
LC0025
Laboratory

Parameter oriented report

PM02 A

Dieldrin

Unit	µg/l
Mean ± CI (99%)	0.06 ± 0.0154
Minimum - Maximum	0.03 - 0.078
Control test value ± U	0.0802 ± 0.0241

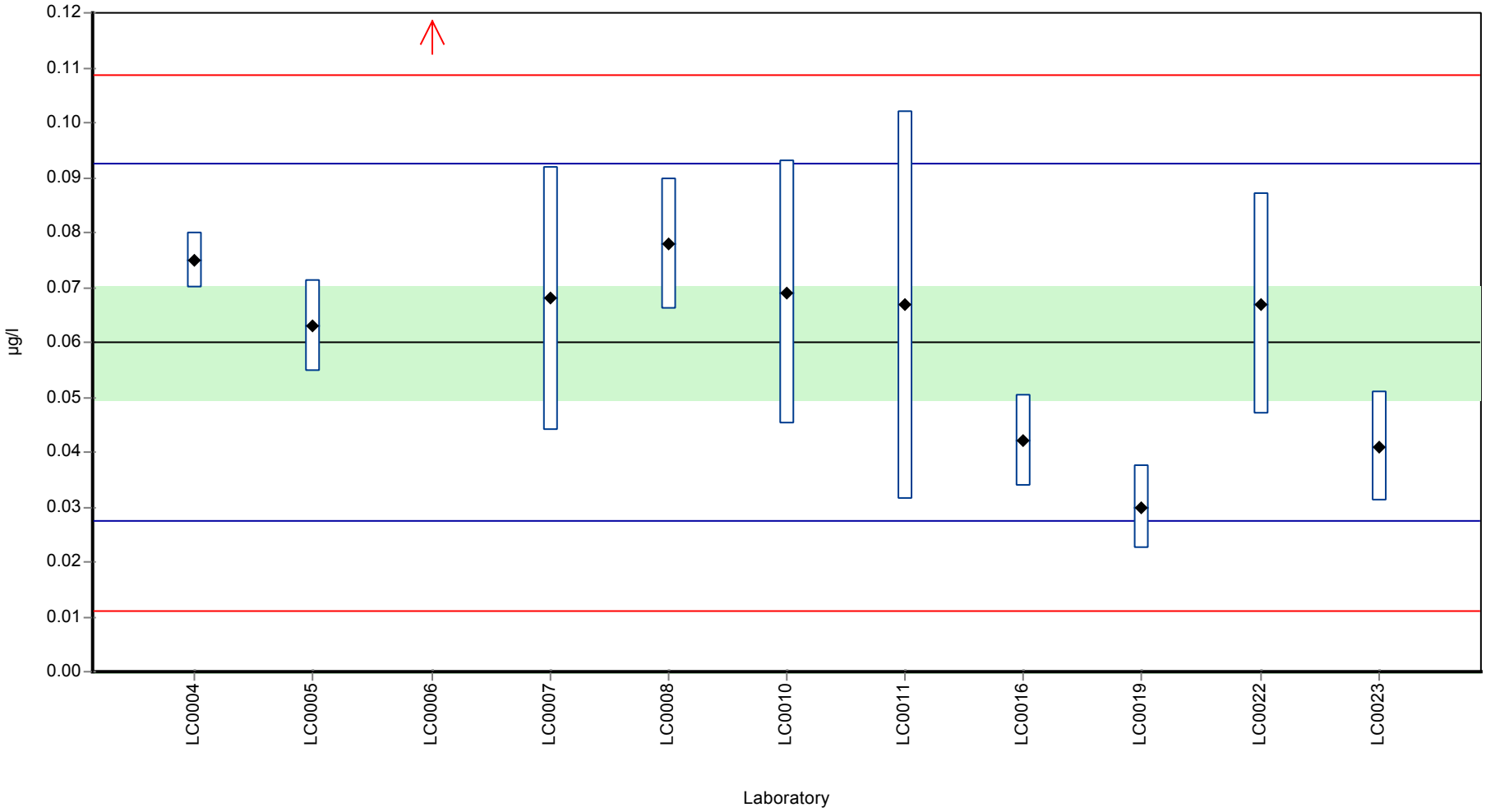
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.075	0.005	125	0.92	
LC0005	0.0629	0.0084	105	0.18	
LC0006	0.1258	0.0033	210	4.05	H
LC0007	0.068	0.024	113	0.49	
LC0008	0.078	0.012	130	1.11	
LC0009	-	-	-	-	
LC0010	0.069	0.024	115	0.56	
LC0011	0.0668	0.0354	111	0.42	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.042	0.0084	70	-1.1	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.03	0.0075	50	-1.84	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.067	0.0201	112	0.43	
LC0023	0.041	0.01	68.4	-1.17	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.066 ± 0.0227	0.06 ± 0.0154	µg/l
Minimum	0.03	0.03	µg/l
Maximum	0.126	0.078	µg/l
Standard deviation	0.0251	0.0163	µg/l
rel. Standard deviation	38.1	27.1	%
n	11	10	-

Graphical presentation of results

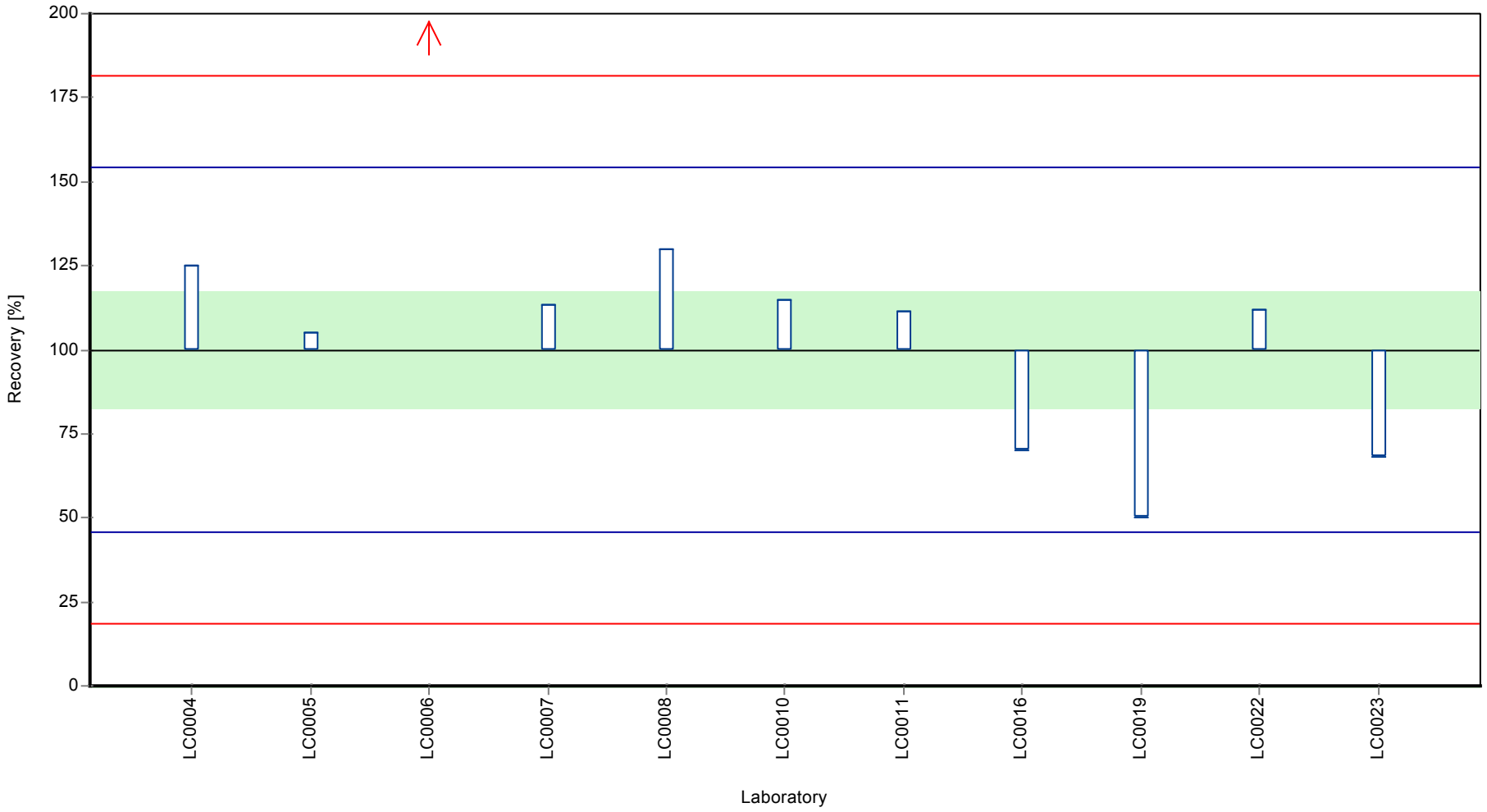
Results



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dieldrin

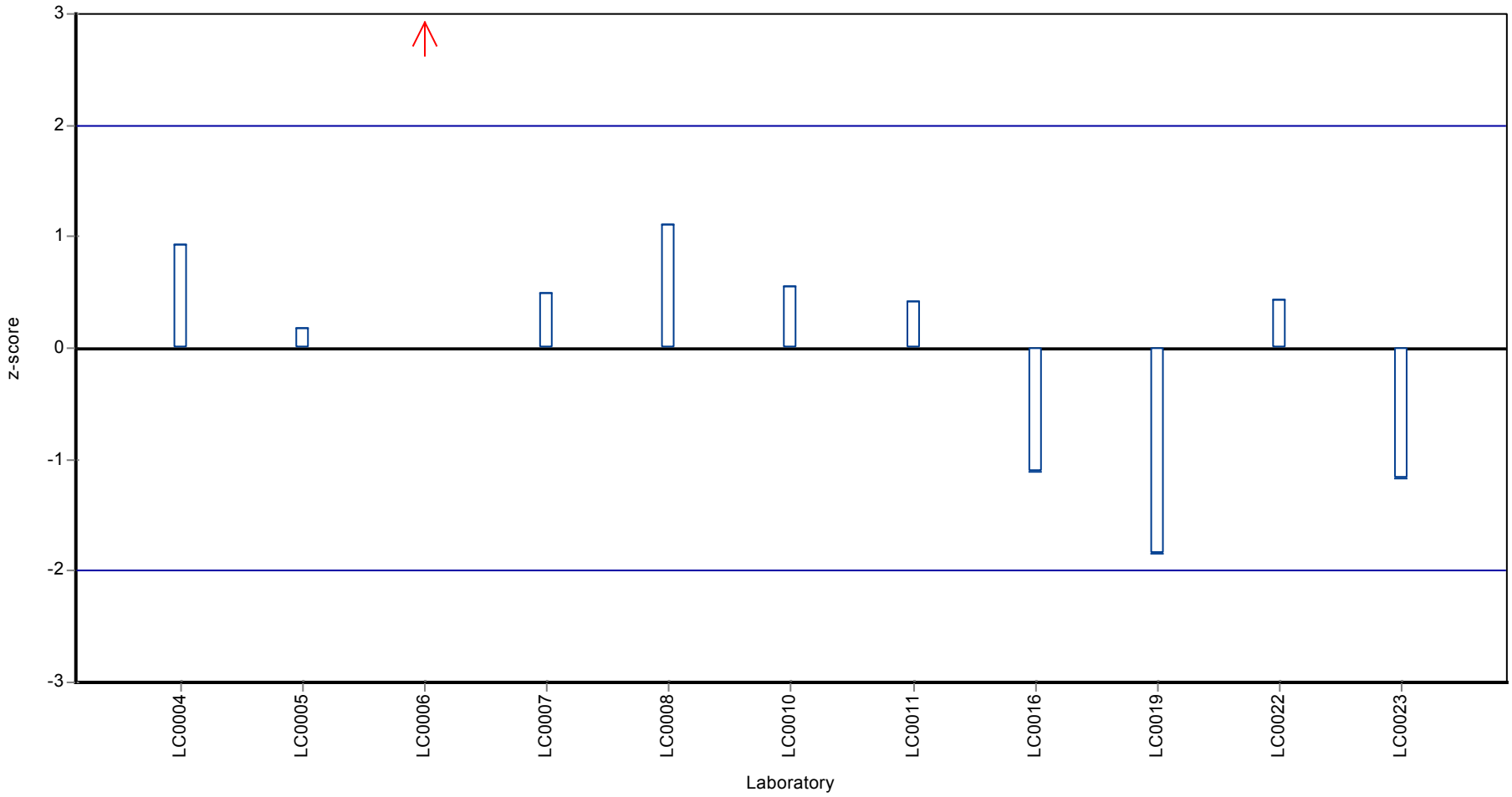
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dieldrin

Z-score



Parameter oriented report

PM02 B

Dieldrin

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.0025 (LOD)

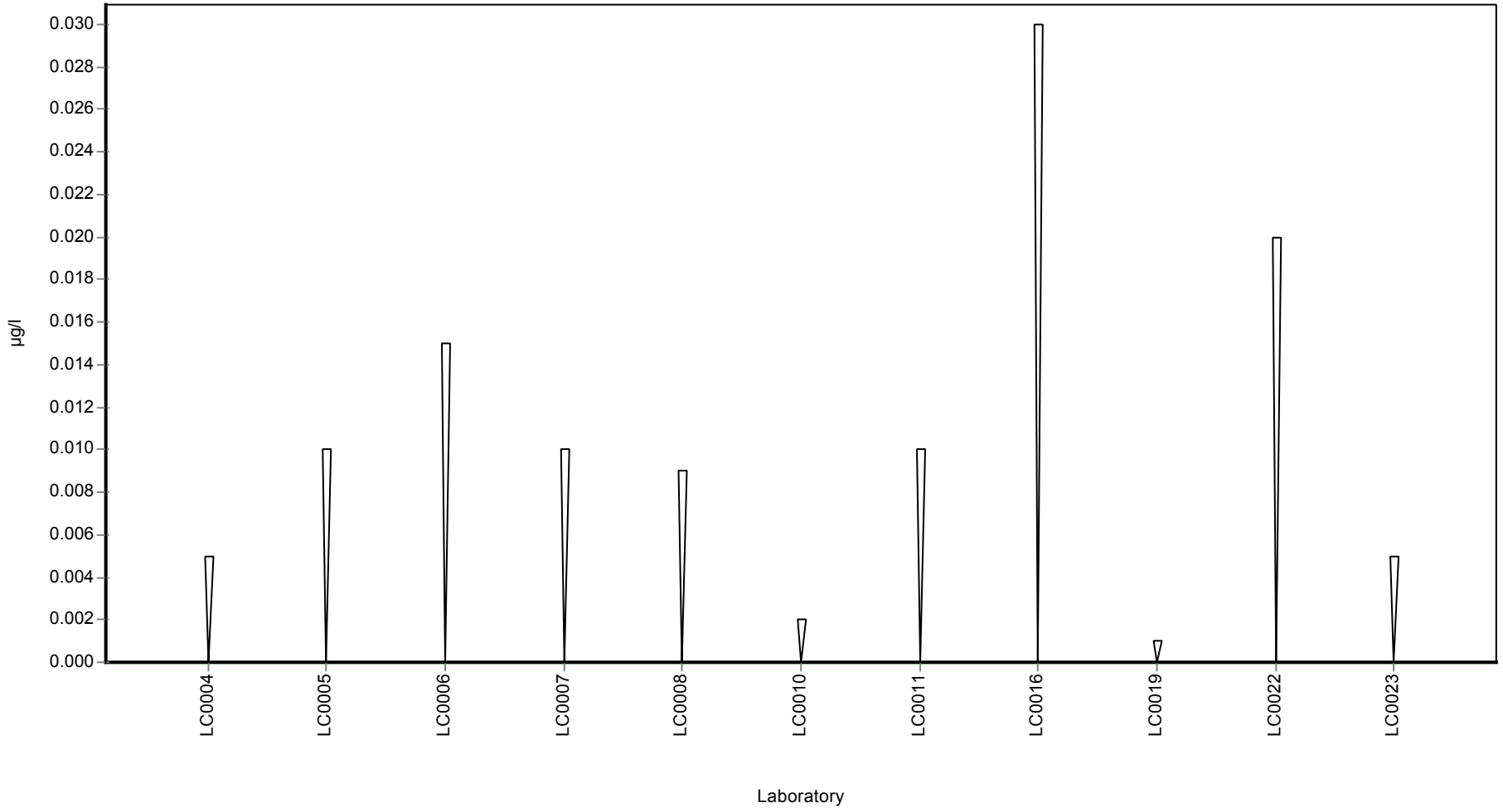
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.005 (LOQ)	-	-	-	
LC0005	< 0.01 (LOQ)	-	-	-	
LC0006	< 0.015 (LOQ)	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	< 0.009 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.002 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.03 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.001 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	< 0.005 (LOQ)	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Dimethachlor

Unit	µg/l
Mean ± CI (99%)	0.432 ± 0.0351
Minimum - Maximum	0.369 - 0.51
Control test value ± U	0.427 ± 0.064

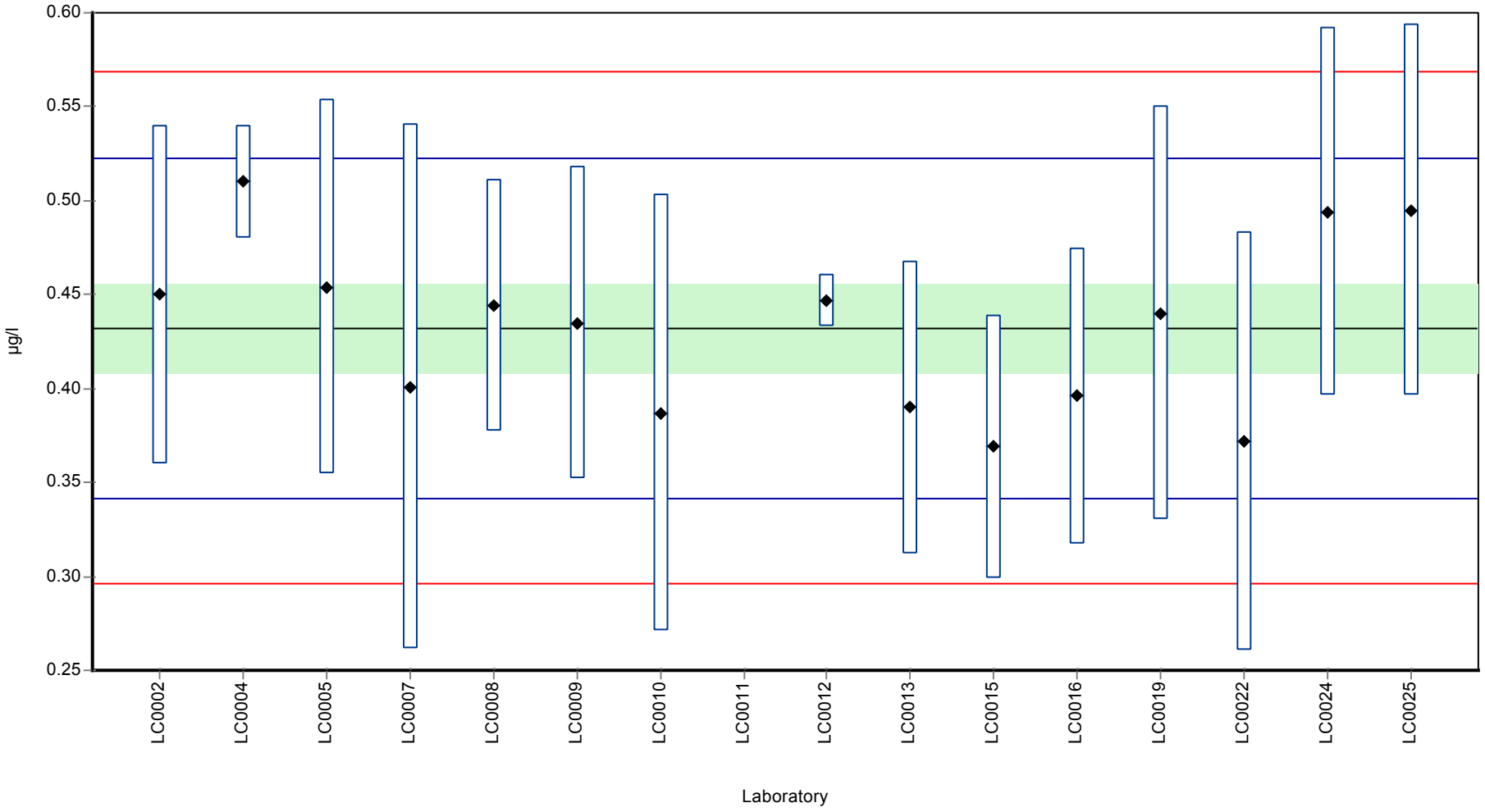
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.45	0.09	104	0.39	
LC0003	-	-	-	-	
LC0004	0.51	0.03	118	1.72	
LC0005	0.454	0.0998	105	0.48	
LC0006	-	-	-	-	
LC0007	0.401	0.14	92.8	-0.69	
LC0008	0.444	0.067	103	0.26	
LC0009	0.435	0.083	101	0.06	
LC0010	0.387	0.116	89.5	-1	
LC0011	< 0.01 (LOQ)	-	-	-	FN
LC0012	0.447	0.014	103	0.33	
LC0013	0.39	0.078	90.2	-0.93	
LC0014	-	-	-	-	
LC0015	0.369	0.07	85.4	-1.4	
LC0016	0.396	0.079	91.6	-0.8	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.44	0.11	102	0.17	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.372	0.1116	86.1	-1.33	
LC0023	-	-	-	-	
LC0024	0.494	0.098	114	1.36	
LC0025	0.495	0.099	115	1.38	
LC0026	-	-	-	-	

Characteristics of parameter

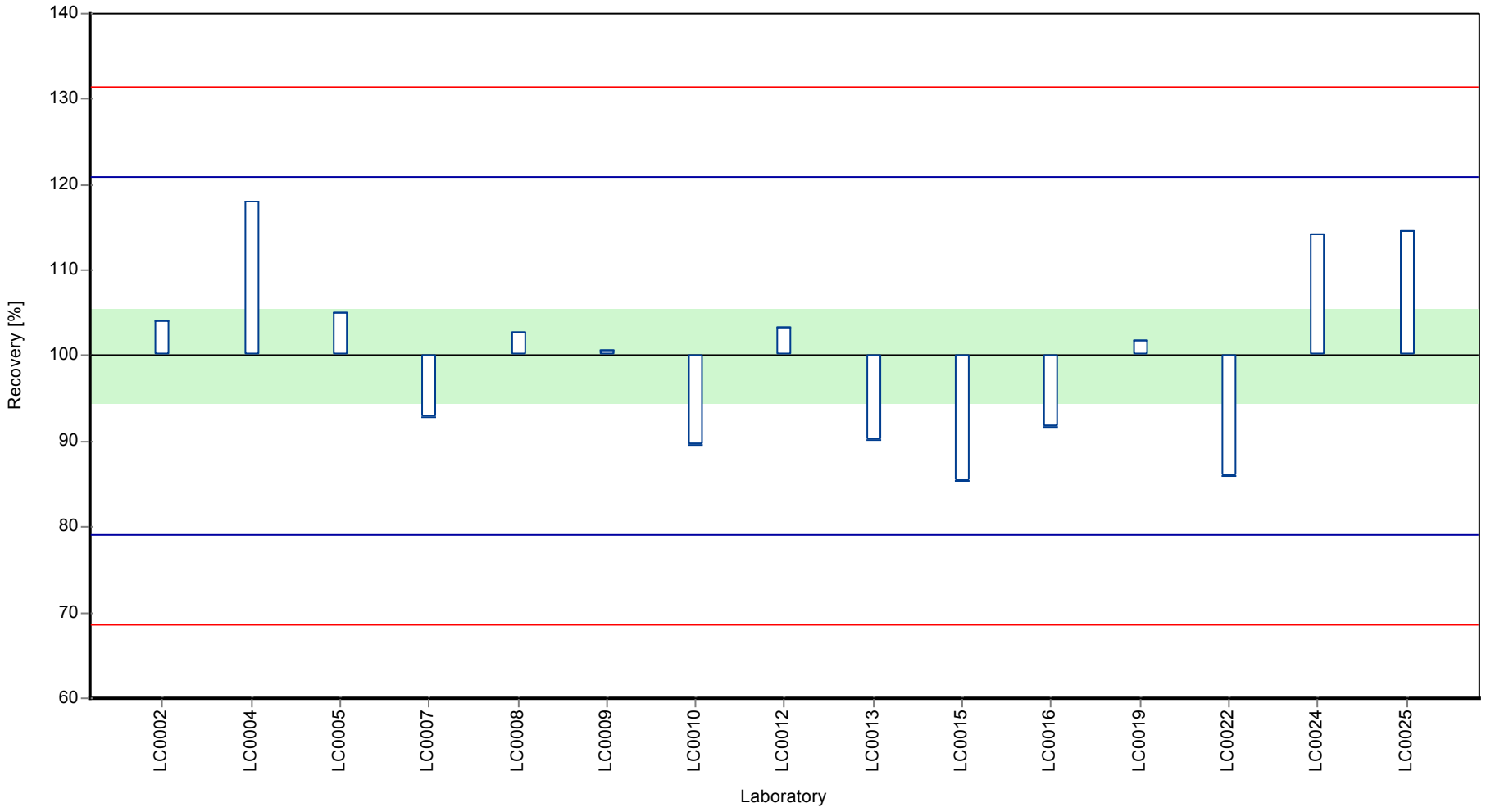
	all results	without outliers	Unit
Mean ± CI (99%)	0.432 ± 0.0351	0.432 ± 0.0351	µg/l
Minimum	0.369	0.369	µg/l
Maximum	0.51	0.51	µg/l
Standard deviation	0.0453	0.0453	µg/l
rel. Standard deviation	10.5	10.5	%
n	15	15	-

Graphical presentation of results

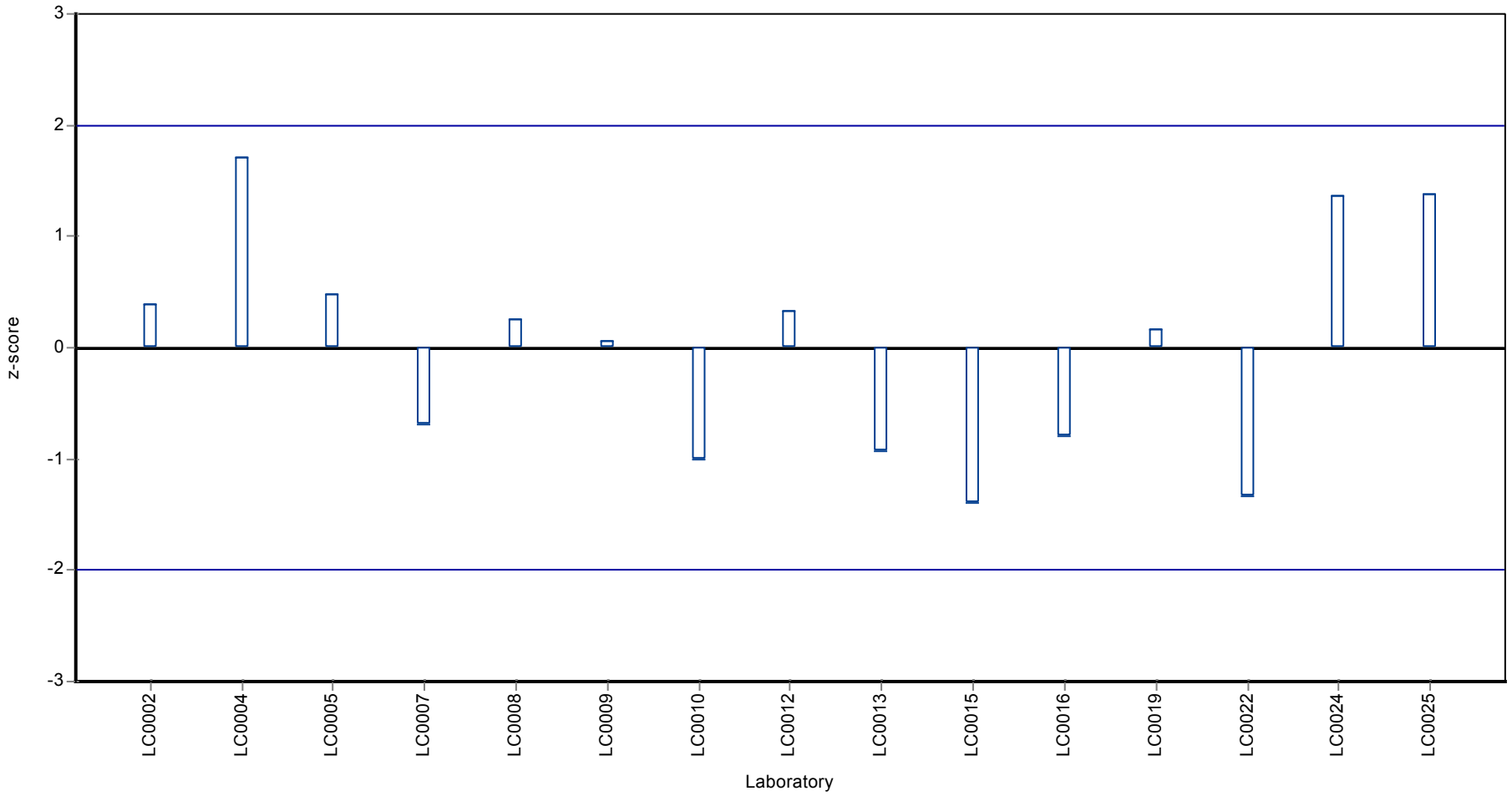
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0002
LC0004
LC0005
LC0007
LC0008
LC0009
LC0010
LC0012
LC0013
LC0015
LC0016
LC0019
LC0022
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 B

Dimethachlor

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.025 - 0.025
Control test value ± U	<0.025 (LOD)

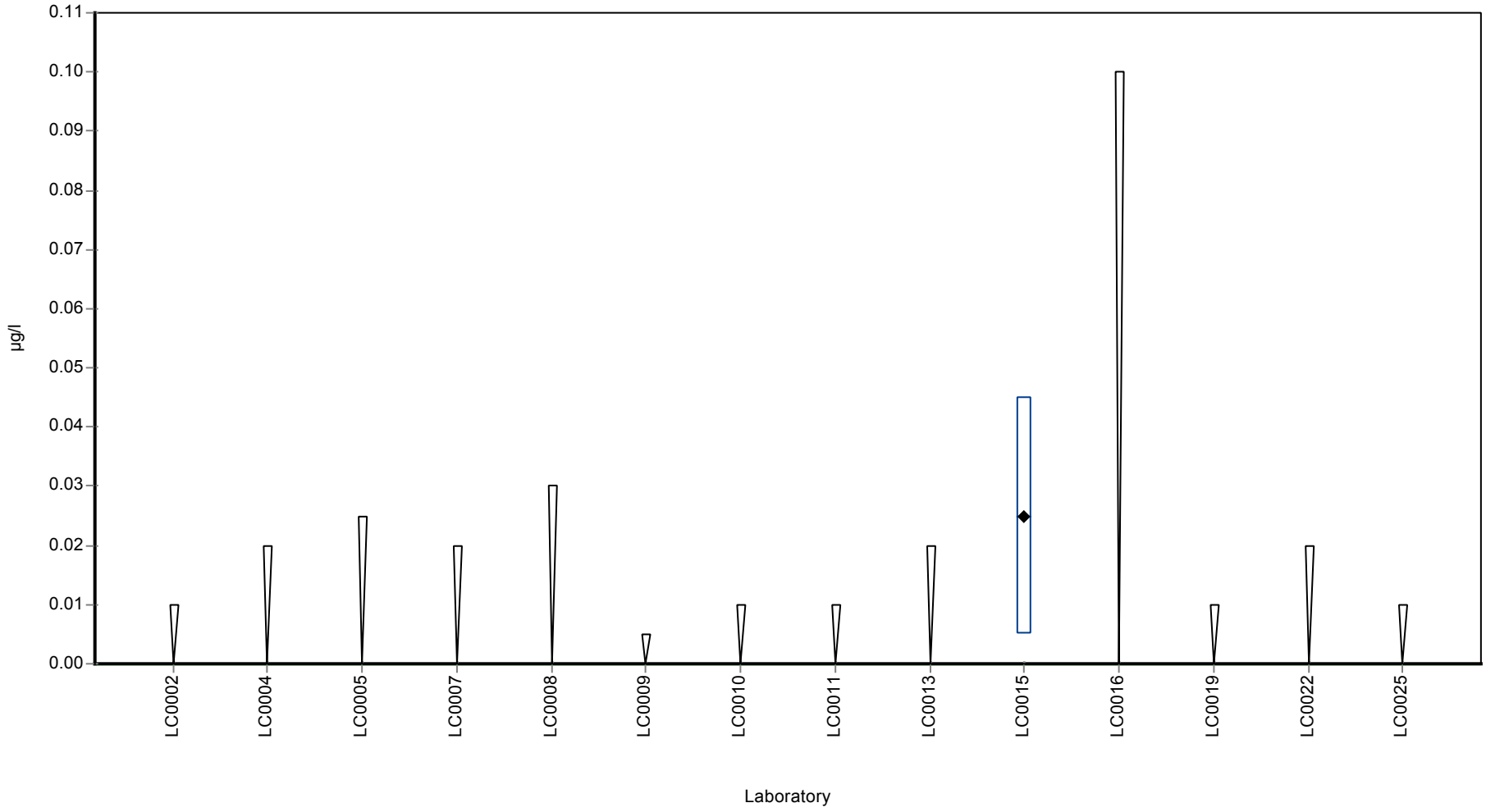
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.02 (LOQ)	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	0.025	0.02	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.025	-	µg/l
Minimum	0.025	0.025	µg/l
Maximum	0.025	0.025	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

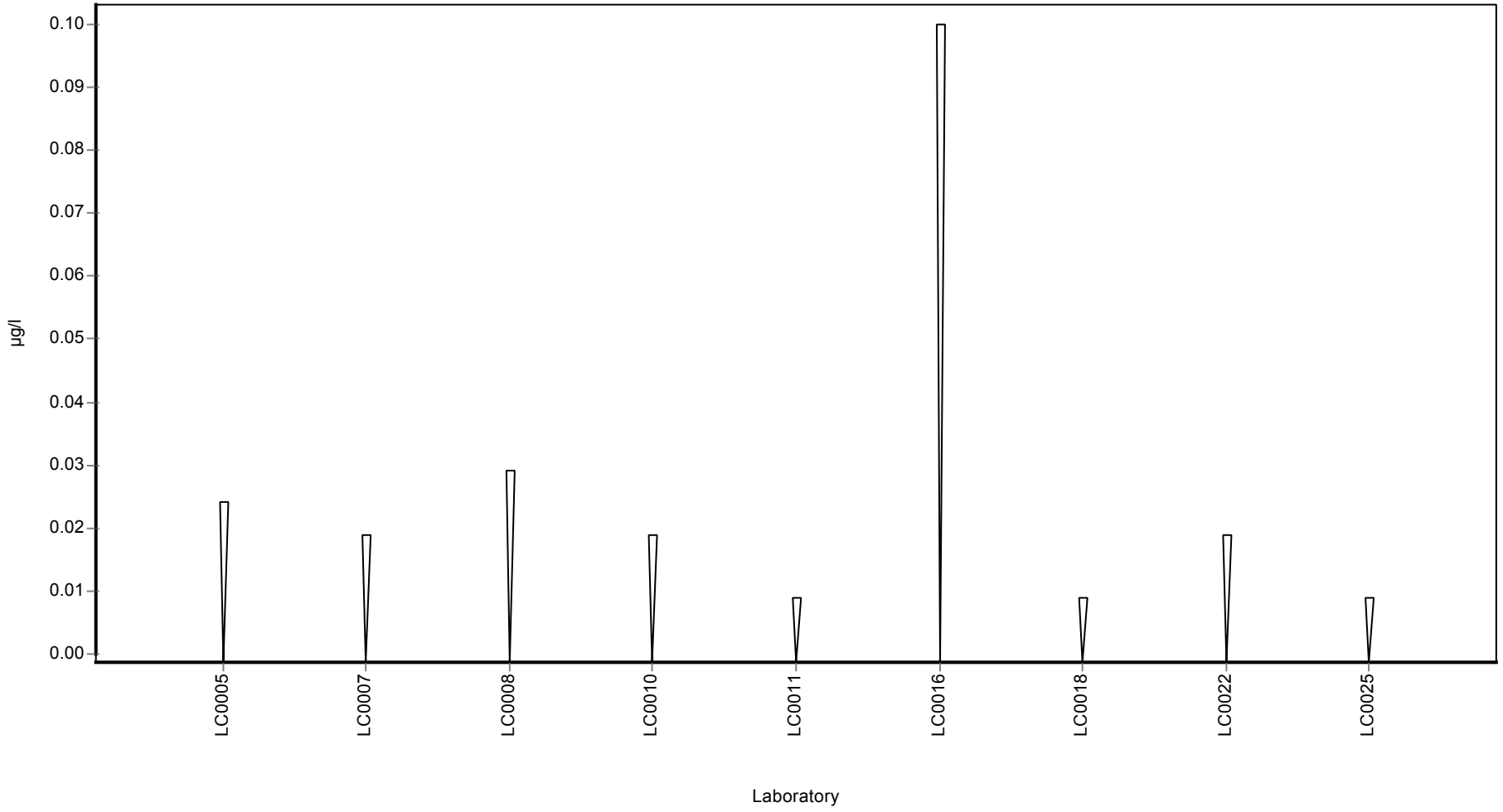
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.01 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)

Unit	µg/l
Mean ± CI (99%)	0.462 ± 0.0516
Minimum - Maximum	0.388 - 0.533
Control test value ± U	0.526 ± 0.0789

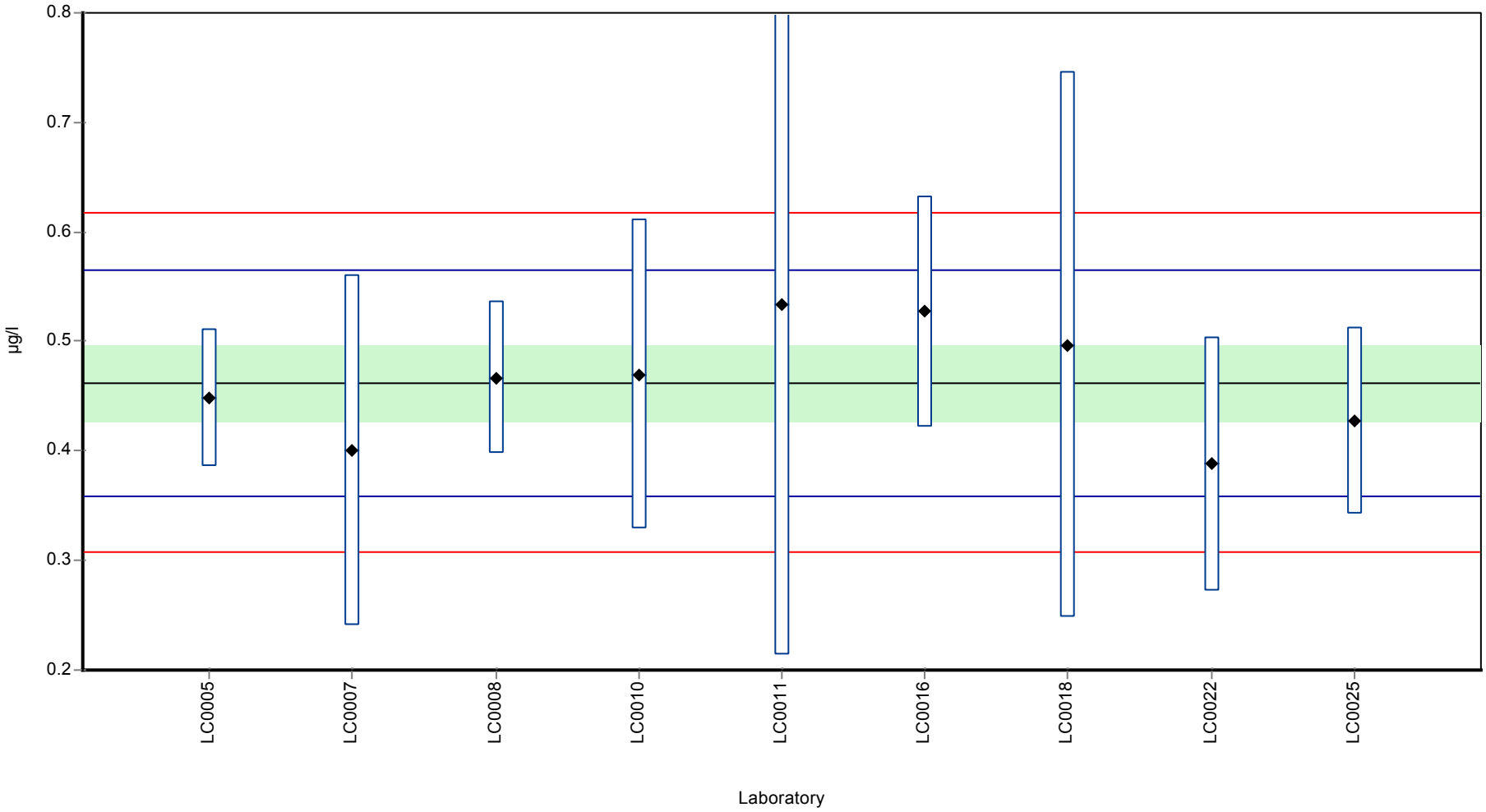
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.449	0.0628	97.2	-0.25	
LC0006	-	-	-	-	
LC0007	0.4	0.16	86.6	-1.2	
LC0008	0.467	0.07	101	0.1	
LC0009	-	-	-	-	
LC0010	0.47	0.141	102	0.15	
LC0011	0.533	0.32	115	1.38	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.527	0.105	114	1.26	
LC0017	-	-	-	-	
LC0018	0.497	0.249	108	0.68	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.388	0.1164	84	-1.43	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.427	0.085	92.4	-0.68	
LC0026	-	-	-	-	

Characteristics of parameter

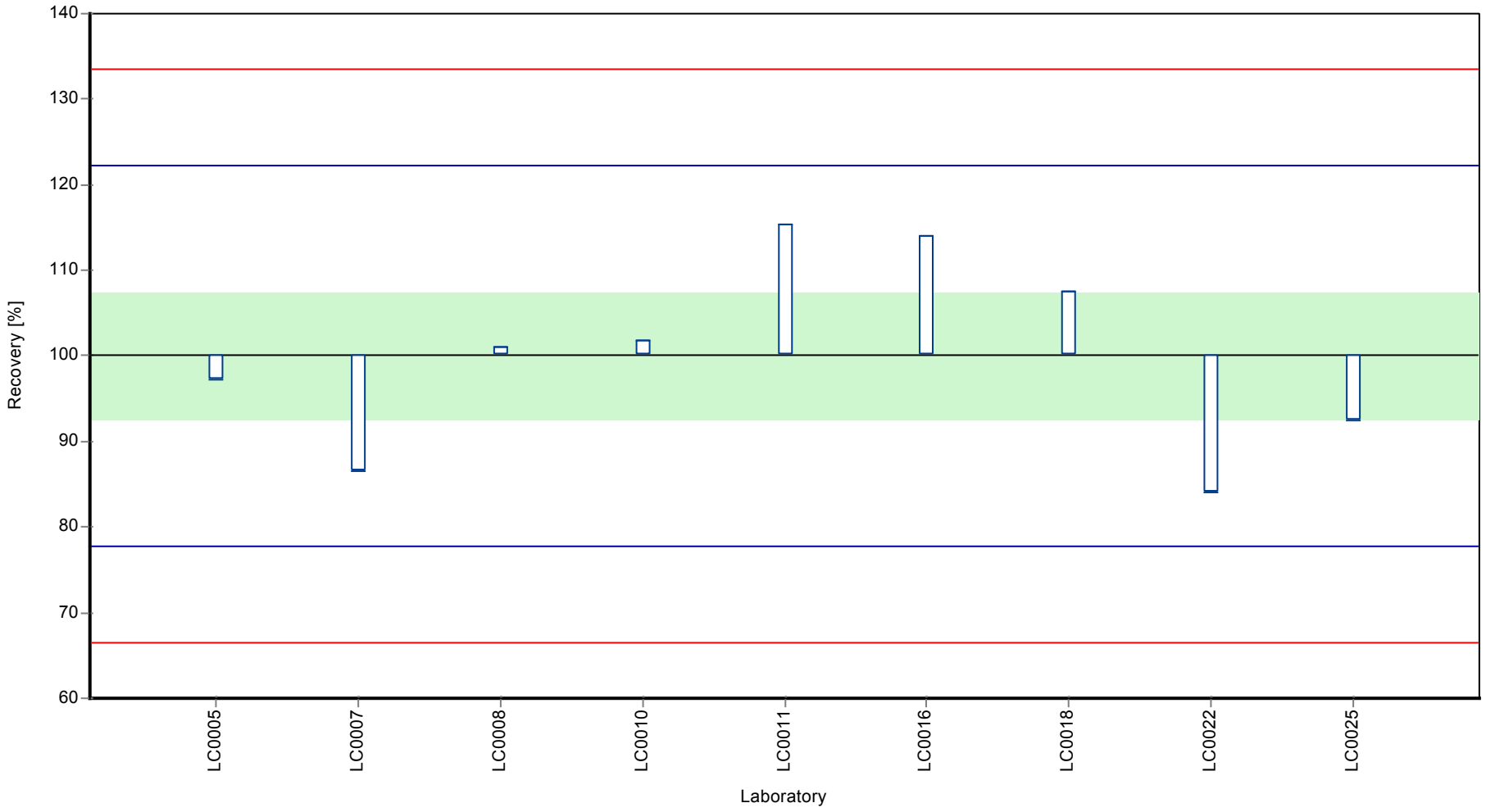
	all results	without outliers	Unit
Mean ± CI (99%)	0.462 ± 0.0516	0.462 ± 0.0516	µg/l
Minimum	0.388	0.388	µg/l
Maximum	0.533	0.533	µg/l
Standard deviation	0.0516	0.0516	µg/l
rel. Standard deviation	11.2	11.2	%
n	9	9	-

Graphical presentation of results

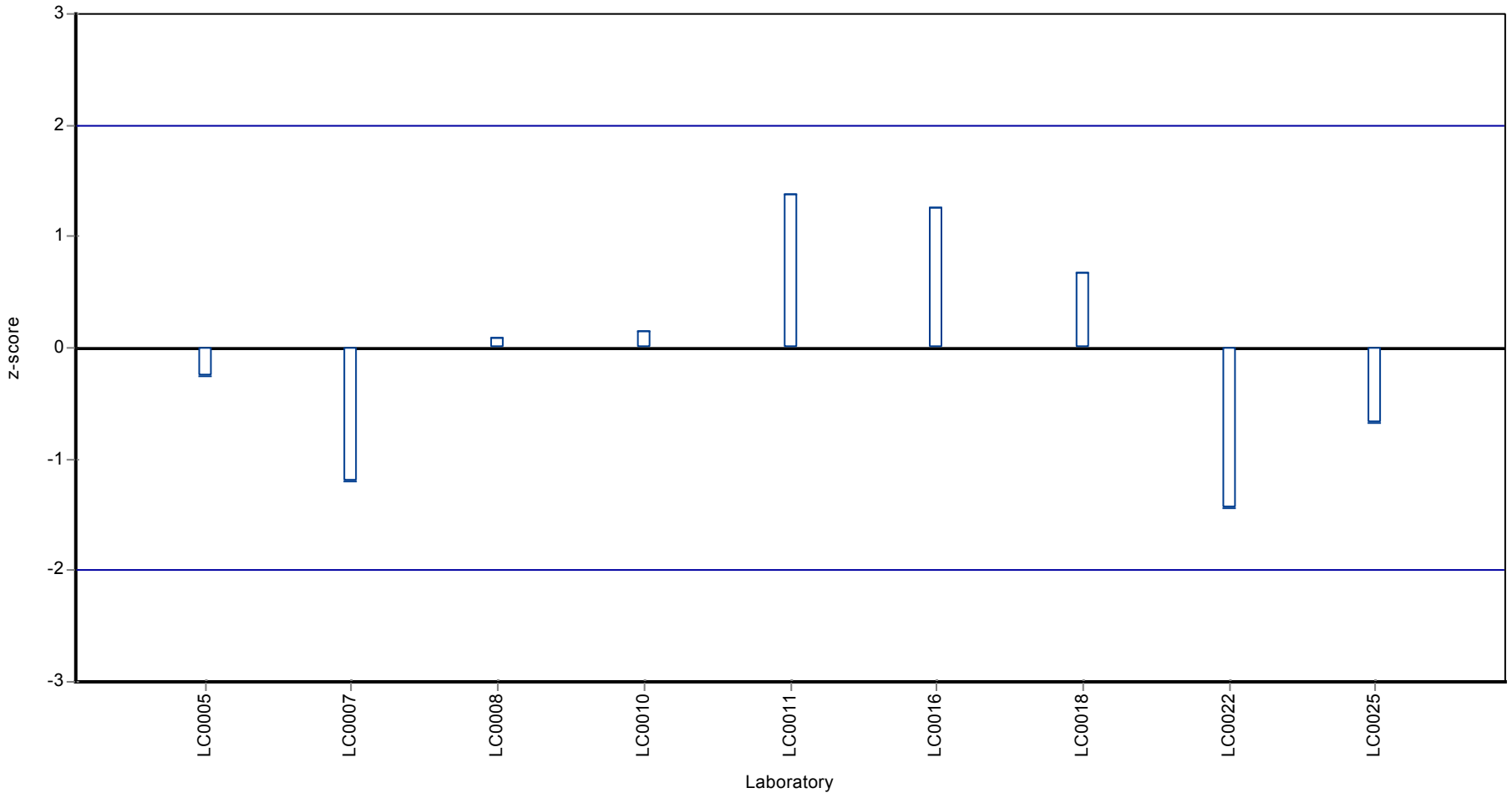
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0010
LC0011
LC0016
LC0018
LC0022
LC0025
Laboratory

Parameter oriented report

PM02 A

Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

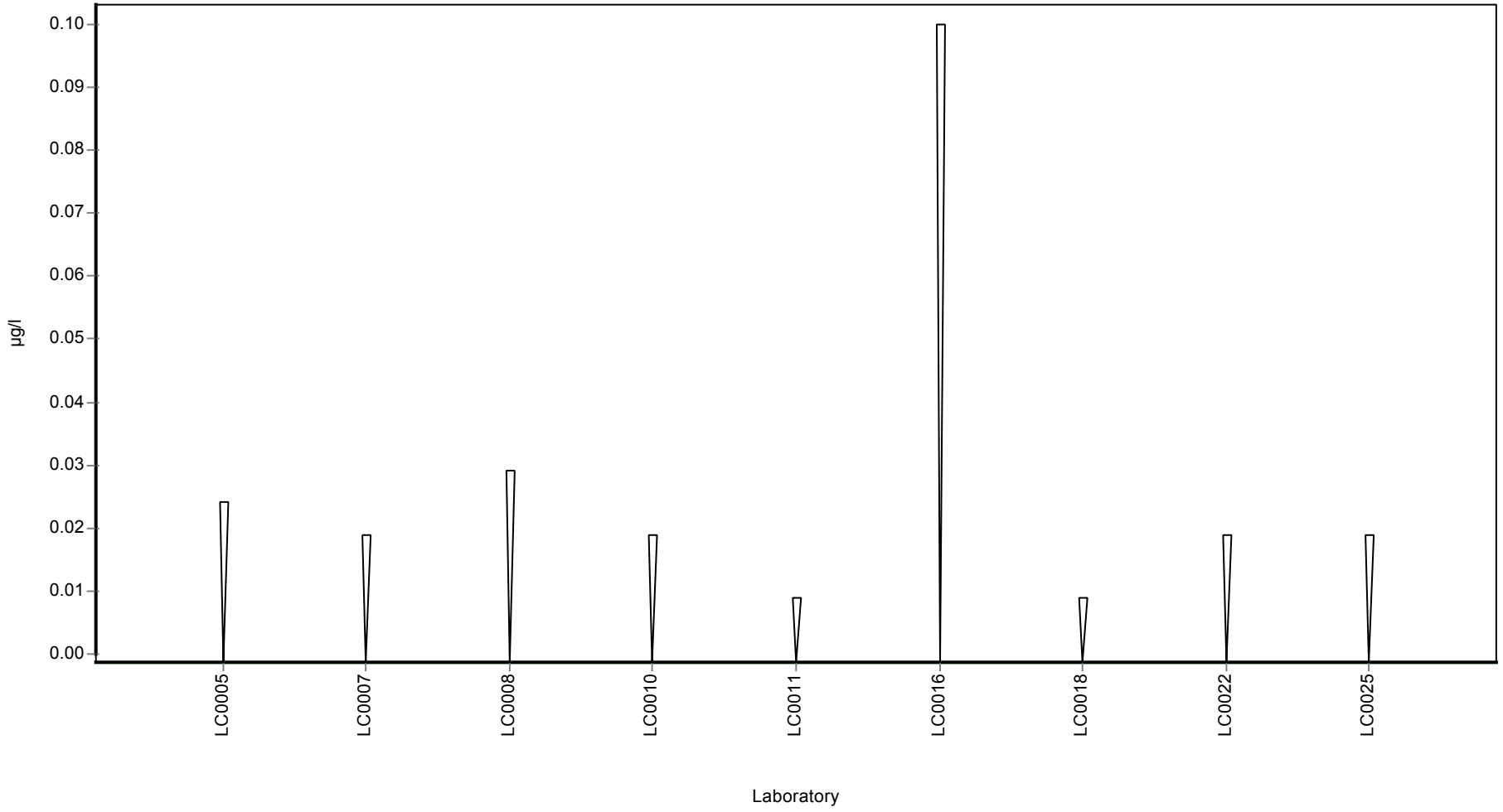
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.01 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.02 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)

Unit	µg/l
Mean ± CI (99%)	0.2 ± 0.0487
Minimum - Maximum	0.154 - 0.287
Control test value ± U	0.178 ± 0.0268

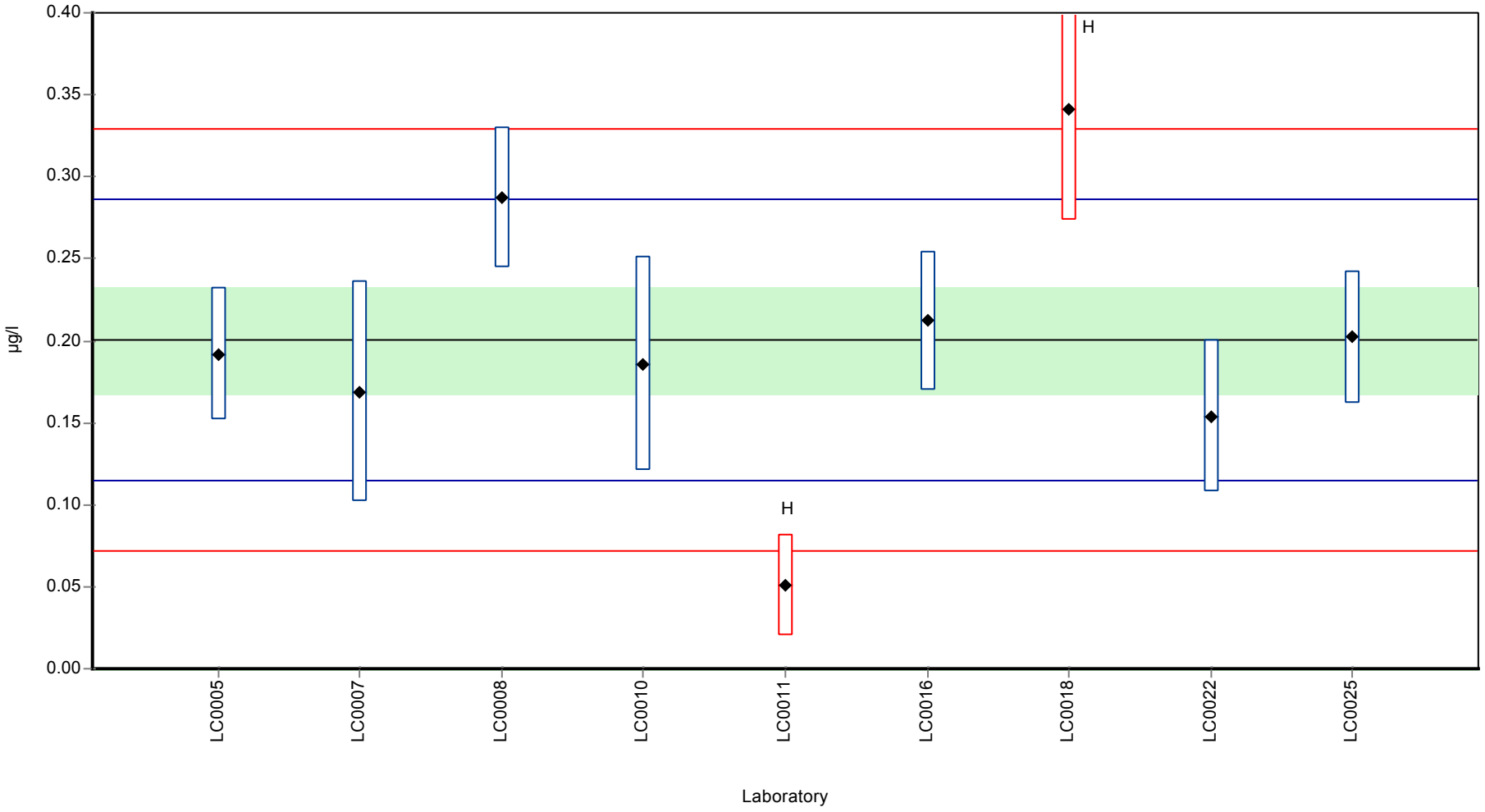
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.192	0.0403	95.9	-0.19	
LC0006	-	-	-	-	
LC0007	0.169	0.067	84.4	-0.73	
LC0008	0.287	0.043	143	2.02	
LC0009	-	-	-	-	
LC0010	0.186	0.065	92.9	-0.33	
LC0011	0.051	0.031	25.5	-3.48	H
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.212	0.042	106	0.27	
LC0017	-	-	-	-	
LC0018	0.341	0.068	170	3.28	H
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.154	0.0462	76.9	-1.08	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.202	0.04	101	0.04	
LC0026	-	-	-	-	

Characteristics of parameter

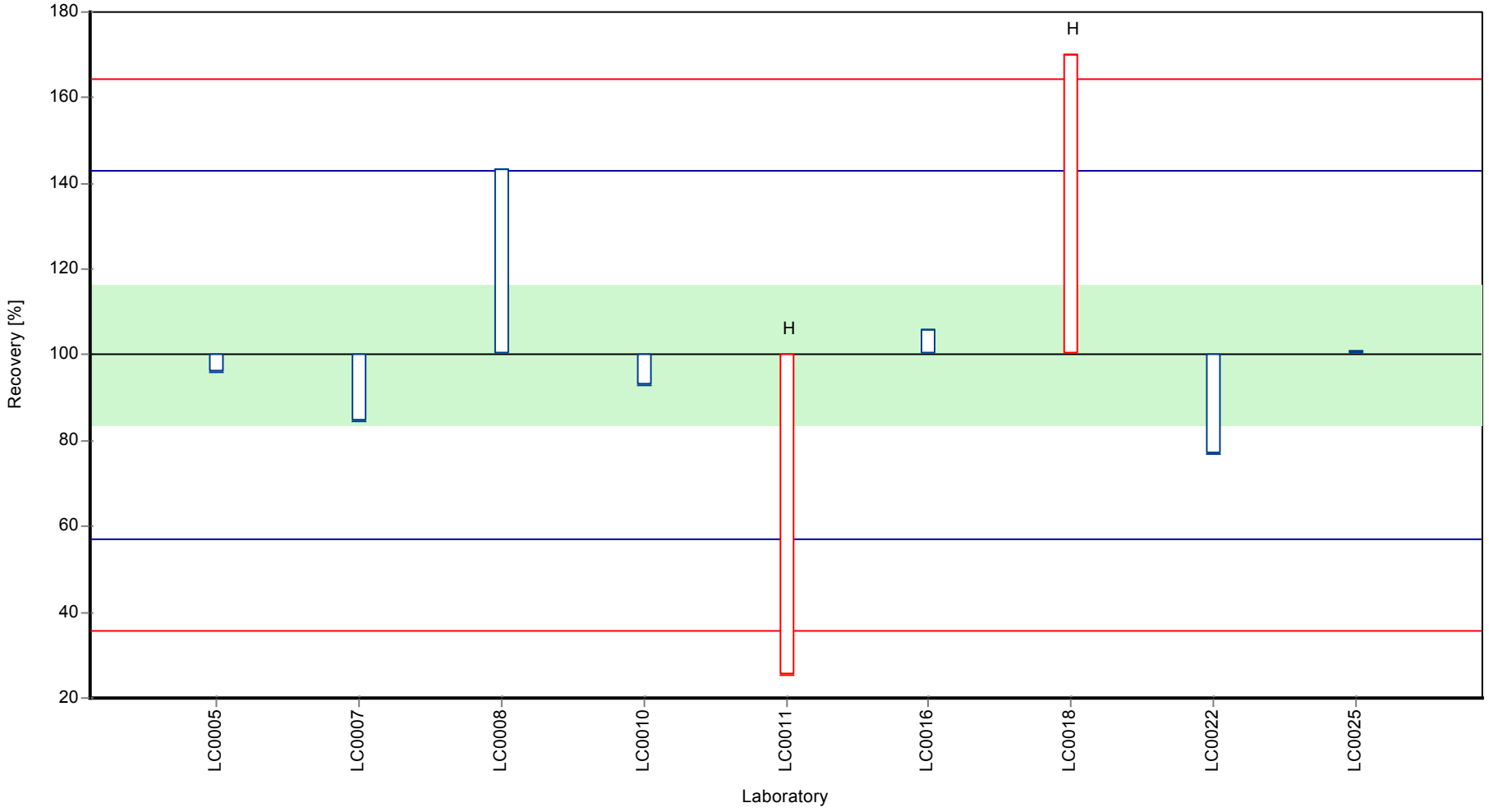
	all results	without outliers	Unit
Mean ± CI (99%)	0.199 ± 0.0815	0.2 ± 0.0487	µg/l
Minimum	0.051	0.154	µg/l
Maximum	0.341	0.287	µg/l
Standard deviation	0.0815	0.0429	µg/l
rel. Standard deviation	40.9	21.4	%
n	9	7	-

Graphical presentation of results

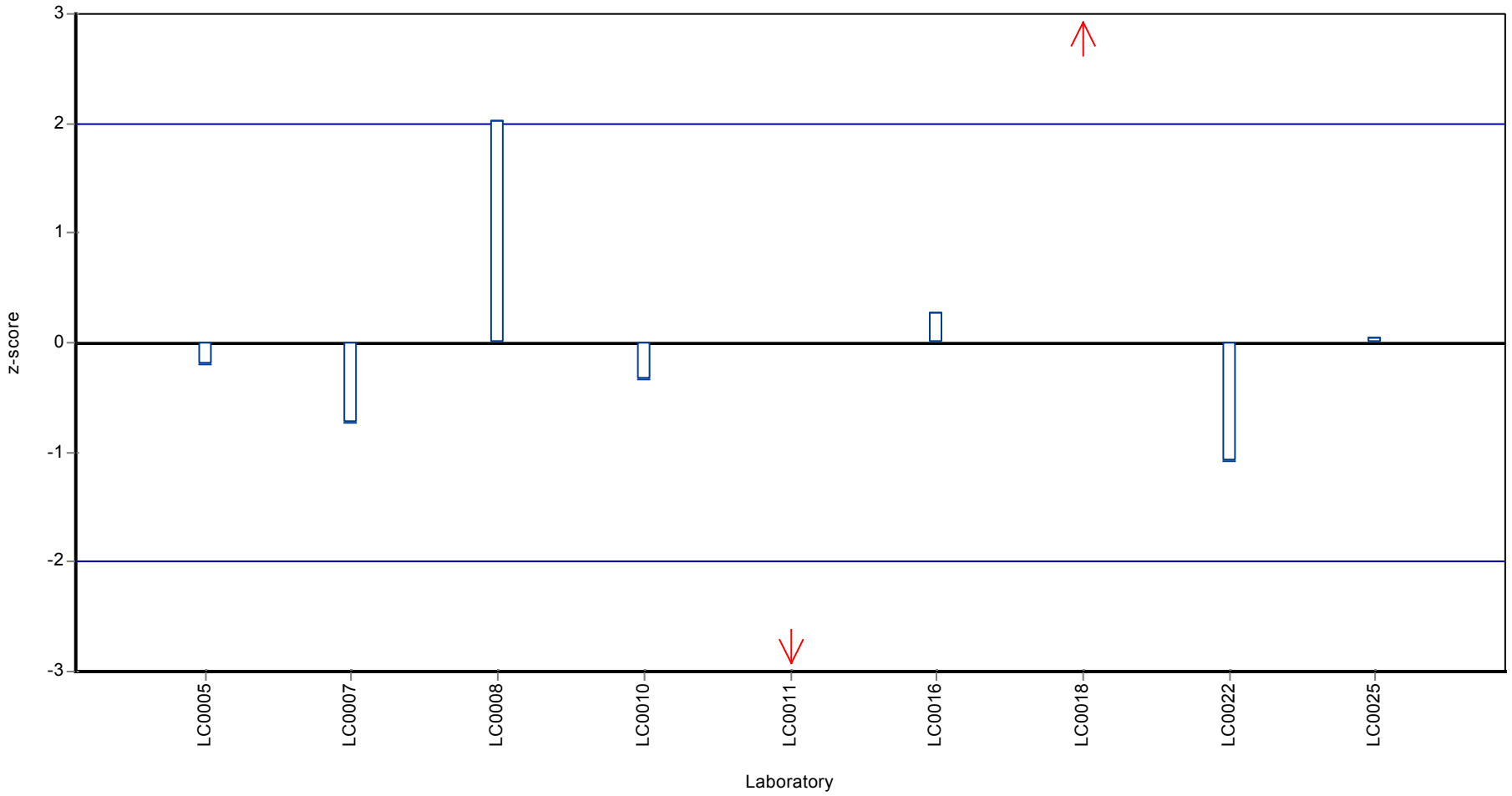
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0010
LC0011
LC0016
LC0018
LC0022
LC0025
Laboratory

Parameter oriented report

PM02 A

Dimethachlor Metabolite - CGA 369873

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

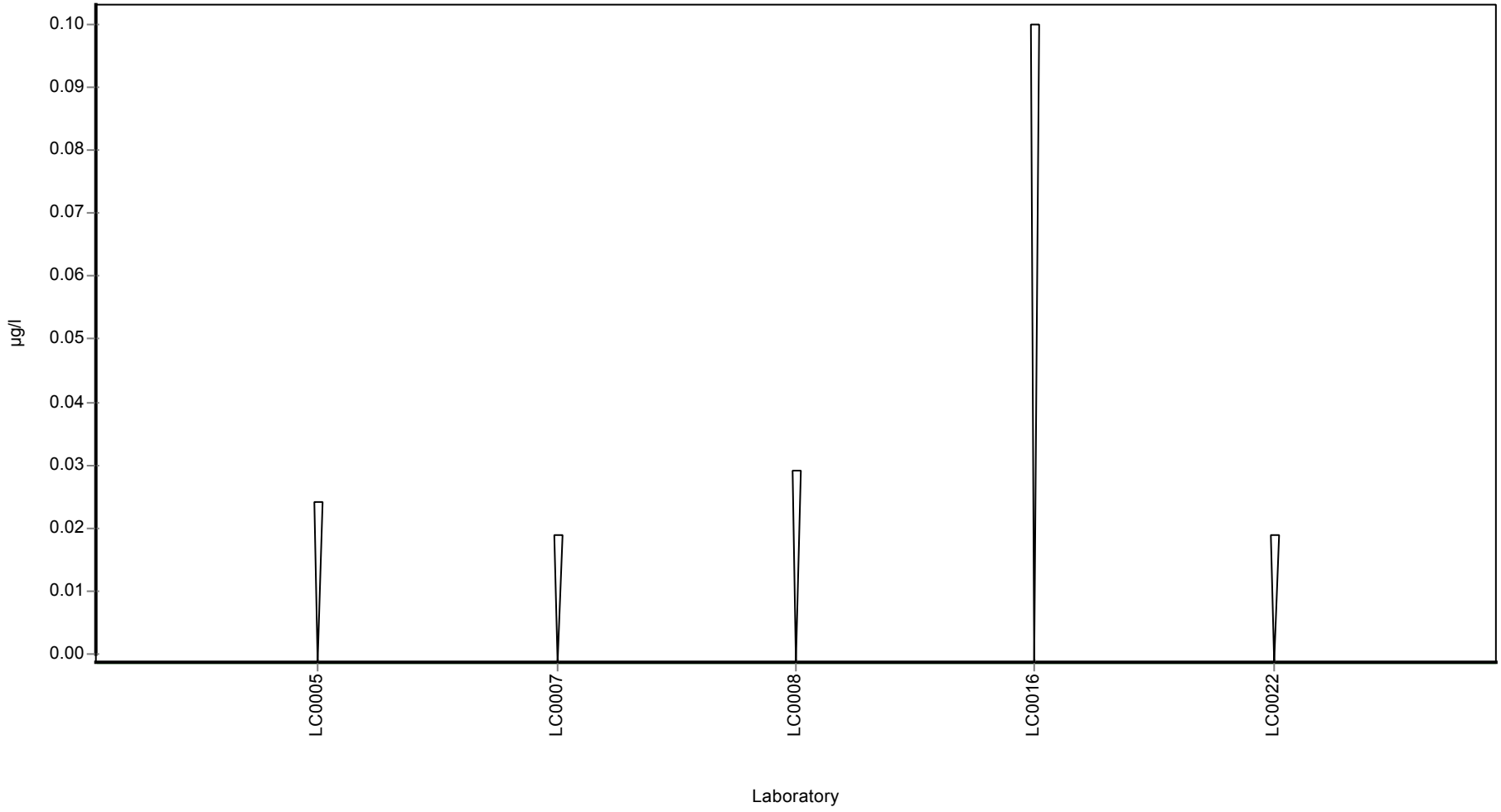
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Dimethachlor Metabolite - CGA 369873

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.09 - 0.167
Control test value ± U	0.112 ± 0.0168

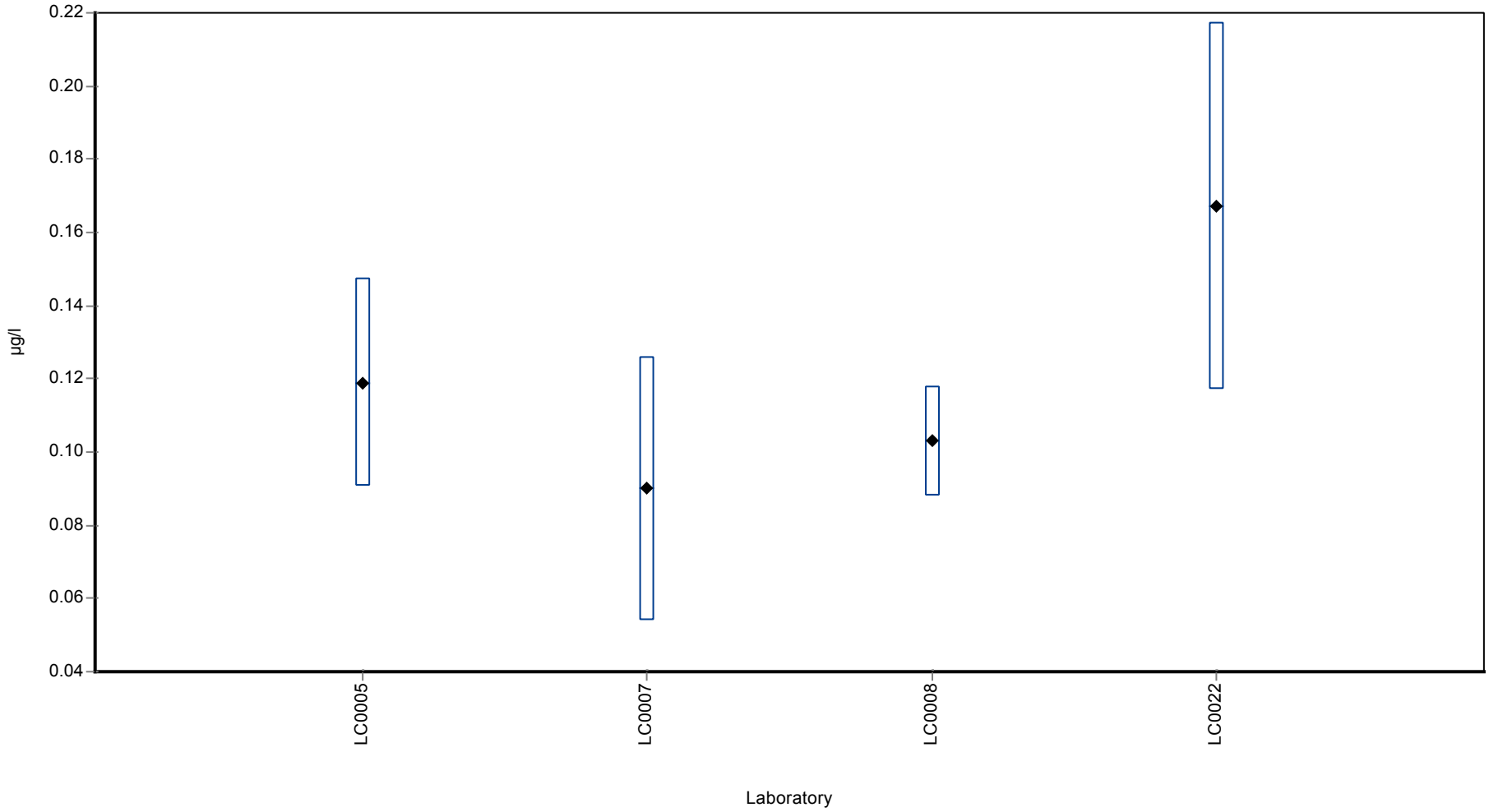
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.119	0.0286	-	-	
LC0006	-	-	-	-	
LC0007	0.09	0.036	-	-	
LC0008	0.103	0.015	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.167	0.0501	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.12 ± 0.0505	-	µg/l
Minimum	0.09	0.09	µg/l
Maximum	0.167	0.167	µg/l
Standard deviation	0.0337	-	µg/l
rel. Standard deviation	28.1	-	%
n	4	4	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

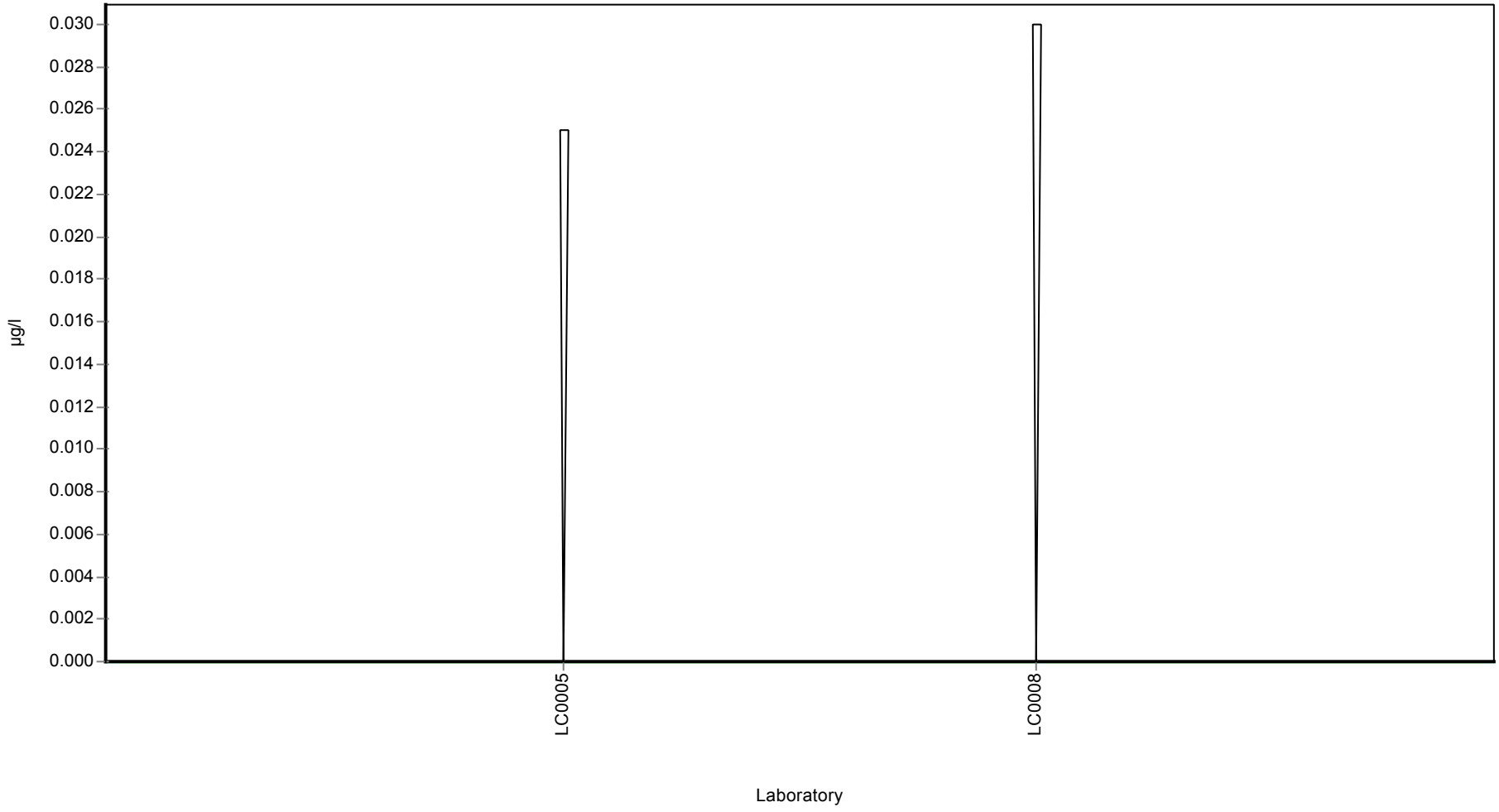
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.514 - 0.618
Control test value ± U	0.716 ± 0.107

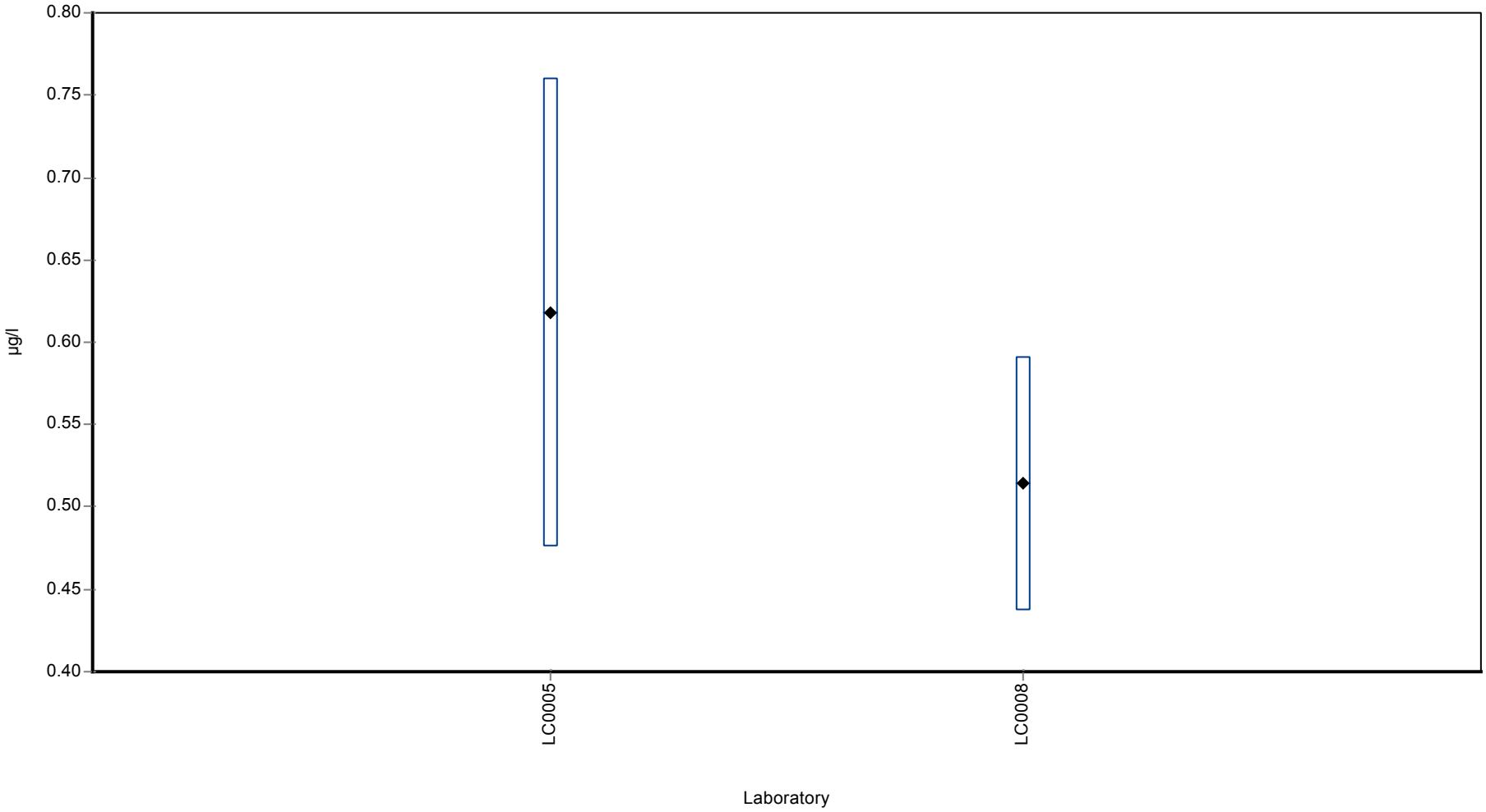
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.618	0.142	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.514	0.077	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.566 ± 0.156	-	µg/l
Minimum	0.514	0.514	µg/l
Maximum	0.618	0.618	µg/l
Standard deviation	0.0735	-	µg/l
rel. Standard deviation	13	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Dimethachlor Metabolite - CGA 373464 (free acid)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.412 - 0.412
Control test value ± U	<0.025 (LOD)

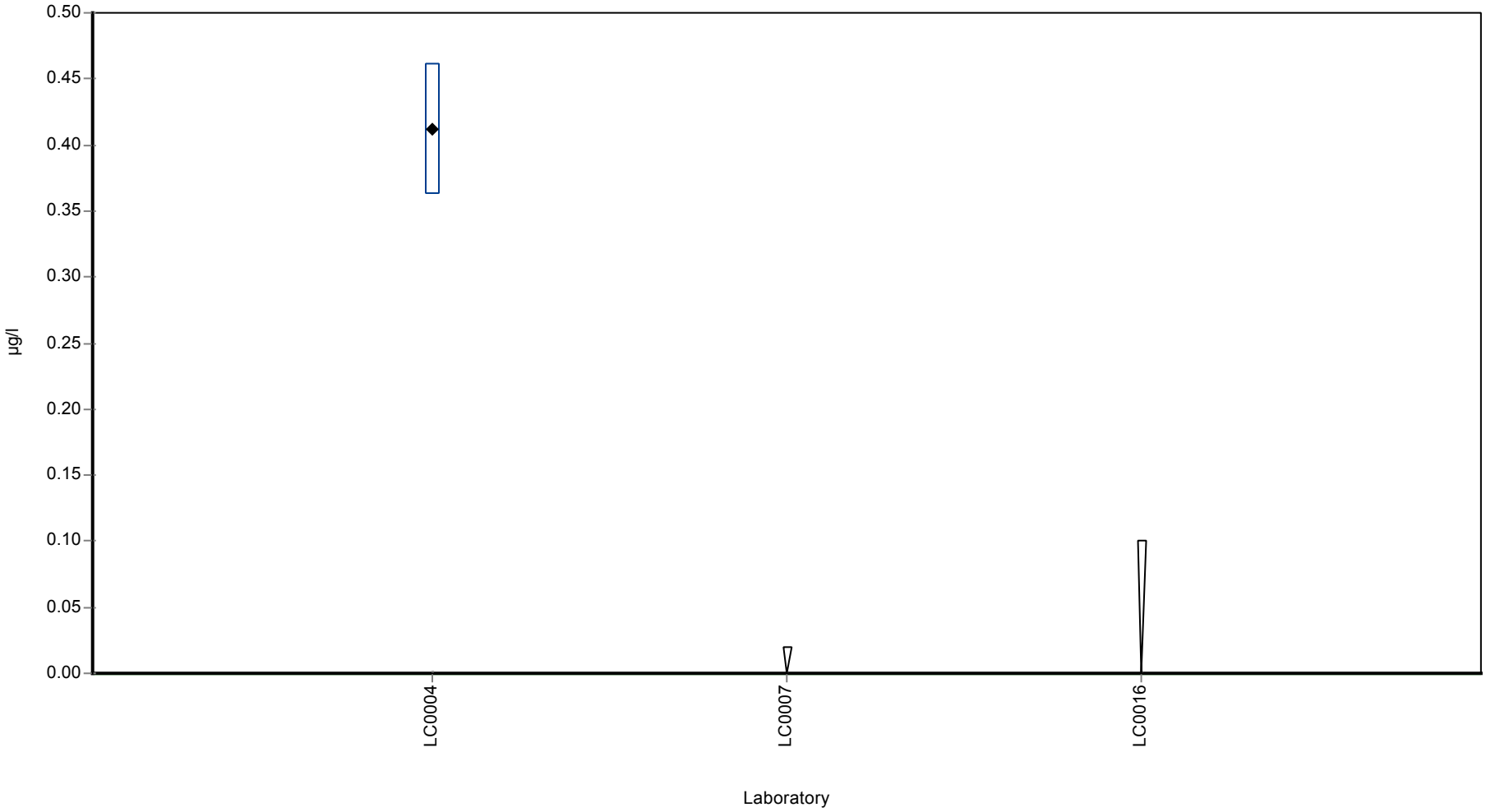
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.412	0.05	-	-	FP
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.412	-	µg/l
Minimum	0.412	0.412	µg/l
Maximum	0.412	0.412	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Dimethachlor Metabolite - CGA 373464 (free acid)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.405 - 0.733
Control test value ± U	0.495 ± 0.0742

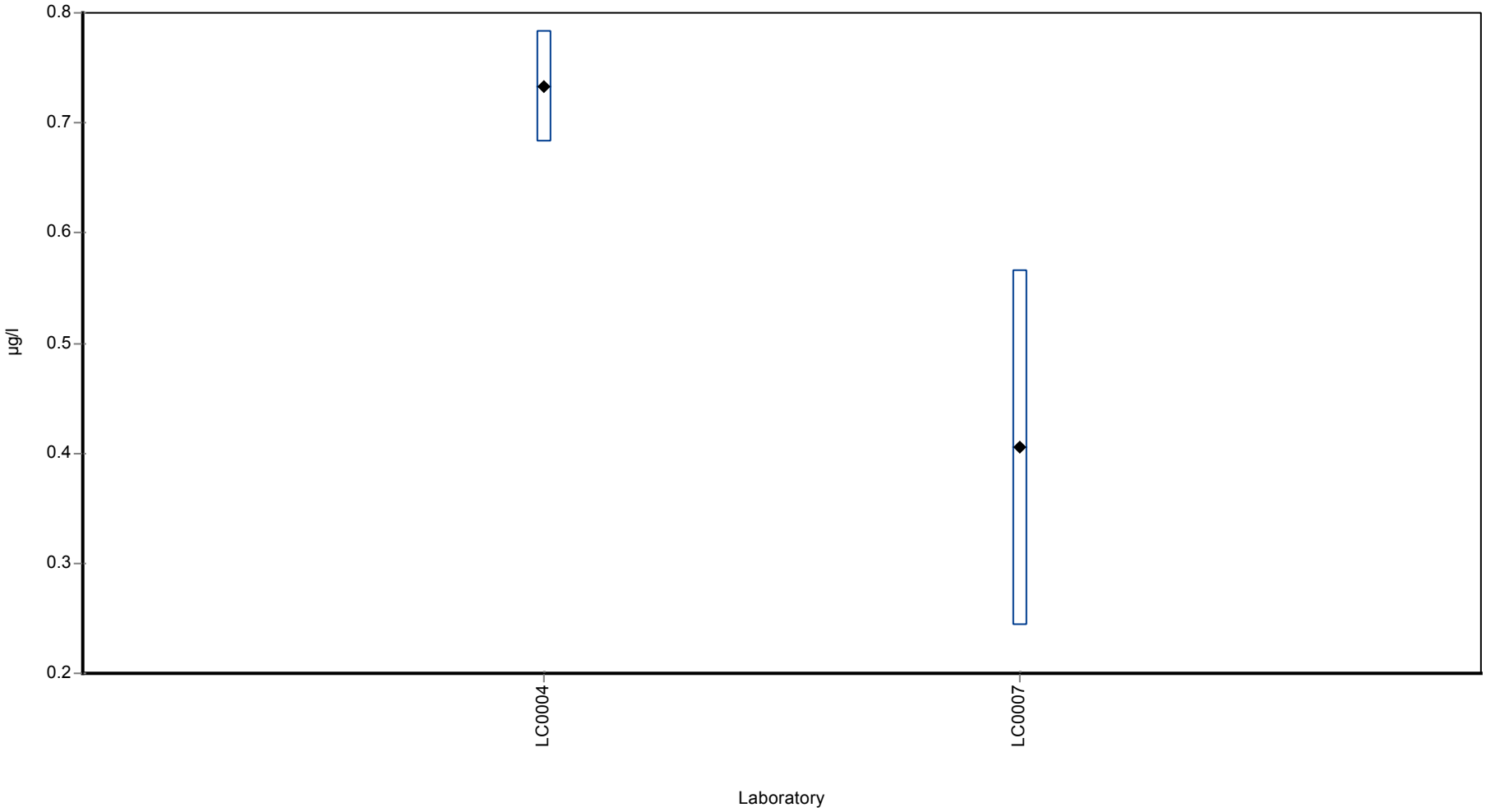
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.733	0.05	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.405	0.162	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.569 ± 0.492	-	µg/l
Minimum	0.405	0.405	µg/l
Maximum	0.733	0.733	µg/l
Standard deviation	0.232	-	µg/l
rel. Standard deviation	40.8	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Dimethenamide

Unit	µg/l
Mean ± CI (99%)	0.537 ± 0.0315
Minimum - Maximum	0.486 - 0.634
Control test value ± U	0.586 ± 0.0879

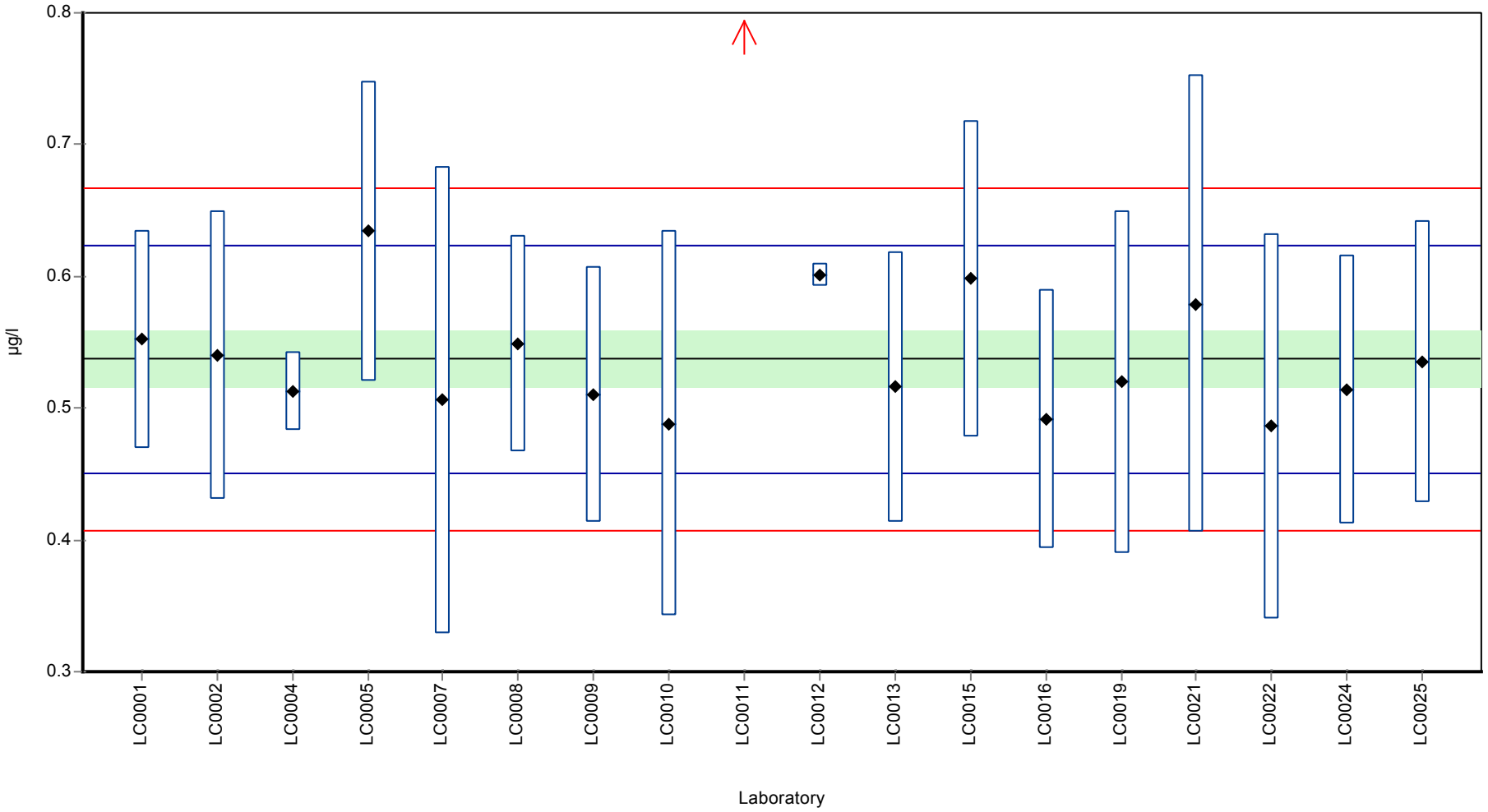
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.552	0.083	103	0.34	
LC0002	0.54	0.11	101	0.07	
LC0003	-	-	-	-	
LC0004	0.513	0.03	95.5	-0.56	
LC0005	0.634	0.114	118	2.24	
LC0006	-	-	-	-	
LC0007	0.506	0.177	94.2	-0.72	
LC0008	0.549	0.082	102	0.27	
LC0009	0.51	0.097	94.9	-0.63	
LC0010	0.488	0.146	90.8	-1.14	
LC0011	1.08	0.648	201	12.5	H
LC0012	0.601	0.009	112	1.47	
LC0013	0.516	0.103	96.1	-0.49	
LC0014	-	-	-	-	
LC0015	0.598	0.12	111	1.4	
LC0016	0.491	0.0982	91.4	-1.07	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.52	0.13	96.8	-0.4	
LC0020	-	-	-	-	
LC0021	0.579	0.1737	108	0.97	
LC0022	0.486	0.1458	90.5	-1.18	
LC0023	-	-	-	-	
LC0024	0.514	0.102	95.7	-0.54	
LC0025	0.535	0.107	99.6	-0.05	
LC0026	-	-	-	-	

Characteristics of parameter

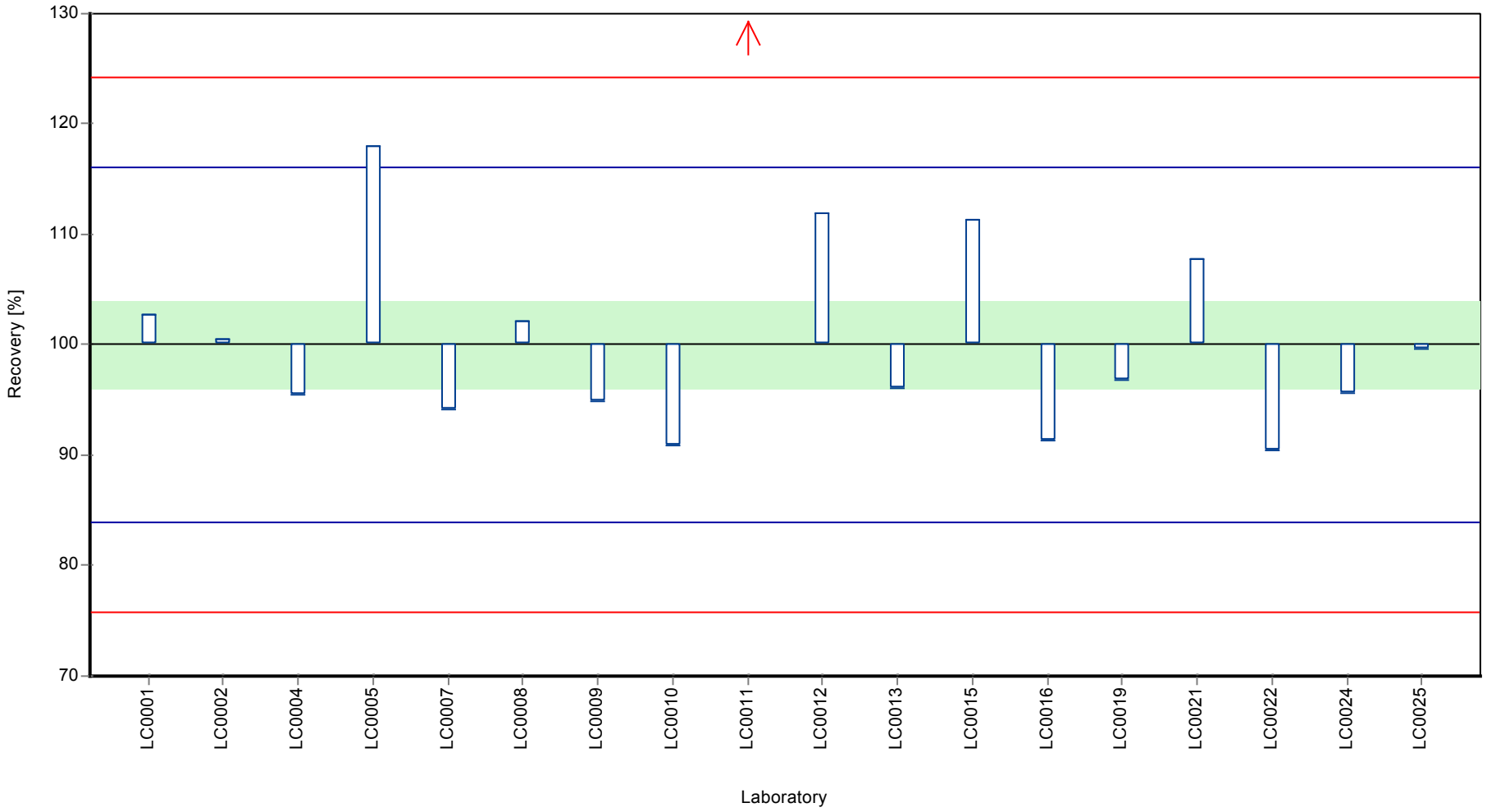
	all results	without outliers	Unit
Mean ± CI (99%)	0.567 ± 0.0952	0.537 ± 0.0315	µg/l
Minimum	0.486	0.486	µg/l
Maximum	1.08	0.634	µg/l
Standard deviation	0.135	0.0433	µg/l
rel. Standard deviation	23.7	8.06	%
n	18	17	-

Graphical presentation of results

Results



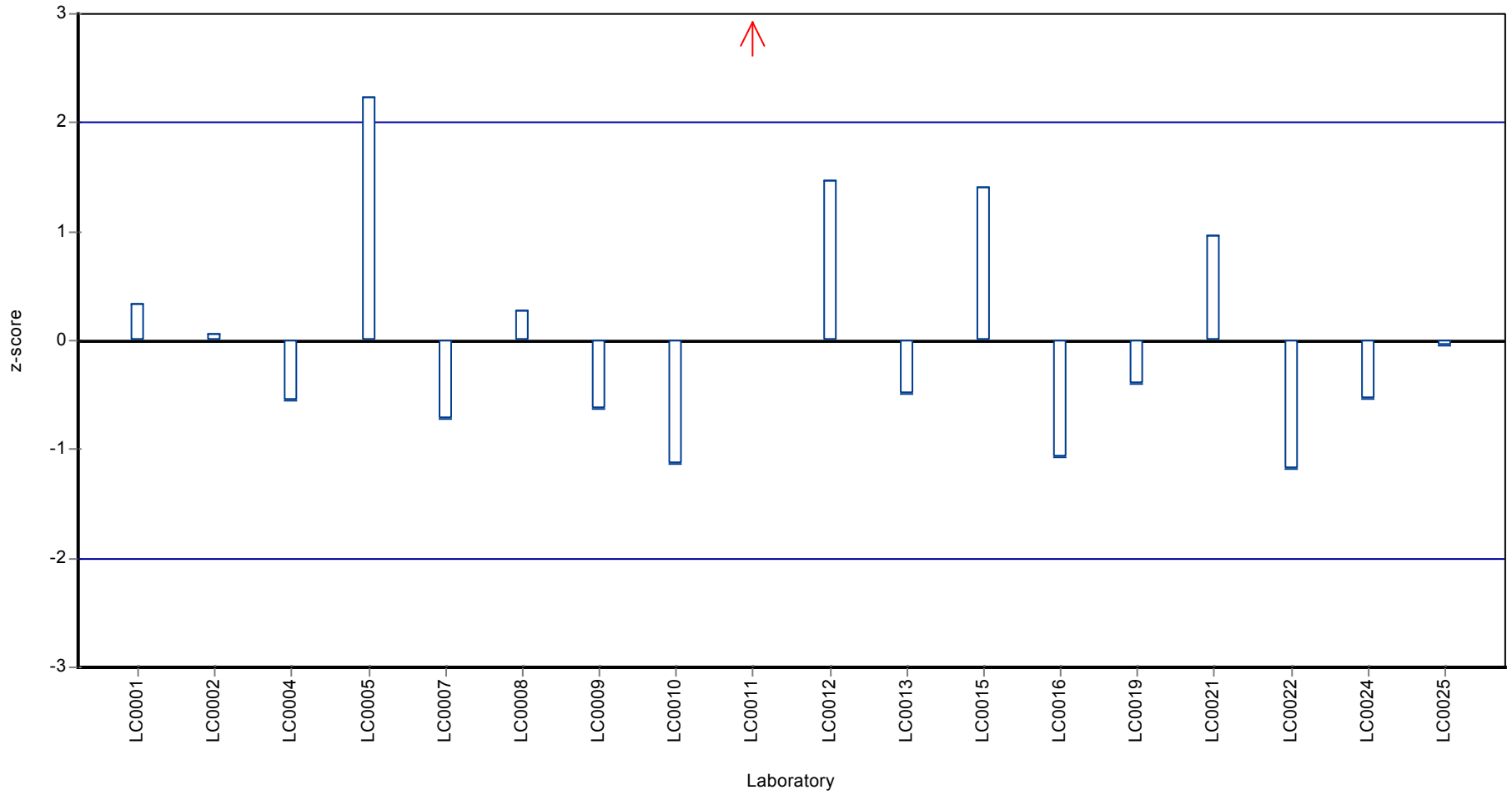
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dimethenamide

Z-score



Parameter oriented report

PM02 B

Dimethenamide

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

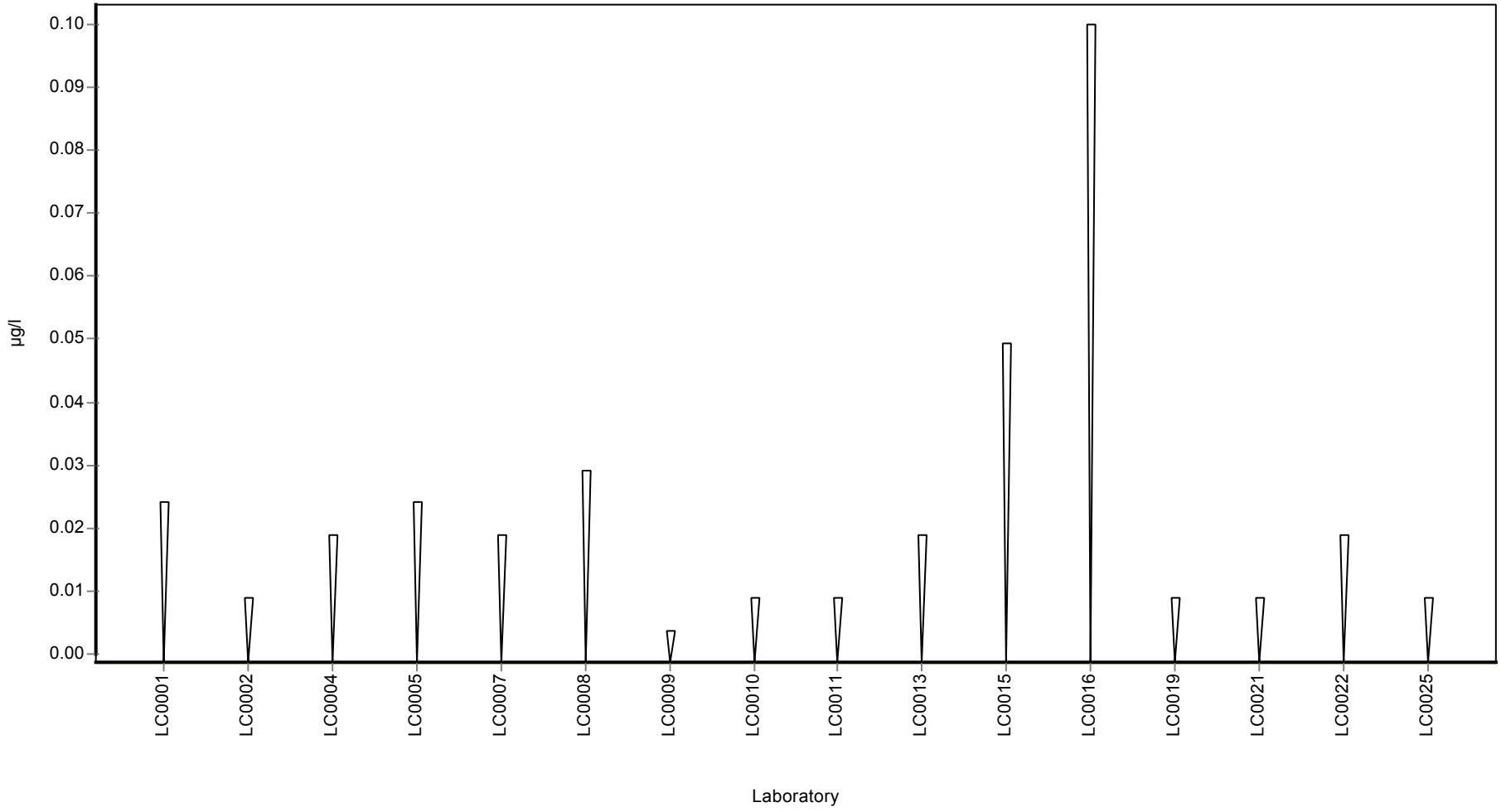
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.025 (LOQ)	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.02 (LOQ)	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.05 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

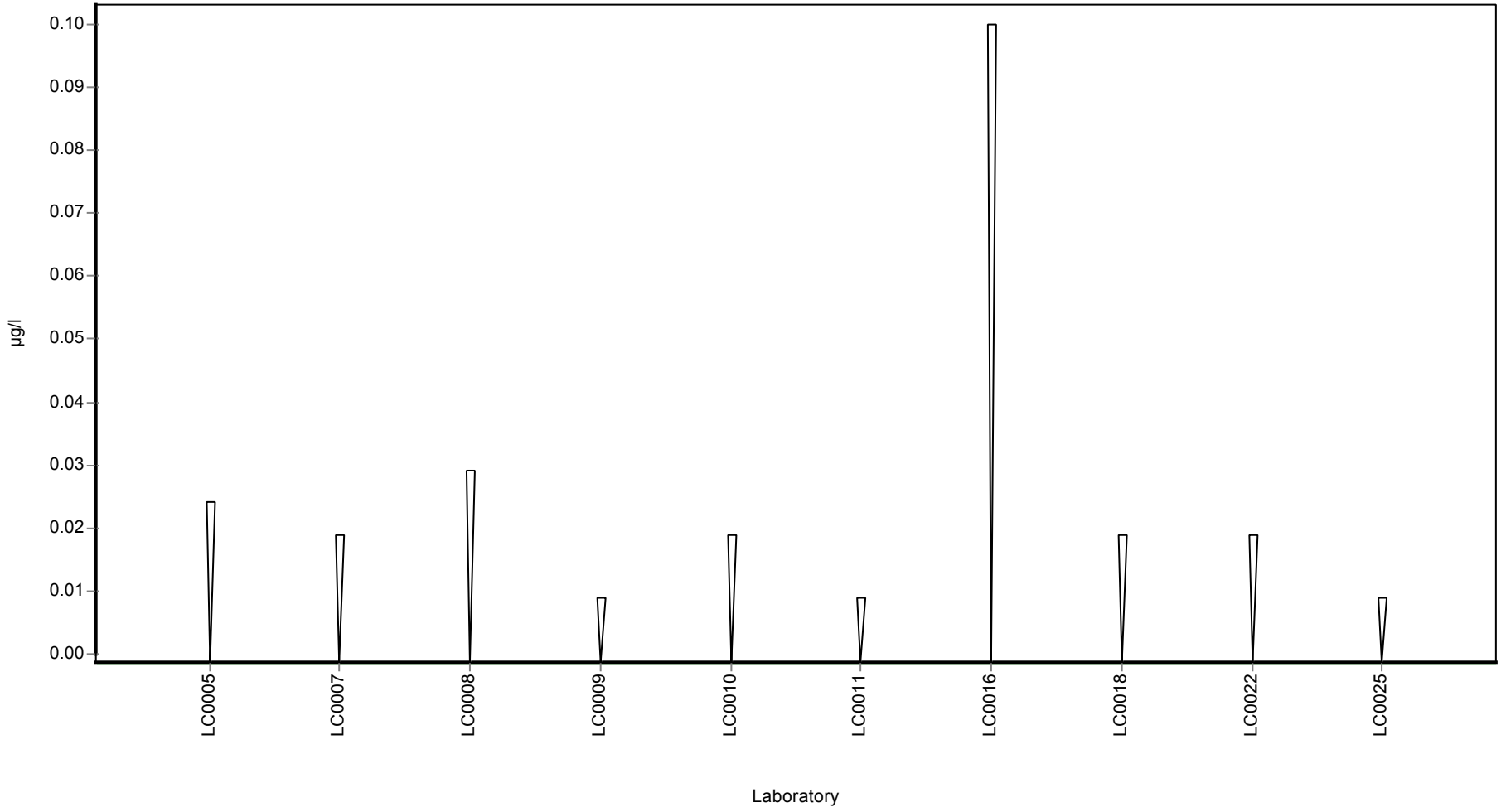
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.02 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)

Unit	µg/l
Mean ± CI (99%)	0.911 ± 0.187
Minimum - Maximum	0.451 - 1.18
Control test value ± U	1.03 ± 0.155

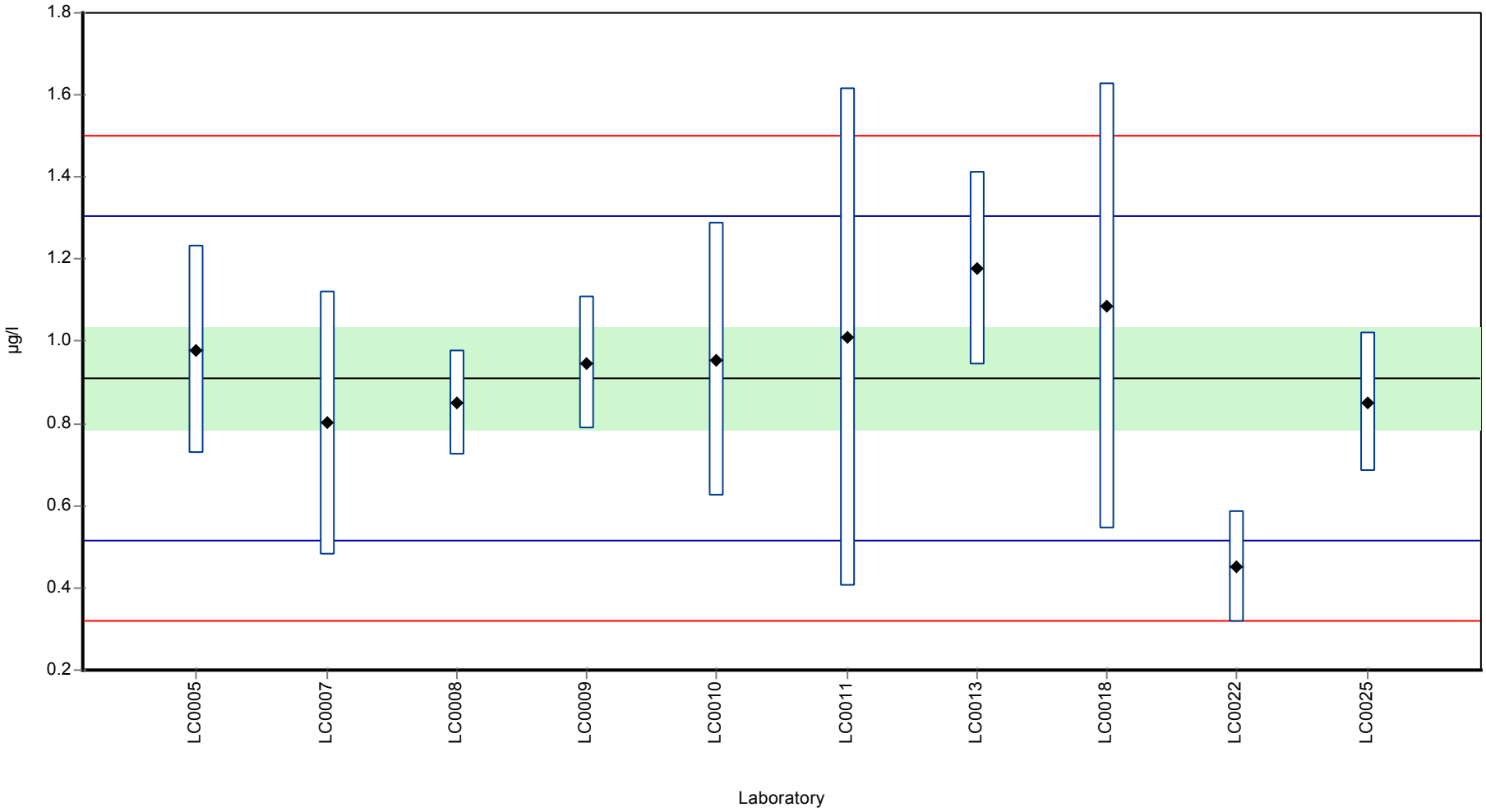
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.98	0.255	108	0.35	
LC0006	-	-	-	-	
LC0007	0.801	0.32	87.9	-0.56	
LC0008	0.851	0.128	93.4	-0.3	
LC0009	0.948	0.161	104	0.19	
LC0010	0.956	0.335	105	0.23	
LC0011	1.01	0.606	111	0.5	
LC0012	-	-	-	-	
LC0013	1.176	0.235	129	1.34	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	1.086	0.543	119	0.89	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.451	0.1353	49.5	-2.33	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.851	0.17	93.4	-0.3	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.911 ± 0.187	0.911 ± 0.187	µg/l
Minimum	0.451	0.451	µg/l
Maximum	1.18	1.18	µg/l
Standard deviation	0.197	0.197	µg/l
rel. Standard deviation	21.6	21.6	%
n	10	10	-

Graphical presentation of results

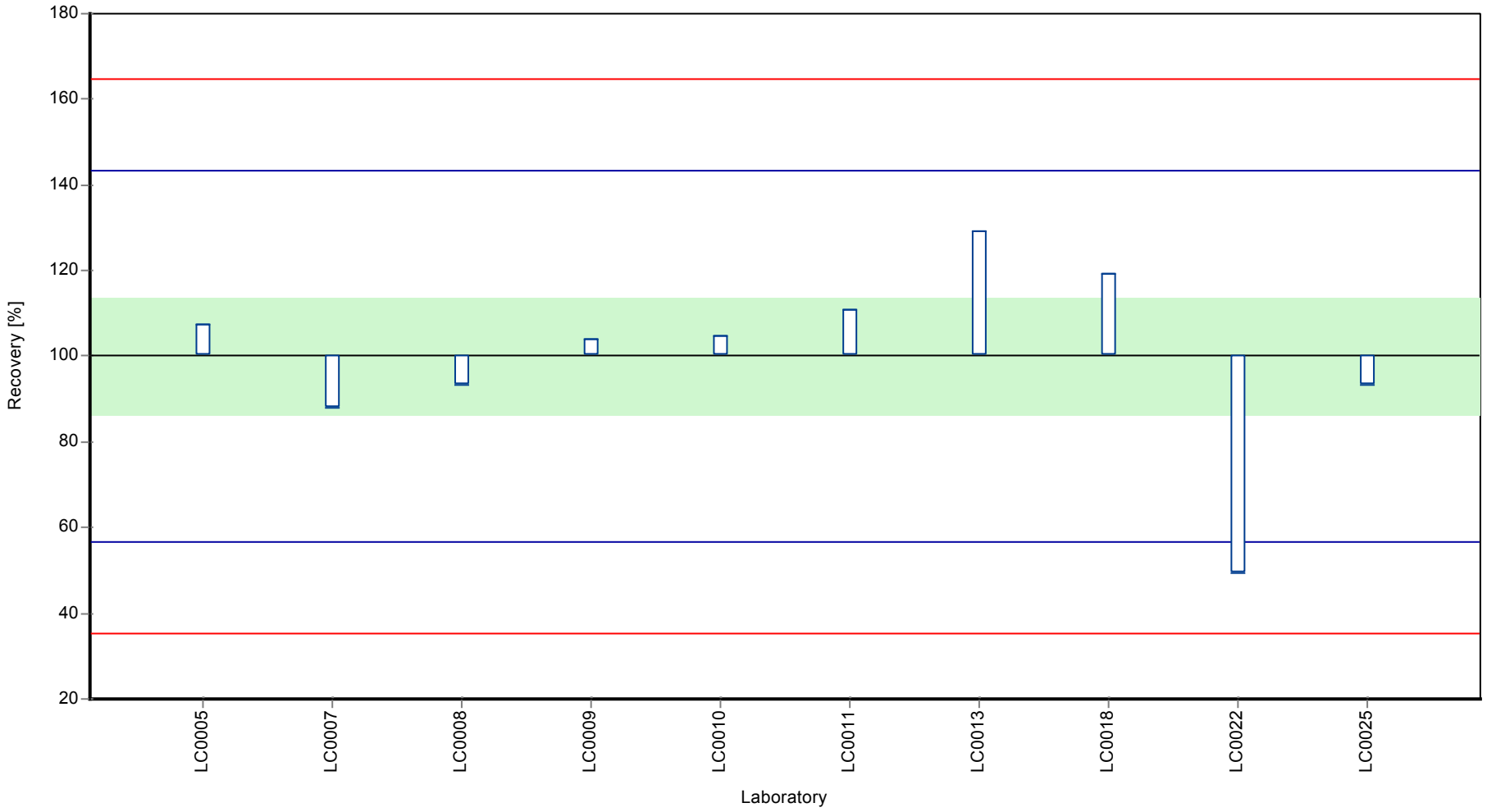
Results



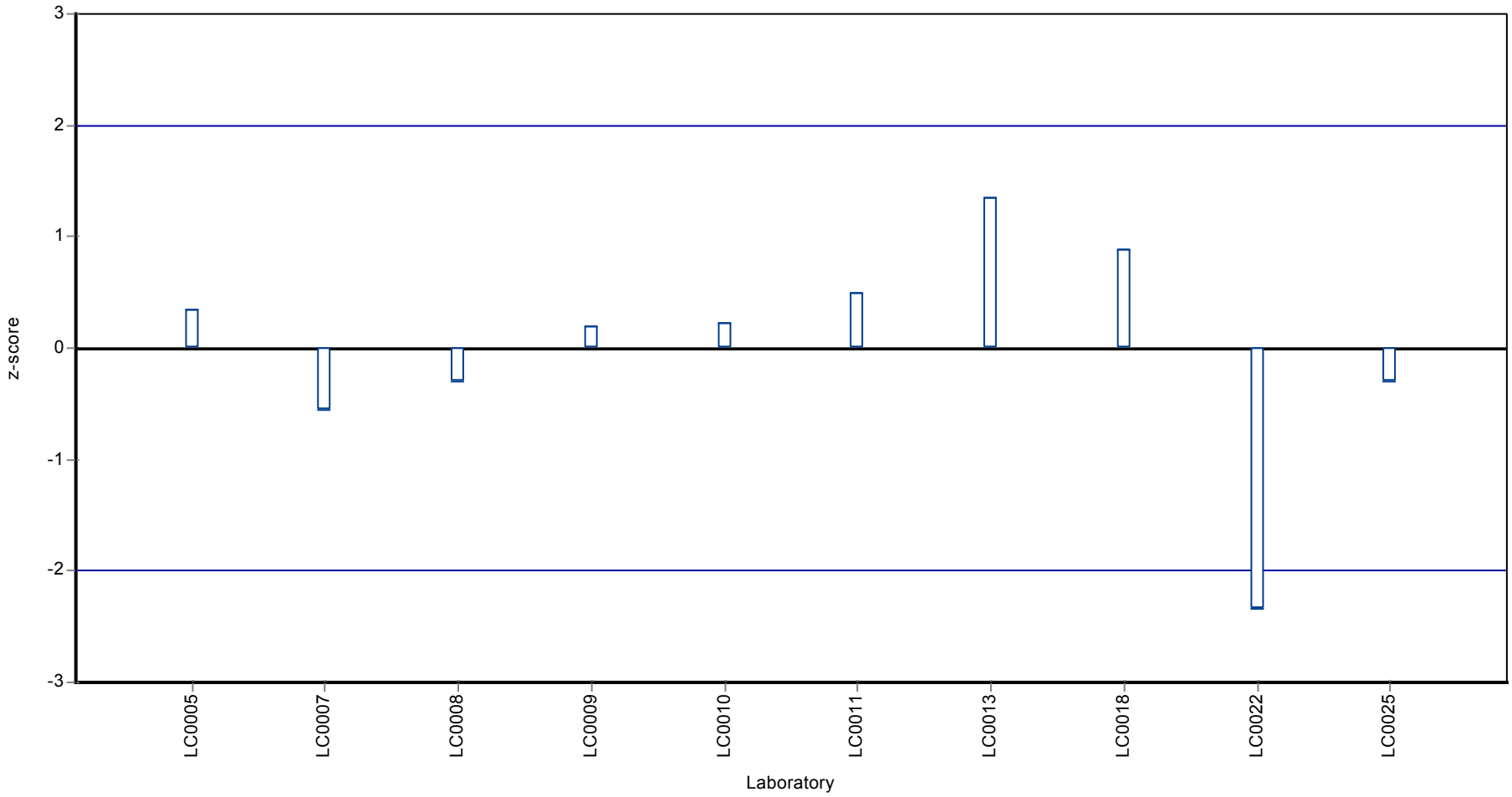
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)

Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0013
LC0018
LC0022
LC0025
Laboratory

Parameter oriented report

PM02 A

Dimethenamid-P-acid (Dimethenamid-OA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

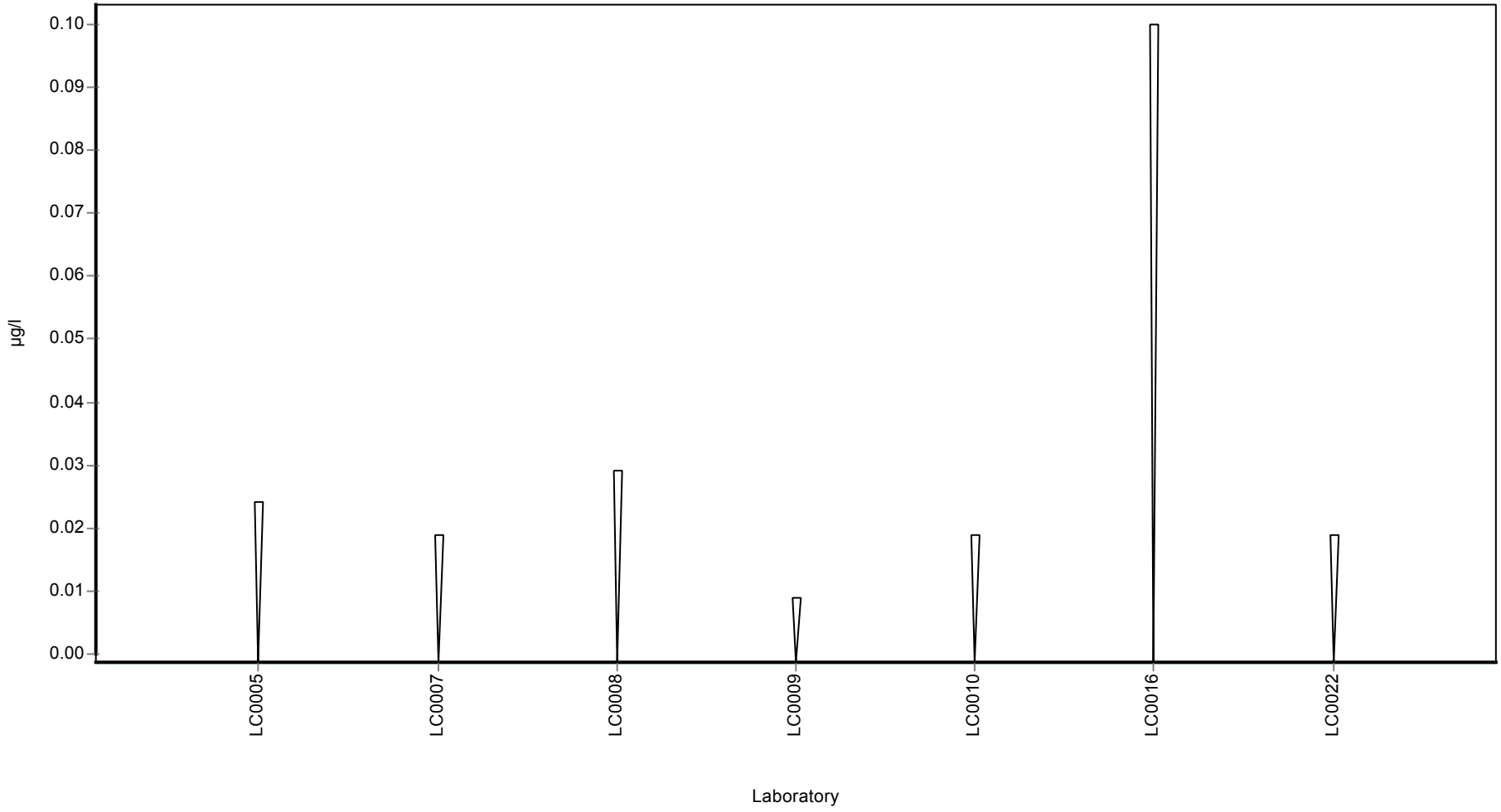
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Dimethenamid-P-acid (Dimethenamid-OA)

Unit	µg/l
Mean ± CI (99%)	0.371 ± 0.0703
Minimum - Maximum	0.269 - 0.434
Control test value ± U	0.381 ± 0.0572

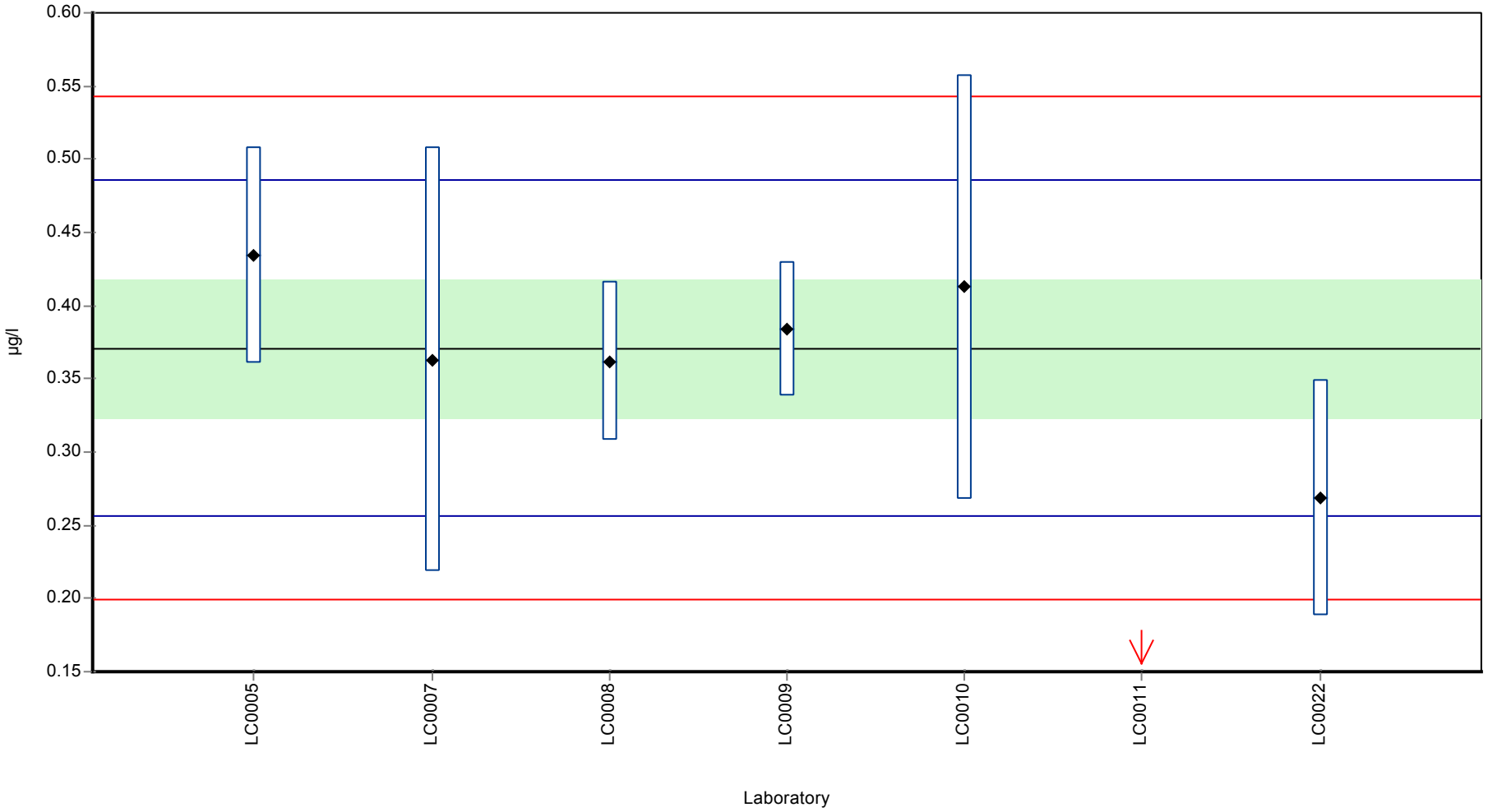
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.434	0.0739	117	1.1	
LC0006	-	-	-	-	
LC0007	0.363	0.145	97.9	-0.14	
LC0008	0.362	0.054	97.6	-0.15	
LC0009	0.384	0.046	104	0.23	
LC0010	0.413	0.145	111	0.73	
LC0011	0.039	0.023	10.5	-5.79	H
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.269	0.0807	72.5	-1.78	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

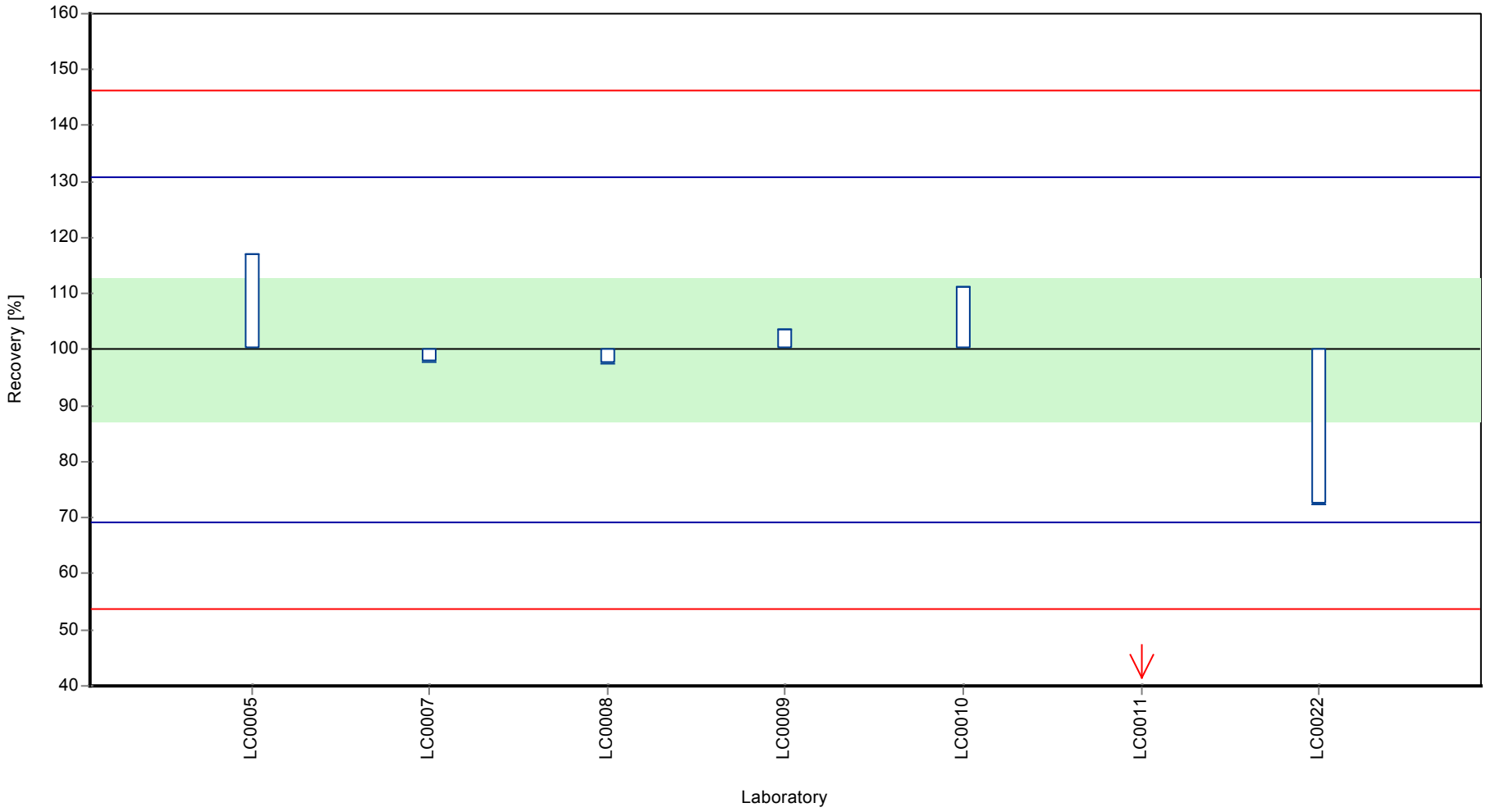
	all results	without outliers	Unit
Mean ± CI (99%)	0.323 ± 0.154	0.371 ± 0.0703	µg/l
Minimum	0.039	0.269	µg/l
Maximum	0.434	0.434	µg/l
Standard deviation	0.136	0.0574	µg/l
rel. Standard deviation	42	15.5	%
n	7	6	-

Graphical presentation of results

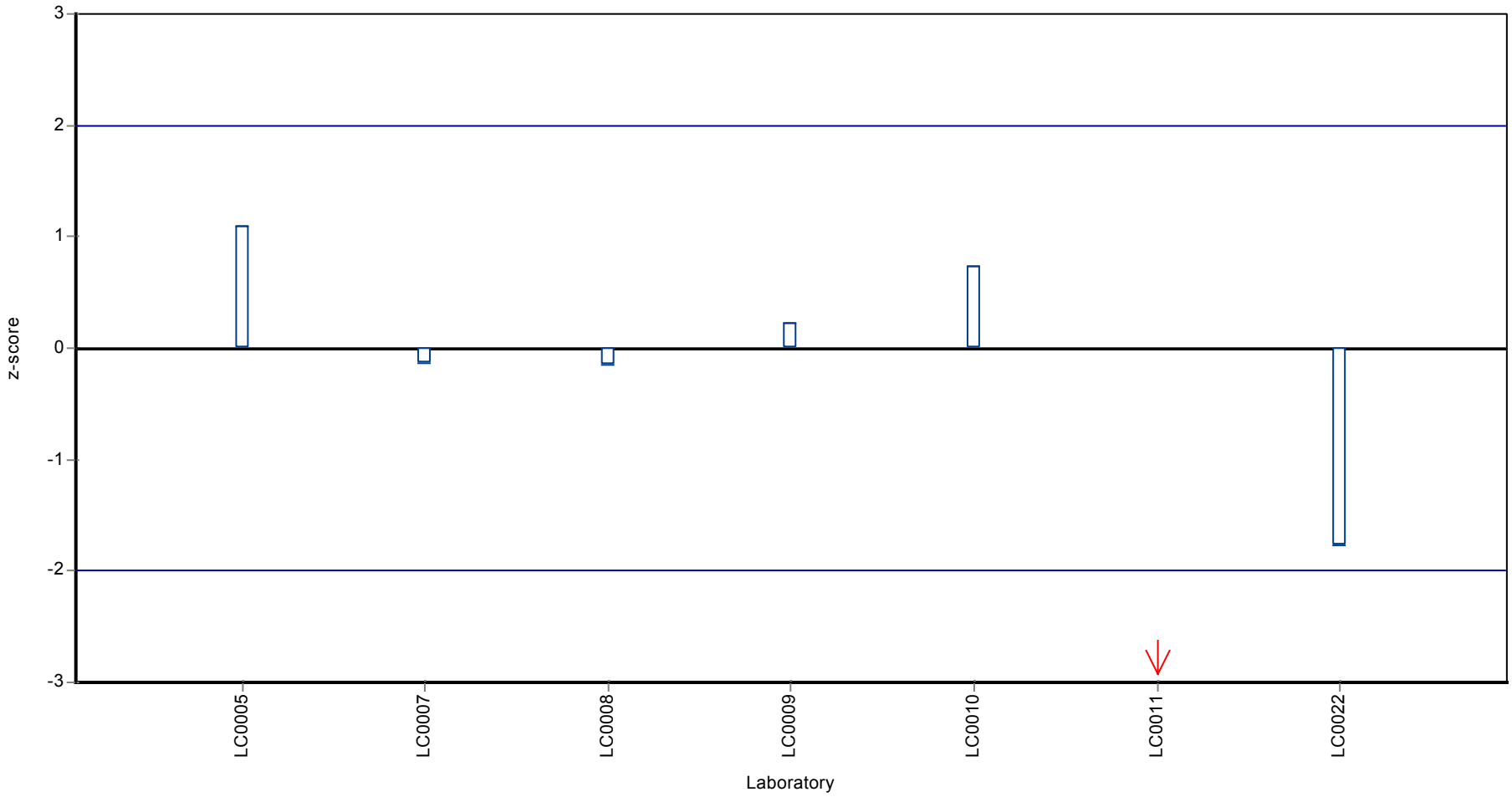
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0022
Laboratory

Parameter oriented report

PM02 A

Diuron

Unit	µg/l
Mean ± CI (99%)	0.295 ± 0.0188
Minimum - Maximum	0.234 - 0.332
Control test value ± U	0.285 ± 0.0427

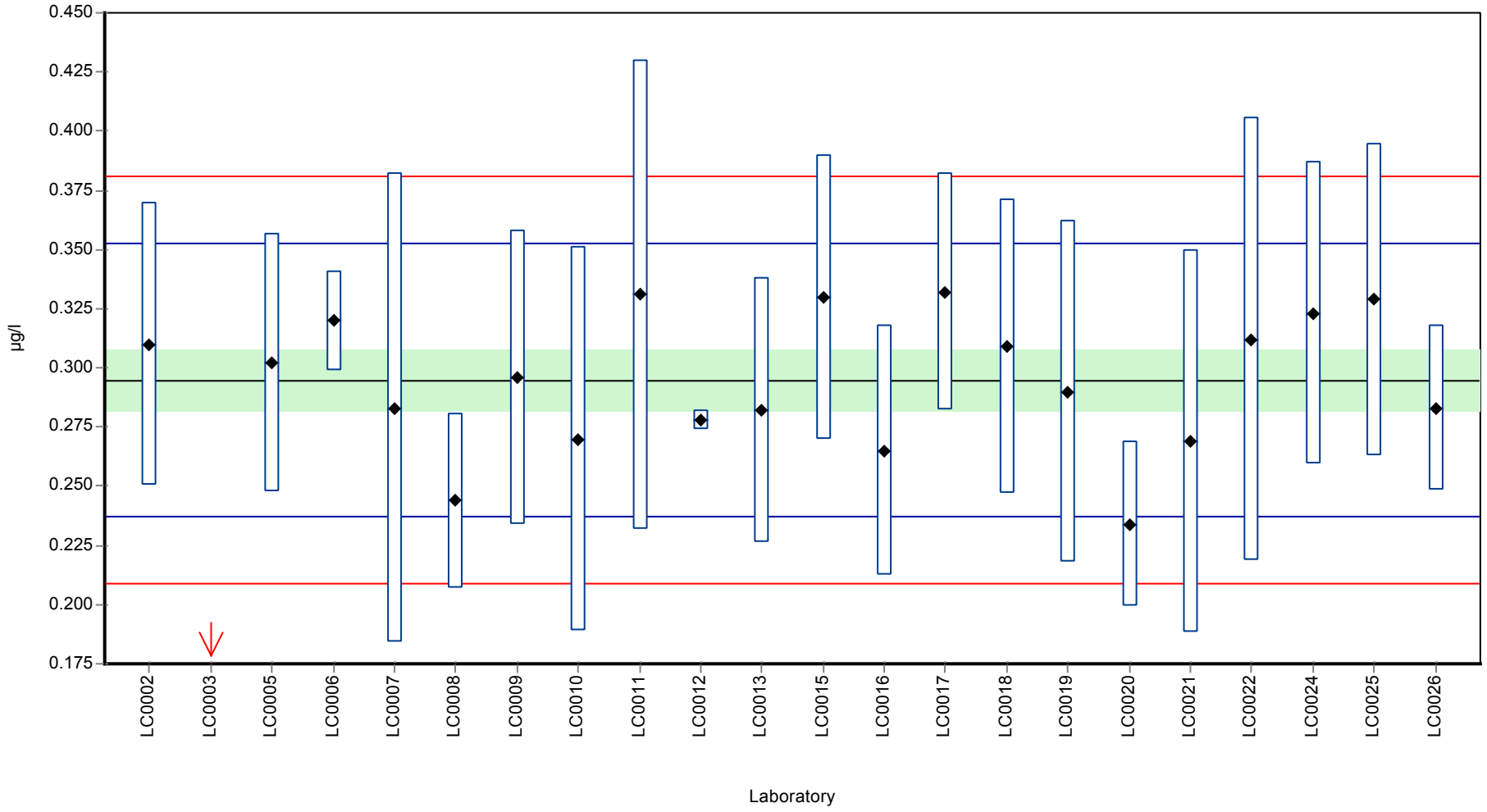
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.31	0.06	105	0.53	
LC0003	0.092	0.001	31.2	-7.06	H
LC0004	-	-	-	-	
LC0005	0.302	0.0544	102	0.25	
LC0006	0.32	0.021	109	0.88	
LC0007	0.283	0.099	96	-0.41	
LC0008	0.244	0.037	82.8	-1.77	
LC0009	0.296	0.062	100	0.04	
LC0010	0.27	0.081	91.6	-0.86	
LC0011	0.331	0.0993	112	1.26	
LC0012	0.278	0.004	94.3	-0.59	
LC0013	0.282	0.056	95.6	-0.45	
LC0014	-	-	-	-	
LC0015	0.33	0.06	112	1.22	
LC0016	0.265	0.053	89.9	-1.04	
LC0017	0.332	0.05	113	1.29	
LC0018	0.309	0.062	105	0.49	
LC0019	0.29	0.0725	98.4	-0.17	
LC0020	0.234	0.0351	79.4	-2.12	
LC0021	0.269	0.0807	91.2	-0.9	
LC0022	0.312	0.0936	106	0.6	
LC0023	-	-	-	-	
LC0024	0.323	0.064	110	0.98	
LC0025	0.329	0.066	112	1.19	
LC0026	0.283	0.035	96	-0.41	

Characteristics of parameter

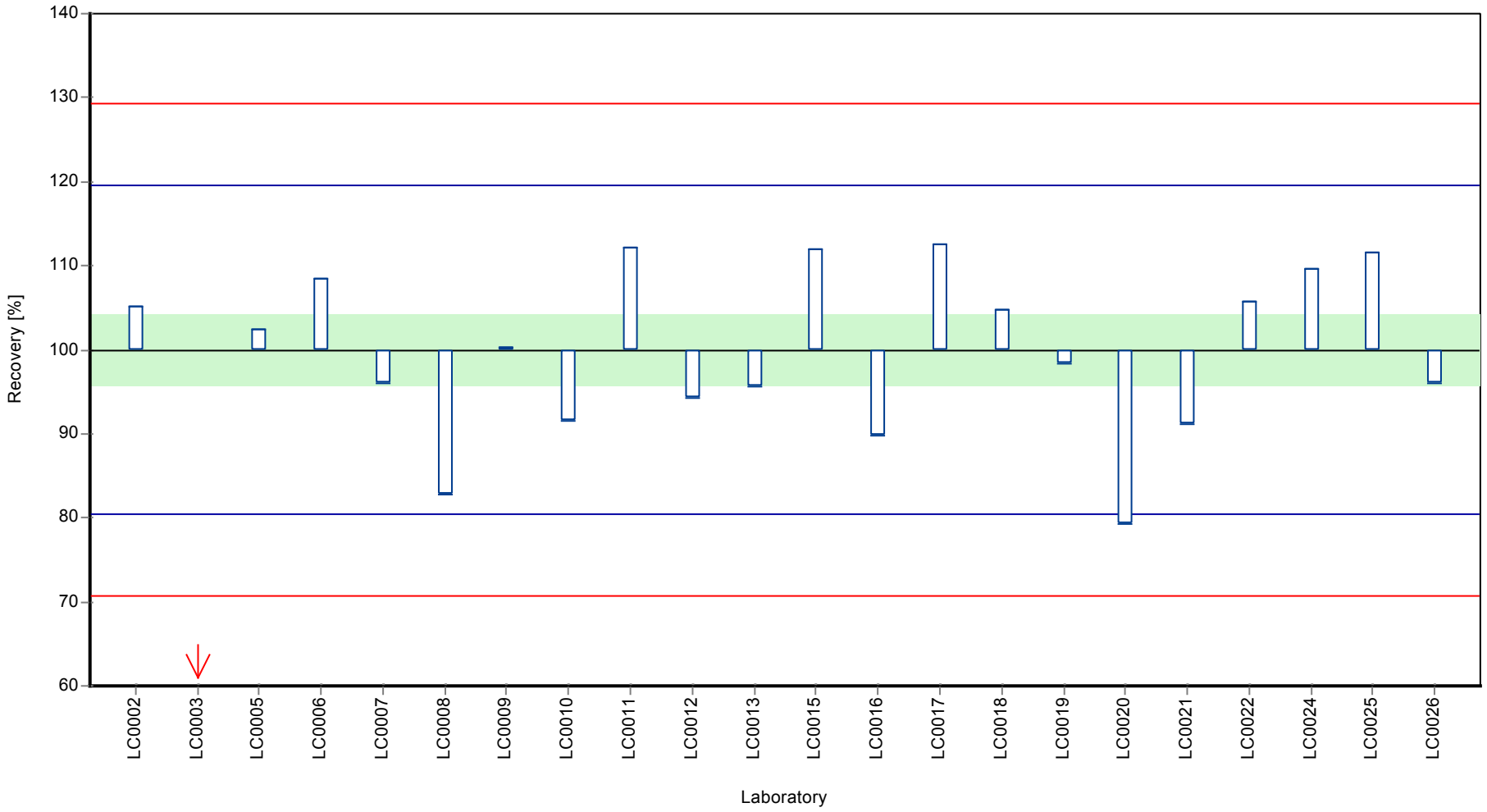
	all results	without outliers	Unit
Mean ± CI (99%)	0.286 ± 0.033	0.295 ± 0.0188	µg/l
Minimum	0.092	0.234	µg/l
Maximum	0.332	0.332	µg/l
Standard deviation	0.0515	0.0287	µg/l
rel. Standard deviation	18	9.74	%
n	22	21	-

Graphical presentation of results

Results



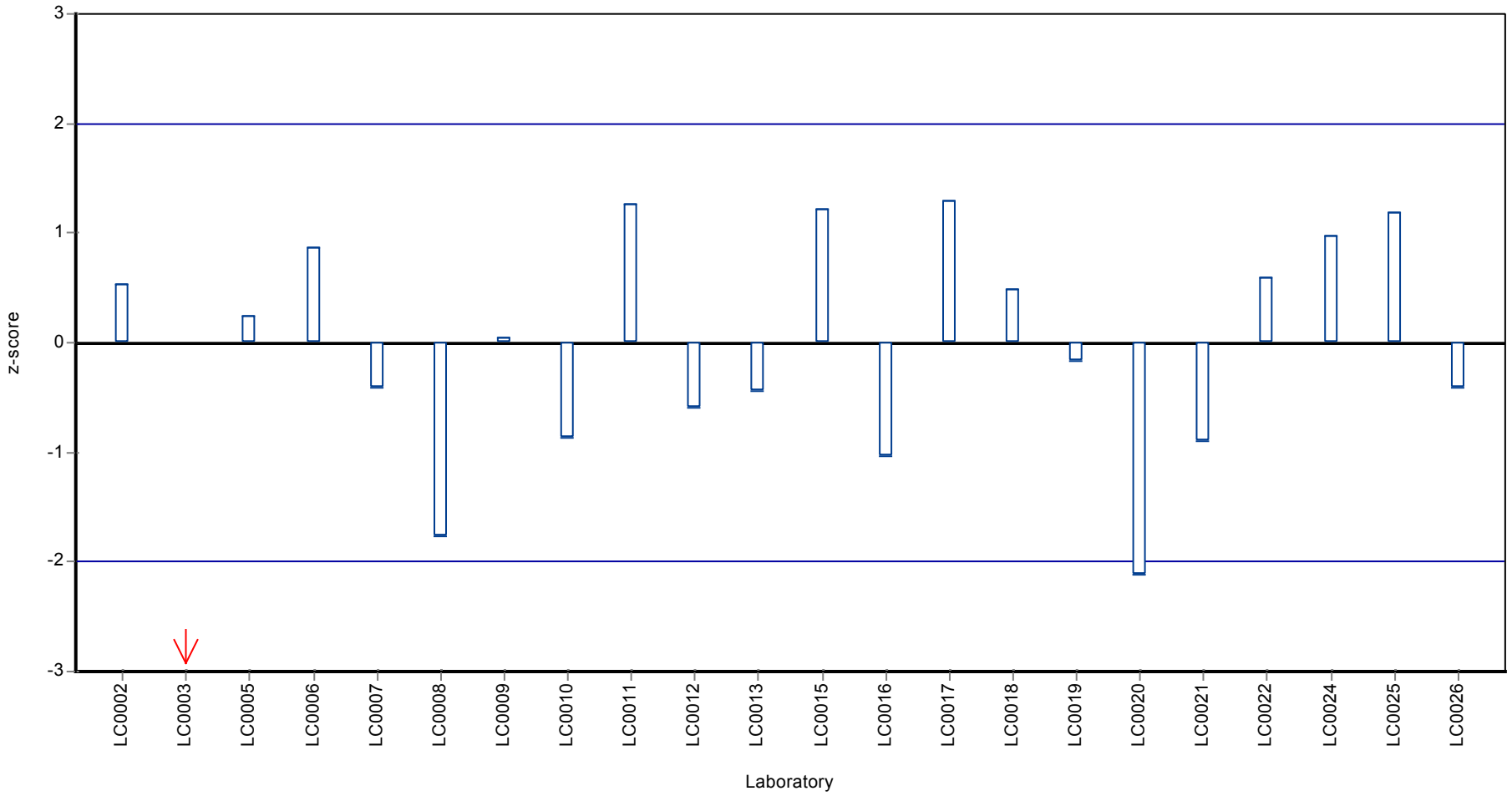
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Diuron

Z-score



Parameter oriented report

PM02 B

Diuron

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

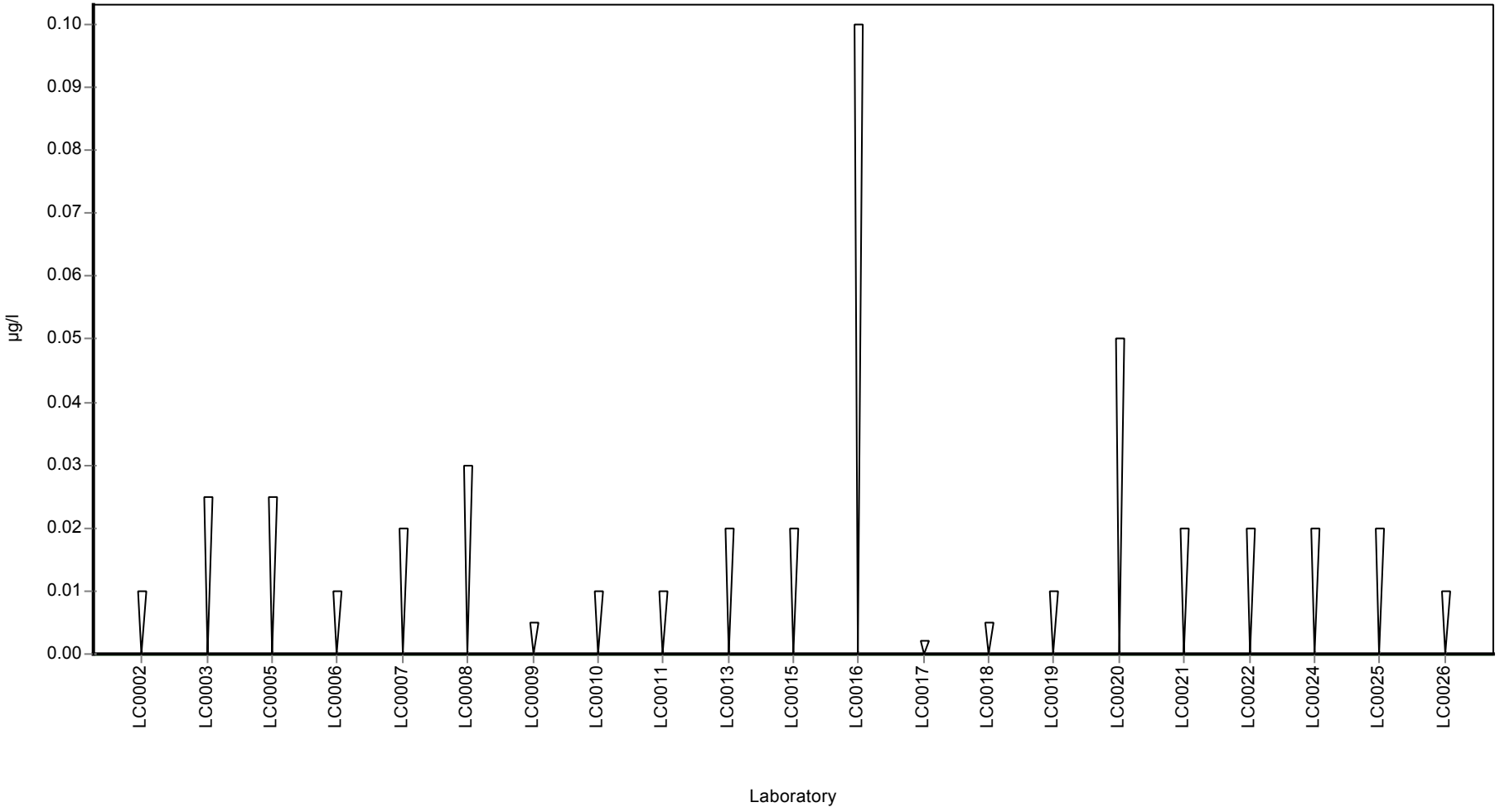
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	< 0.025 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	< 0.01 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.002 (LOD)	-	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.02 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.02 (LOQ)	-	-	-	
LC0025	< 0.02 (LOQ)	-	-	-	
LC0026	< 0.01 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Ethofumesate

Unit	µg/l
Mean ± CI (99%)	0.153 ± 0.0132
Minimum - Maximum	0.127 - 0.179
Control test value ± U	0.172 ± 0.0258

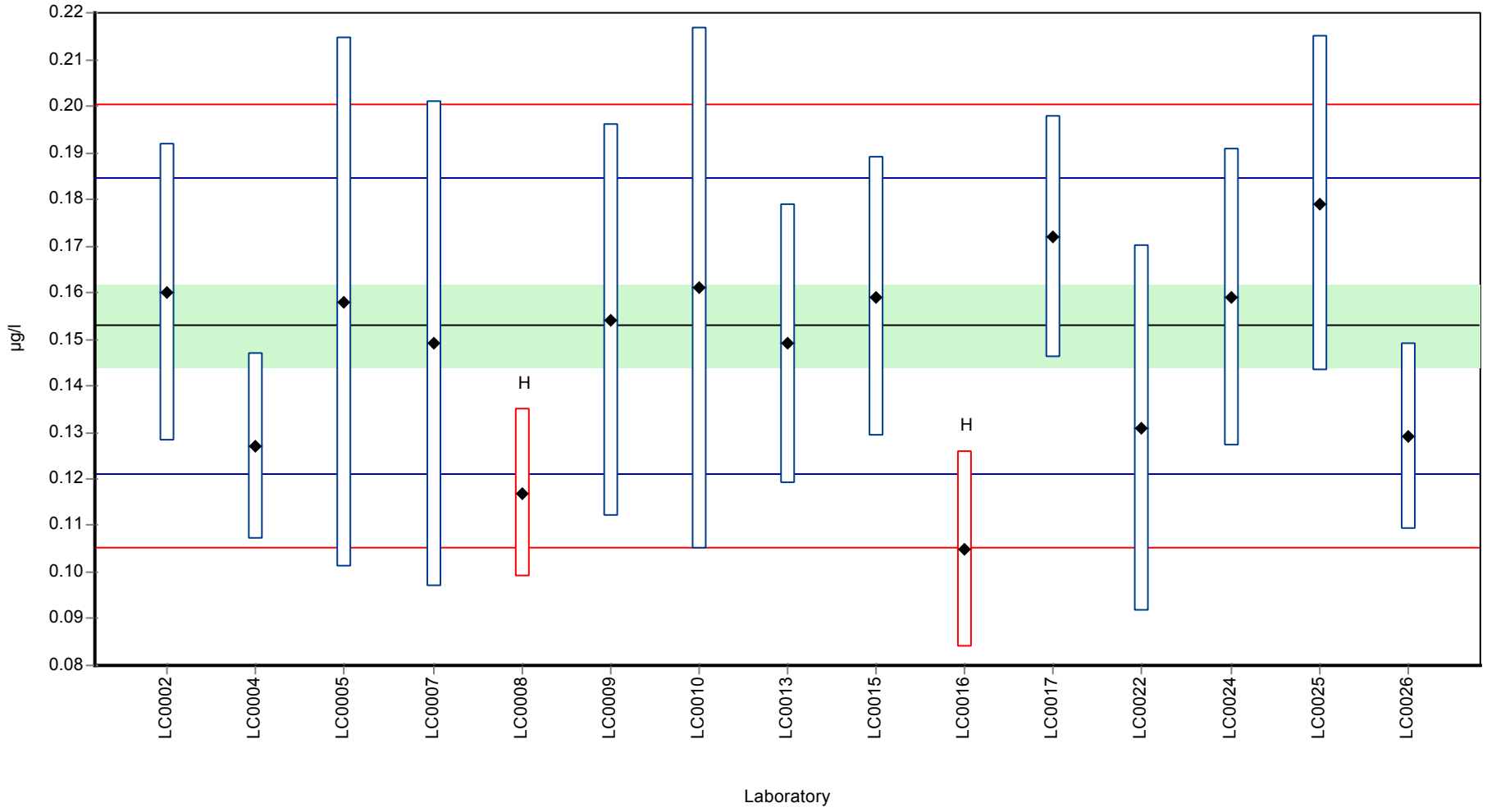
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.16	0.032	105	0.45	
LC0003	-	-	-	-	
LC0004	0.127	0.02	83.1	-1.63	
LC0005	0.158	0.0568	103	0.33	
LC0006	-	-	-	-	
LC0007	0.149	0.052	97.5	-0.24	
LC0008	0.117	0.018	76.5	-2.26	H
LC0009	0.154	0.042	101	0.07	
LC0010	0.161	0.056	105	0.51	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.149	0.03	97.5	-0.24	
LC0014	-	-	-	-	
LC0015	0.159	0.03	104	0.39	
LC0016	0.105	0.021	68.7	-3.02	H
LC0017	0.172	0.026	113	1.21	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.131	0.0393	85.7	-1.38	
LC0023	-	-	-	-	
LC0024	0.159	0.032	104	0.39	
LC0025	0.179	0.036	117	1.65	
LC0026	0.129	0.02	84.4	-1.5	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.147 ± 0.0162	0.153 ± 0.0132	µg/l
Minimum	0.105	0.127	µg/l
Maximum	0.179	0.179	µg/l
Standard deviation	0.0209	0.0159	µg/l
rel. Standard deviation	14.2	10.4	%
n	15	13	-

Graphical presentation of results

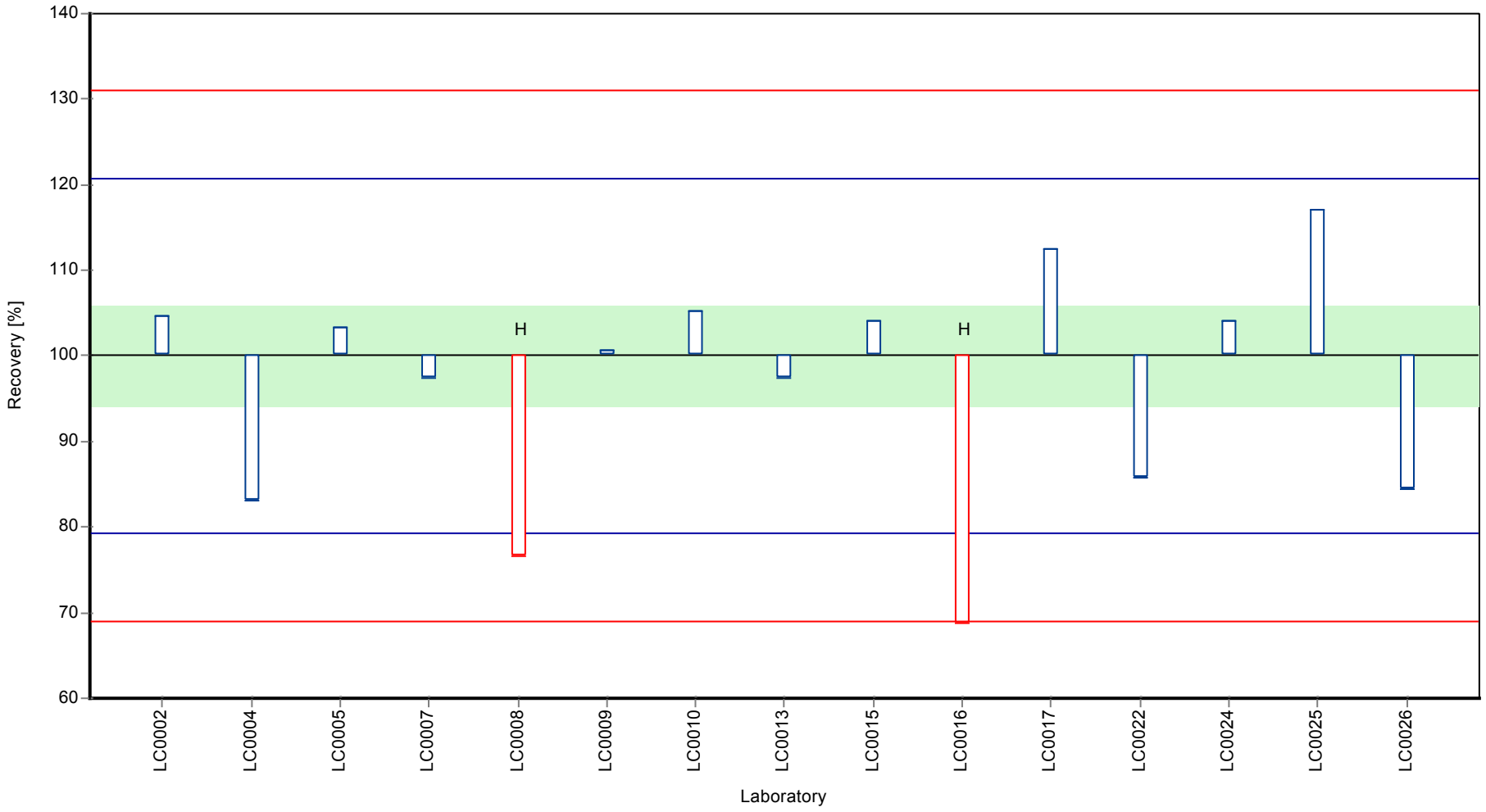
Results



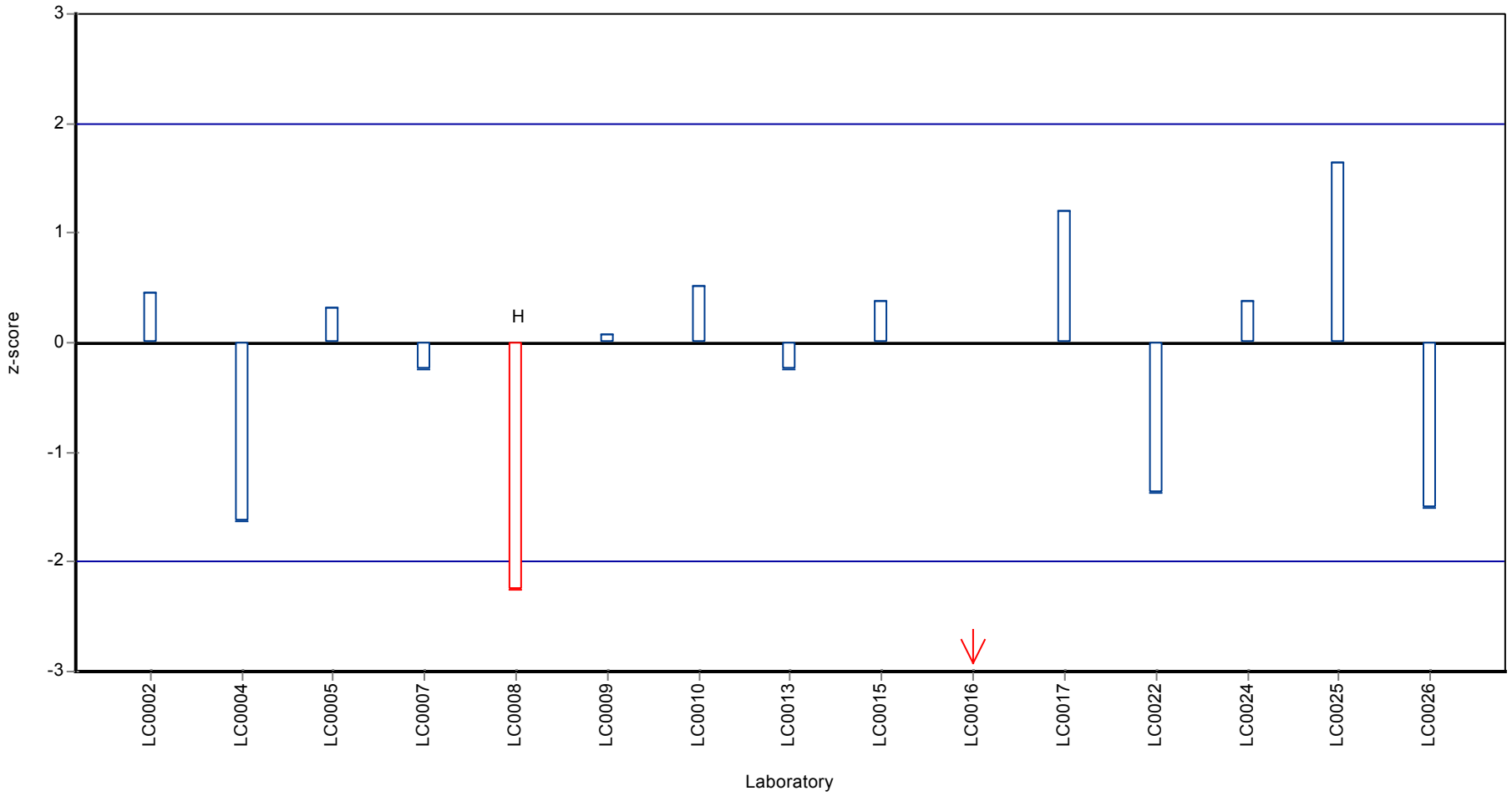
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Ethofumesate

Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
H
LC0002
LC0004
LC0005
LC0007
LC0008
LC0009
LC0010
LC0013
LC0015
LC0016
LC0017
LC0022
LC0024
LC0025
LC0026
Laboratory

Parameter oriented report

PM02 B

Ethofumesate

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

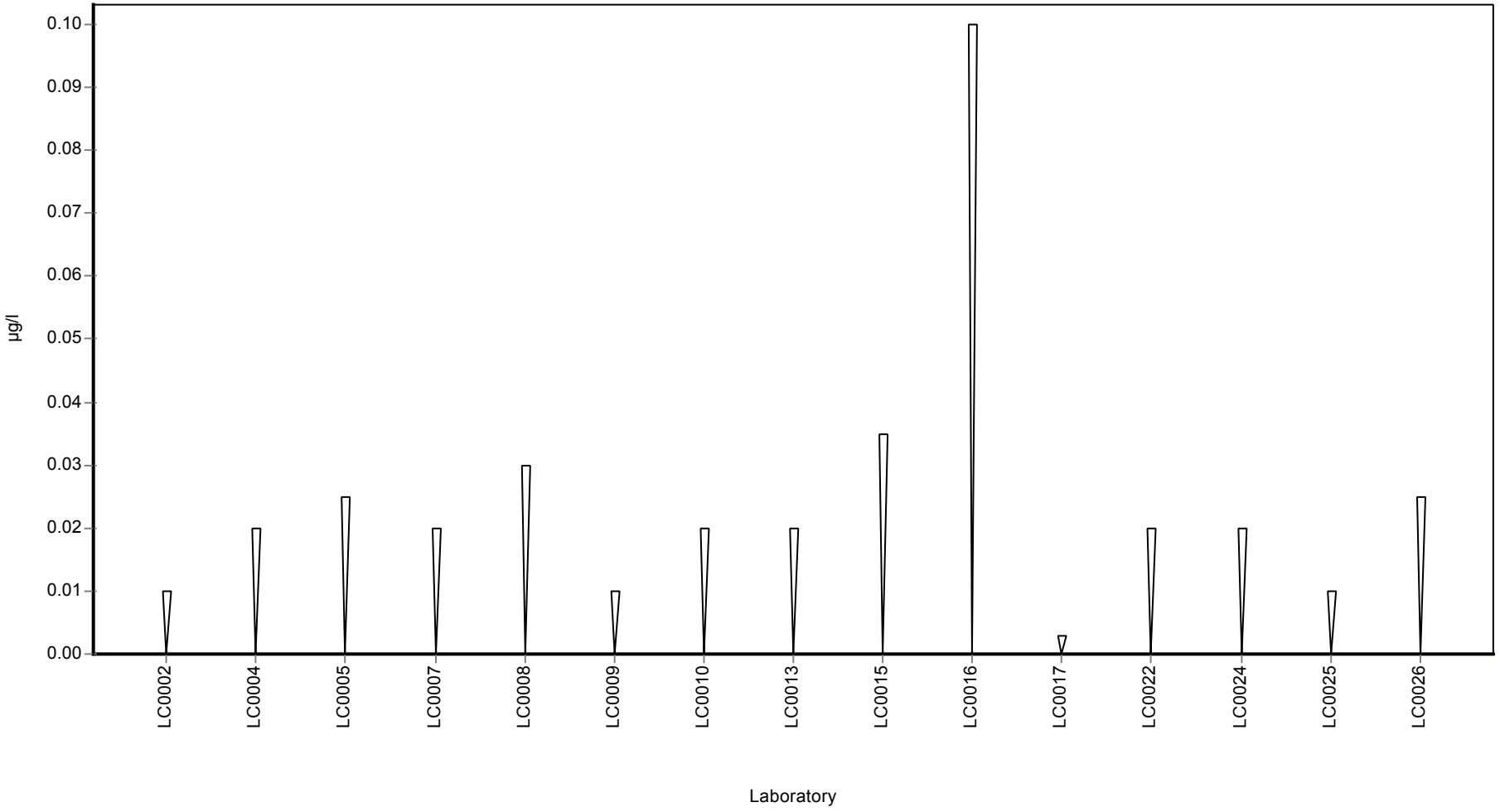
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.02 (LOQ)	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.035 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.003 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.02 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	< 0.025 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Flufenacet

Unit	µg/l
Mean ± CI (99%)	0.43 ± 0.0434
Minimum - Maximum	0.332 - 0.55
Control test value ± U	0.453 ± 0.0679

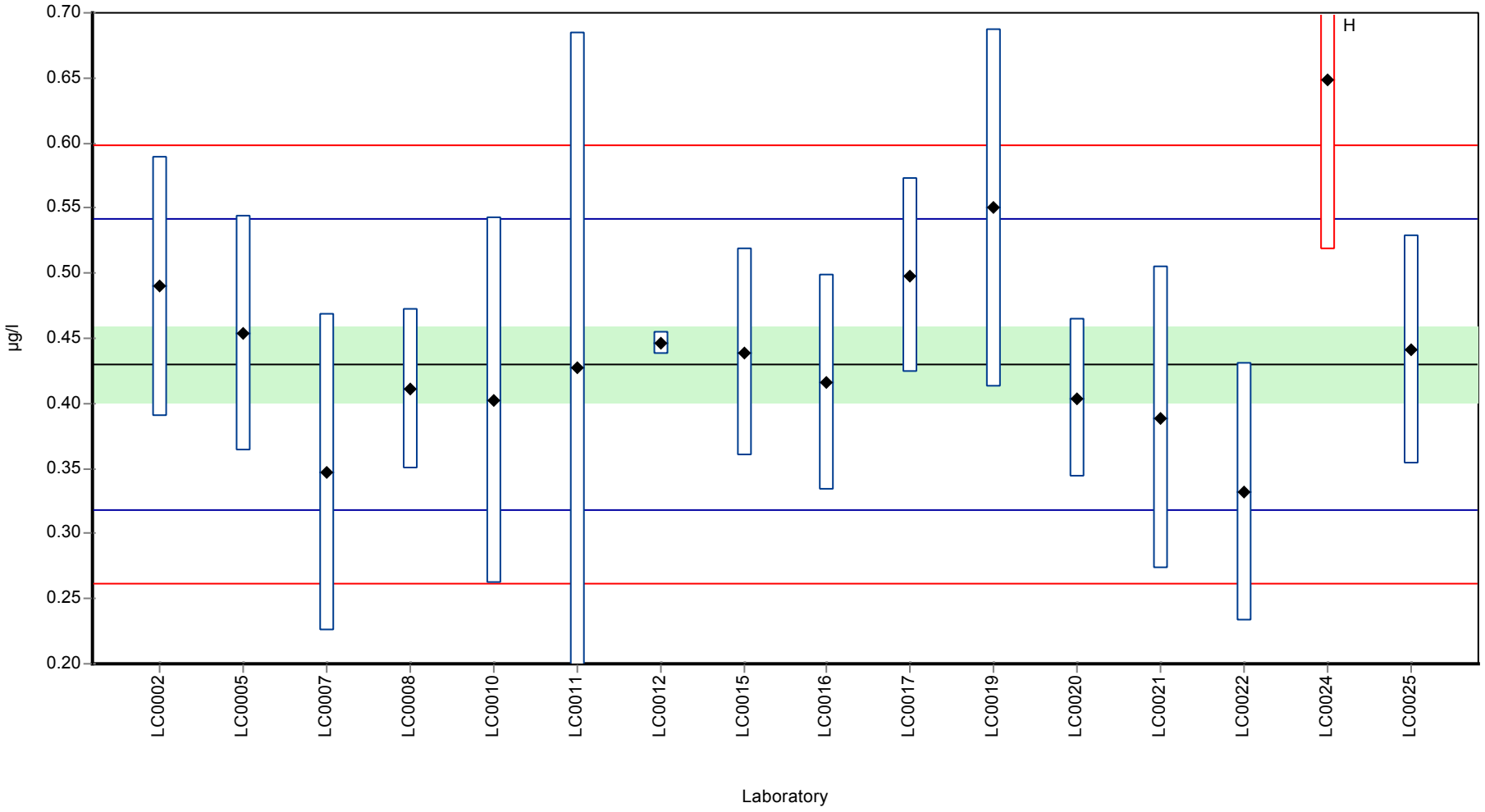
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.49	0.1	114	1.08	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.454	0.0908	106	0.43	
LC0006	-	-	-	-	
LC0007	0.347	0.122	80.7	-1.48	
LC0008	0.411	0.062	95.6	-0.34	
LC0009	-	-	-	-	
LC0010	0.402	0.141	93.5	-0.5	
LC0011	0.428	0.257	99.6	-0.03	
LC0012	0.446	0.009	104	0.29	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.439	0.08	102	0.16	
LC0016	0.416	0.083	96.8	-0.25	
LC0017	0.498	0.075	116	1.22	
LC0018	-	-	-	-	
LC0019	0.55	0.1375	128	2.15	
LC0020	0.404	0.0606	94	-0.46	
LC0021	0.389	0.1167	90.5	-0.73	
LC0022	0.332	0.0996	77.2	-1.75	
LC0023	-	-	-	-	
LC0024	0.648	0.13	151	3.9	H
LC0025	0.441	0.0882	103	0.2	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.443 ± 0.0576	0.43 ± 0.0434	µg/l
Minimum	0.332	0.332	µg/l
Maximum	0.648	0.55	µg/l
Standard deviation	0.0768	0.056	µg/l
rel. Standard deviation	17.3	13	%
n	16	15	-

Graphical presentation of results

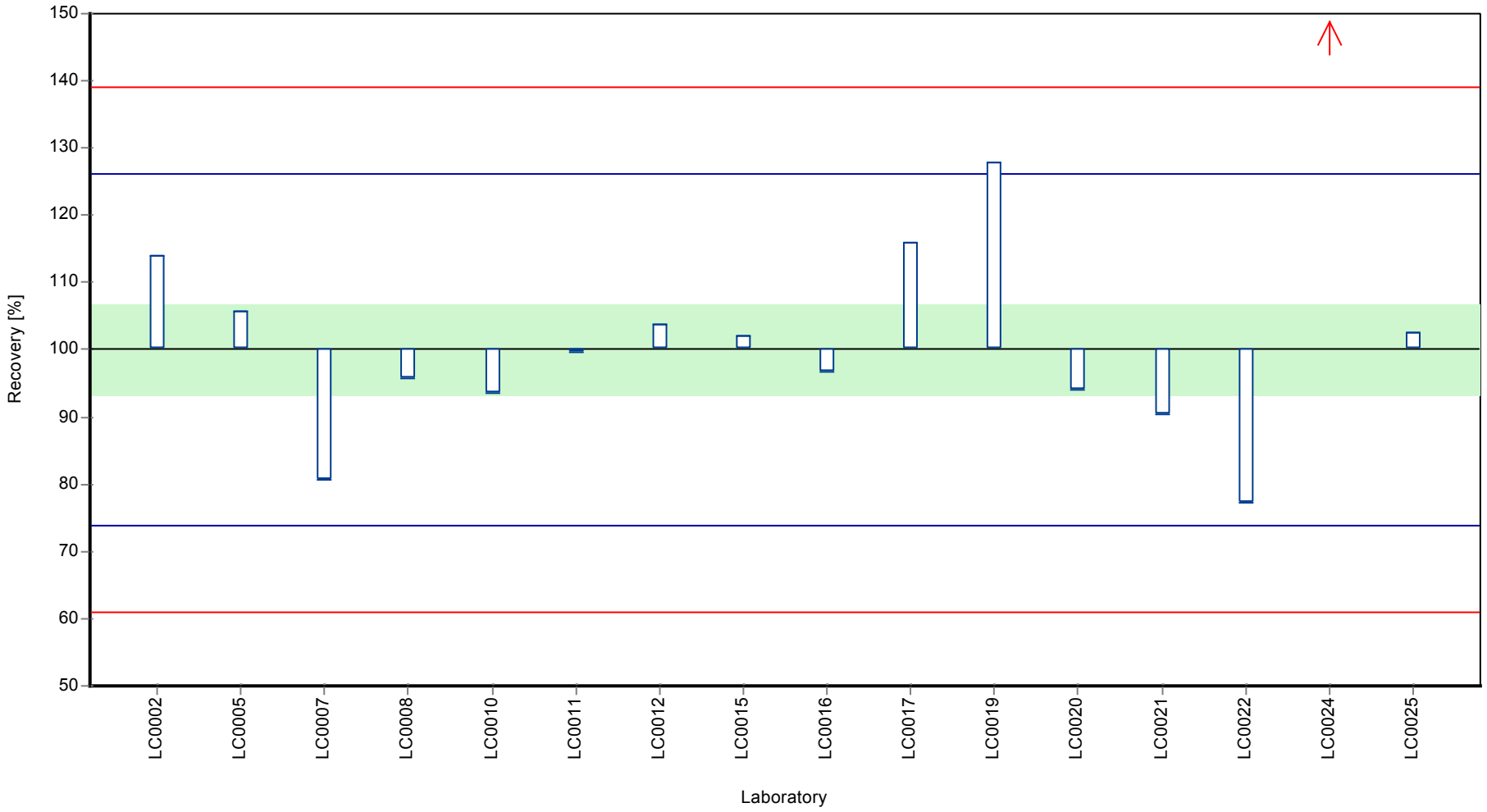
Results



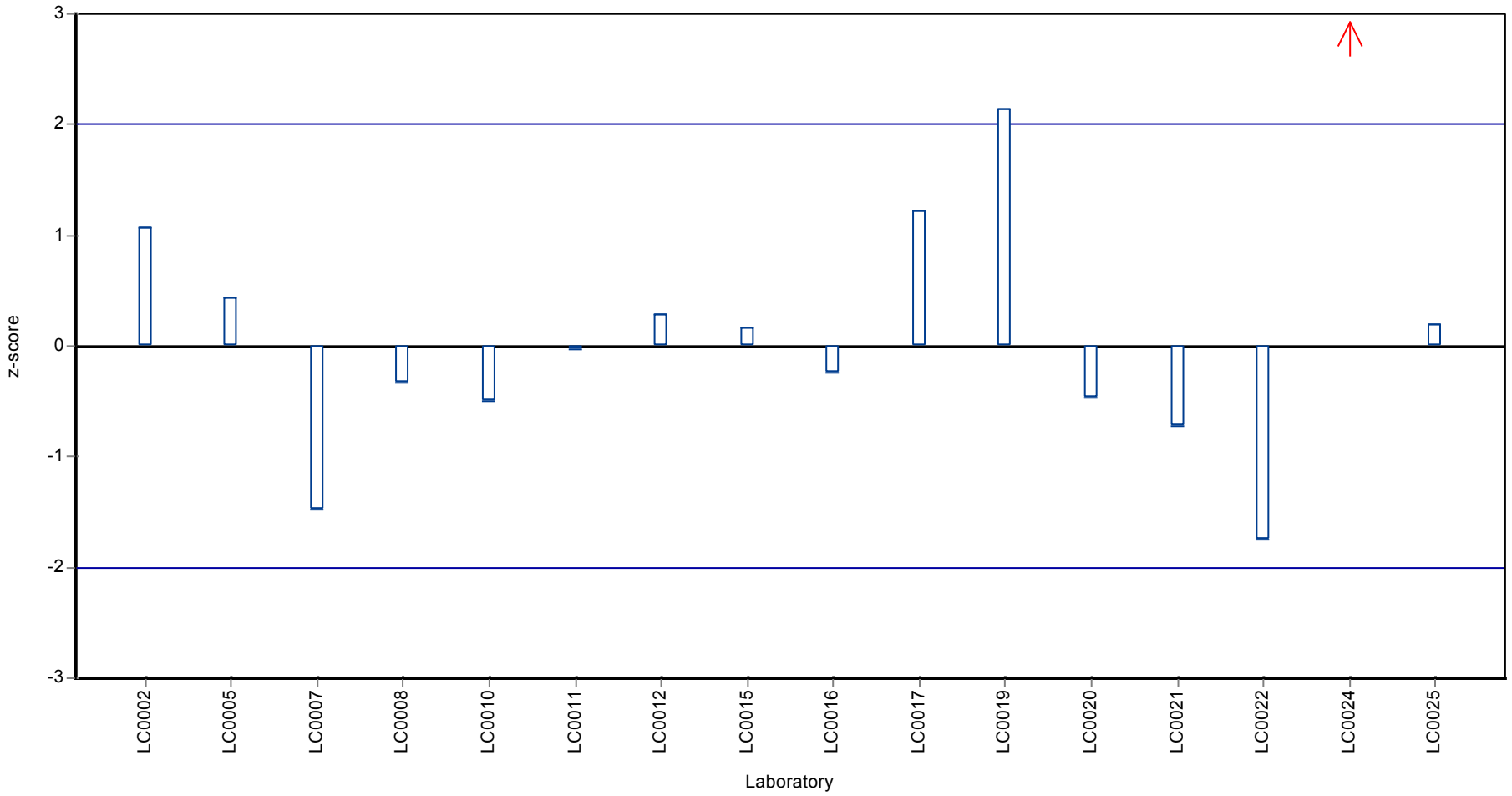
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Flufenacet

Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0002
LC0005
LC0007
LC0008
LC0010
LC0011
LC0012
LC0015
LC0016
LC0017
LC0019
LC0020
LC0021
LC0022
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 B

Flufenacet

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

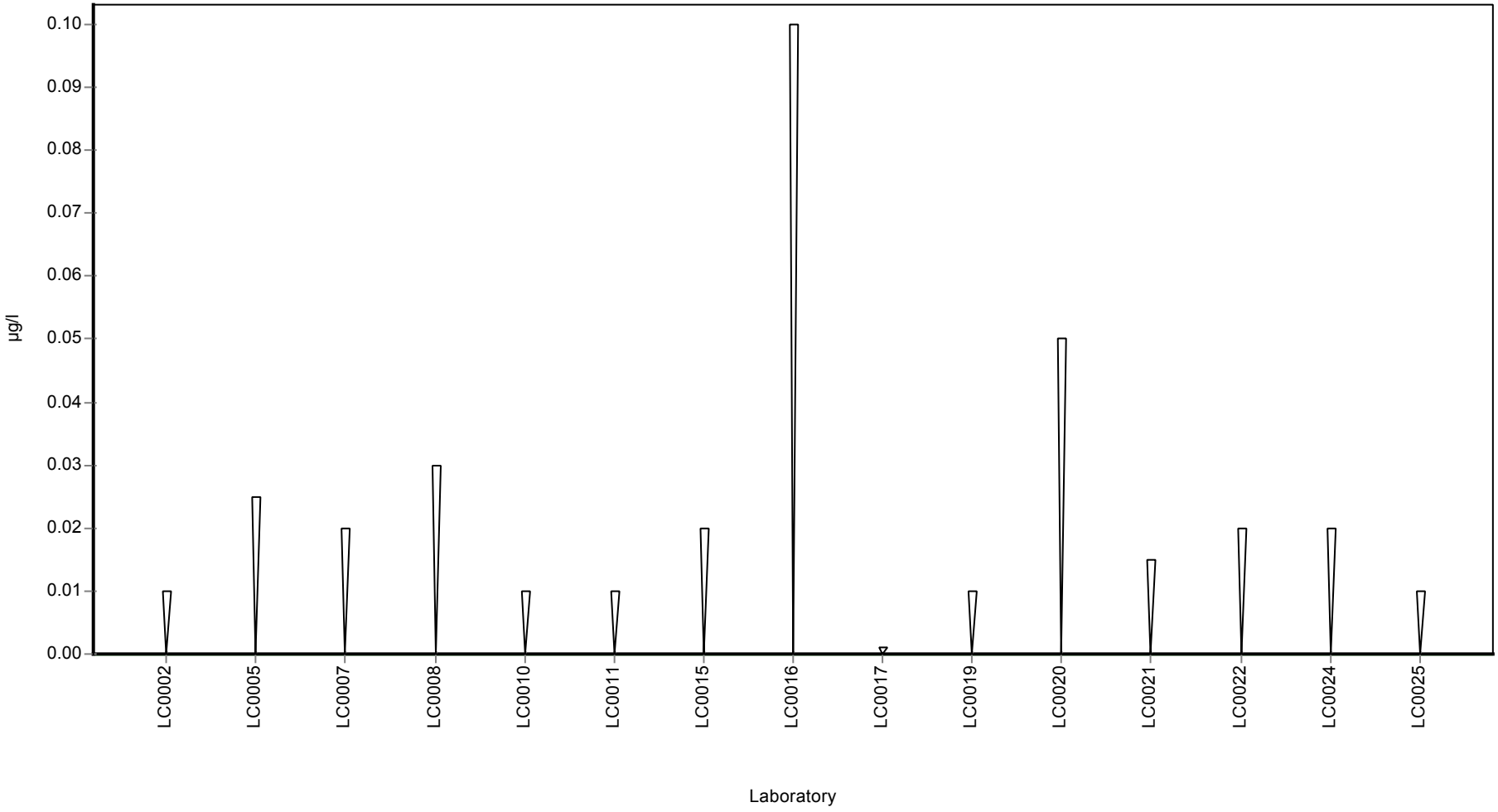
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.001 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.015 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.02 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Flufenacet sulfonic acid (Flufenacet-ESA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

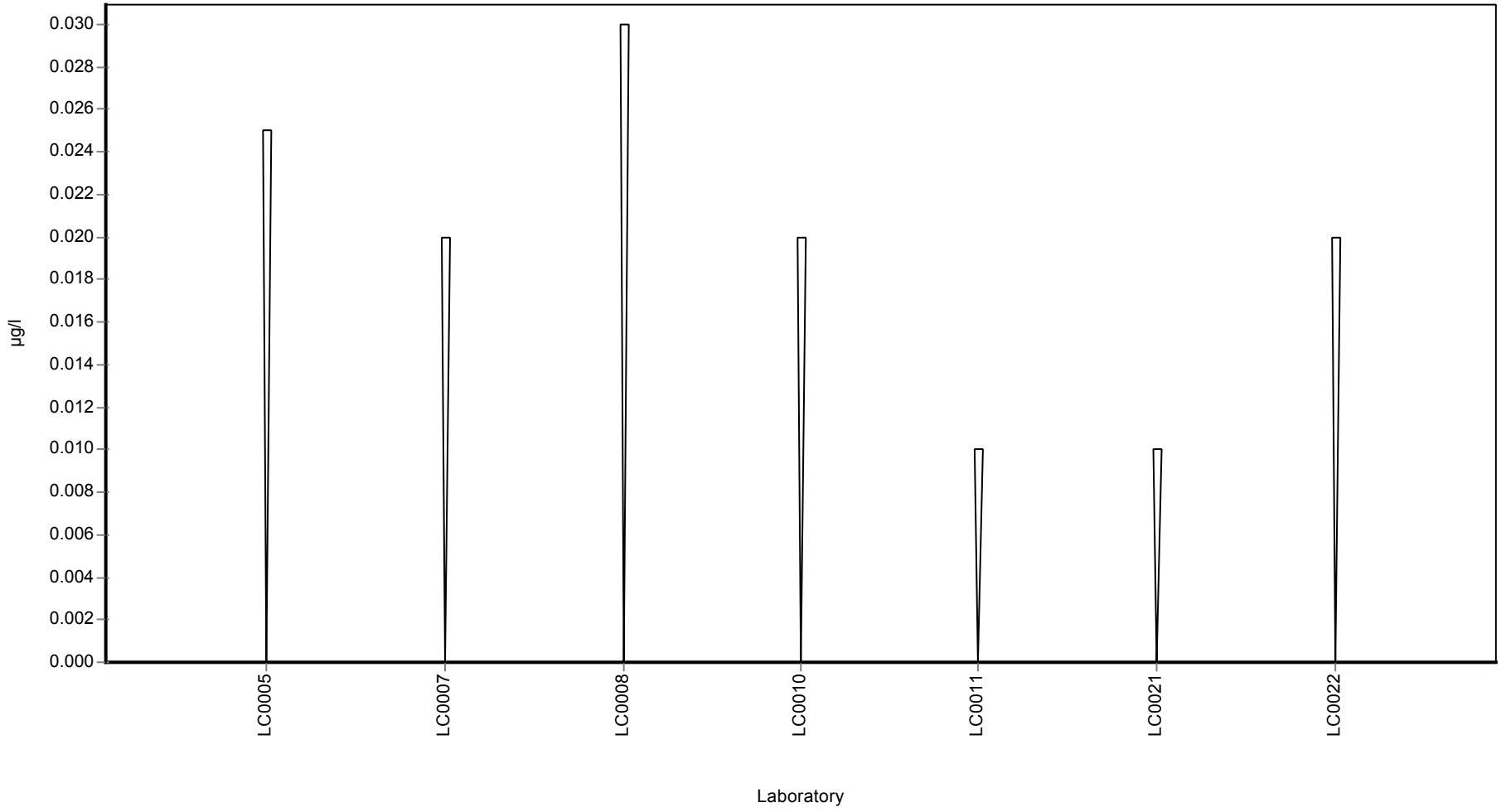
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Flufenacet sulfonic acid (Flufenacet-ESA)

Unit	µg/l
Mean ± CI (99%)	0.8 ± 0.215
Minimum - Maximum	0.501 - 0.983
Control test value ± U	-

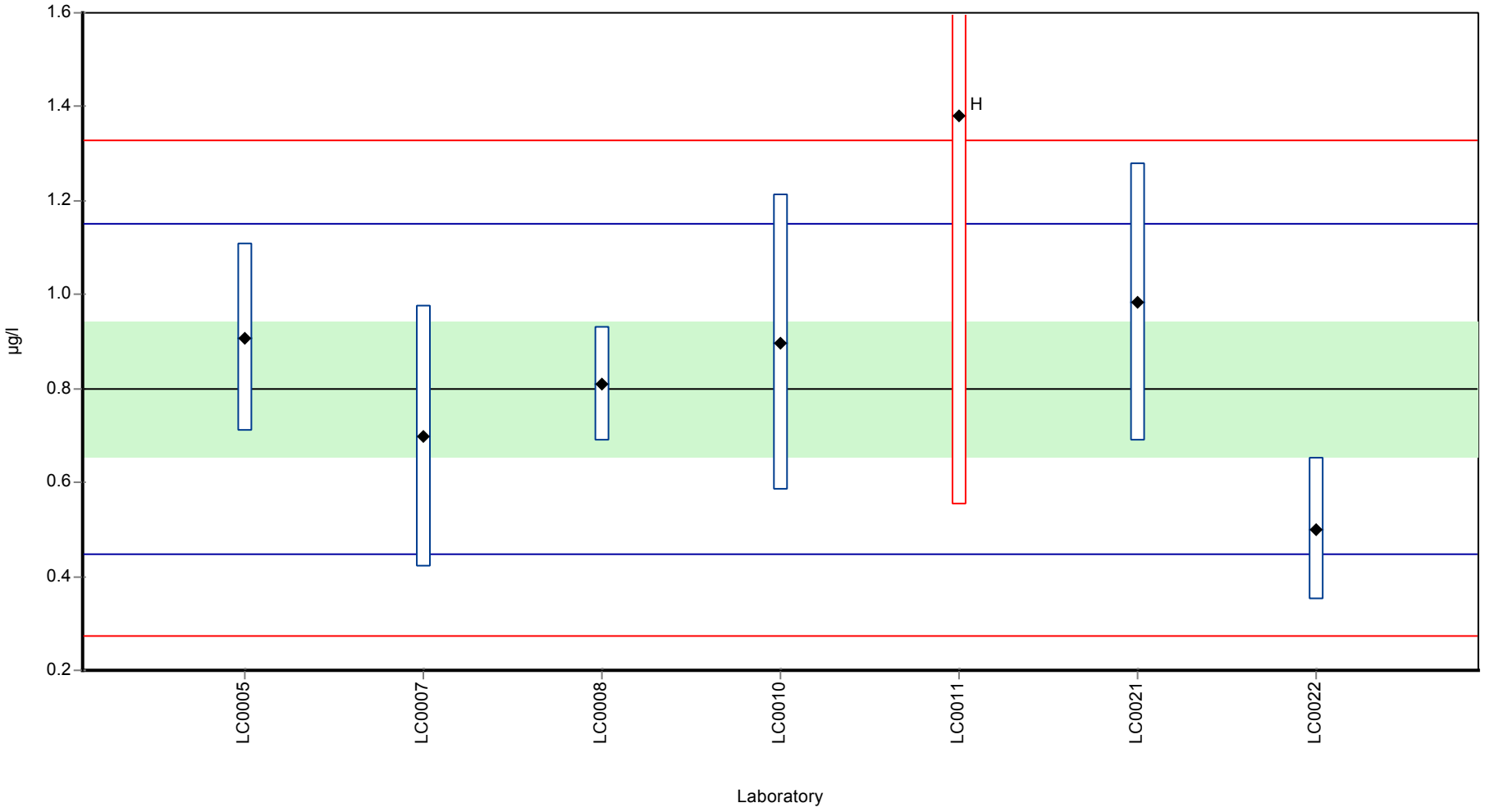
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.908	0.2	114	0.62	
LC0006	-	-	-	-	
LC0007	0.698	0.279	87.3	-0.58	
LC0008	0.81	0.121	101	0.06	
LC0009	-	-	-	-	
LC0010	0.898	0.314	112	0.56	
LC0011	1.38	0.828	173	3.3	H
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.983	0.2949	123	1.04	
LC0022	0.501	0.1503	62.7	-1.7	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

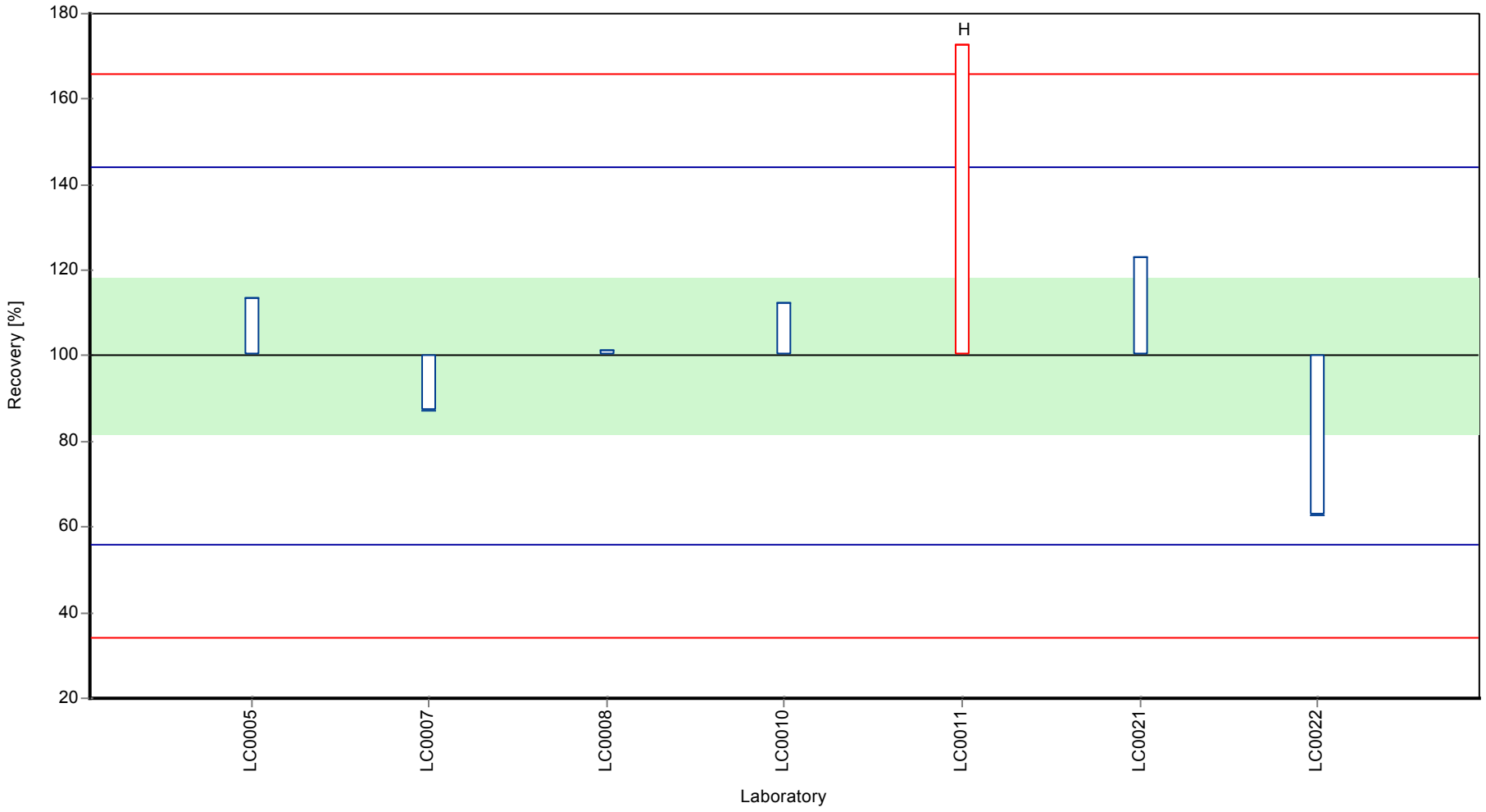
	all results	without outliers	Unit
Mean ± CI (99%)	0.883 ± 0.308	0.8 ± 0.215	µg/l
Minimum	0.501	0.501	µg/l
Maximum	1.38	0.983	µg/l
Standard deviation	0.272	0.176	µg/l
rel. Standard deviation	30.8	22	%
n	7	6	-

Graphical presentation of results

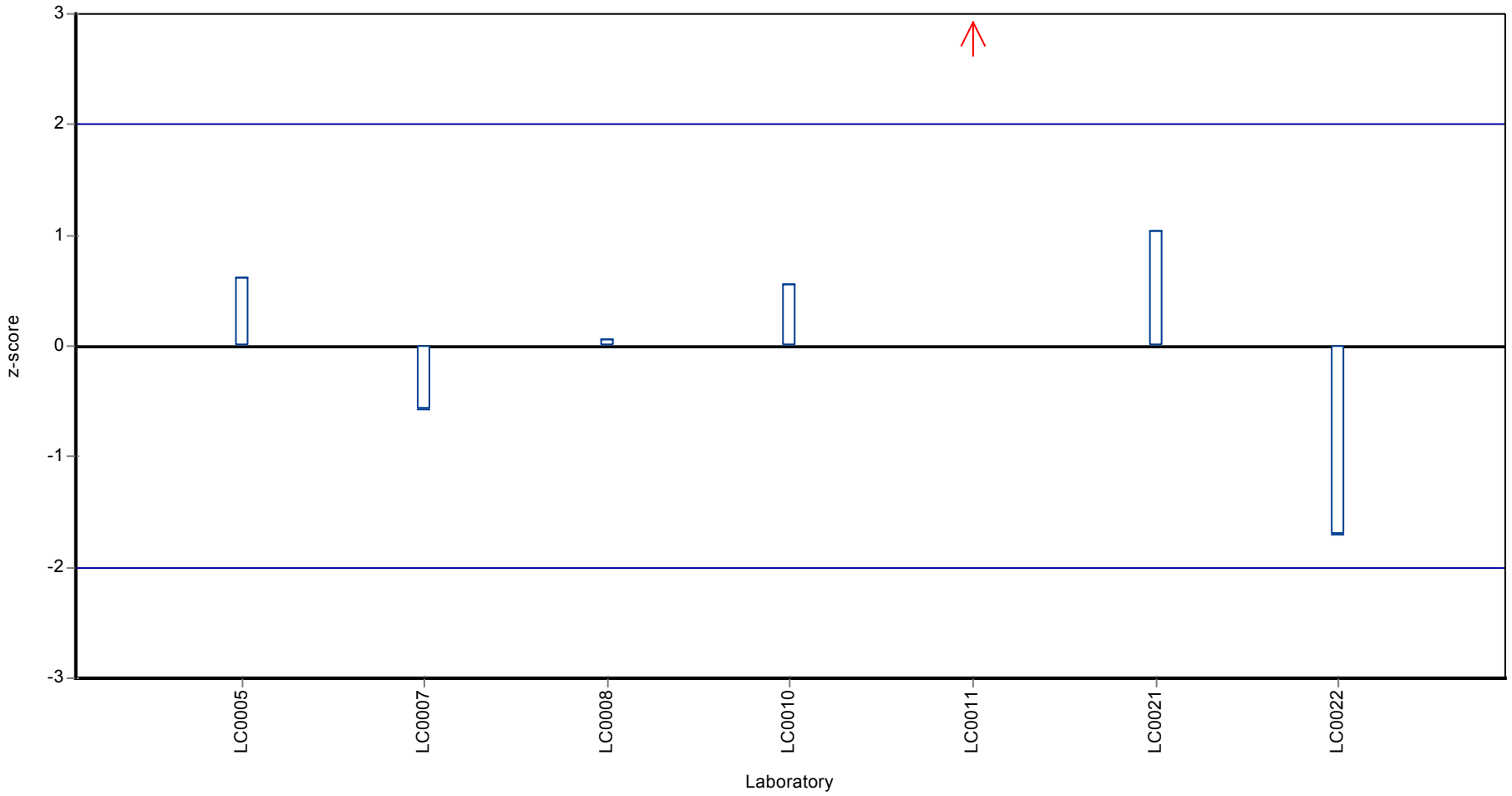
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0010
LC0011
LC0021
LC0022
Laboratory

Parameter oriented report

PM02 A

Flufenacet oxanilic acid (Flufenacet-OA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

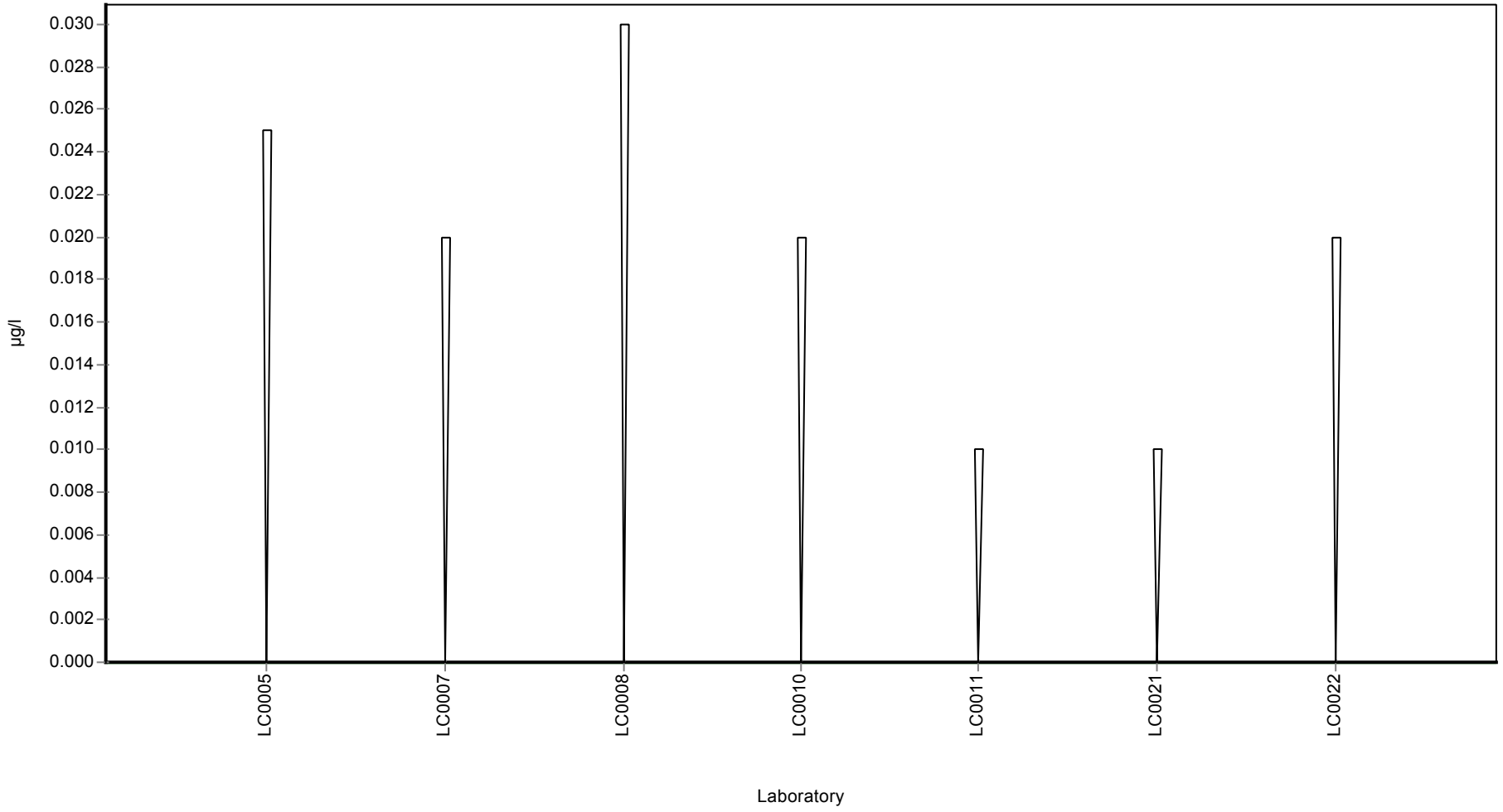
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Flufenacet oxanilic acid (Flufenacet-OA)

Unit	µg/l
Mean ± CI (99%)	0.191 ± 0.0874
Minimum - Maximum	0.039 - 0.275
Control test value ± U	0.237 ± 0.0355

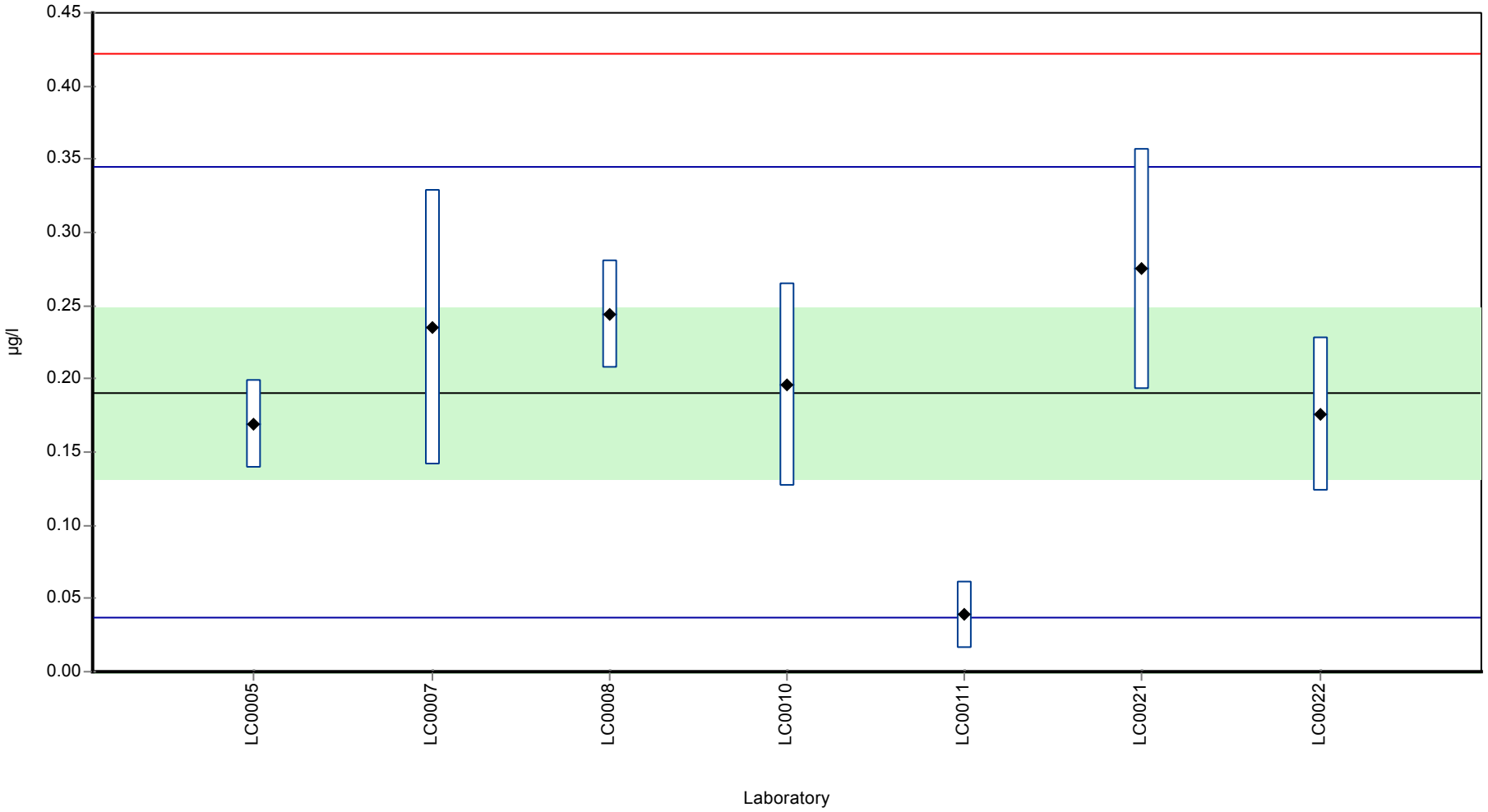
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.169	0.0304	88.7	-0.28	
LC0006	-	-	-	-	
LC0007	0.235	0.094	123	0.58	
LC0008	0.244	0.037	128	0.69	
LC0009	-	-	-	-	
LC0010	0.196	0.069	103	0.07	
LC0011	0.039	0.023	20.5	-1.97	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.275	0.0825	144	1.1	
LC0022	0.176	0.0528	92.4	-0.19	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

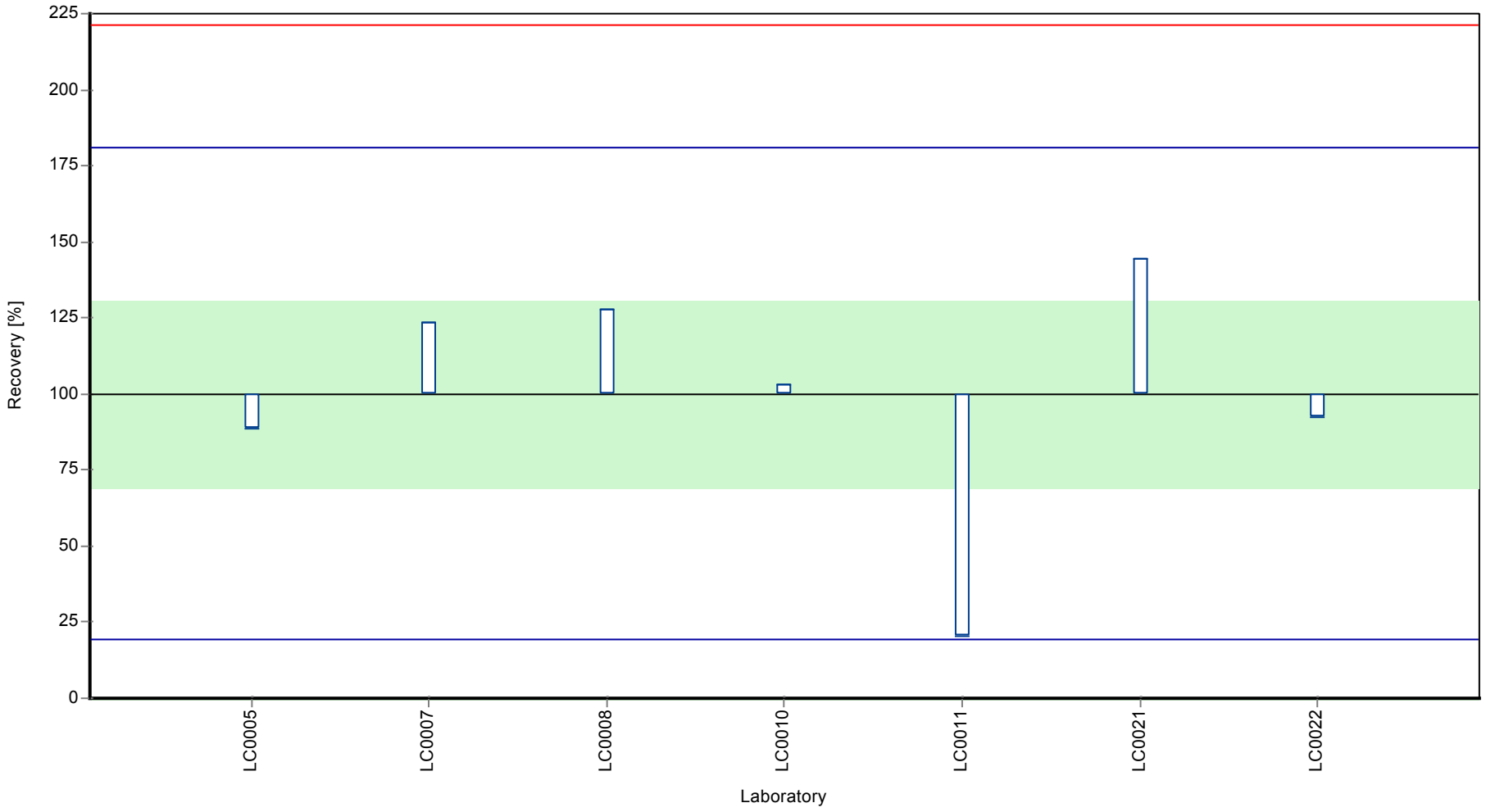
	all results	without outliers	Unit
Mean ± CI (99%)	0.191 ± 0.0874	0.191 ± 0.0874	µg/l
Minimum	0.039	0.039	µg/l
Maximum	0.275	0.275	µg/l
Standard deviation	0.0771	0.0771	µg/l
rel. Standard deviation	40.4	40.4	%
n	7	7	-

Graphical presentation of results

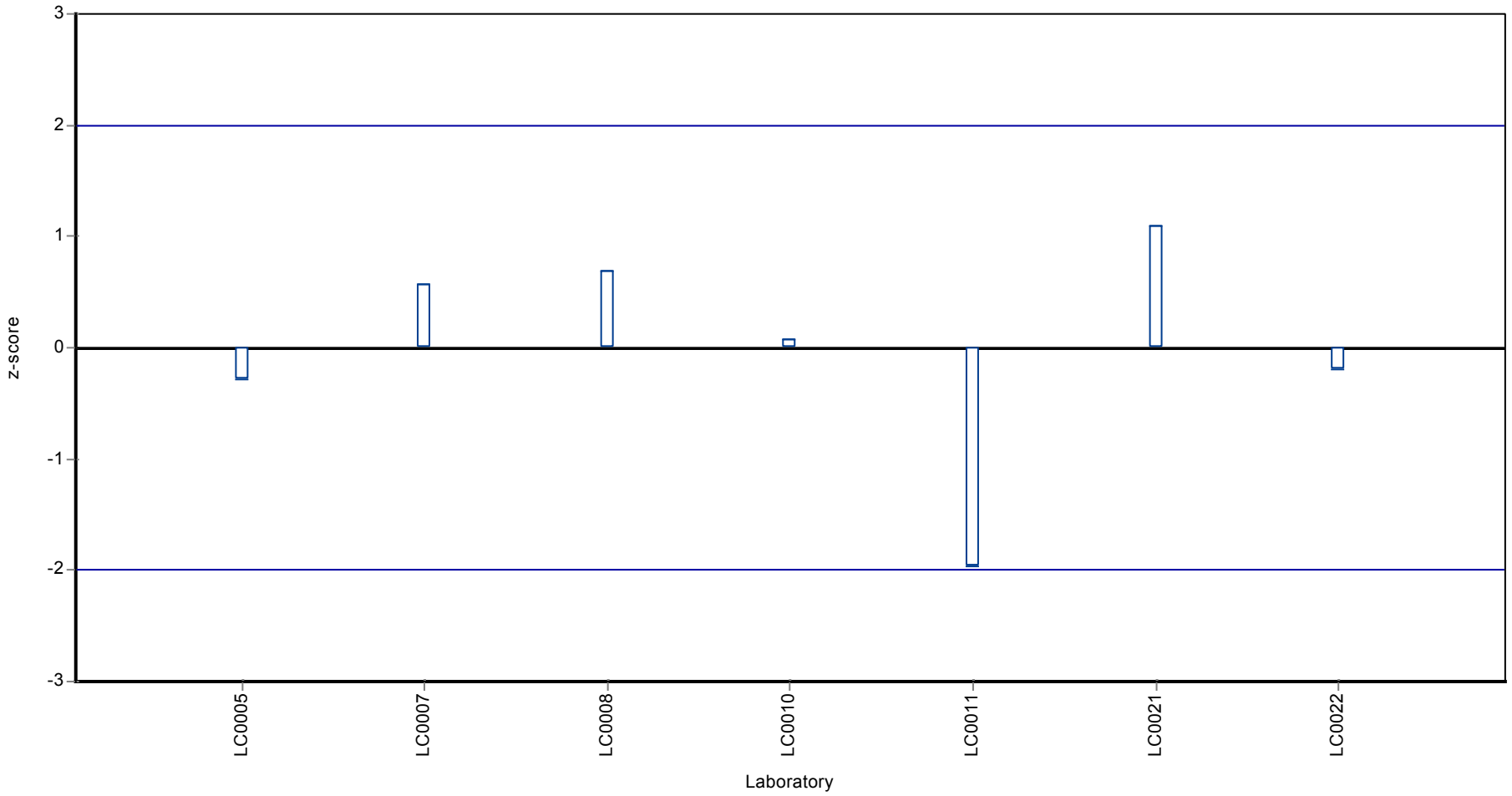
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0010
LC0011
LC0021
LC0022
Laboratory

Parameter oriented report

PM02 A

Glufosinate

Unit	µg/l
Mean ± CI (99%)	0.148 ± 0.0493
Minimum - Maximum	0.088 - 0.215
Control test value ± U	0.114 ± 0.0343

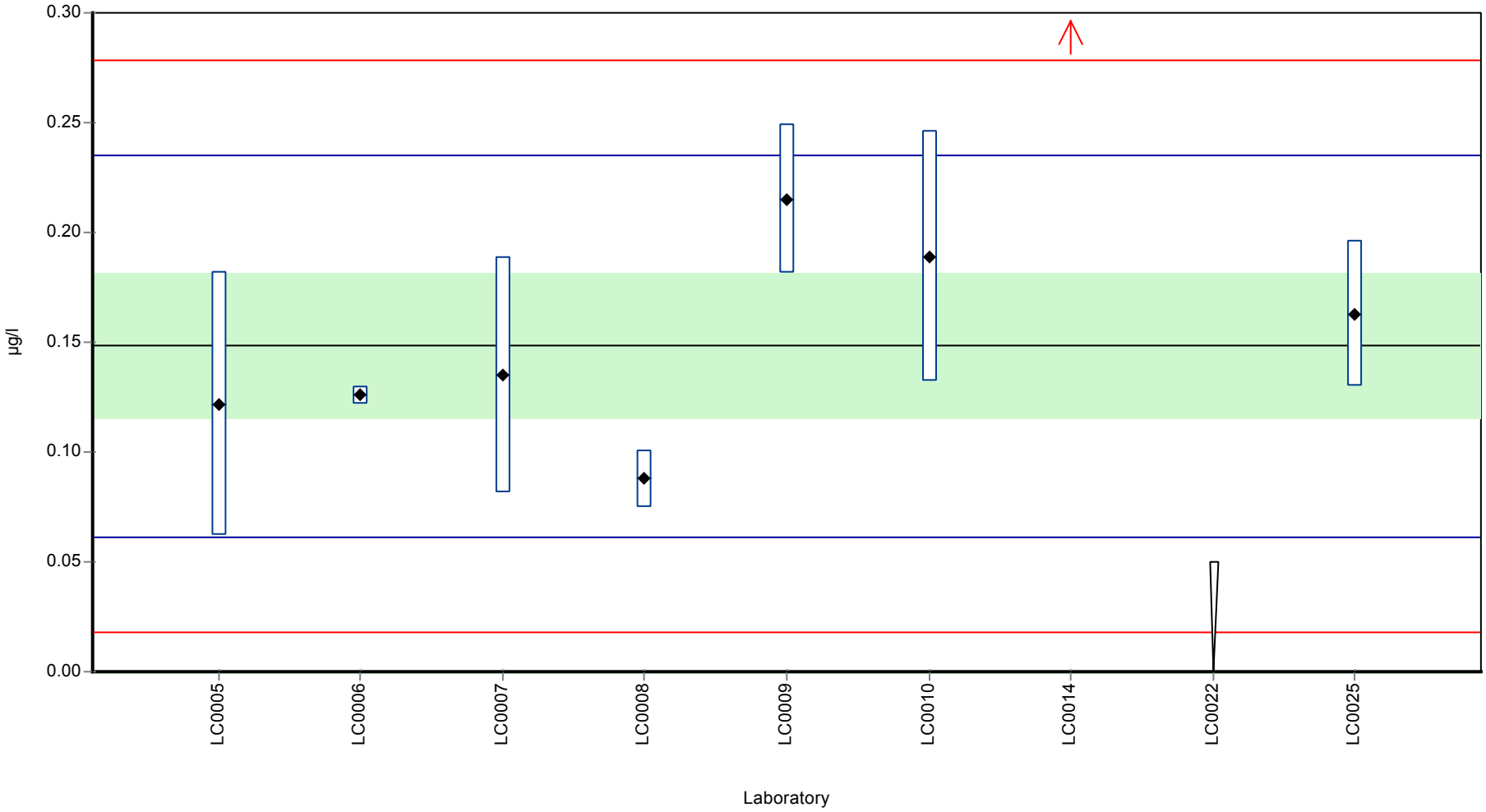
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.122	0.0598	82.3	-0.6	
LC0006	0.126	0.004	85	-0.51	
LC0007	0.135	0.054	91	-0.31	
LC0008	0.088	0.013	59.3	-1.39	
LC0009	0.215	0.034	145	1.54	
LC0010	0.189	0.057	127	0.94	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.468	0.21	316	7.36	H
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.05 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.163	0.033	110	0.34	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.188 ± 0.127	0.148 ± 0.0493	µg/l
Minimum	0.088	0.088	µg/l
Maximum	0.468	0.215	µg/l
Standard deviation	0.12	0.0434	µg/l
rel. Standard deviation	63.7	29.3	%
n	8	7	-

Graphical presentation of results

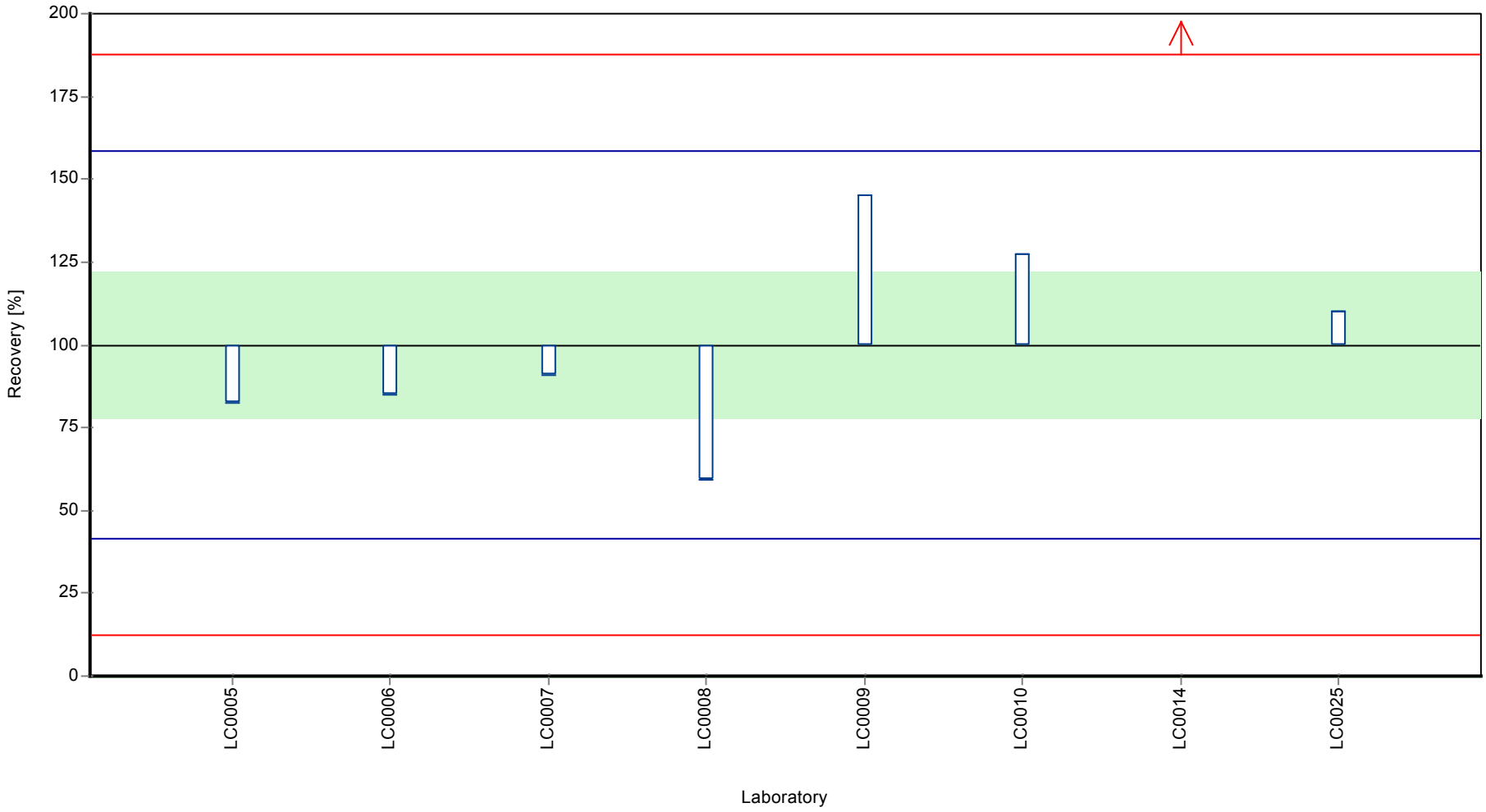
Results



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Glufosinate

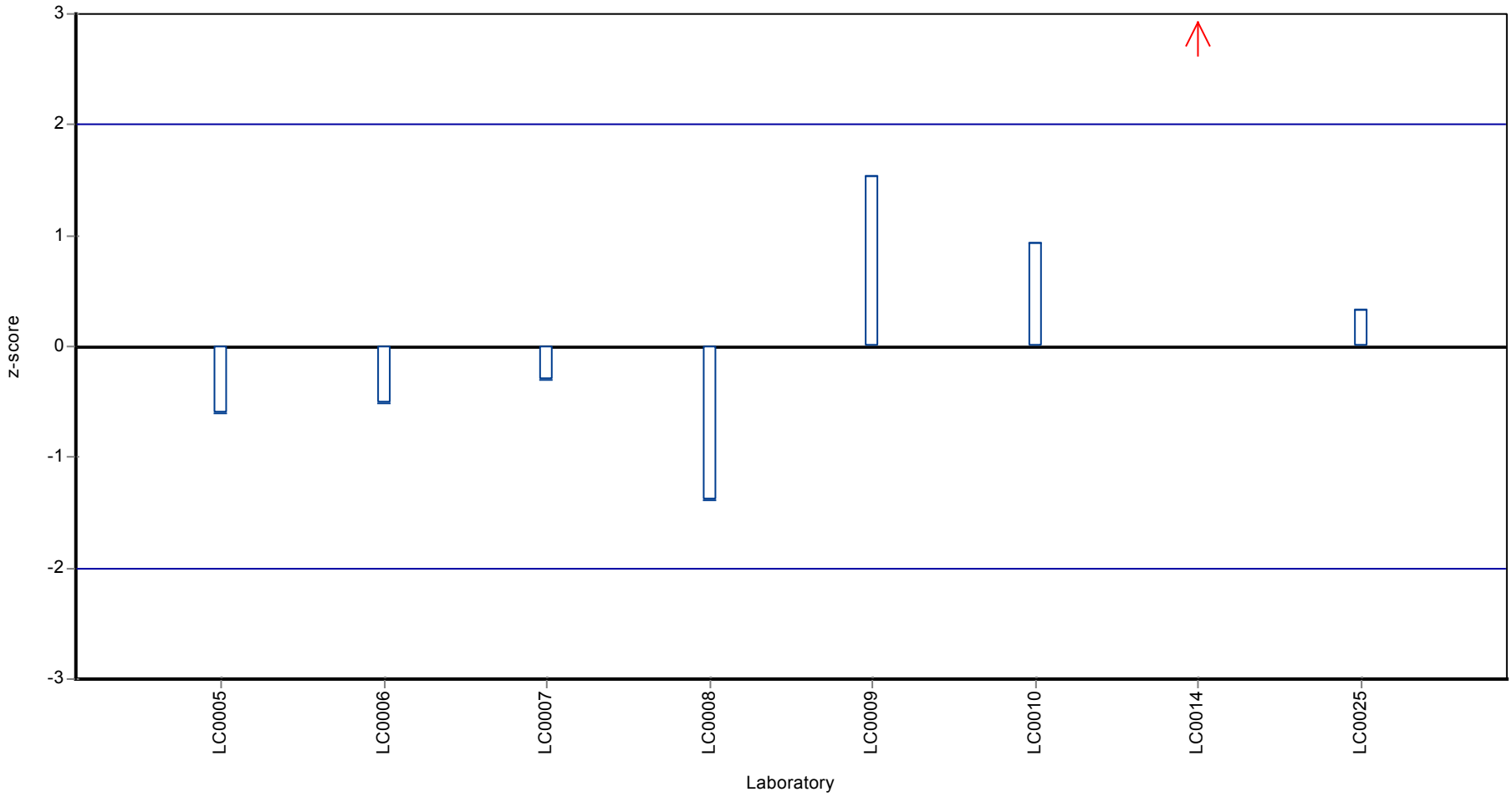
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Glufosinate

Z-score



Parameter oriented report

PM02 B

Glufosinate

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.03 (LOD)

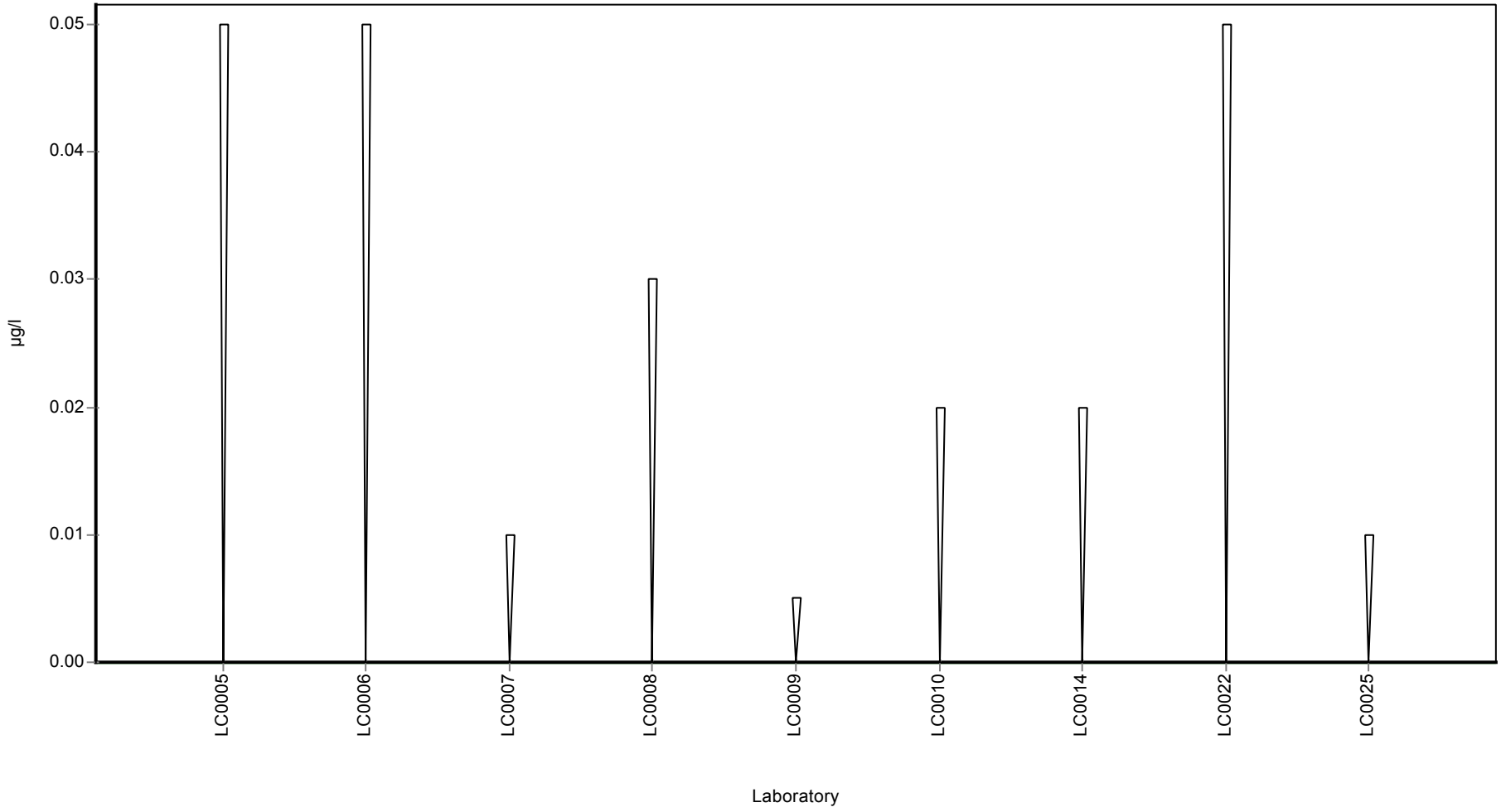
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	< 0.05 (LOQ)	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	< 0.02 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.05 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Glyphosate

Unit	µg/l
Mean ± CI (99%)	0.366 ± 0.0555
Minimum - Maximum	0.27 - 0.441
Control test value ± U	0.388 ± 0.116

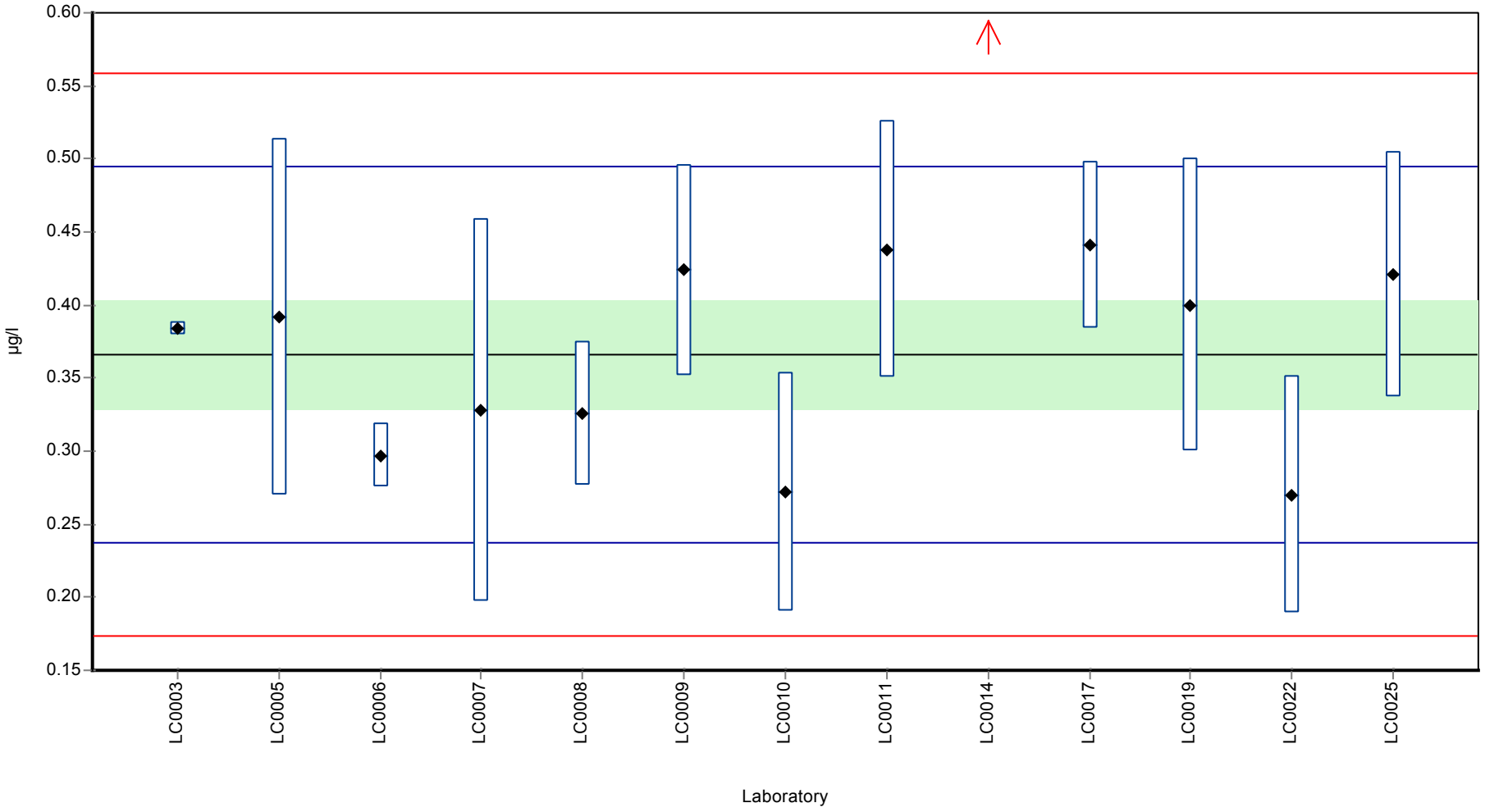
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.384	0.004	105	0.28	
LC0004	-	-	-	-	
LC0005	0.392	0.122	107	0.4	
LC0006	0.297	0.022	81.1	-1.08	
LC0007	0.328	0.131	89.6	-0.59	
LC0008	0.326	0.049	89.1	-0.63	
LC0009	0.424	0.072	116	0.9	
LC0010	0.272	0.082	74.3	-1.47	
LC0011	0.438	0.0876	120	1.12	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	2.11	0.8	576	27.2	H
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.441	0.057	120	1.17	
LC0018	-	-	-	-	
LC0019	0.4	0.1	109	0.53	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.27	0.081	73.8	-1.5	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.421	0.084	115	0.86	
LC0026	-	-	-	-	

Characteristics of parameter

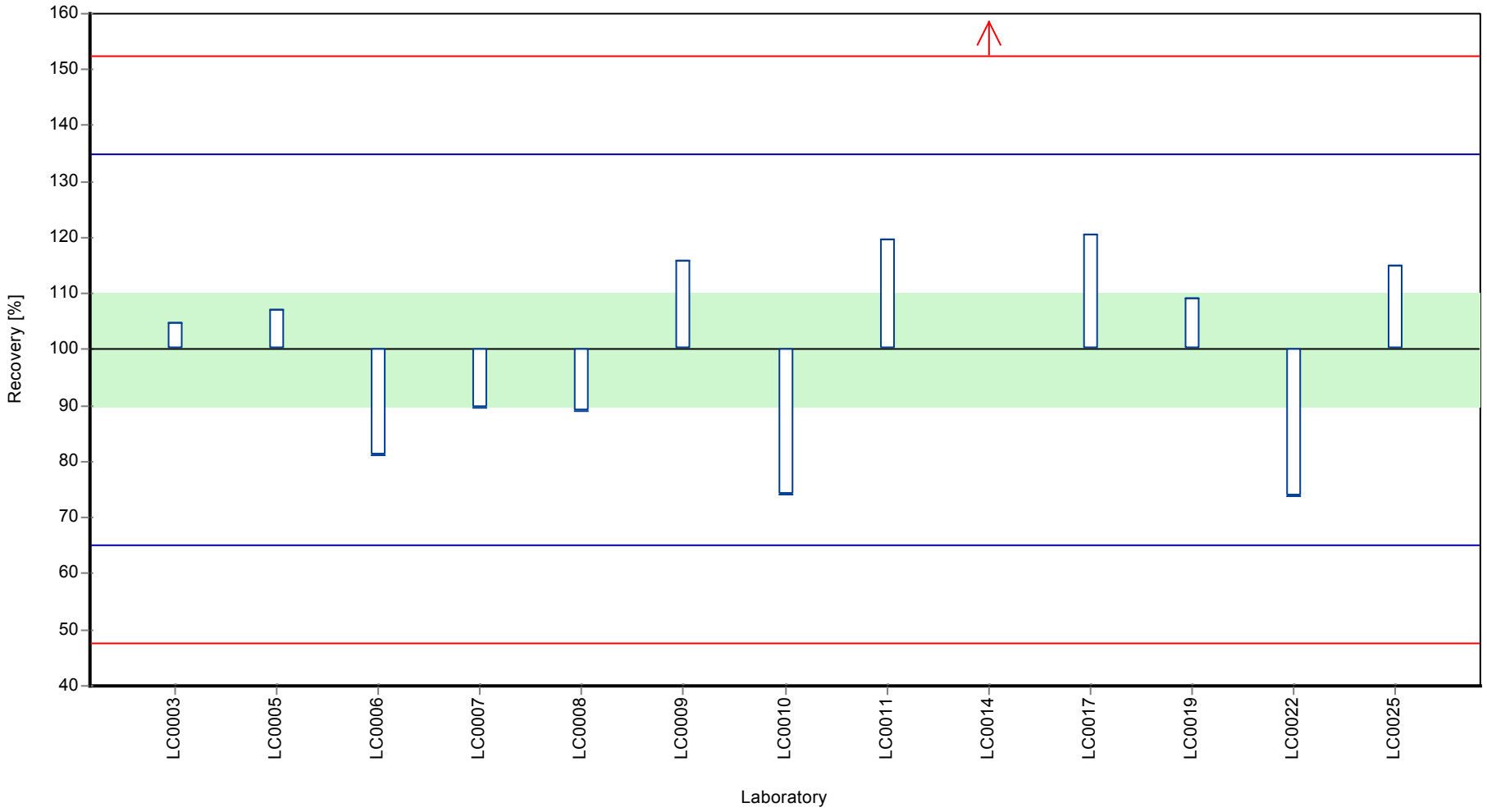
	all results	without outliers	Unit
Mean ± CI (99%)	0.5 ± 0.406	0.366 ± 0.0555	µg/l
Minimum	0.27	0.27	µg/l
Maximum	2.11	0.441	µg/l
Standard deviation	0.488	0.0641	µg/l
rel. Standard deviation	97.5	17.5	%
n	13	12	-

Graphical presentation of results

Results



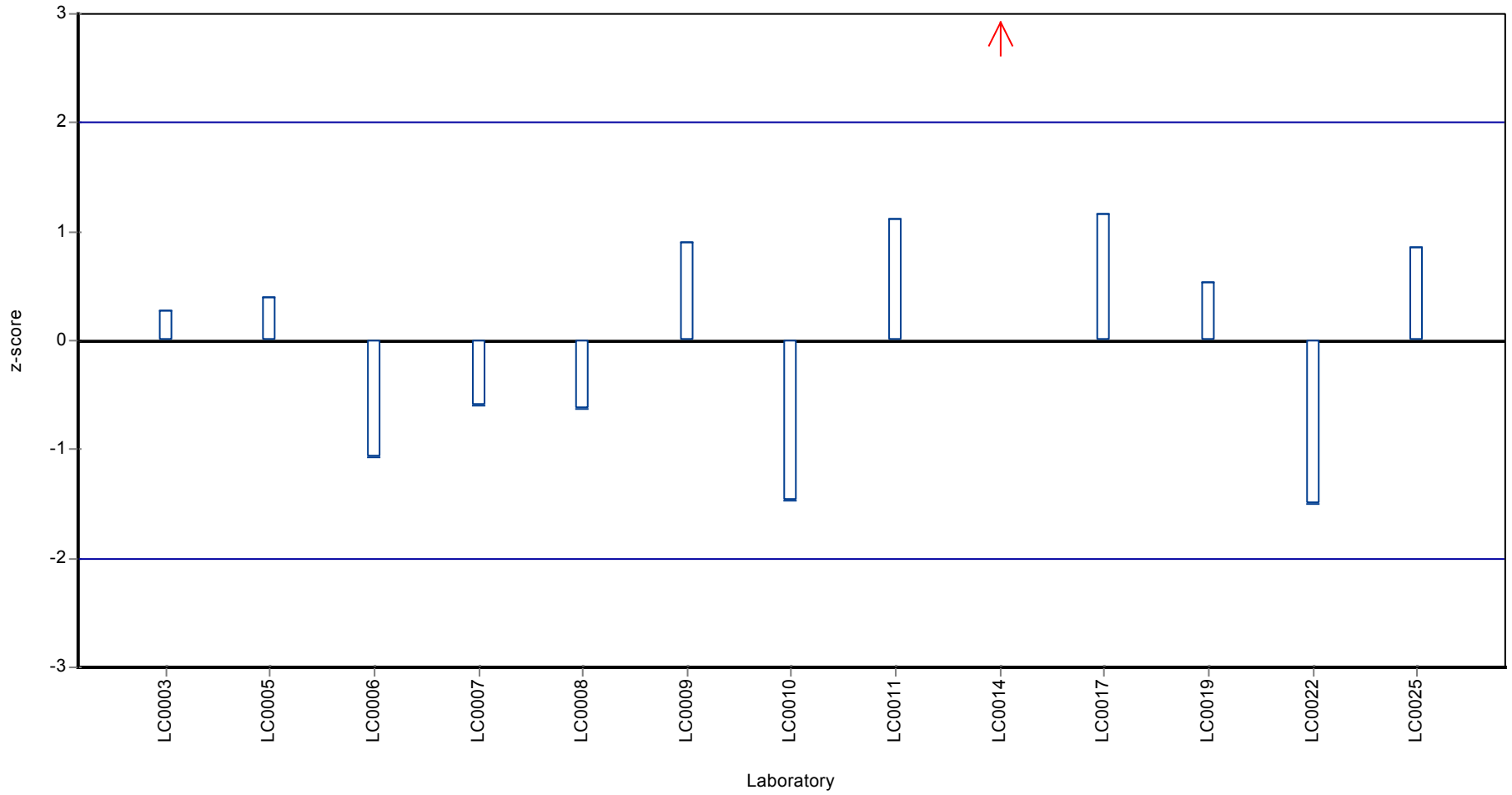
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Glyphosate

Z-score



Parameter oriented report

PM02 B

Glyphosate

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.03 (LOD)

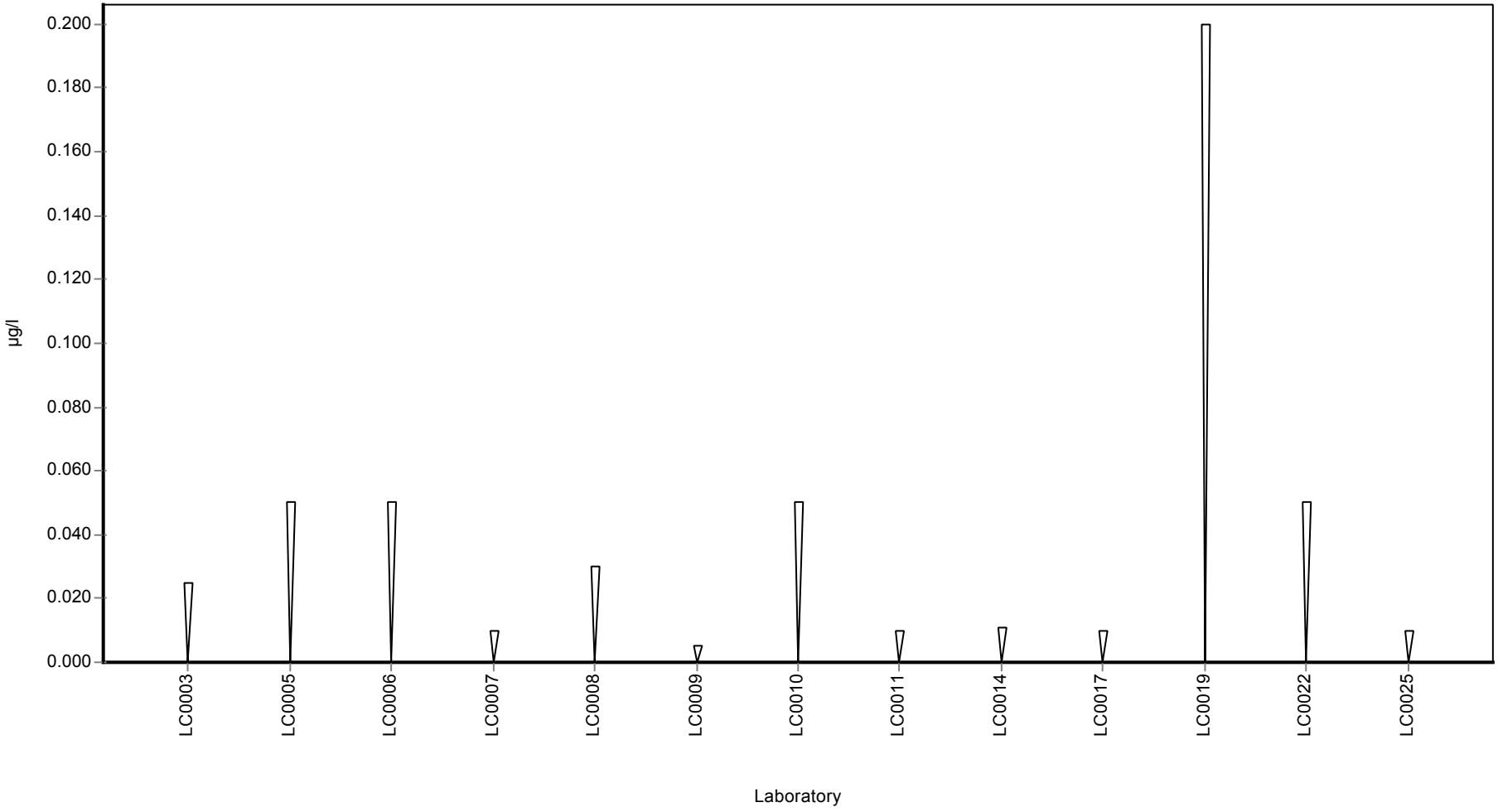
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.025 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	< 0.05 (LOQ)	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.05 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	< 0.011 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	<0.01 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.2 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.05 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Heptachlor

Unit	µg/l
Mean ± CI (99%)	0.0486 ± 0.0266
Minimum - Maximum	0.01 - 0.0864
Control test value ± U	0.0835 ± 0.0251

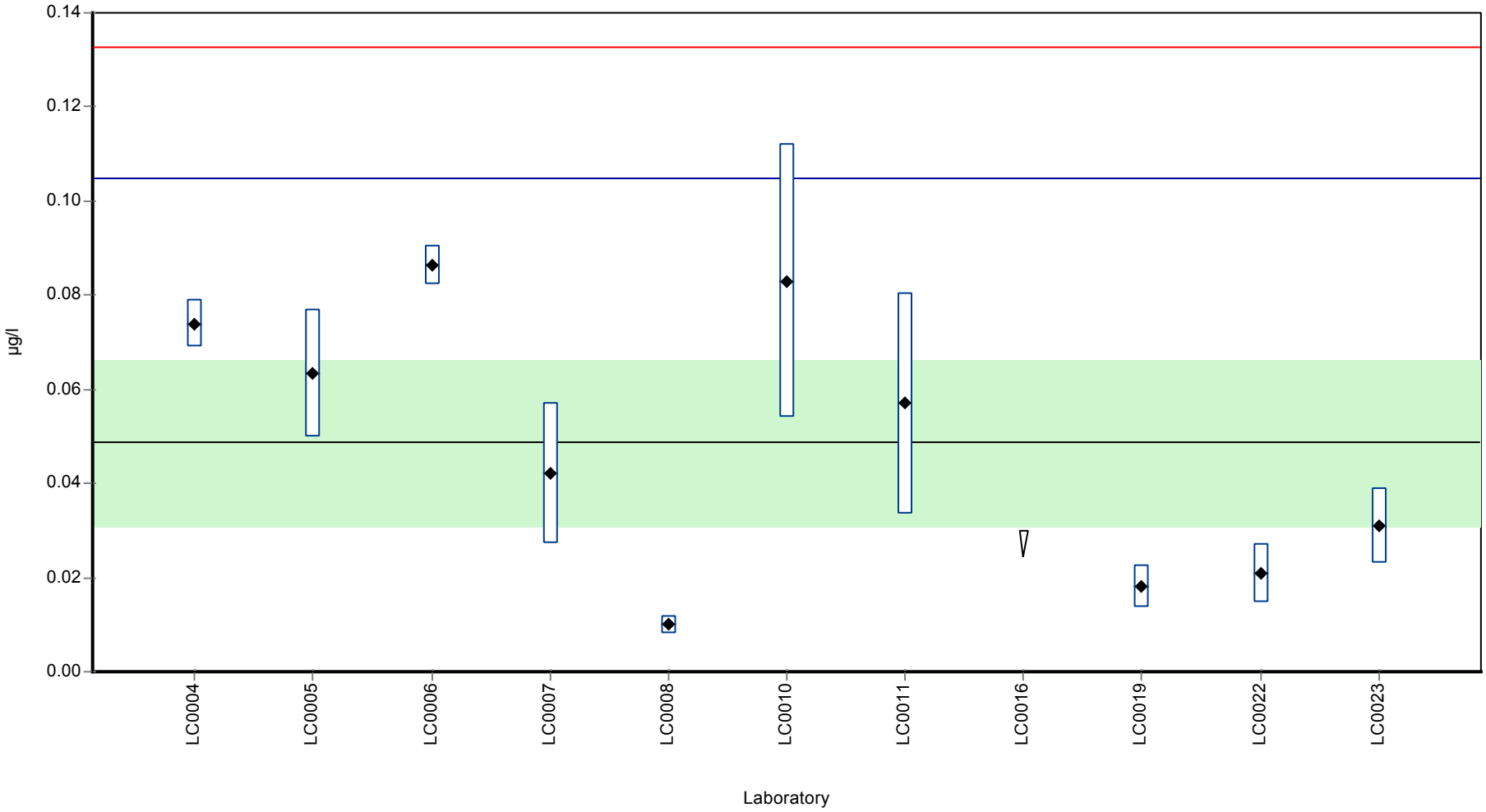
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.074	0.005	152	0.91	
LC0005	0.0635	0.0136	131	0.53	
LC0006	0.0864	0.0042	178	1.35	
LC0007	0.042	0.015	86.4	-0.23	
LC0008	0.01	0.002	20.6	-1.37	
LC0009	-	-	-	-	
LC0010	0.083	0.029	171	1.23	
LC0011	0.057	0.0234	117	0.3	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.03 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.018	0.0045	37	-1.09	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.021	0.0063	43.2	-0.98	
LC0023	0.031	0.008	63.8	-0.63	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

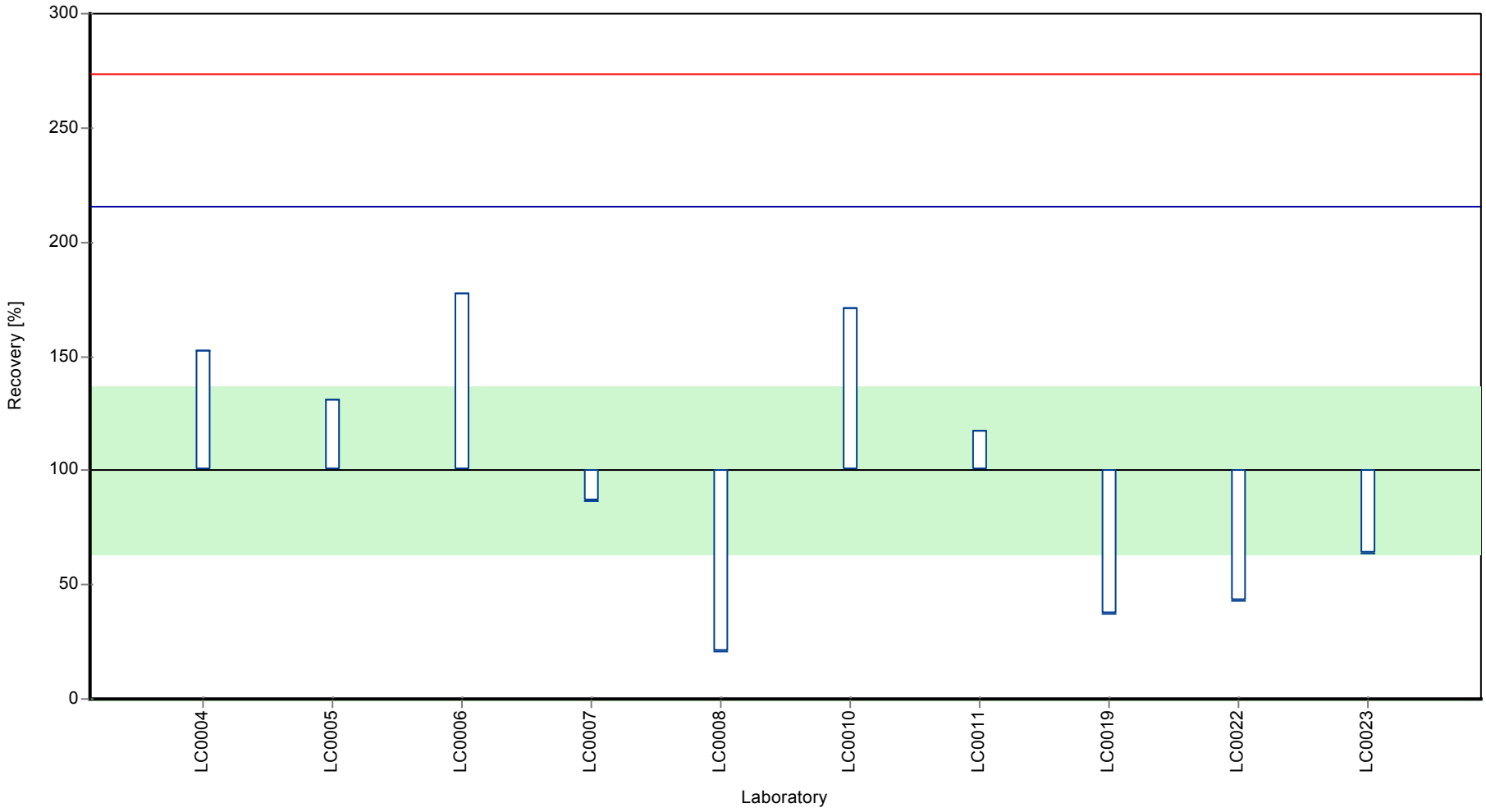
	all results	without outliers	Unit
Mean ± CI (99%)	0.0486 ± 0.0266	0.0486 ± 0.0266	µg/l
Minimum	0.01	0.01	µg/l
Maximum	0.0864	0.0864	µg/l
Standard deviation	0.0281	0.0281	µg/l
rel. Standard deviation	57.8	57.8	%
n	10	10	-

Graphical presentation of results

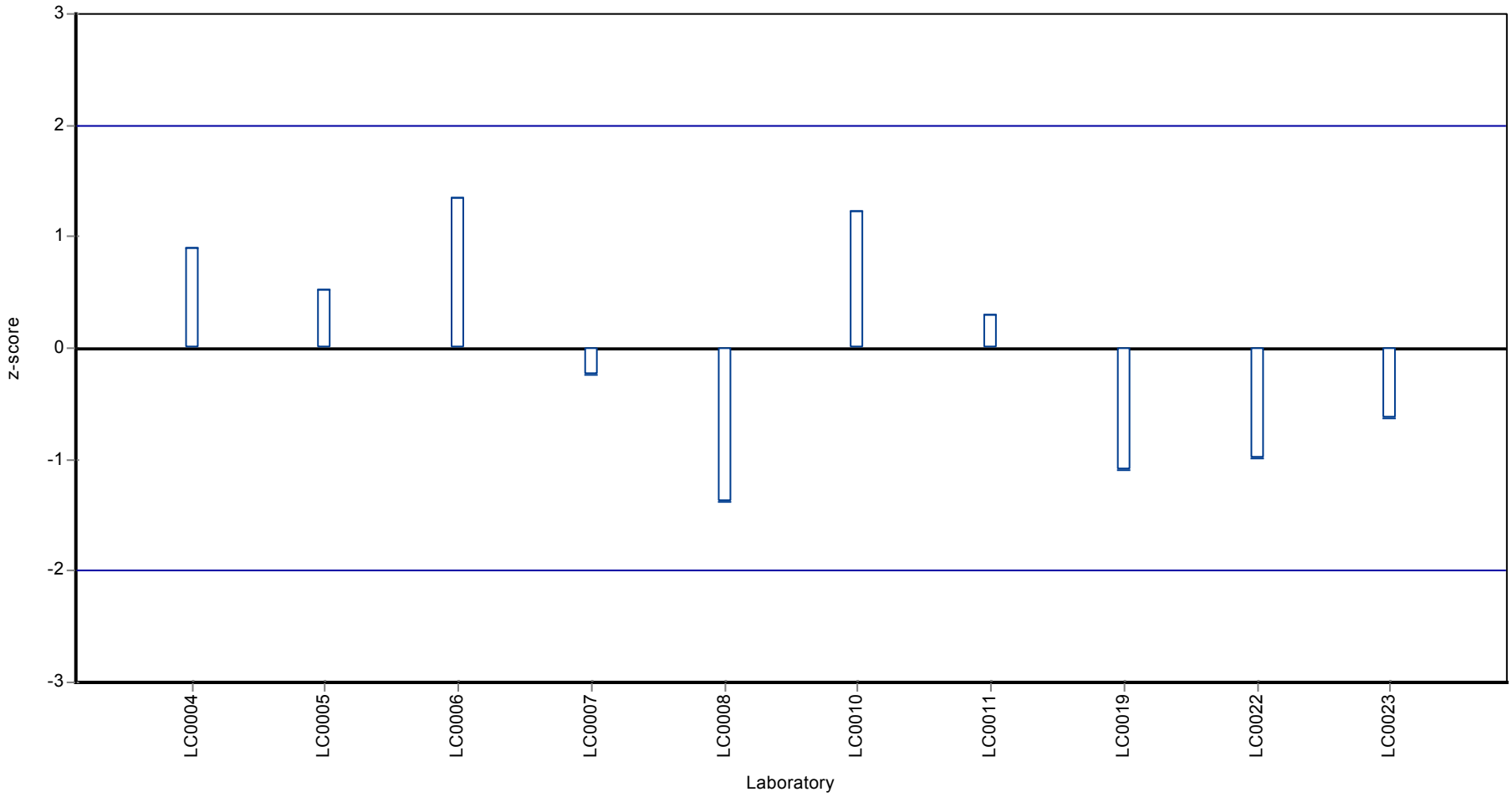
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0004
LC0005
LC0006
LC0007
LC0008
LC0010
LC0011
LC0019
LC0022
LC0023
Laboratory

Parameter oriented report

PM02 B

Heptachlor

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.0015 - 0.0015
Control test value ± U	<0.0025 (LOD)

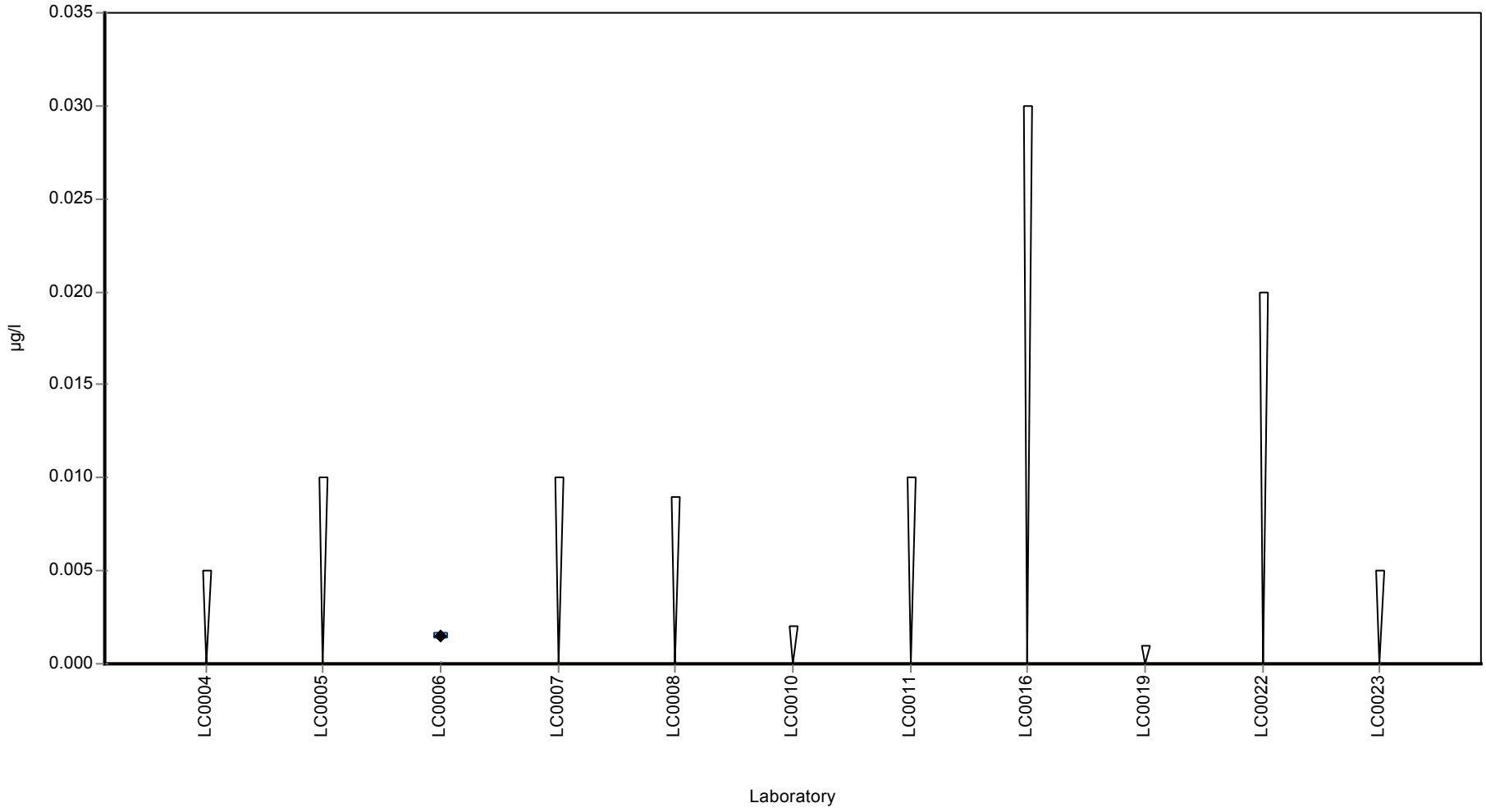
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.005 (LOQ)	-	-	-	
LC0005	< 0.01 (LOQ)	-	-	-	
LC0006	0.0015	0.0002	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	< 0.009 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.002 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.03 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.001 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	< 0.005 (LOQ)	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0015	-	µg/l
Minimum	0.0015	0.0015	µg/l
Maximum	0.0015	0.0015	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Heptachlor epoxid

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.018 - 0.037
Control test value ± U	<0.0025 (LOD)

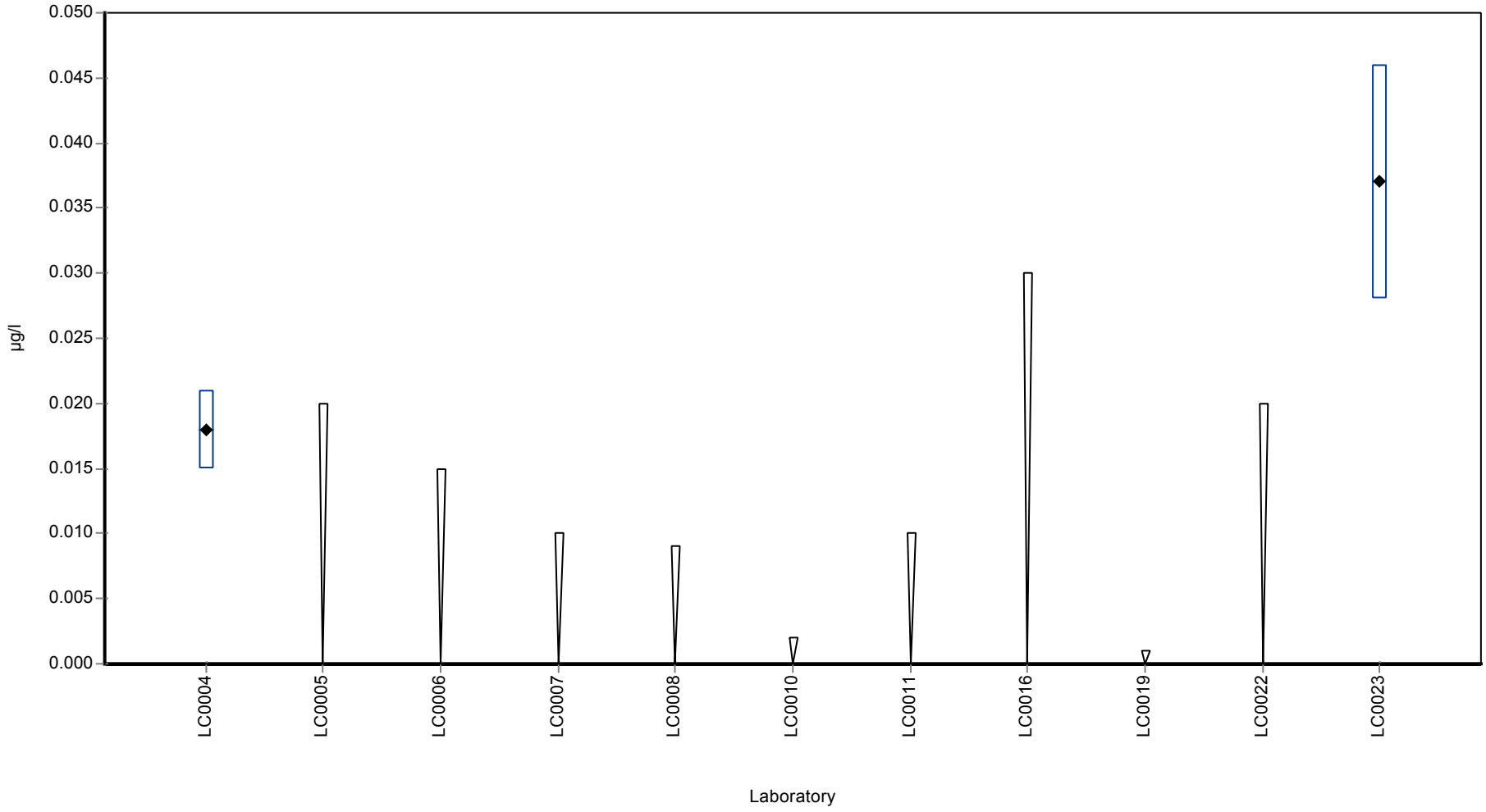
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.018	0.003	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	< 0.015 (LOQ)	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	< 0.009 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.002 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.03 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.001 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	0.037	0.009	-	-	FP
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0275 ± 0.0285	-	µg/l
Minimum	0.018	0.018	µg/l
Maximum	0.037	0.037	µg/l
Standard deviation	0.0134	-	µg/l
rel. Standard deviation	48.9	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Heptachlor epoxid

Unit	µg/l
Mean ± CI (99%)	0.185 ± 0.0222
Minimum - Maximum	0.148 - 0.209
Control test value ± U	0.208 ± 0.0625

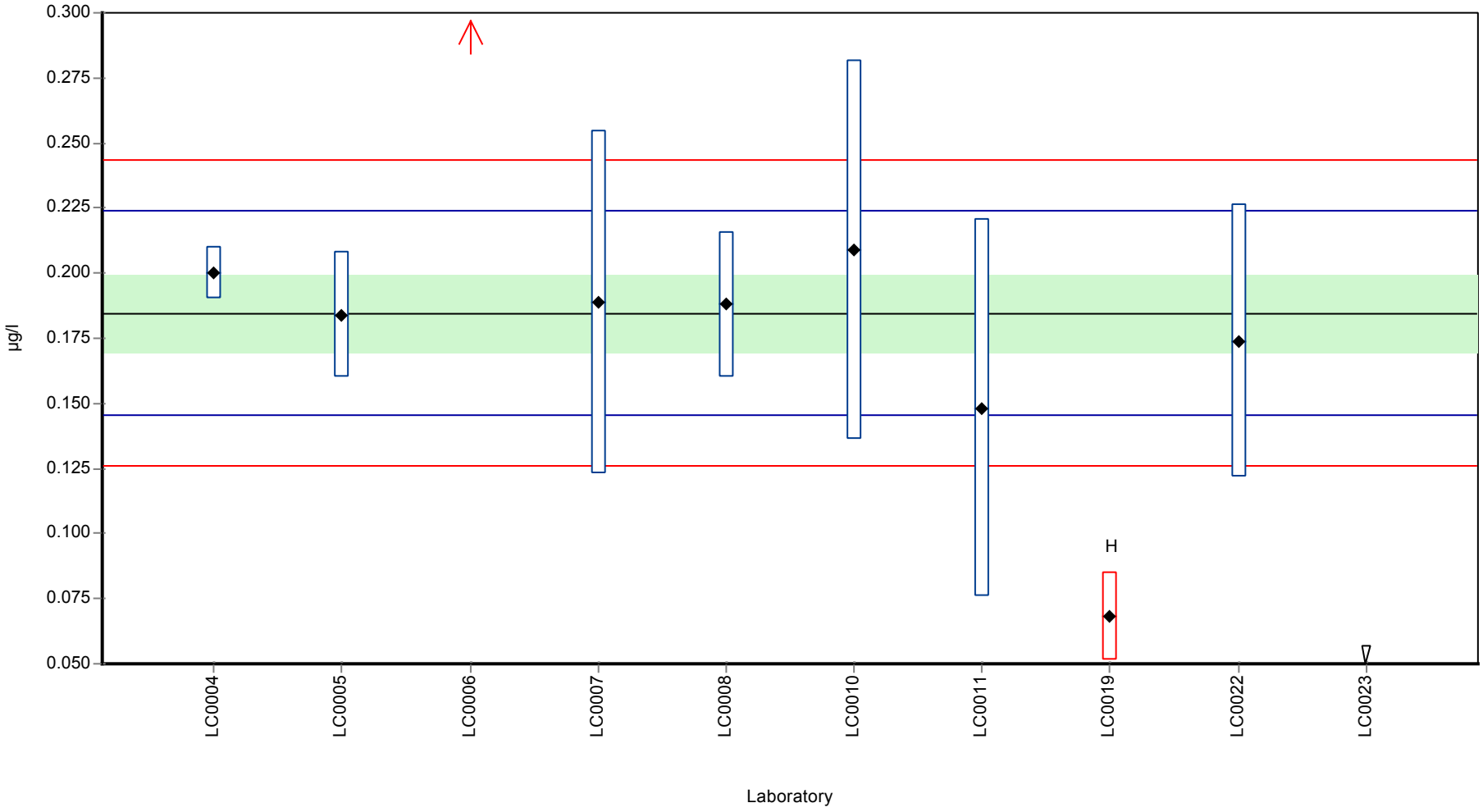
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.2	0.01	108	0.79	
LC0005	0.184	0.0242	99.7	-0.03	
LC0006	0.3471	0.0138	188	8.3	H
LC0007	0.189	0.066	102	0.23	
LC0008	0.188	0.028	102	0.17	
LC0009	-	-	-	-	
LC0010	0.209	0.073	113	1.25	
LC0011	0.1482	0.0726	80.3	-1.86	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.068	0.017	36.8	-5.95	H
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.174	0.0522	94.3	-0.54	
LC0023	< 0.005 (LOQ)	-	-	-	FN
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.19 ± 0.0725	0.185 ± 0.0222	µg/l
Minimum	0.068	0.148	µg/l
Maximum	0.347	0.209	µg/l
Standard deviation	0.0725	0.0196	µg/l
rel. Standard deviation	38.2	10.6	%
n	9	7	-

Graphical presentation of results

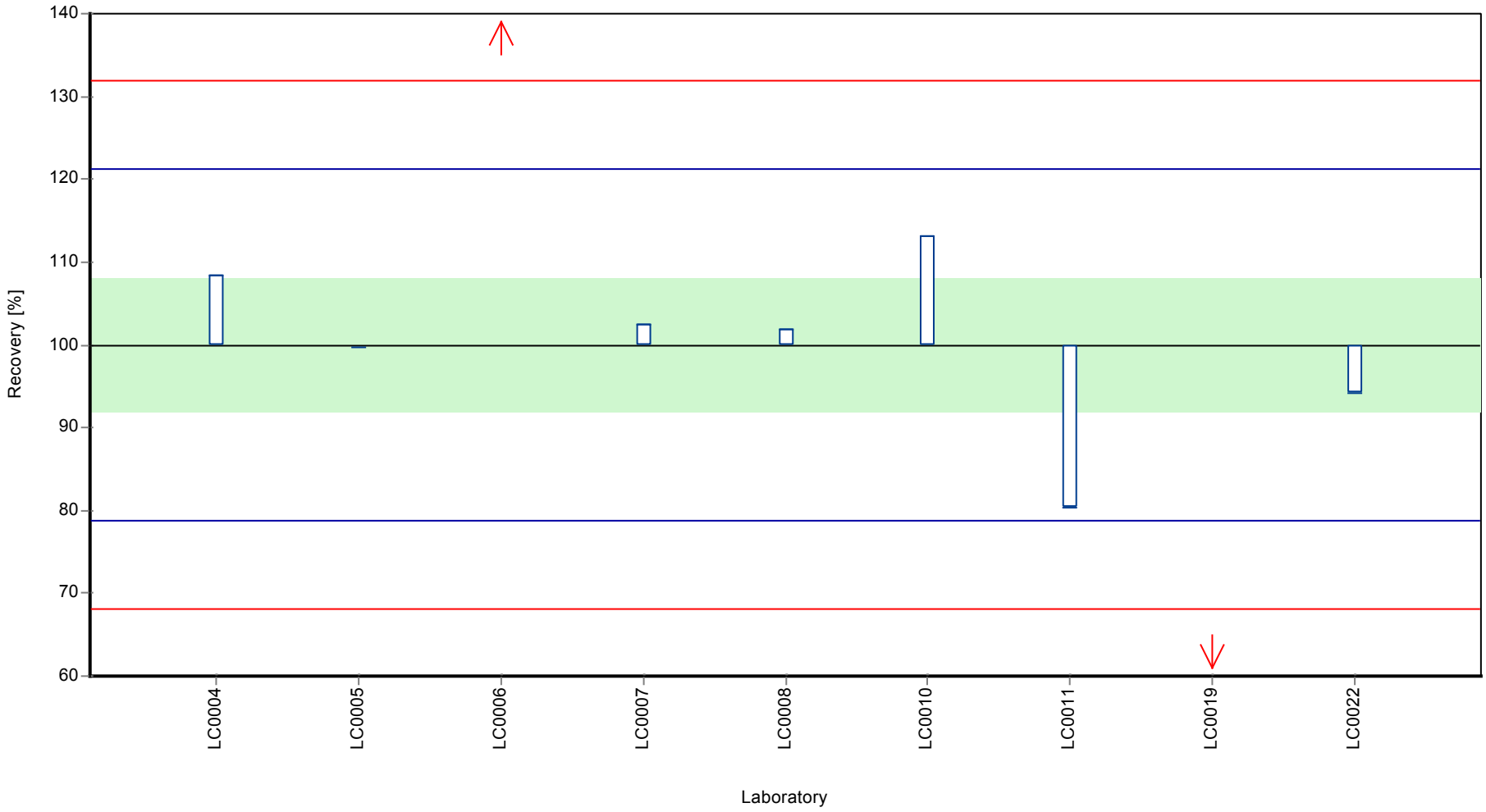
Results



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Heptachlor epoxid

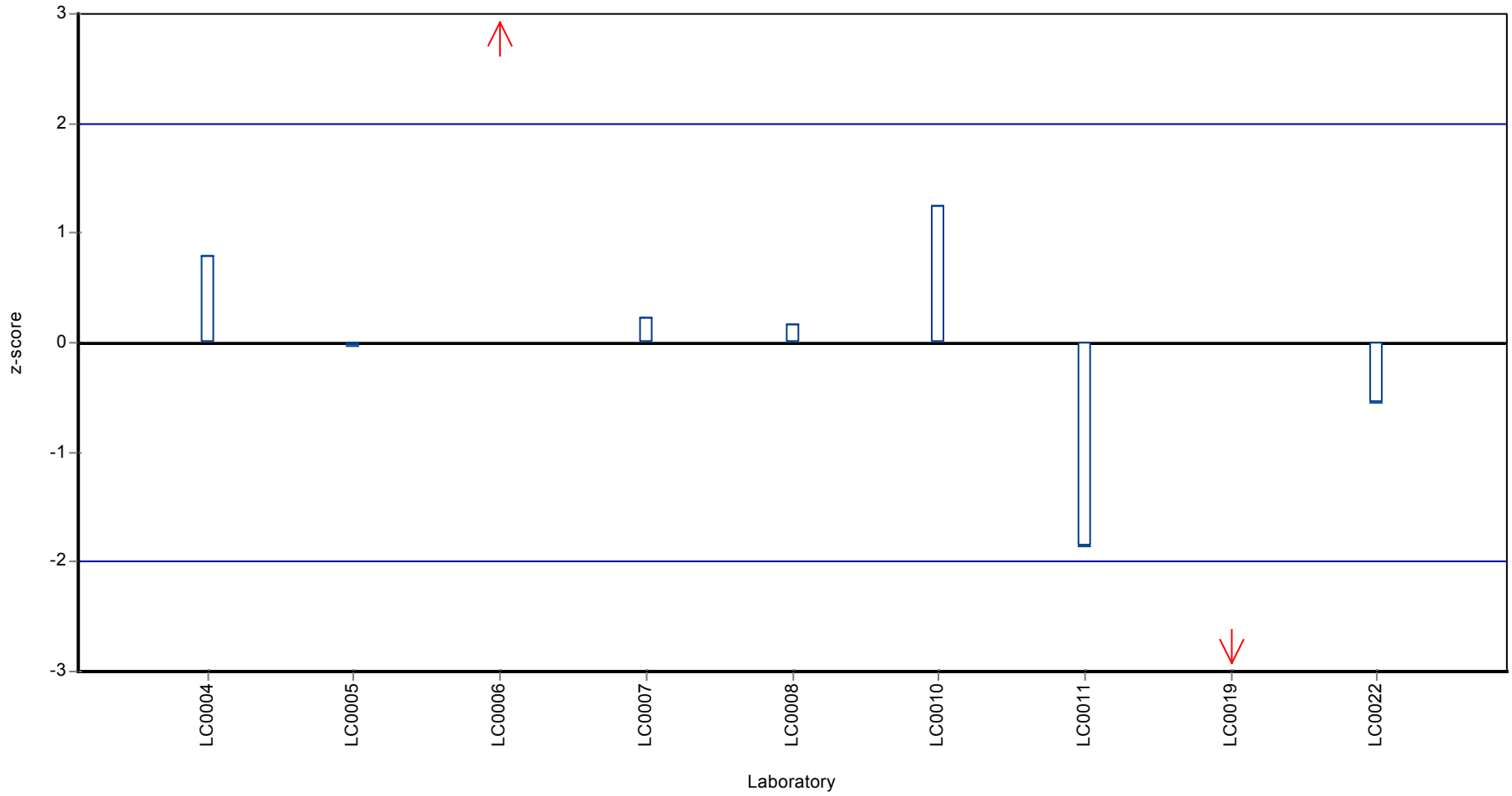
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Heptachlor epoxid

Z-score



Parameter oriented report

PM02 A

Hexazinone

Unit	µg/l
Mean ± CI (99%)	0.22 ± 0.0201
Minimum - Maximum	0.174 - 0.28
Control test value ± U	0.216 ± 0.0323

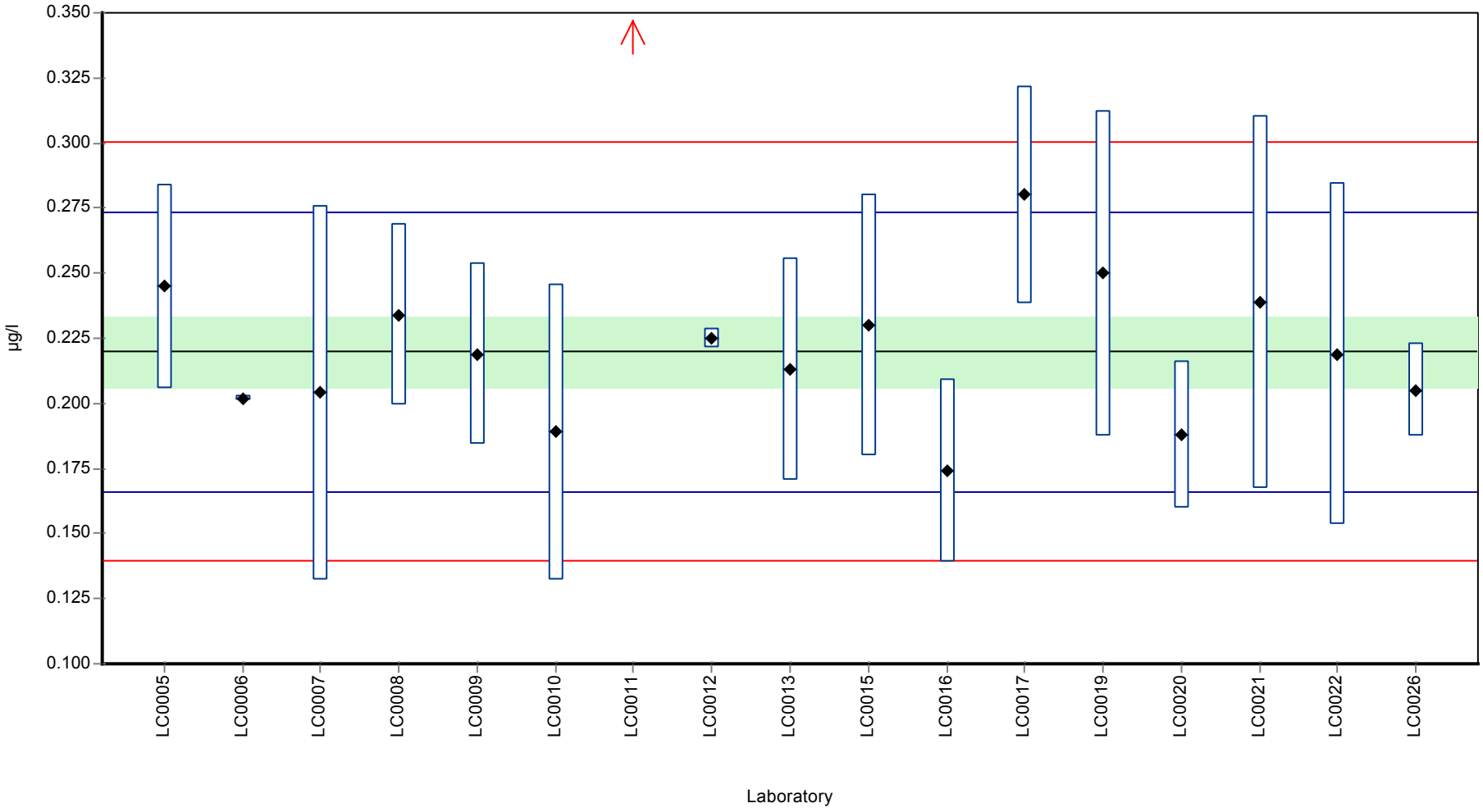
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.245	0.0393	111	0.94	
LC0006	0.202	0.001	91.9	-0.66	
LC0007	0.204	0.072	92.8	-0.59	
LC0008	0.234	0.035	106	0.53	
LC0009	0.219	0.035	99.7	-0.03	
LC0010	0.189	0.057	86	-1.15	
LC0011	0.822	0.493	374	22.5	H
LC0012	0.225	0.004	102	0.2	
LC0013	0.213	0.0426	96.9	-0.25	
LC0014	-	-	-	-	
LC0015	0.23	0.05	105	0.38	
LC0016	0.174	0.035	79.2	-1.71	
LC0017	0.28	0.042	127	2.25	
LC0018	-	-	-	-	
LC0019	0.25	0.0625	114	1.13	
LC0020	0.188	0.0282	85.6	-1.19	
LC0021	0.239	0.0717	109	0.72	
LC0022	0.219	0.0657	99.7	-0.03	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.205	0.018	93.3	-0.55	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.255 ± 0.108	0.22 ± 0.0201	µg/l
Minimum	0.174	0.174	µg/l
Maximum	0.822	0.28	µg/l
Standard deviation	0.148	0.0268	µg/l
rel. Standard deviation	58.1	12.2	%
n	17	16	-

Graphical presentation of results

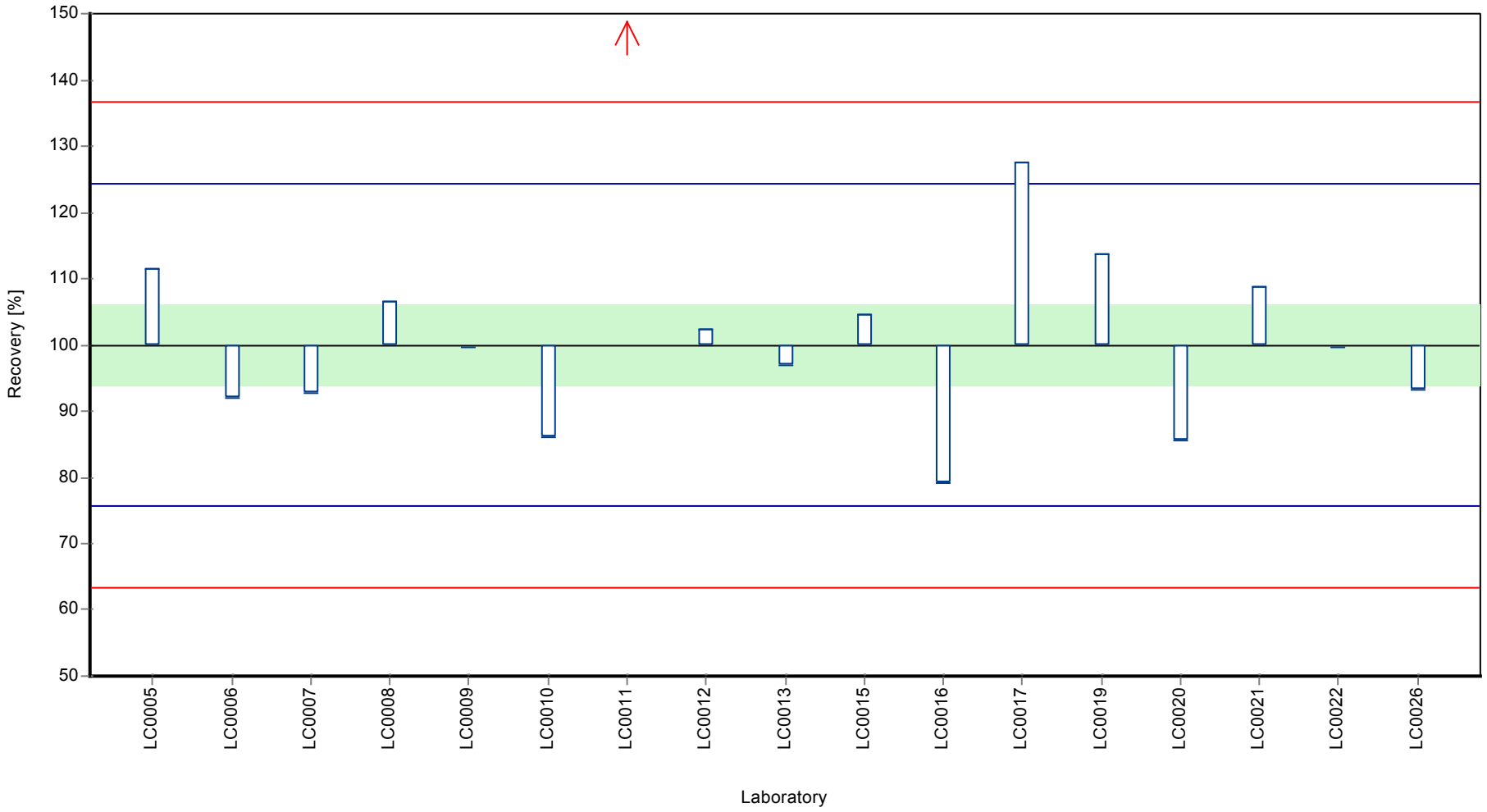
Results



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Hexazinone

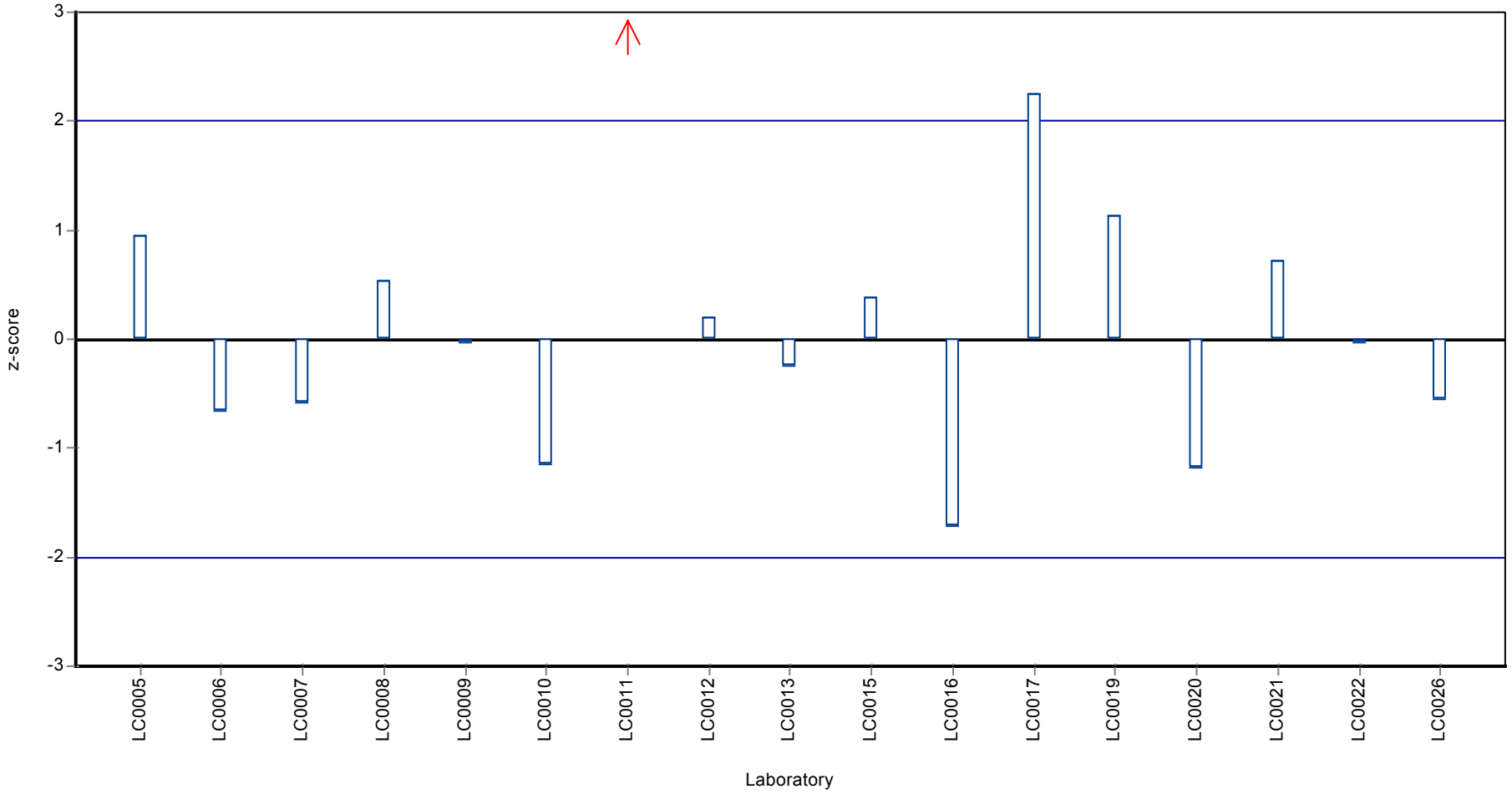
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Hexazinone

Z-score



Parameter oriented report

PM02 B

Hexazinone

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

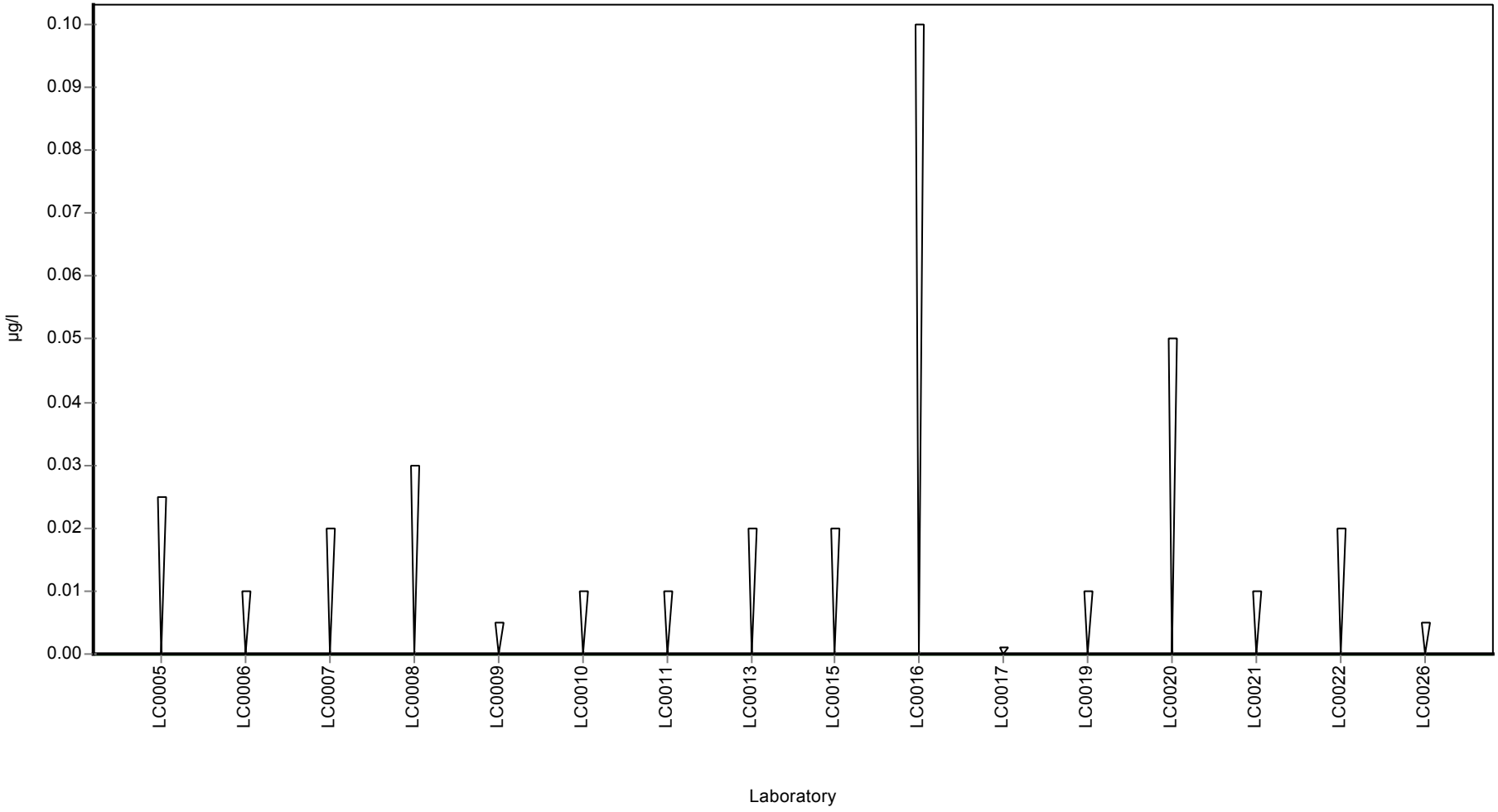
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	< 0.01 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.001 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	< 0.005 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Imidacloprid

Unit	µg/l
Mean ± CI (99%)	0.307 ± 0.0287
Minimum - Maximum	0.248 - 0.366
Control test value ± U	0.303 ± 0.0455

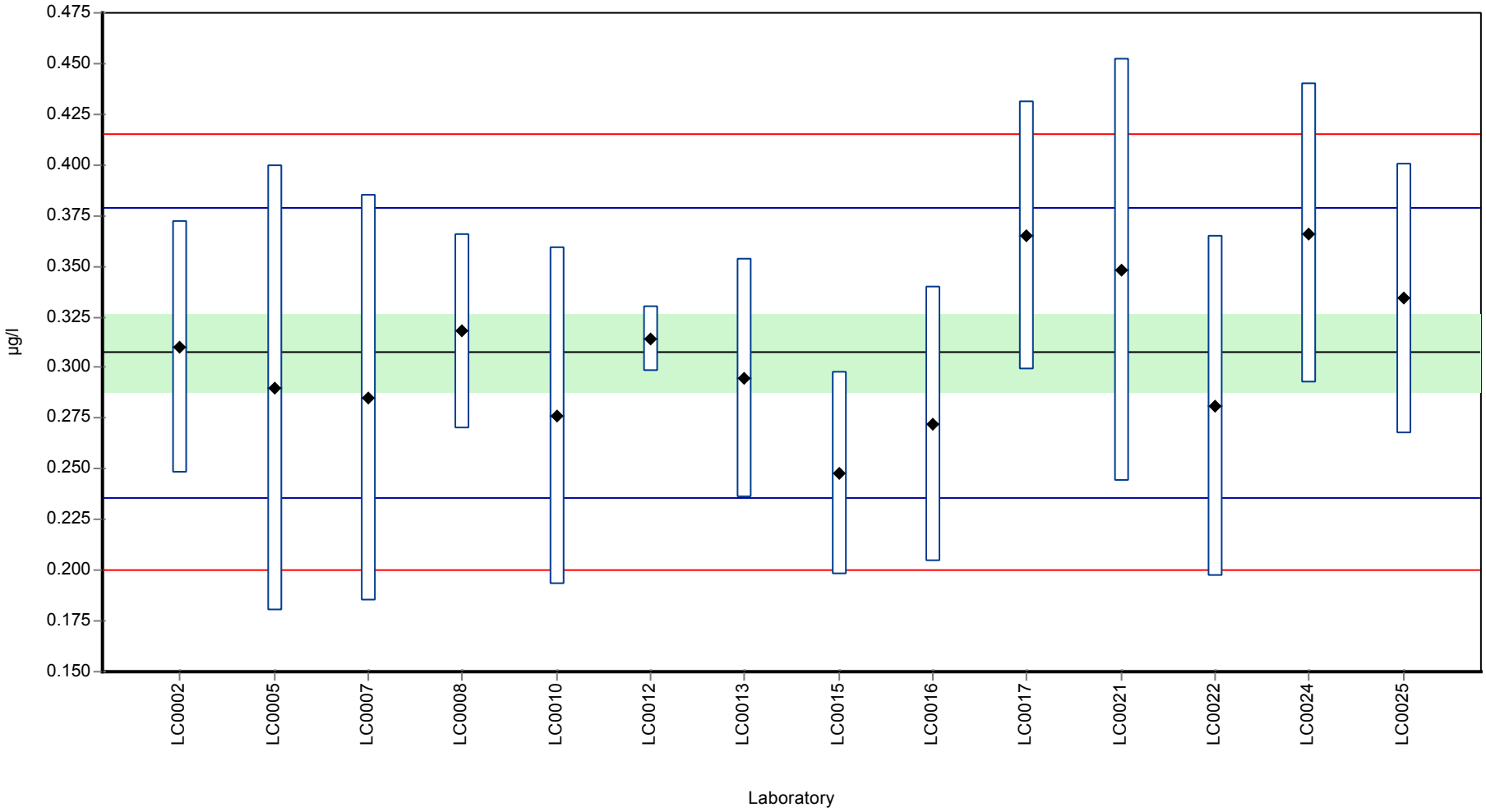
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.31	0.062	101	0.08	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.29	0.11	94.4	-0.48	
LC0006	-	-	-	-	
LC0007	0.285	0.1	92.7	-0.62	
LC0008	0.318	0.048	103	0.3	
LC0009	-	-	-	-	
LC0010	0.276	0.083	89.8	-0.87	
LC0011	-	-	-	-	
LC0012	0.314	0.016	102	0.19	
LC0013	0.295	0.059	96	-0.34	
LC0014	-	-	-	-	
LC0015	0.248	0.05	80.7	-1.65	
LC0016	0.272	0.068	88.5	-0.98	
LC0017	0.365	0.066	119	1.61	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.348	0.1044	113	1.14	
LC0022	0.281	0.0843	91.4	-0.73	
LC0023	-	-	-	-	
LC0024	0.366	0.074	119	1.64	
LC0025	0.334	0.067	109	0.75	
LC0026	-	-	-	-	

Characteristics of parameter

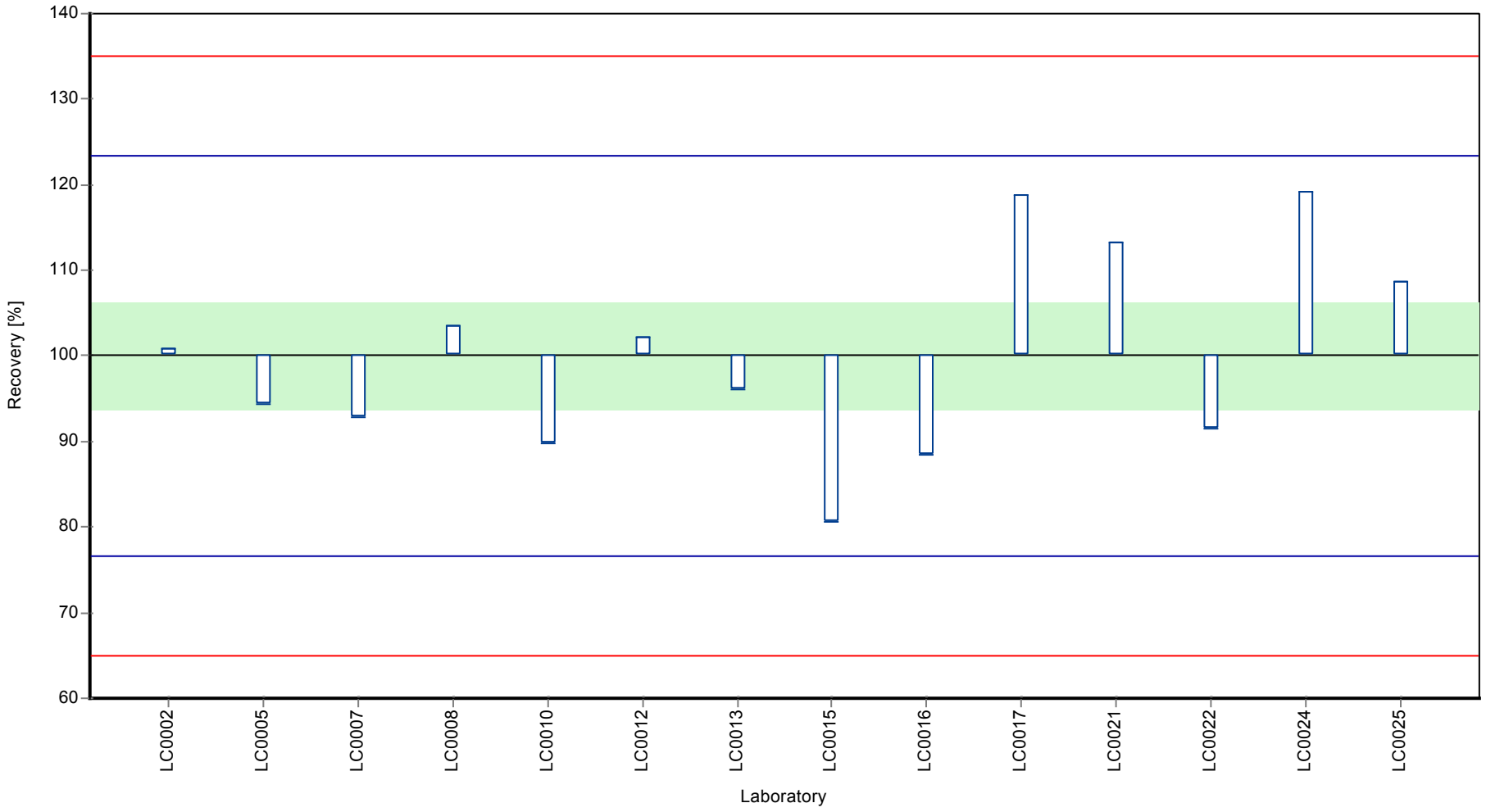
	all results	without outliers	Unit
Mean ± CI (99%)	0.307 ± 0.0287	0.307 ± 0.0287	µg/l
Minimum	0.248	0.248	µg/l
Maximum	0.366	0.366	µg/l
Standard deviation	0.0358	0.0358	µg/l
rel. Standard deviation	11.7	11.7	%
n	14	14	-

Graphical presentation of results

Results



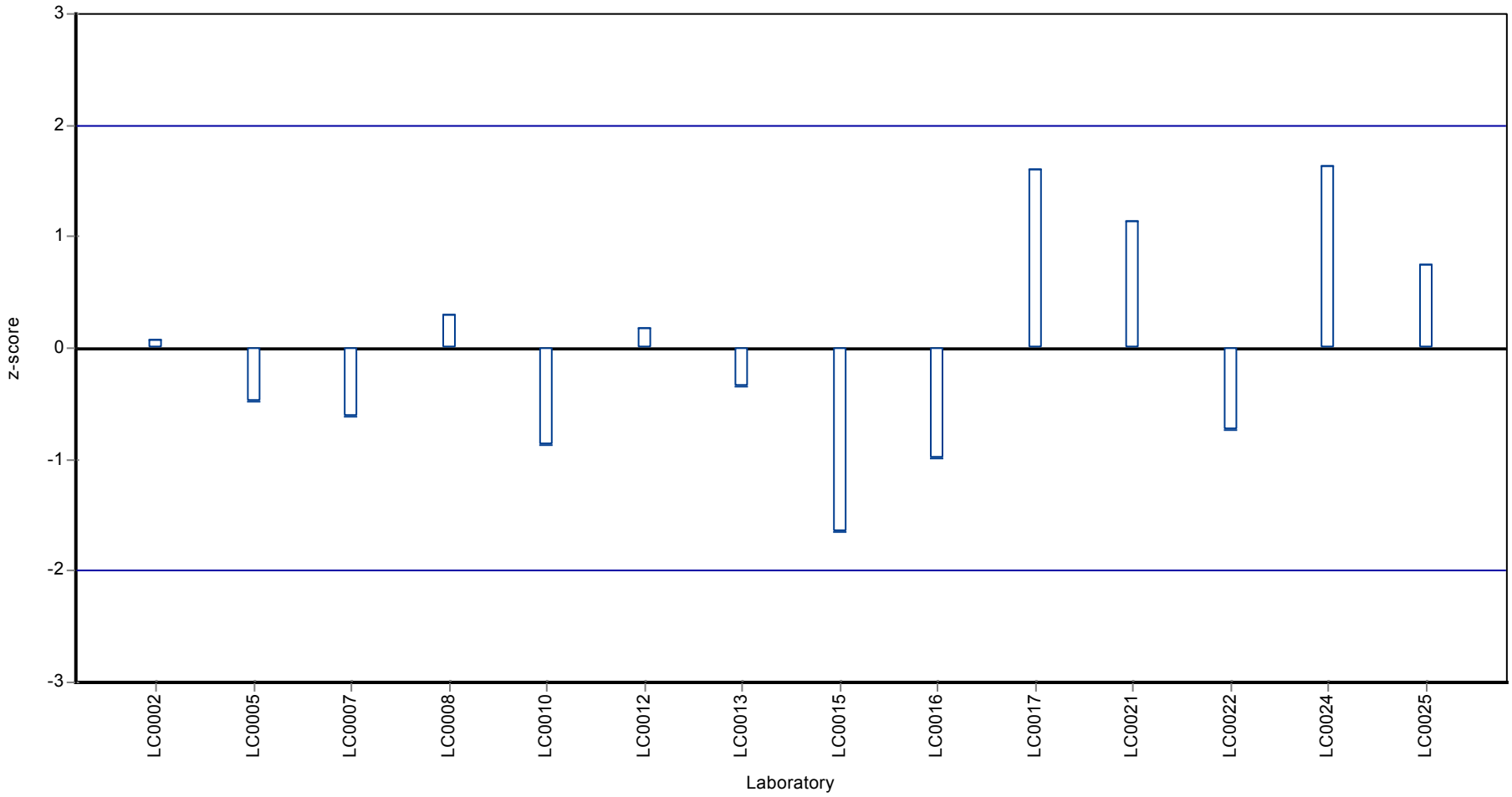
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Imidacloprid

Z-score



Parameter oriented report

PM02 B

Imidacloprid

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

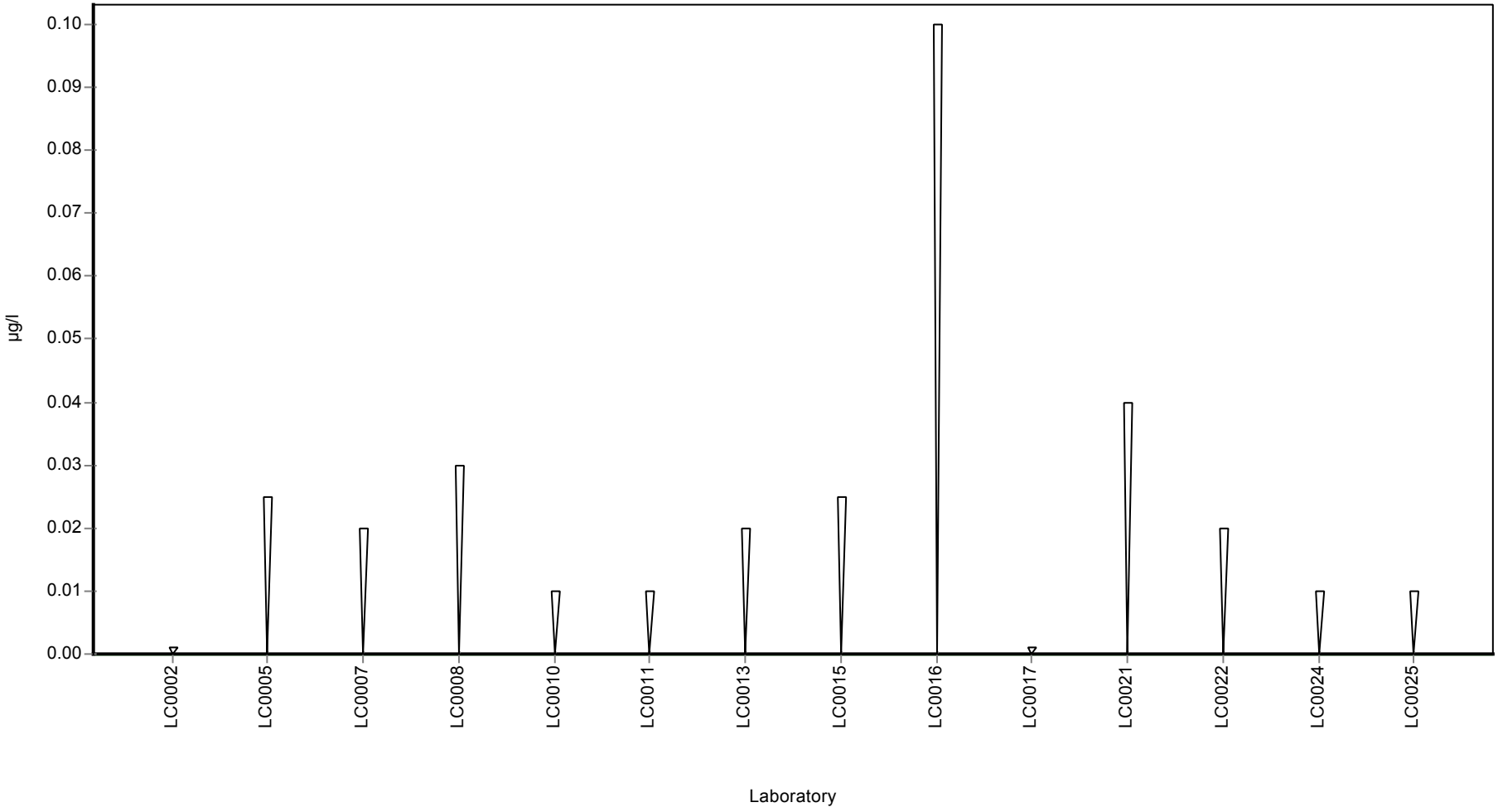
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.001 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.025 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.001 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.04 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Iodosulfuron-methyl

Unit	µg/l
Mean ± CI (99%)	0.405 ± 0.0469
Minimum - Maximum	0.347 - 0.485
Control test value ± U	0.476 ± 0.0715

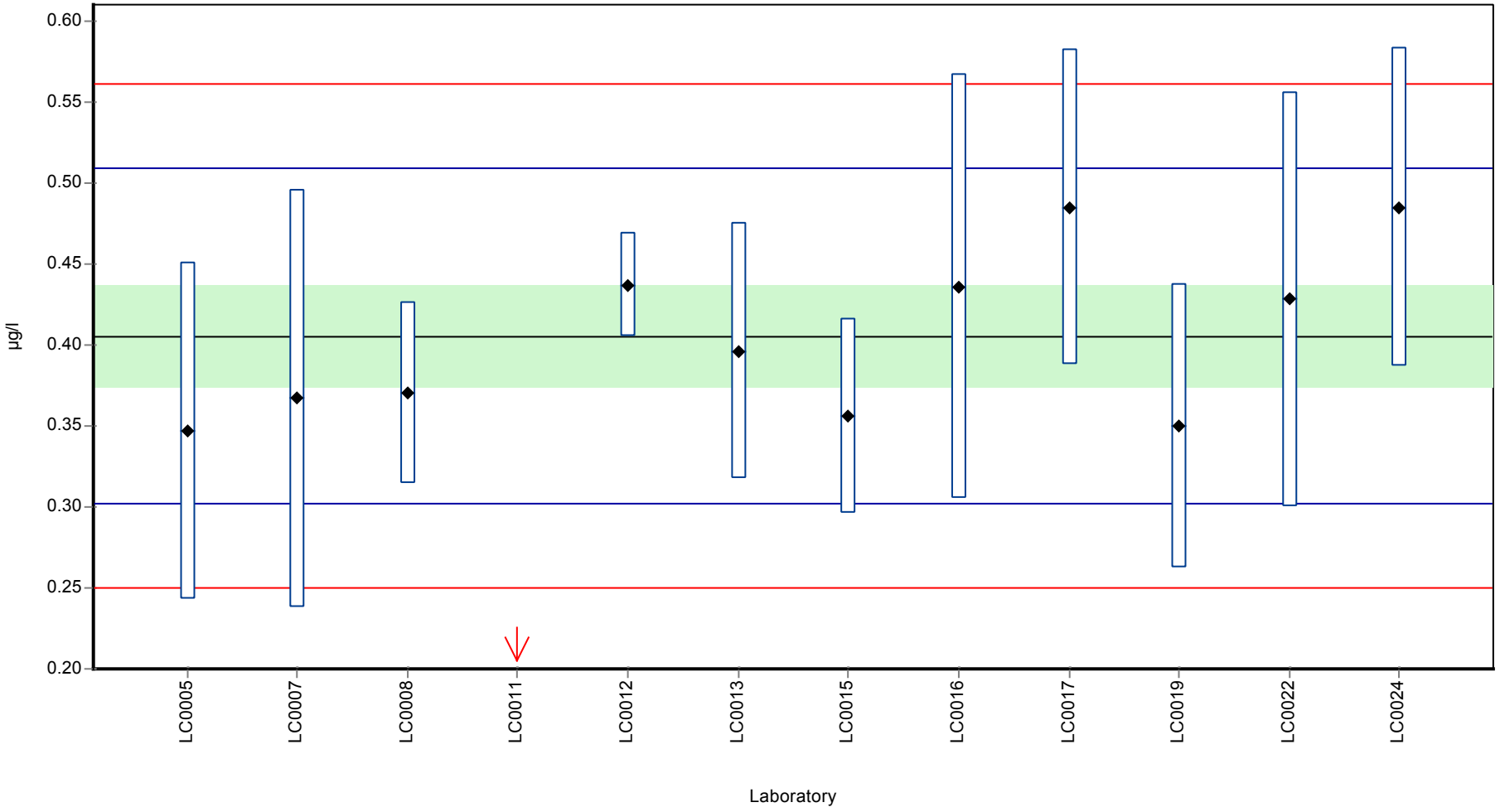
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.347	0.104	85.6	-1.12	
LC0006	-	-	-	-	
LC0007	0.367	0.129	90.6	-0.74	
LC0008	0.37	0.056	91.3	-0.68	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.072	0.043	17.8	-6.43	H
LC0012	0.437	0.032	108	0.61	
LC0013	0.396	0.0792	97.7	-0.18	
LC0014	-	-	-	-	
LC0015	0.356	0.06	87.9	-0.95	
LC0016	0.436	0.131	108	0.59	
LC0017	0.485	0.097	120	1.54	
LC0018	-	-	-	-	
LC0019	0.35	0.0875	86.4	-1.06	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.428	0.1284	106	0.44	
LC0023	-	-	-	-	
LC0024	0.485	0.098	120	1.54	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.377 ± 0.0936	0.405 ± 0.0469	µg/l
Minimum	0.072	0.347	µg/l
Maximum	0.485	0.485	µg/l
Standard deviation	0.108	0.0518	µg/l
rel. Standard deviation	28.7	12.8	%
n	12	11	-

Graphical presentation of results

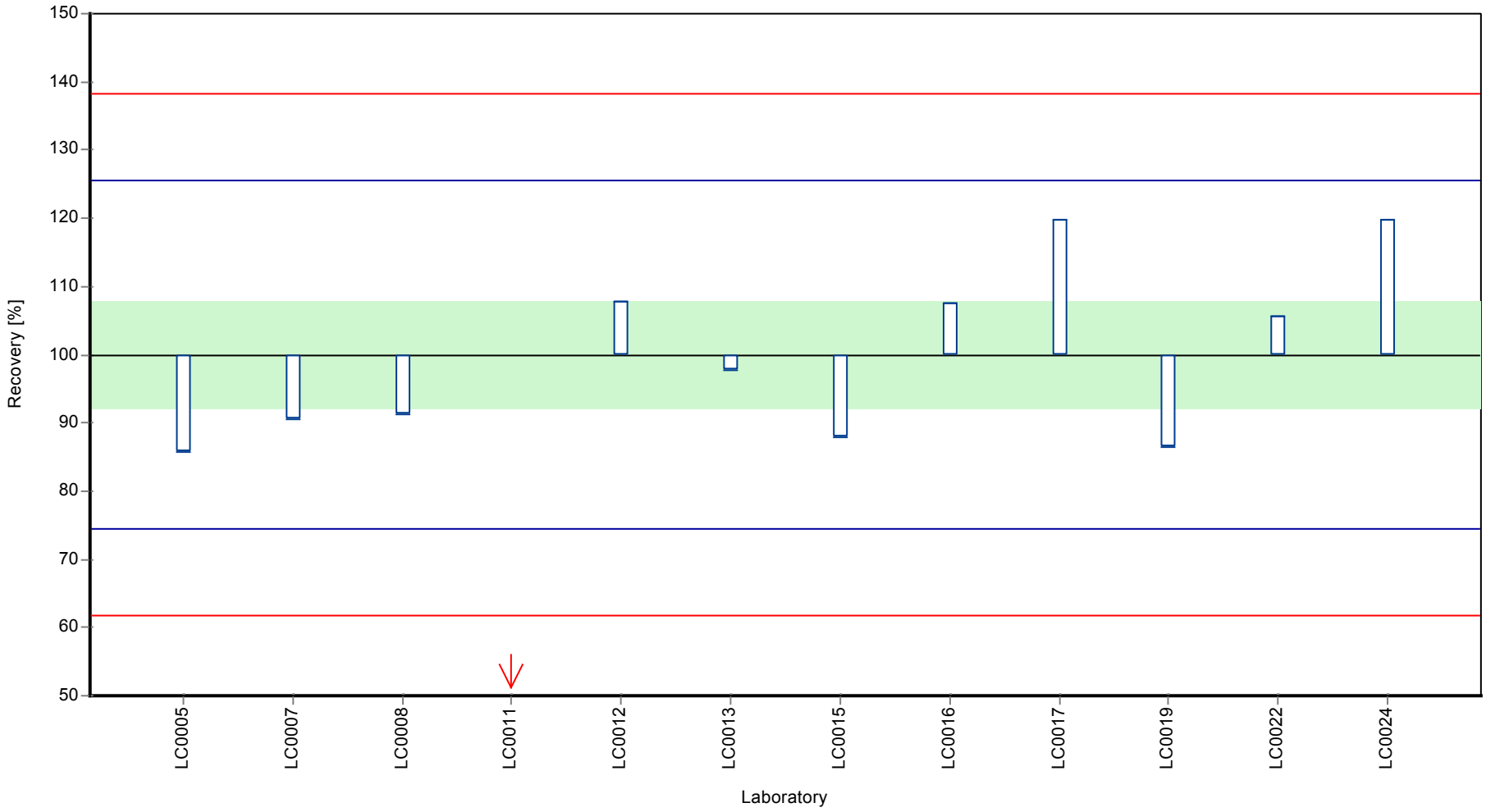
Results

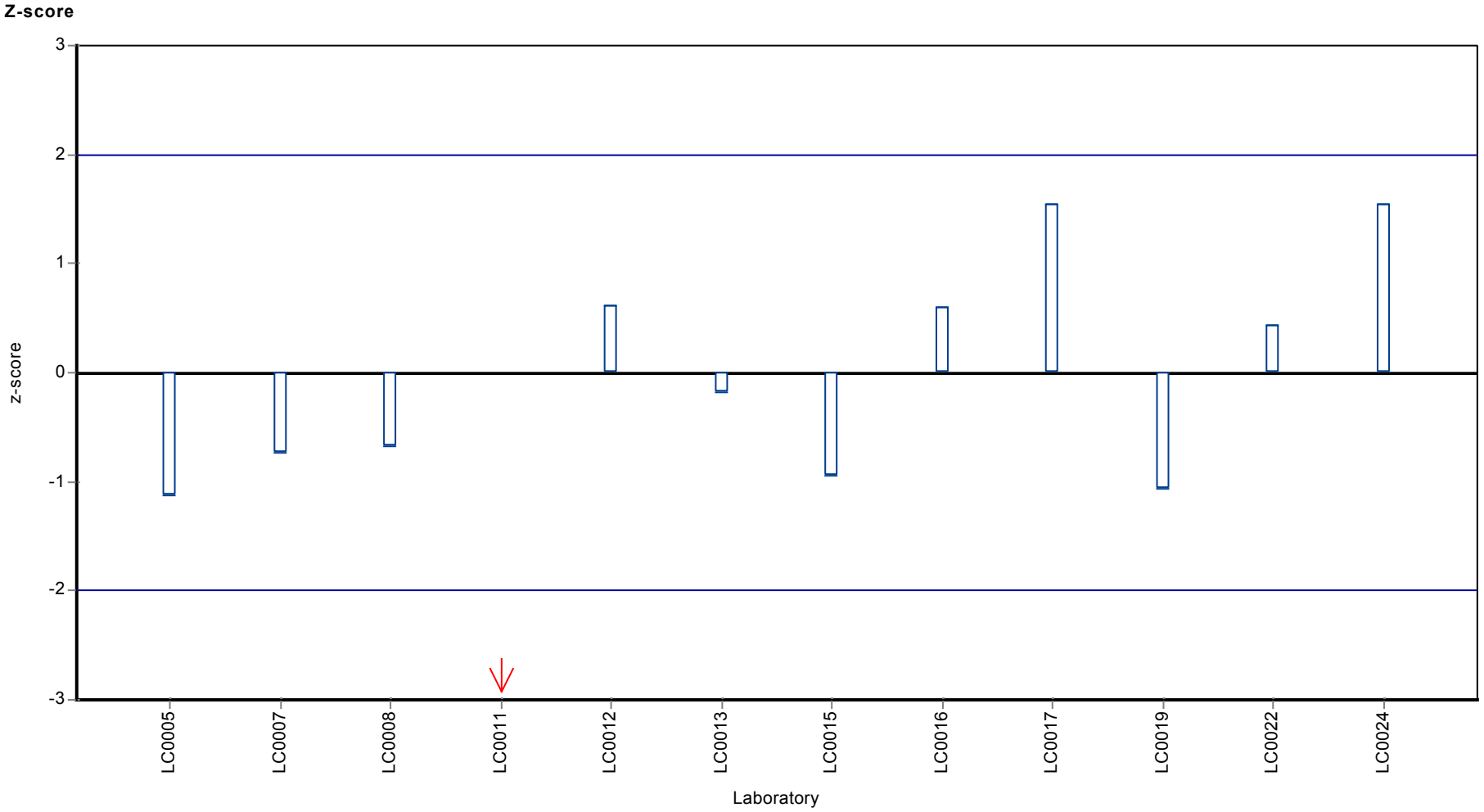


Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Iodosulfuron-methyl

Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0019
LC0022
LC0024
Laboratory

Parameter oriented report

PM02 B

Iodosulfuron-methyl

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

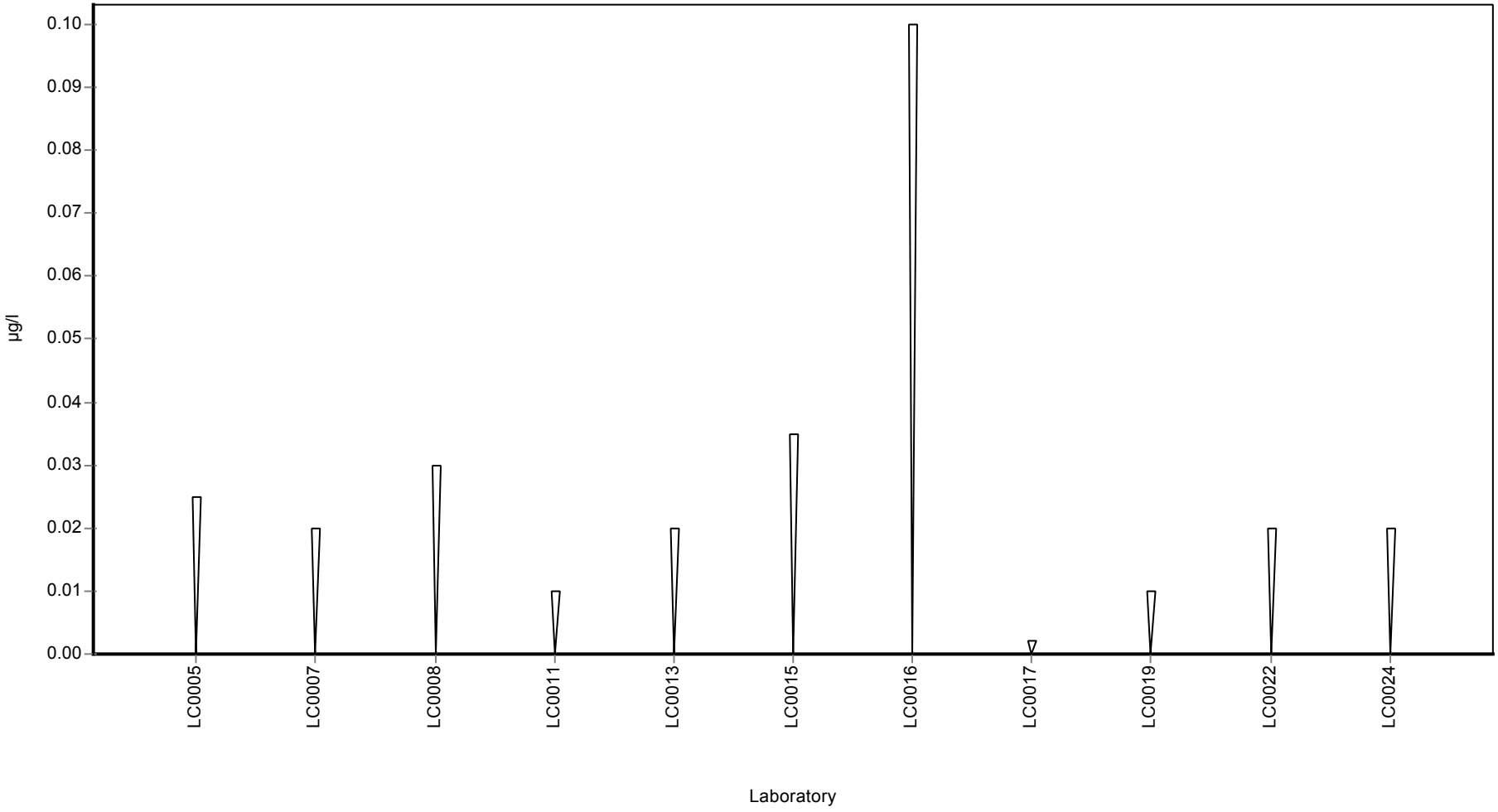
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.035 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.002 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.02 (LOQ)	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Isoproturon

Unit	µg/l
Mean ± CI (99%)	0.301 ± 0.0199
Minimum - Maximum	0.249 - 0.358
Control test value ± U	0.302 ± 0.0454

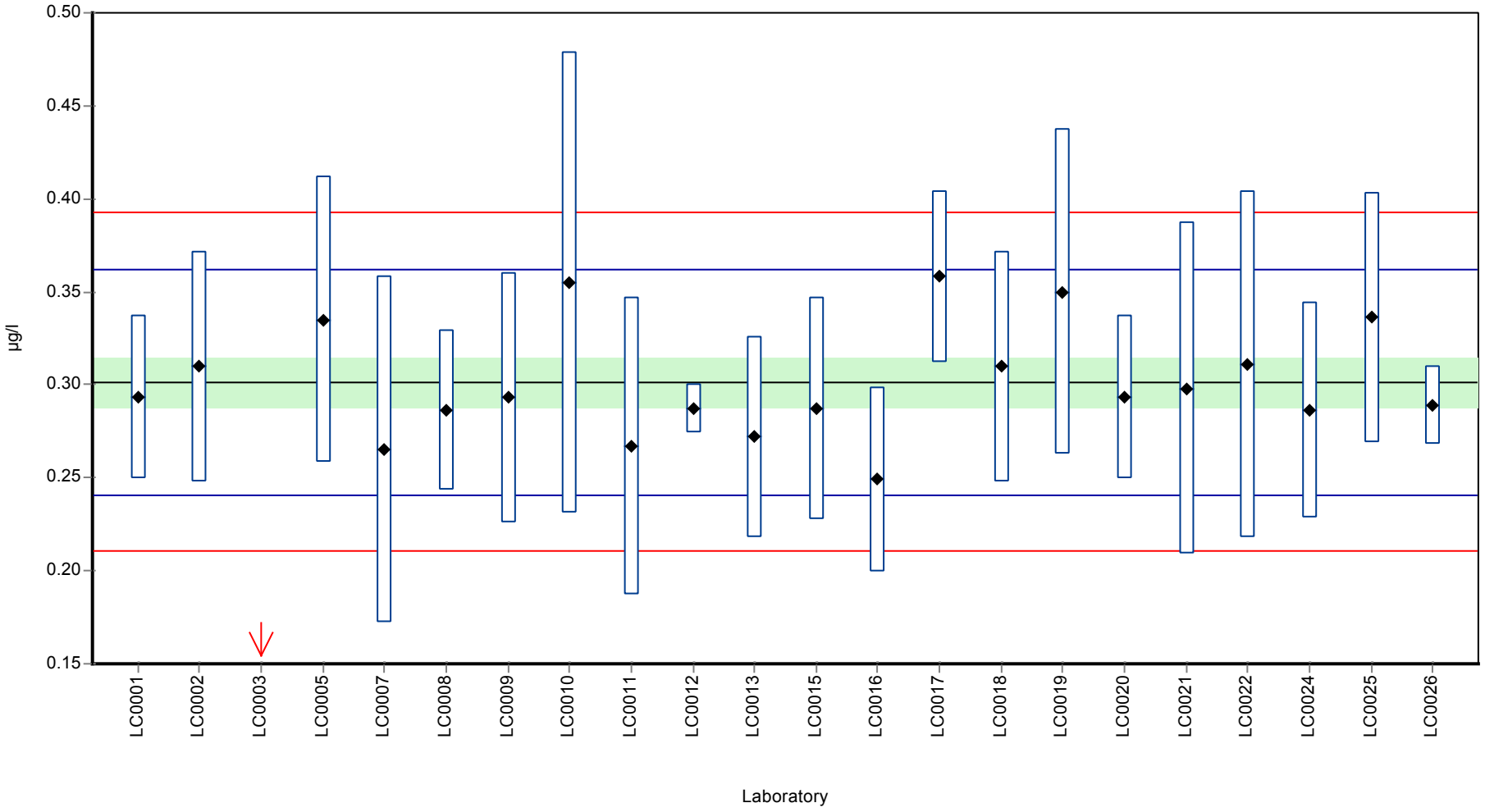
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.293	0.044	97.2	-0.28	
LC0002	0.31	0.062	103	0.28	
LC0003	0.089	0.001	29.5	-7.01	H
LC0004	-	-	-	-	
LC0005	0.335	0.0771	111	1.11	
LC0006	-	-	-	-	
LC0007	0.265	0.093	87.9	-1.2	
LC0008	0.286	0.043	94.9	-0.51	
LC0009	0.293	0.067	97.2	-0.28	
LC0010	0.355	0.124	118	1.77	
LC0011	0.267	0.08	88.6	-1.14	
LC0012	0.287	0.013	95.2	-0.48	
LC0013	0.272	0.054	90.2	-0.97	
LC0014	-	-	-	-	
LC0015	0.287	0.06	95.2	-0.48	
LC0016	0.249	0.05	82.6	-1.73	
LC0017	0.358	0.046	119	1.87	
LC0018	0.31	0.062	103	0.28	
LC0019	0.35	0.0875	116	1.6	
LC0020	0.293	0.04395	97.2	-0.28	
LC0021	0.298	0.0894	98.9	-0.11	
LC0022	0.311	0.0933	103	0.32	
LC0023	-	-	-	-	
LC0024	0.286	0.058	94.9	-0.51	
LC0025	0.336	0.067	111	1.14	
LC0026	0.289	0.021	95.9	-0.41	

Characteristics of parameter

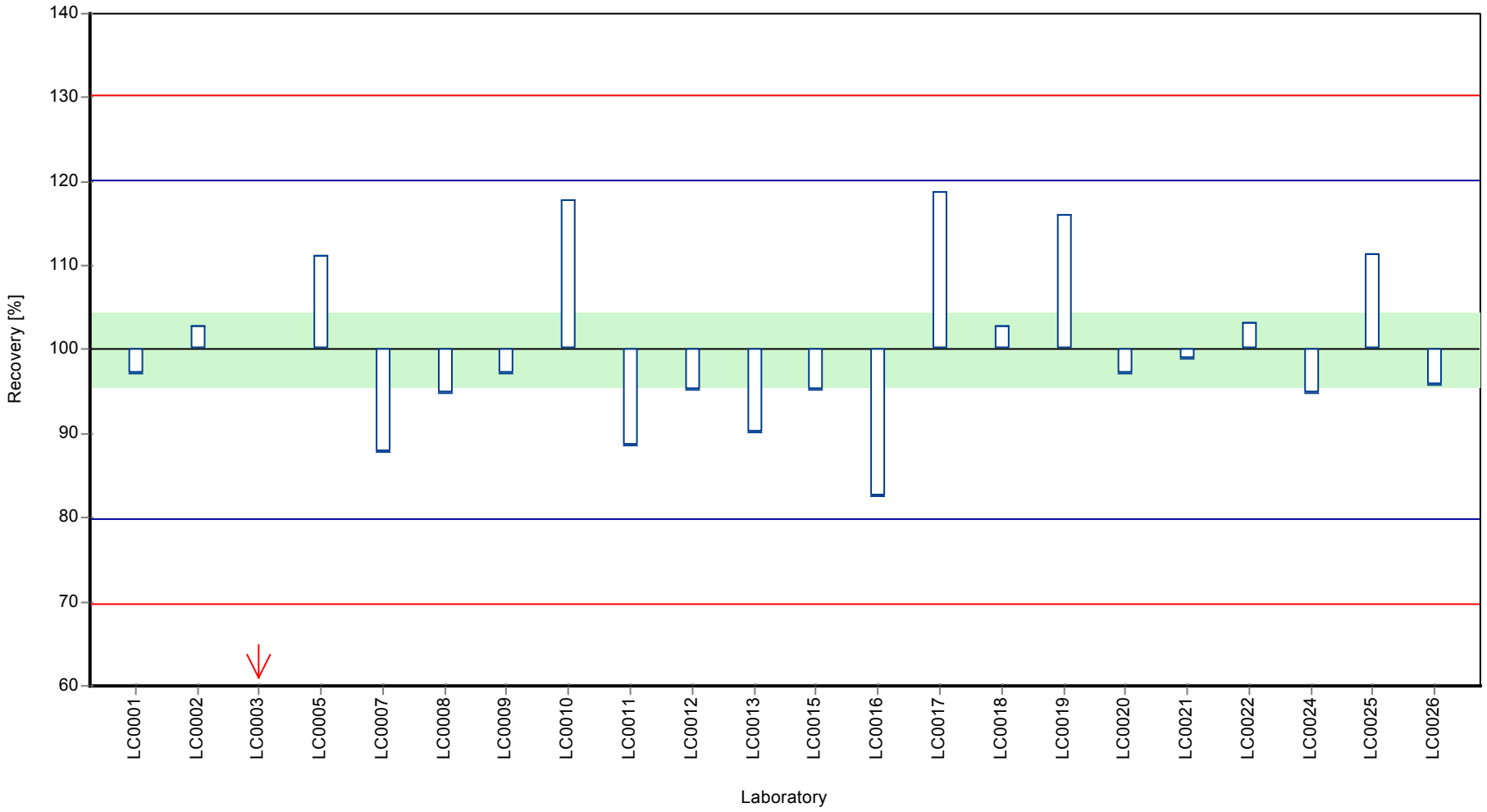
	all results	without outliers	Unit
Mean ± CI (99%)	0.292 ± 0.0346	0.301 ± 0.0199	µg/l
Minimum	0.089	0.249	µg/l
Maximum	0.358	0.358	µg/l
Standard deviation	0.0541	0.0303	µg/l
rel. Standard deviation	18.5	10.1	%
n	22	21	-

Graphical presentation of results

Results



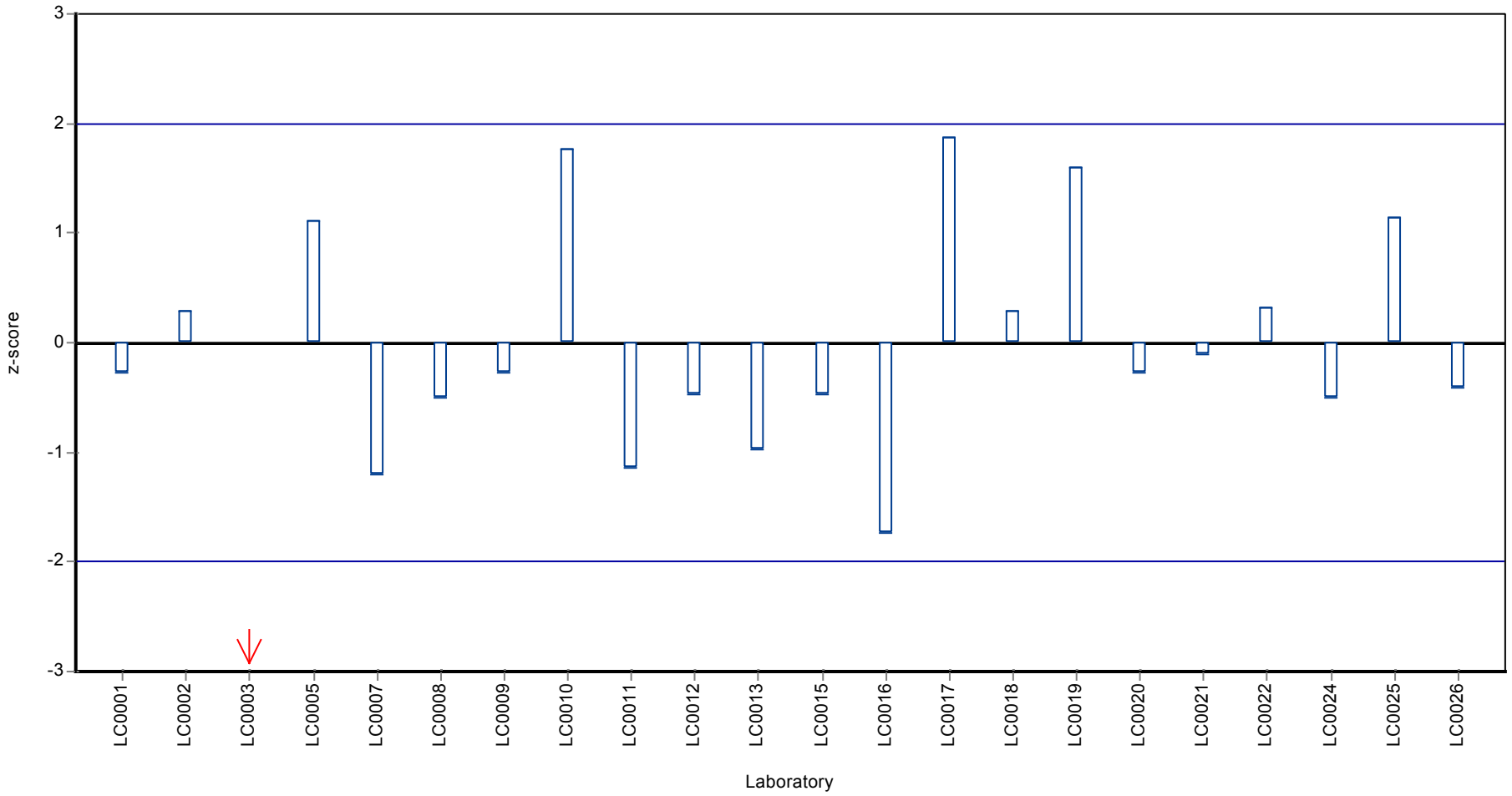
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Isoproturon

Z-score



Parameter oriented report

PM02 B

Isoproturon

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

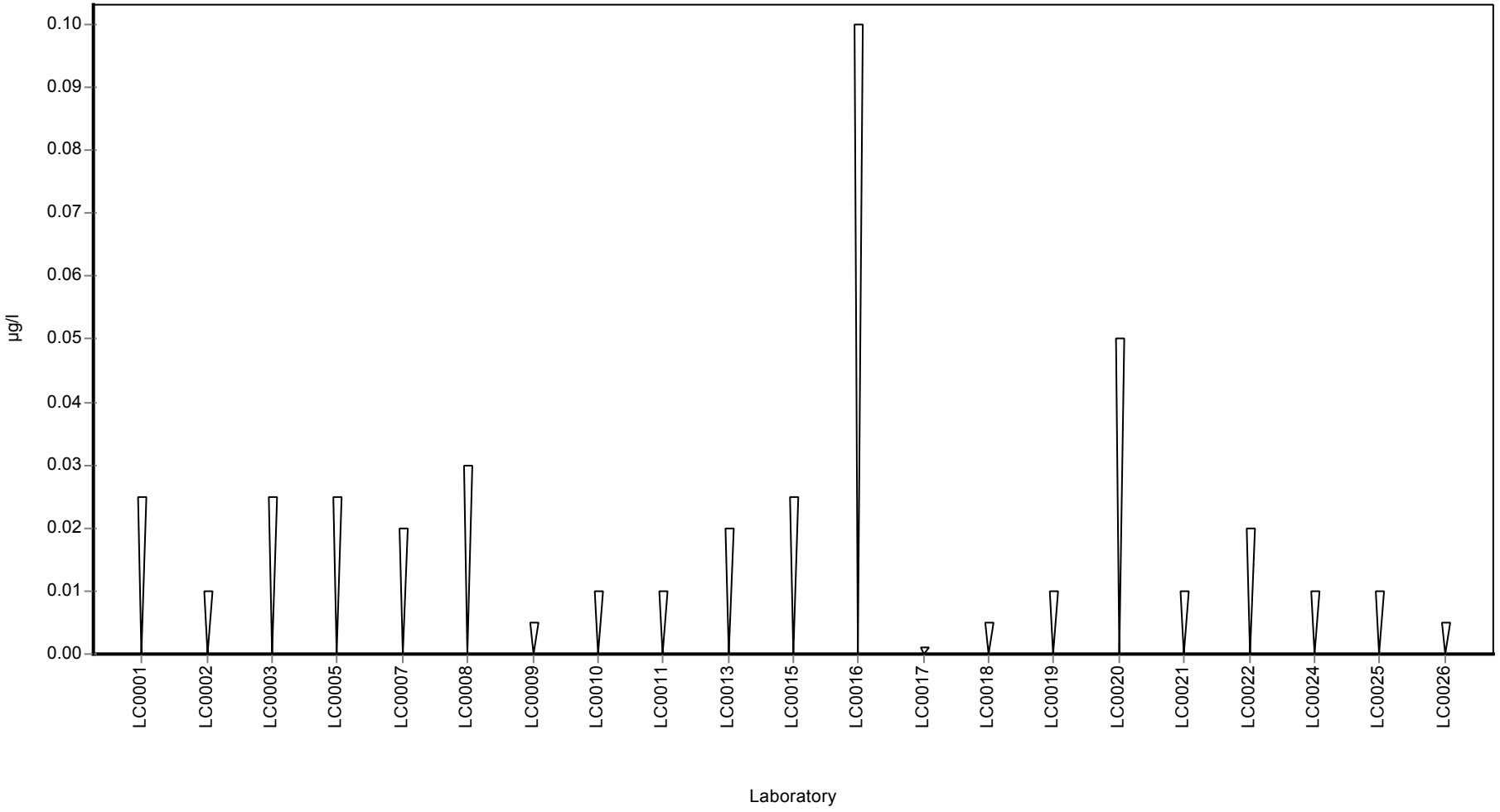
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.025 (LOQ)	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	< 0.025 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.025 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.001 (LOD)	-	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	< 0.005 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Isoproturon-desmethyl

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

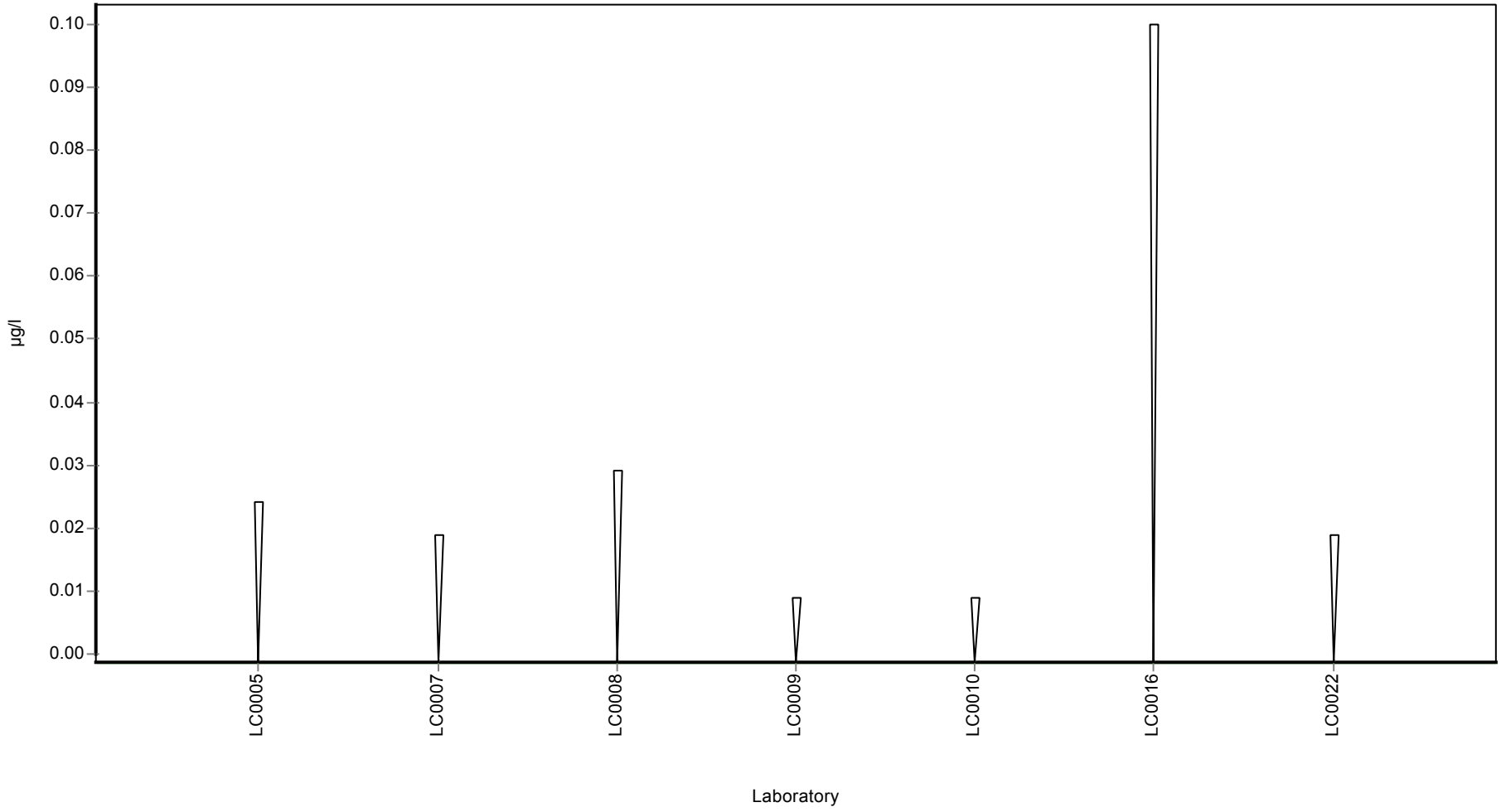
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Isoproturon-desmethyl

Unit	µg/l
Mean ± CI (99%)	0.147 ± 0.0118
Minimum - Maximum	0.131 - 0.16
Control test value ± U	0.128 ± 0.0193

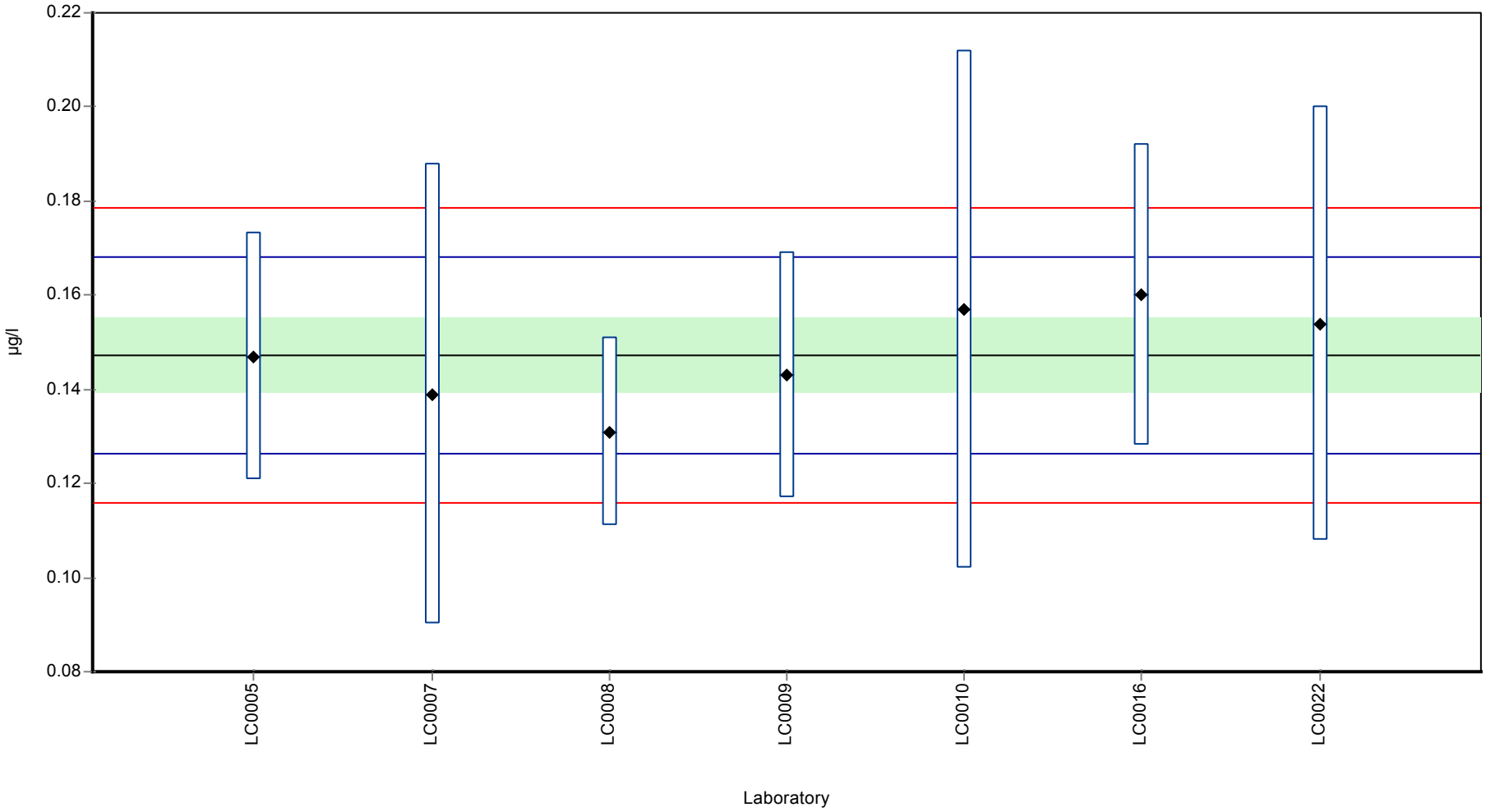
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.147	0.0264	99.8	-0.03	
LC0006	-	-	-	-	
LC0007	0.139	0.049	94.4	-0.79	
LC0008	0.131	0.02	88.9	-1.56	
LC0009	0.143	0.026	97.1	-0.41	
LC0010	0.157	0.055	107	0.93	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.16	0.032	109	1.22	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.154	0.0462	105	0.64	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.147 ± 0.0118	0.147 ± 0.0118	µg/l
Minimum	0.131	0.131	µg/l
Maximum	0.16	0.16	µg/l
Standard deviation	0.0104	0.0104	µg/l
rel. Standard deviation	7.09	7.09	%
n	7	7	-

Graphical presentation of results

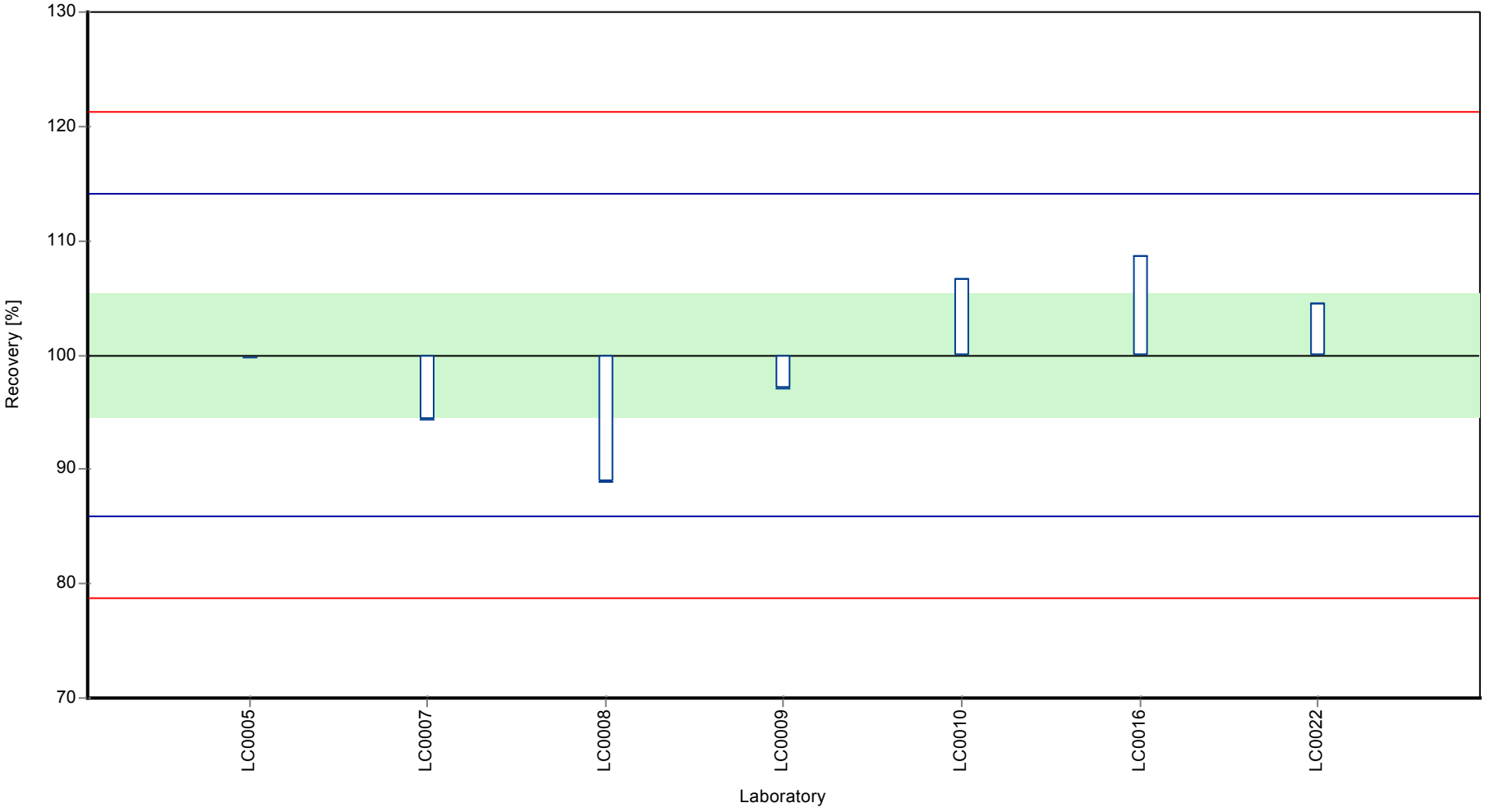
Results



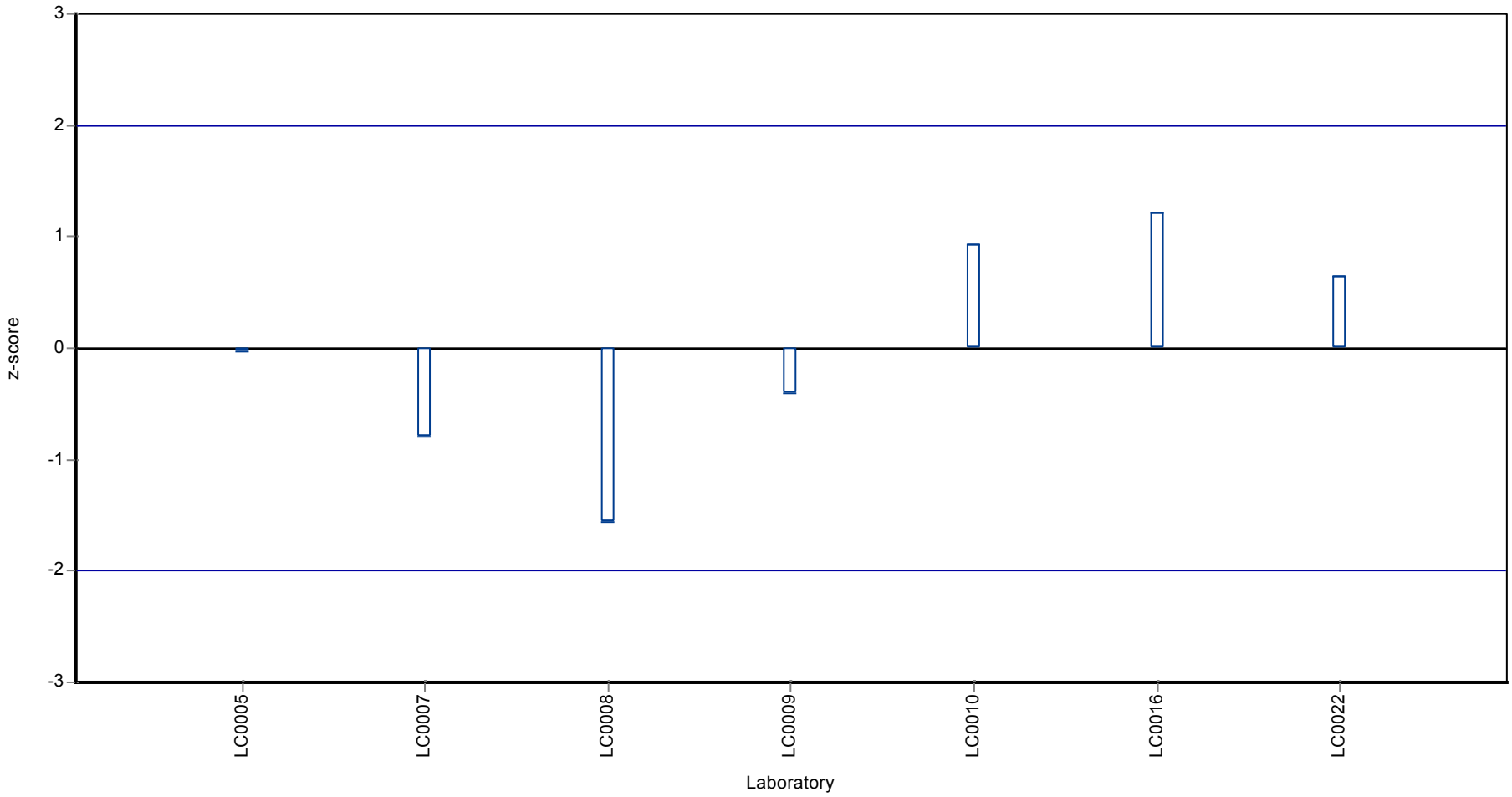
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Isoproturon-desmethyl

Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0009
LC0010
LC0016
LC0022
Laboratory

Parameter oriented report

PM02 A

MCPA

Unit	µg/l
Mean ± CI (99%)	0.237 ± 0.0108
Minimum - Maximum	0.205 - 0.272
Control test value ± U	0.234 ± 0.035

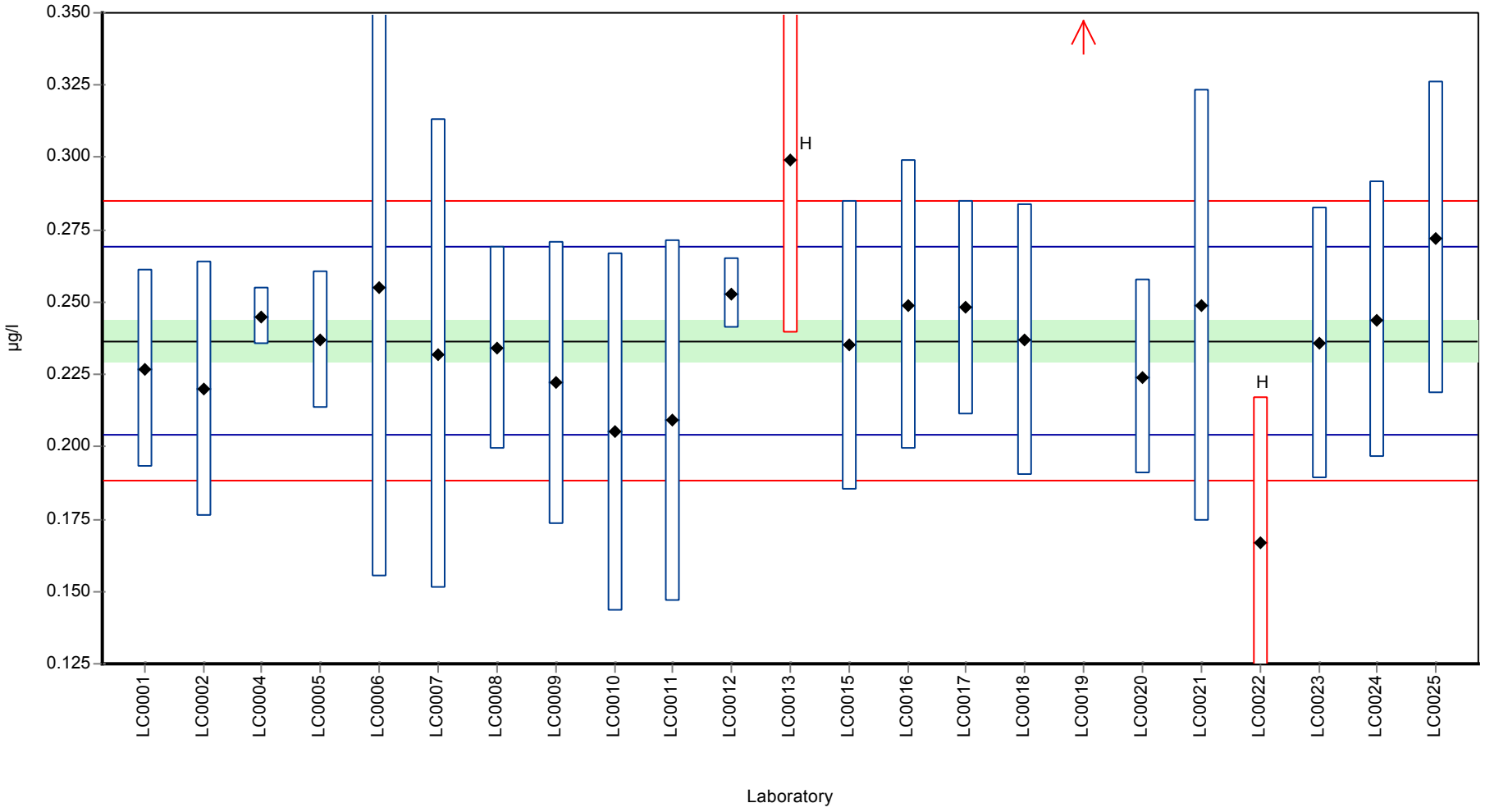
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.227	0.034	95.9	-0.6	
LC0002	0.22	0.044	93	-1.03	
LC0003	-	-	-	-	
LC0004	0.245	0.01	104	0.52	
LC0005	0.237	0.0237	100	0.02	
LC0006	0.255	0.1	108	1.14	
LC0007	0.232	0.081	98	-0.29	
LC0008	0.234	0.035	98.9	-0.16	
LC0009	0.222	0.049	93.8	-0.91	
LC0010	0.205	0.062	86.6	-1.96	
LC0011	0.209	0.0627	88.3	-1.71	
LC0012	0.253	0.012	107	1.01	
LC0013	0.299	0.06	126	3.86	H
LC0014	-	-	-	-	
LC0015	0.235	0.05	99.3	-0.1	
LC0016	0.249	0.05	105	0.77	
LC0017	0.248	0.037	105	0.7	
LC0018	0.237	0.047	100	0.02	
LC0019	0.44	0.11	186	12.6	H
LC0020	0.224	0.0336	94.7	-0.78	
LC0021	0.249	0.0747	105	0.77	
LC0022	0.167	0.0501	70.6	-4.31	H
LC0023	0.236	0.047	99.7	-0.04	
LC0024	0.244	0.048	103	0.46	
LC0025	0.272	0.054	115	2.19	
LC0026	-	-	-	-	

Characteristics of parameter

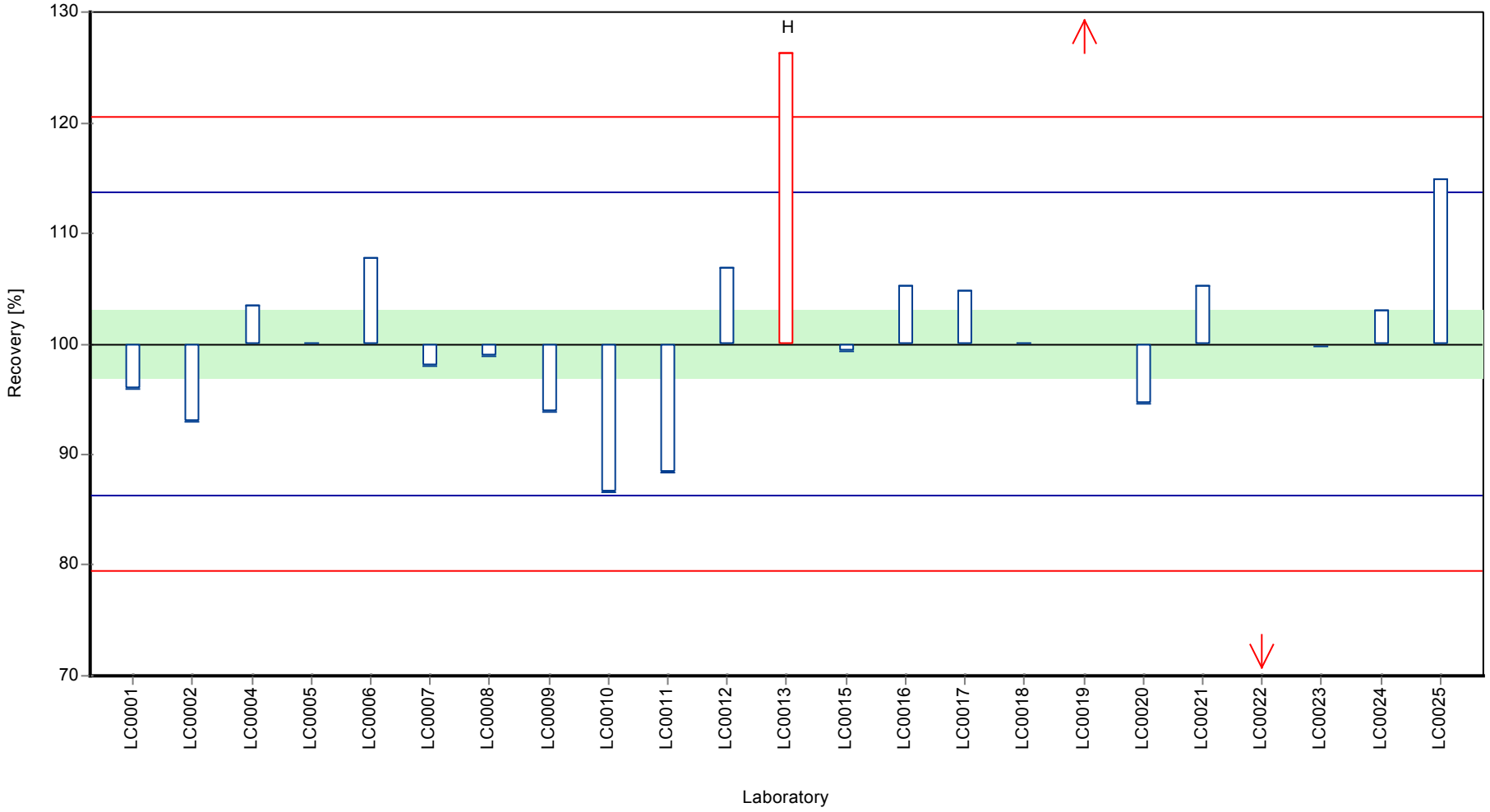
	all results	without outliers	Unit
Mean ± CI (99%)	0.245 ± 0.0308	0.237 ± 0.0108	µg/l
Minimum	0.167	0.205	µg/l
Maximum	0.44	0.272	µg/l
Standard deviation	0.0493	0.0161	µg/l
rel. Standard deviation	20.1	6.82	%
n	23	20	-

Graphical presentation of results

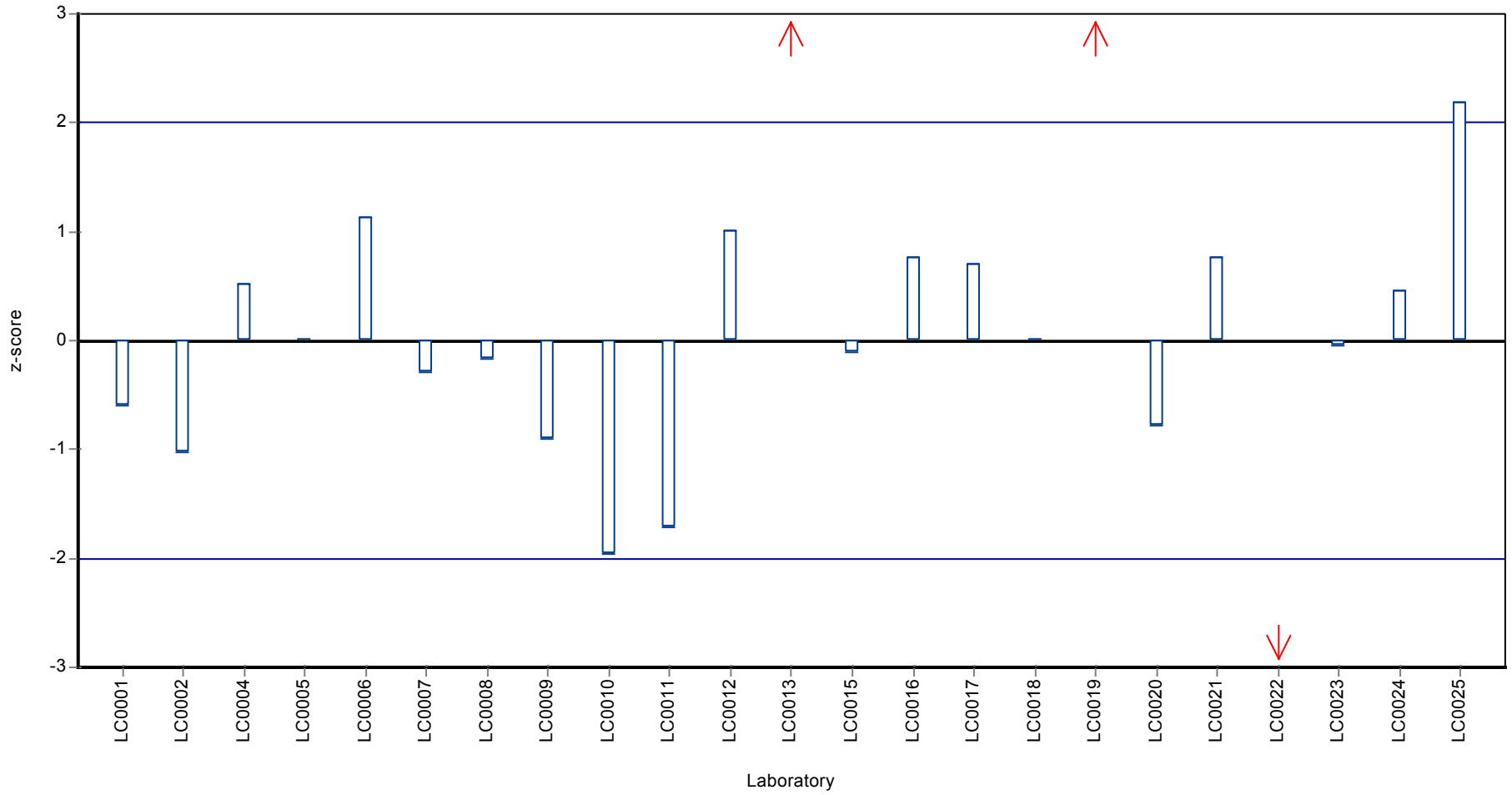
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0002
LC0004
LC0005
LC0006
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 B

MCPA

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.022 - 0.022
Control test value ± U	<0.025 (LOD)

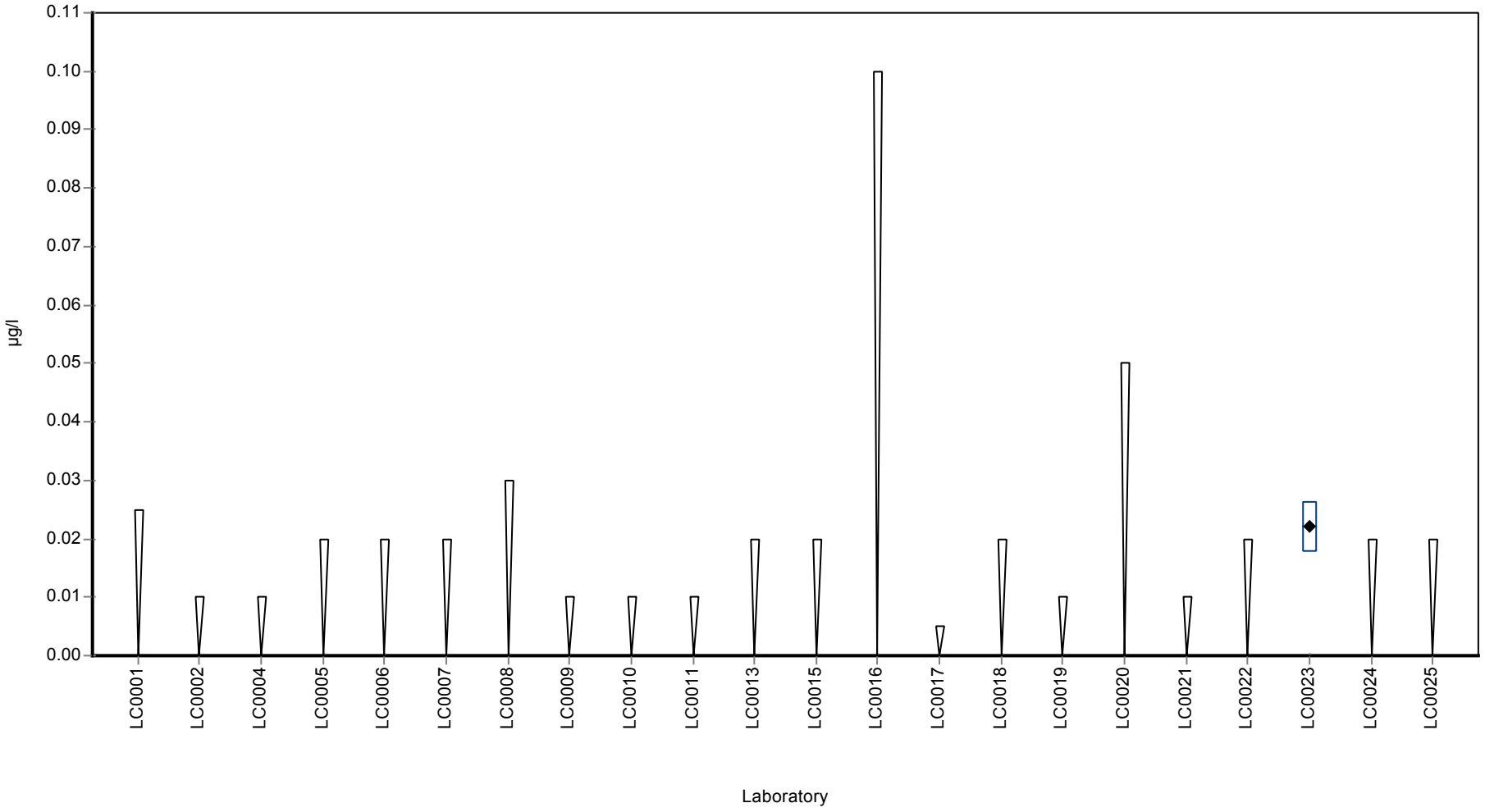
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.025 (LOQ)	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	< 0.02 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.005 (LOD)	-	-	-	
LC0018	< 0.02 (LOQ)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	0.022	0.0044	-	-	
LC0024	< 0.02 (LOQ)	-	-	-	
LC0025	< 0.02 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.022	-	µg/l
Minimum	0.022	0.022	µg/l
Maximum	0.022	0.022	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

MCPB

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.0217 - 0.0217
Control test value ± U	<0.025 (LOD)

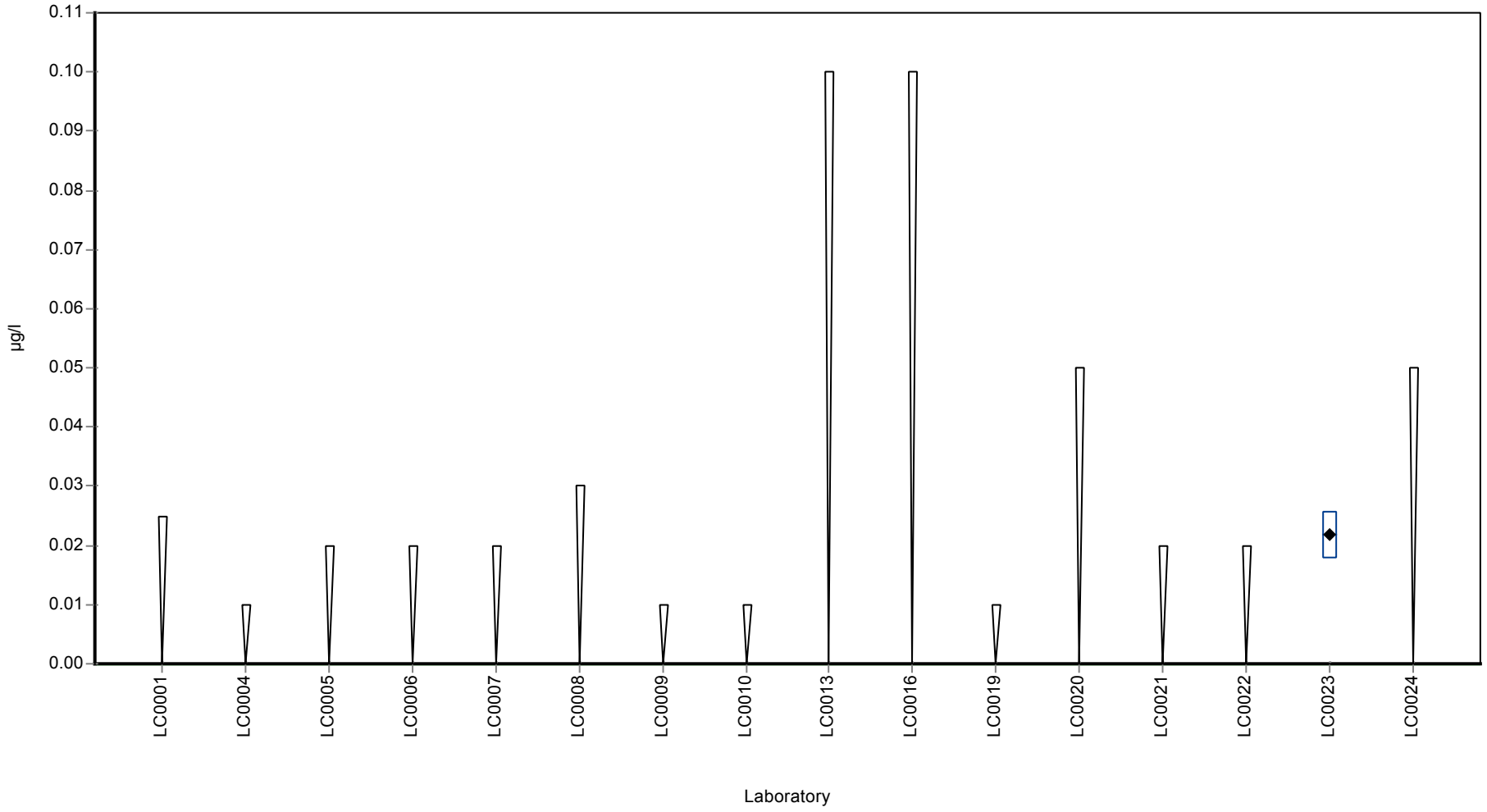
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.025 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	< 0.02 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.1 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.02 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	0.0217	0.004	-	-	
LC0024	< 0.05 (LOQ)	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0217	-	µg/l
Minimum	0.0217	0.0217	µg/l
Maximum	0.0217	0.0217	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

MCPB

Unit	µg/l
Mean ± CI (99%)	0.485 ± 0.039
Minimum - Maximum	0.373 - 0.581
Control test value ± U	0.471 ± 0.0707

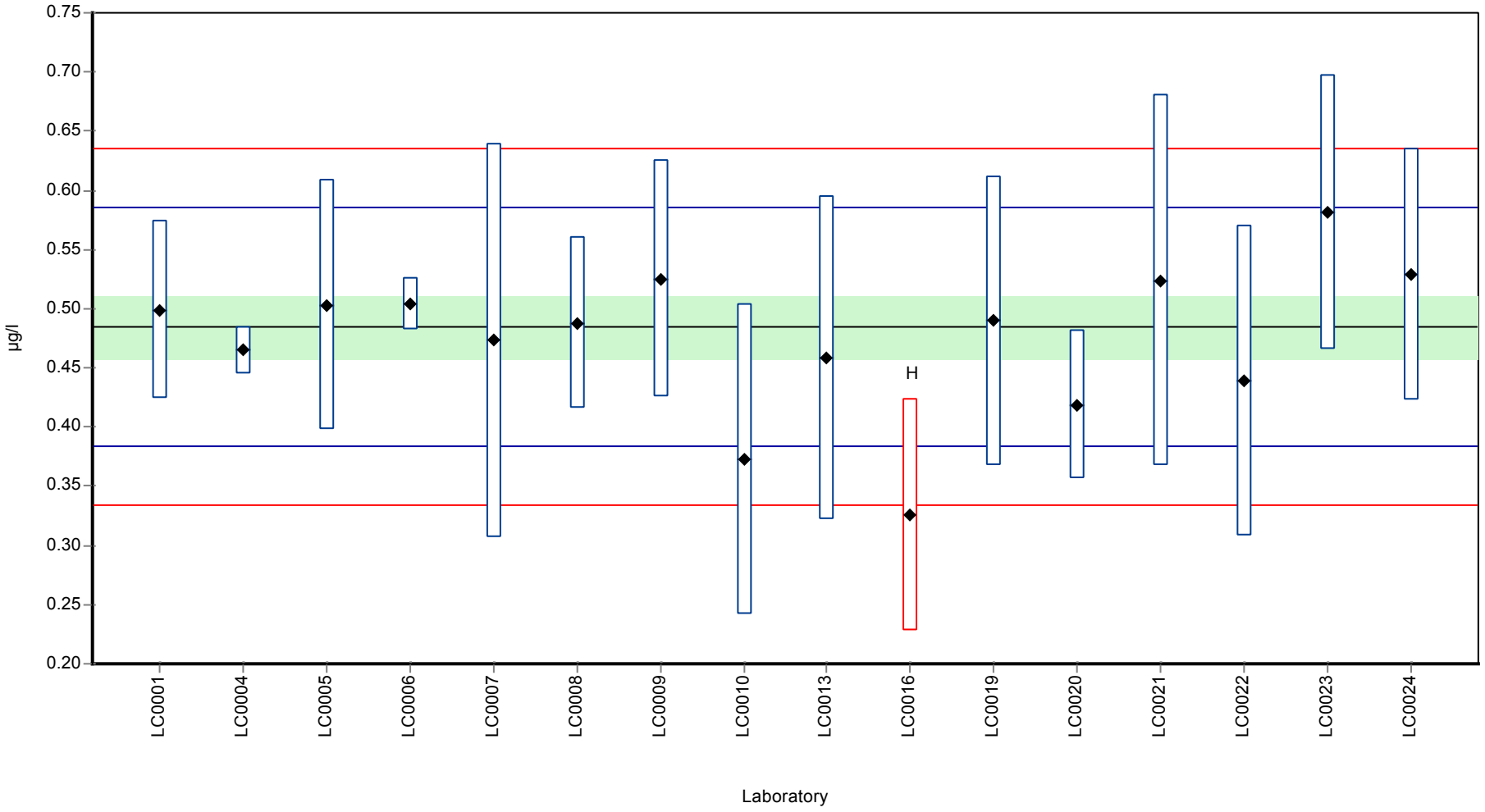
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.499	0.075	103	0.28	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.465	0.02	95.9	-0.39	
LC0005	0.503	0.106	104	0.36	
LC0006	0.504	0.022	104	0.38	
LC0007	0.473	0.166	97.6	-0.23	
LC0008	0.488	0.073	101	0.07	
LC0009	0.525	0.1	108	0.8	
LC0010	0.373	0.131	77	-2.22	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.458	0.137	94.5	-0.53	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.326	0.098	67.3	-3.15	H
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.49	0.1225	101	0.11	
LC0020	0.419	0.06285	86.5	-1.3	
LC0021	0.524	0.1572	108	0.78	
LC0022	0.439	0.1317	90.6	-0.91	
LC0023	0.581	0.116	120	1.91	
LC0024	0.529	0.106	109	0.88	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.475 ± 0.0471	0.485 ± 0.039	µg/l
Minimum	0.326	0.373	µg/l
Maximum	0.581	0.581	µg/l
Standard deviation	0.0628	0.0503	µg/l
rel. Standard deviation	13.2	10.4	%
n	16	15	-

Graphical presentation of results

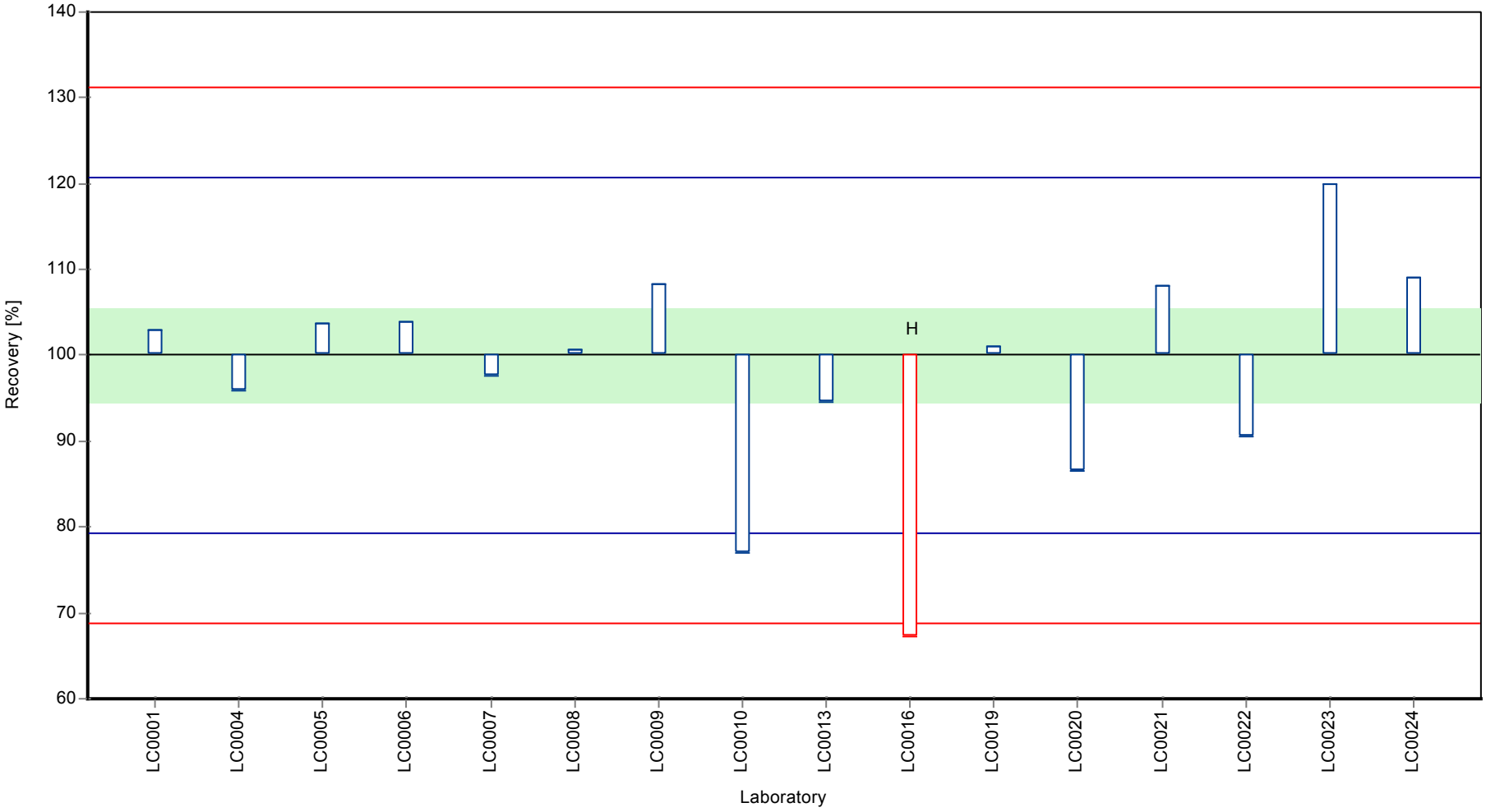
Results



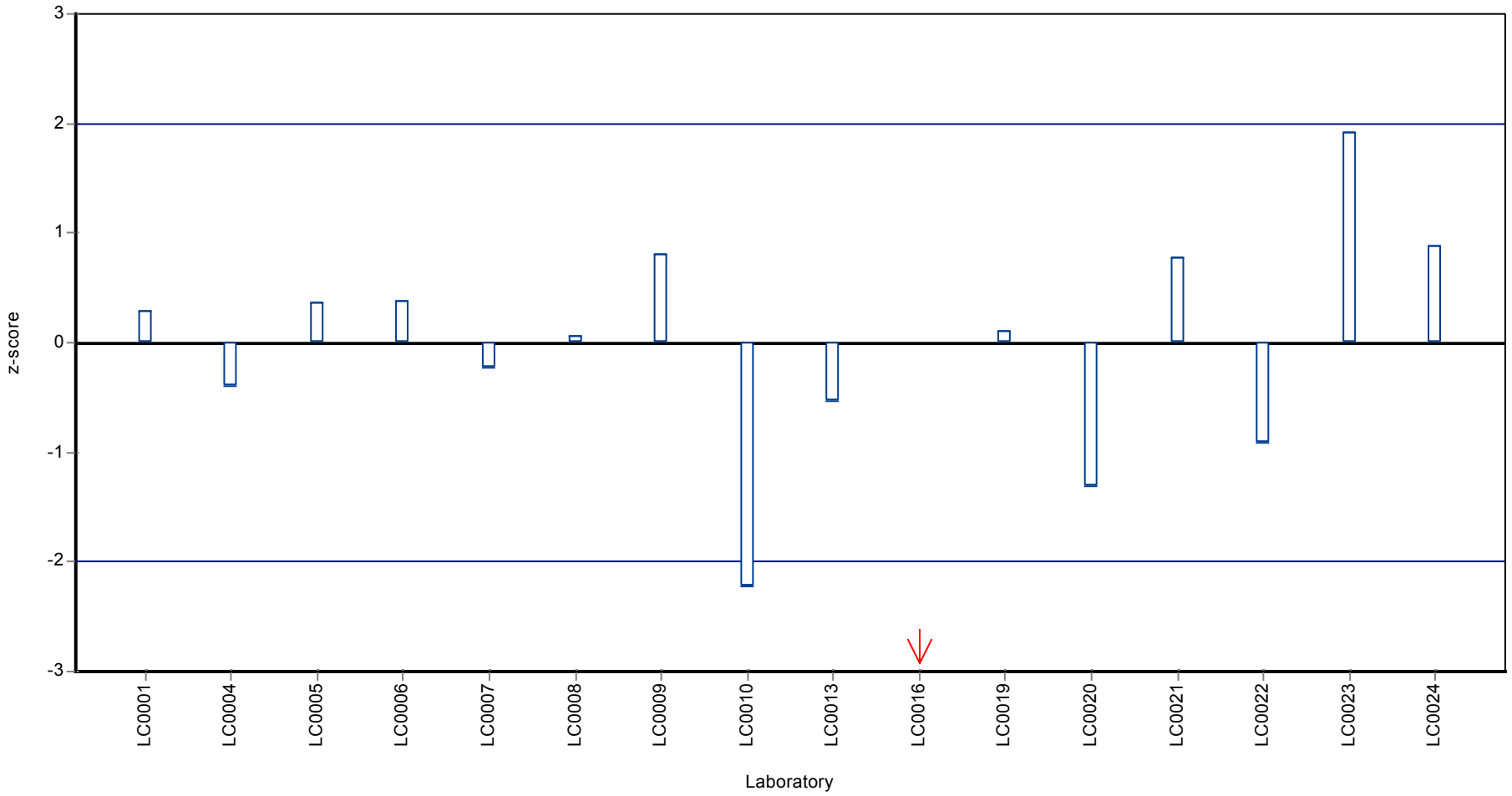
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: MCPB

Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0004
LC0005
LC0006
LC0007
LC0008
LC0009
LC0010
LC0013
LC0016
LC0019
LC0020
LC0021
LC0022
LC0023
LC0024
Laboratory

Parameter oriented report

PM02 A

MCPP (Mecoprop)

Unit	µg/l
Mean ± CI (99%)	0.118 ± 0.00973
Minimum - Maximum	0.091 - 0.15
Control test value ± U	0.115 ± 0.0173

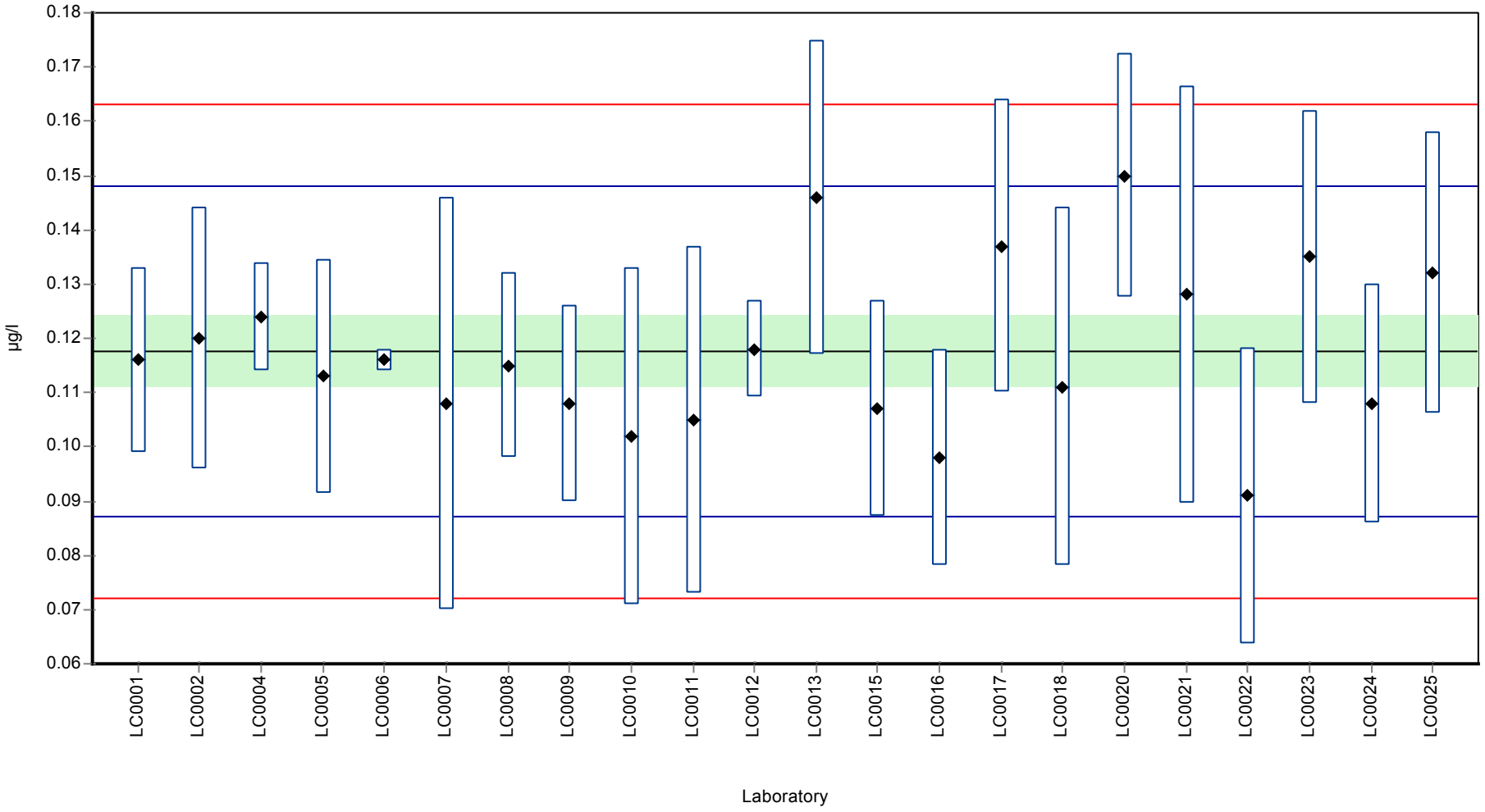
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.116	0.017	98.6	-0.11	
LC0002	0.12	0.024	102	0.15	
LC0003	-	-	-	-	
LC0004	0.124	0.01	105	0.42	
LC0005	0.113	0.0216	96.1	-0.3	
LC0006	0.116	0.002	98.6	-0.11	
LC0007	0.108	0.038	91.8	-0.63	
LC0008	0.115	0.017	97.8	-0.17	
LC0009	0.108	0.018	91.8	-0.63	
LC0010	0.102	0.031	86.7	-1.03	
LC0011	0.105	0.032	89.3	-0.83	
LC0012	0.118	0.009	100	0.02	
LC0013	0.146	0.029	124	1.87	
LC0014	-	-	-	-	
LC0015	0.107	0.02	91	-0.7	
LC0016	0.098	0.02	83.3	-1.29	
LC0017	0.137	0.027	116	1.27	
LC0018	0.111	0.033	94.4	-0.44	
LC0019	-	-	-	-	
LC0020	0.15	0.0225	128	2.13	
LC0021	0.128	0.0384	109	0.68	
LC0022	0.091	0.0273	77.4	-1.75	
LC0023	0.135	0.027	115	1.14	
LC0024	0.108	0.022	91.8	-0.63	
LC0025	0.132	0.026	112	0.94	
LC0026	-	-	-	-	

Characteristics of parameter

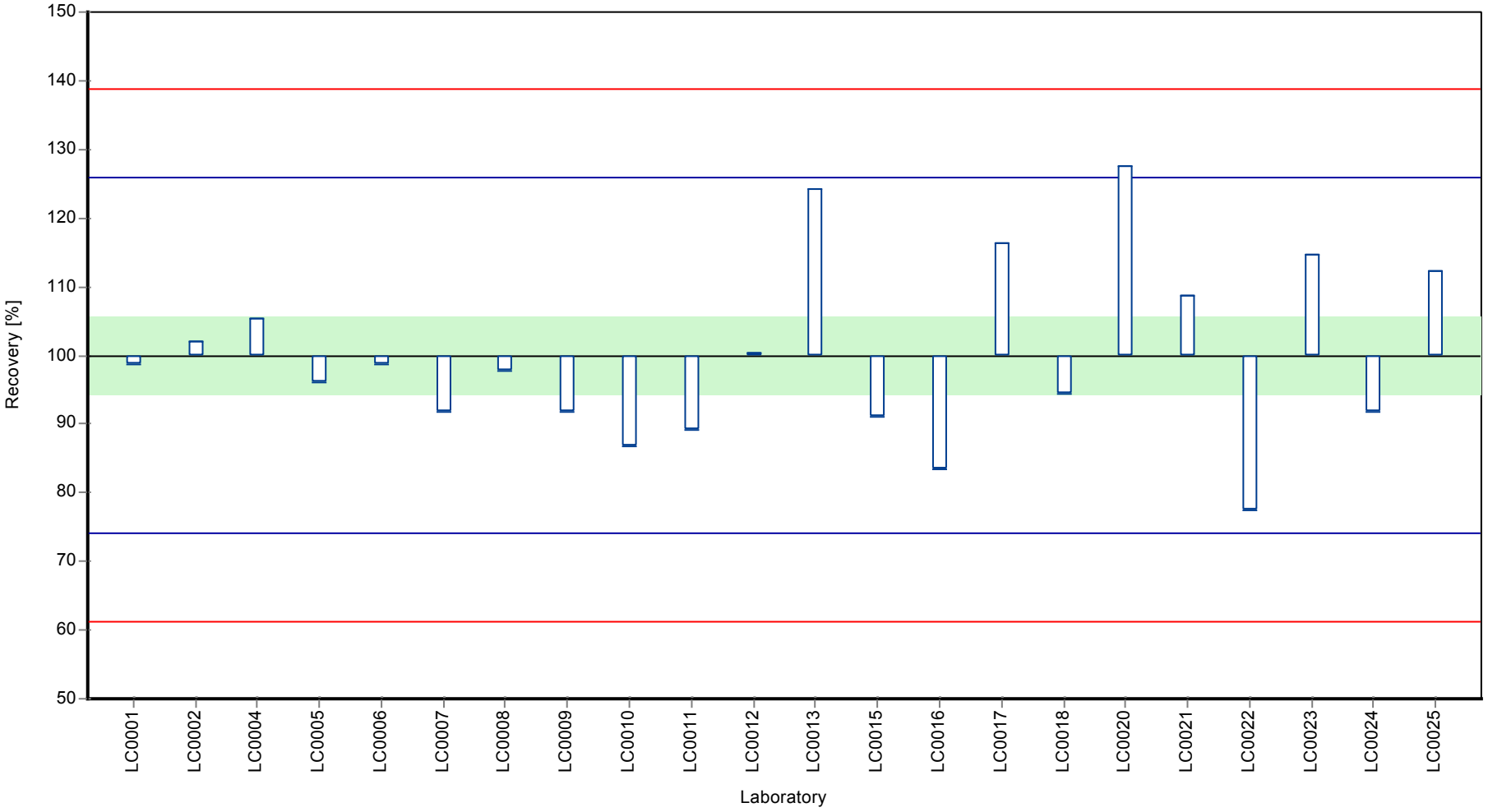
	all results	without outliers	Unit
Mean ± CI (99%)	0.118 ± 0.00973	0.118 ± 0.00973	µg/l
Minimum	0.091	0.091	µg/l
Maximum	0.15	0.15	µg/l
Standard deviation	0.0152	0.0152	µg/l
rel. Standard deviation	12.9	12.9	%
n	22	22	-

Graphical presentation of results

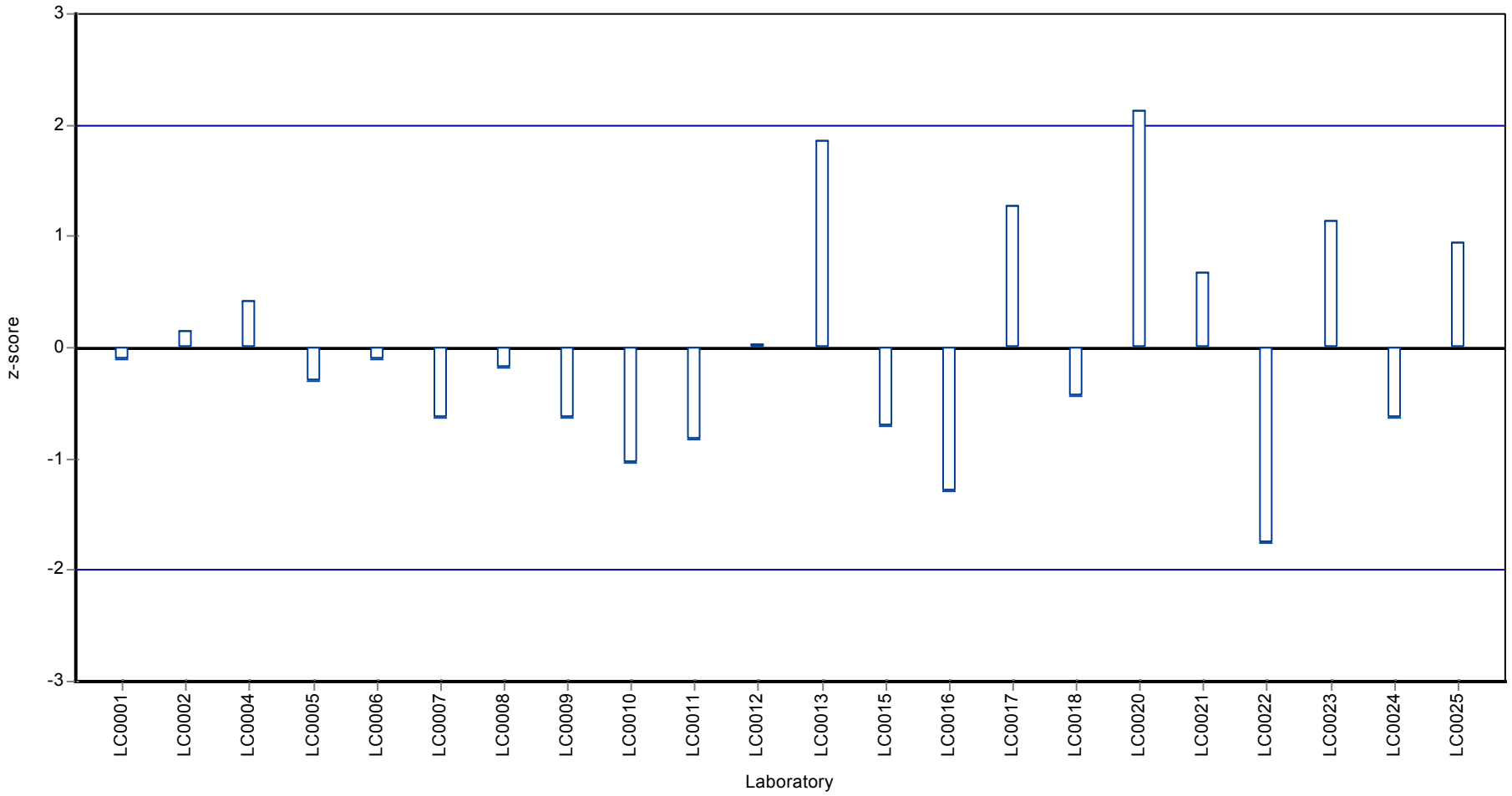
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0002
LC0004
LC0005
LC0006
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 B

MCPP (Mecoprop)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

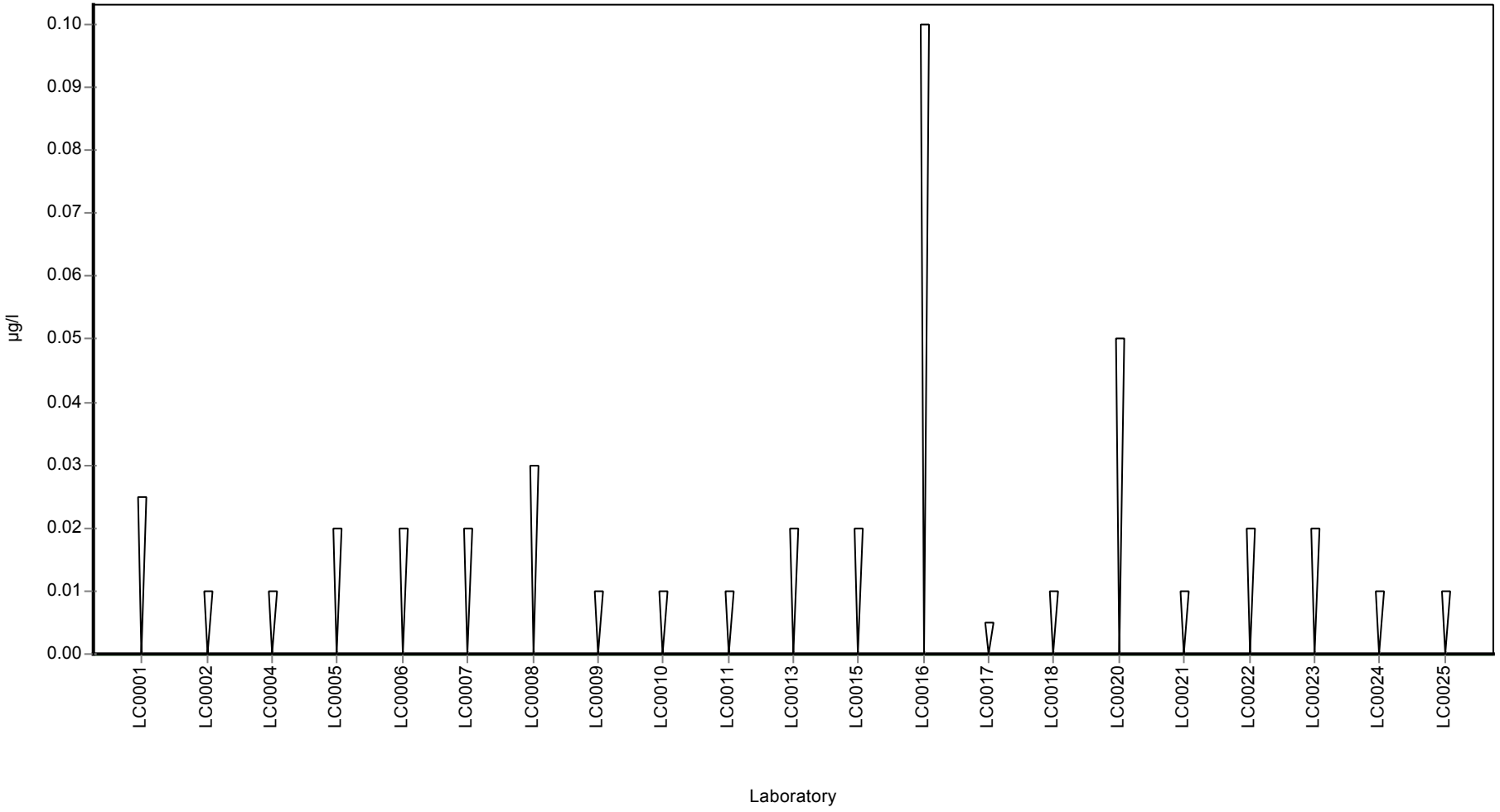
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.025 (LOQ)	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	< 0.02 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.005 (LOD)	-	-	-	
LC0018	< 0.01 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	< 0.02 (LOQ)	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Mesosulfuron-methyl

Unit	µg/l
Mean ± CI (99%)	0.228 ± 0.0255
Minimum - Maximum	0.192 - 0.261
Control test value ± U	0.234 ± 0.035

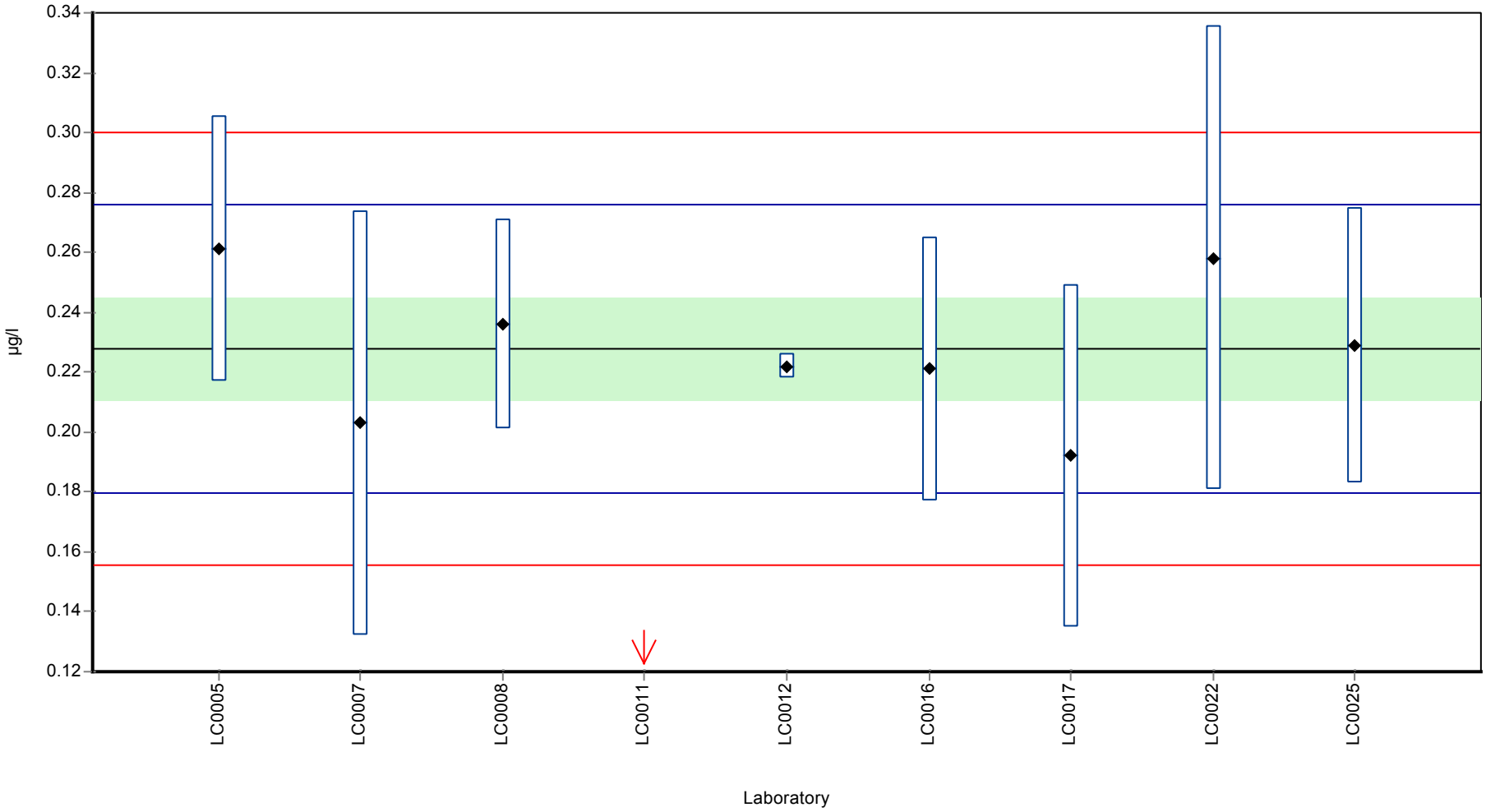
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.261	0.0444	115	1.38	
LC0006	-	-	-	-	
LC0007	0.203	0.071	89.1	-1.03	
LC0008	0.236	0.035	104	0.34	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.034	0.02	14.9	-8.05	H
LC0012	0.222	0.004	97.5	-0.24	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.221	0.044	97	-0.28	
LC0017	0.192	0.057	84.3	-1.48	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.258	0.0774	113	1.26	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.229	0.0458	101	0.05	
LC0026	-	-	-	-	

Characteristics of parameter

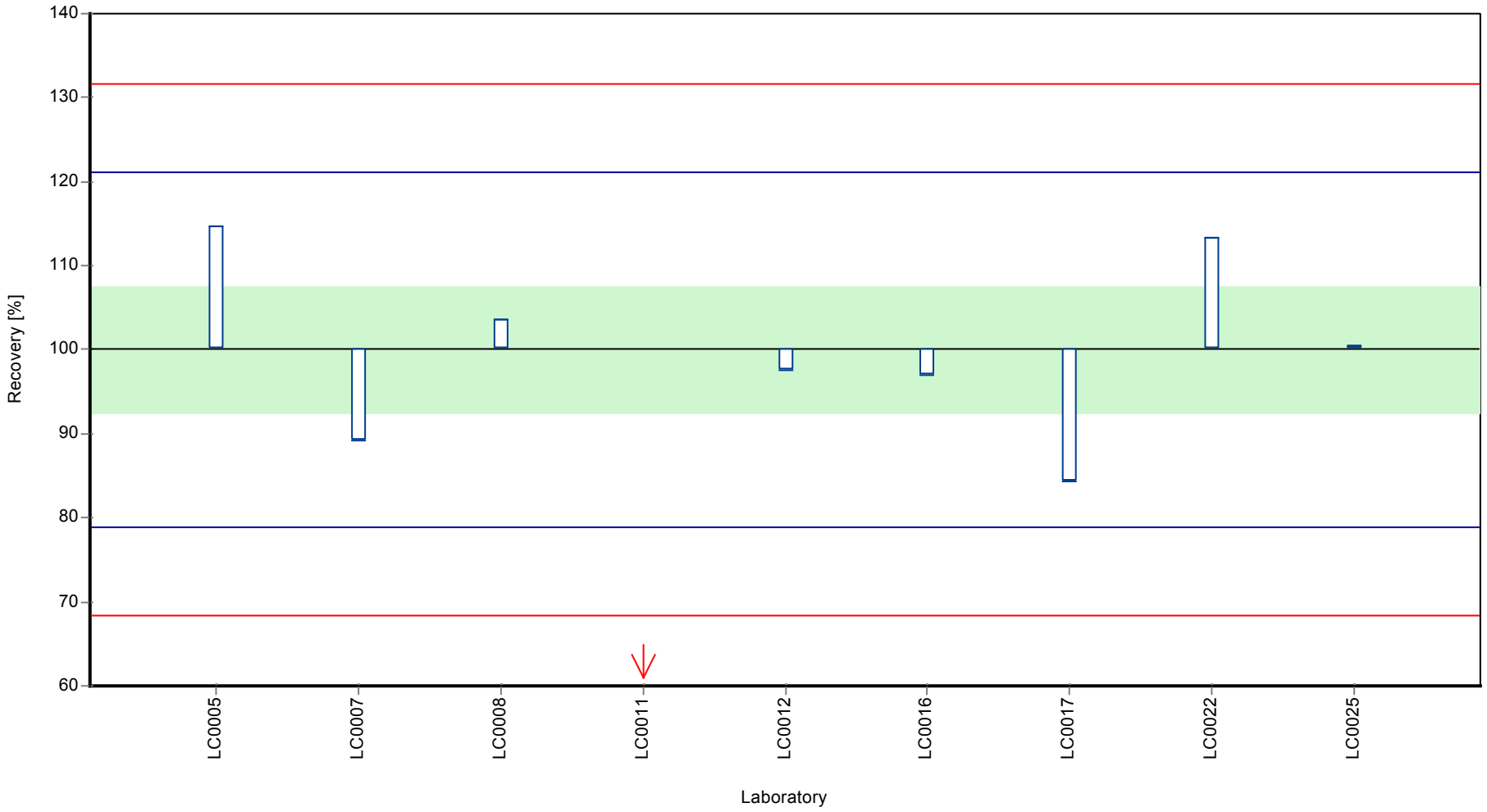
	all results	without outliers	Unit
Mean ± CI (99%)	0.206 ± 0.0684	0.228 ± 0.0255	µg/l
Minimum	0.034	0.192	µg/l
Maximum	0.261	0.261	µg/l
Standard deviation	0.0684	0.0241	µg/l
rel. Standard deviation	33.2	10.6	%
n	9	8	-

Graphical presentation of results

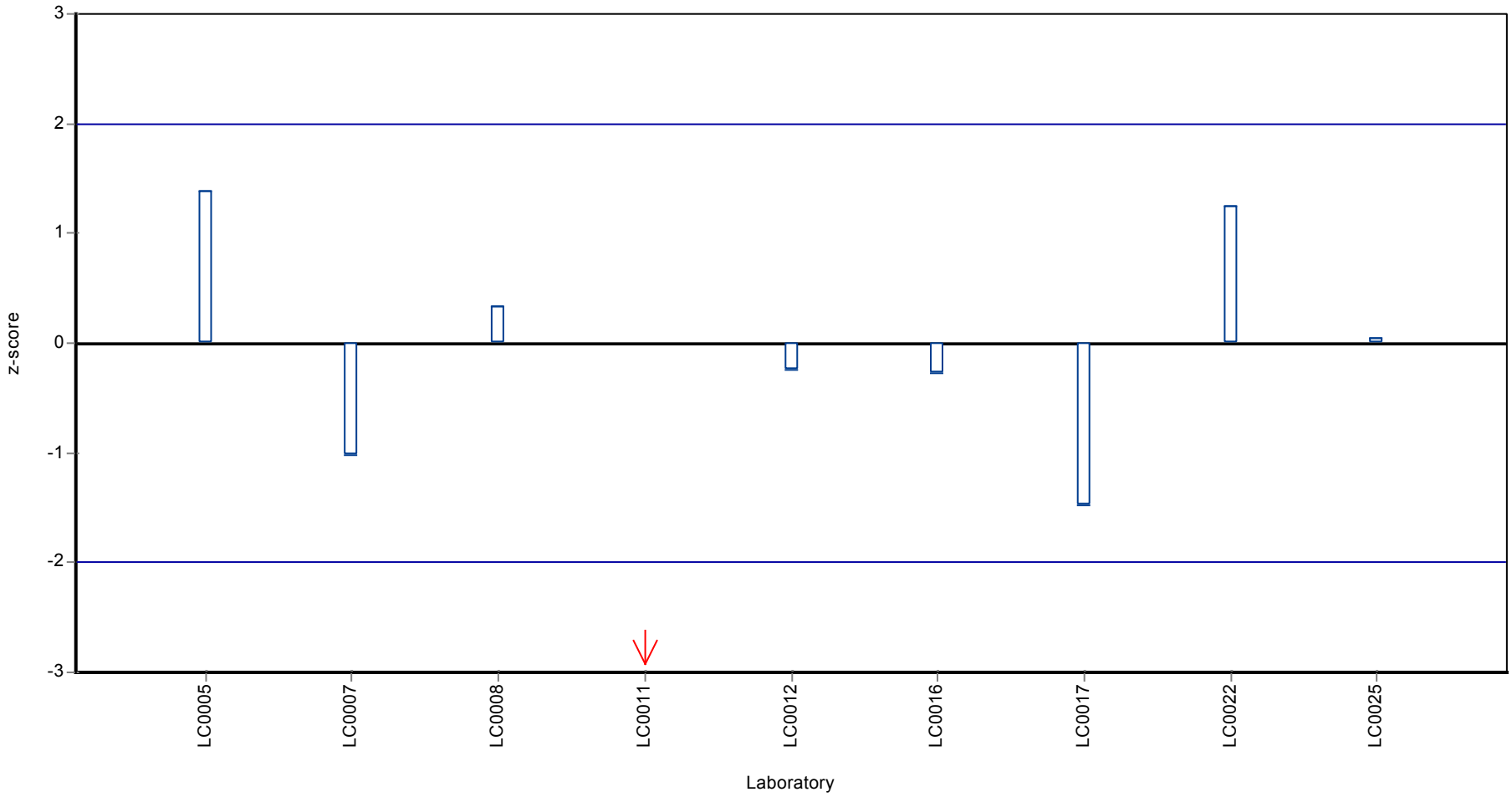
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0011
LC0012
LC0016
LC0017
LC0022
LC0025
Laboratory

Parameter oriented report

PM02 B

Mesosulfuron-methyl

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

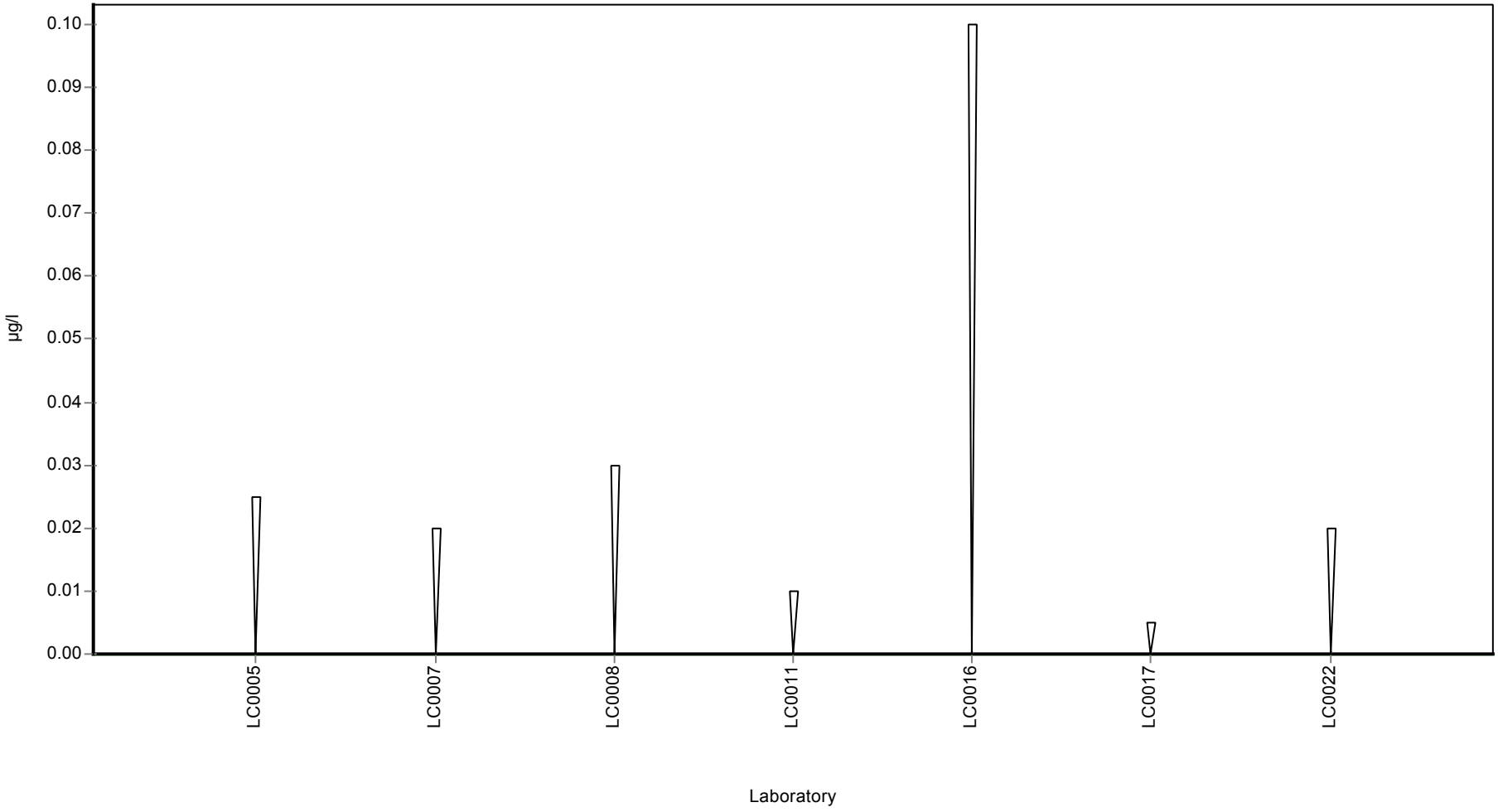
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.005 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Metalaxyl

Unit	µg/l
Mean ± CI (99%)	0.533 ± 0.0393
Minimum - Maximum	0.451 - 0.634
Control test value ± U	0.607 ± 0.0911

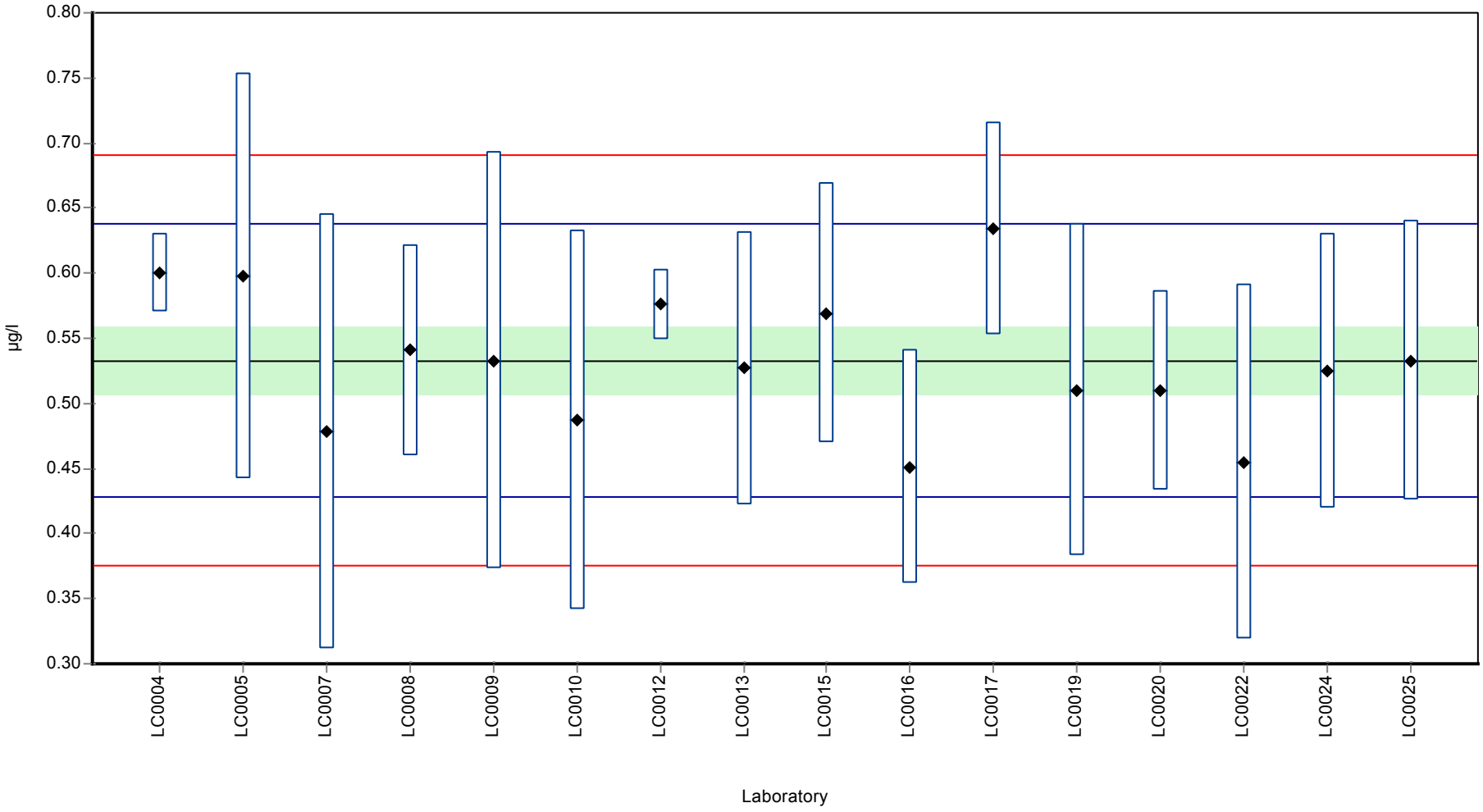
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.6	0.03	113	1.28	
LC0005	0.598	0.156	112	1.24	
LC0006	-	-	-	-	
LC0007	0.478	0.167	89.7	-1.05	
LC0008	0.541	0.081	102	0.15	
LC0009	0.533	0.16	100	0.00	
LC0010	0.487	0.146	91.4	-0.88	
LC0011	-	-	-	-	
LC0012	0.576	0.027	108	0.82	
LC0013	0.527	0.105	98.9	-0.11	
LC0014	-	-	-	-	
LC0015	0.569	0.1	107	0.69	
LC0016	0.451	0.09	84.6	-1.56	
LC0017	0.634	0.082	119	1.93	
LC0018	-	-	-	-	
LC0019	0.51	0.1275	95.7	-0.44	
LC0020	0.51	0.0765	95.7	-0.44	
LC0021	-	-	-	-	
LC0022	0.455	0.1365	85.4	-1.49	
LC0023	-	-	-	-	
LC0024	0.525	0.106	98.5	-0.15	
LC0025	0.533	0.107	100	0.00	
LC0026	-	-	-	-	

Characteristics of parameter

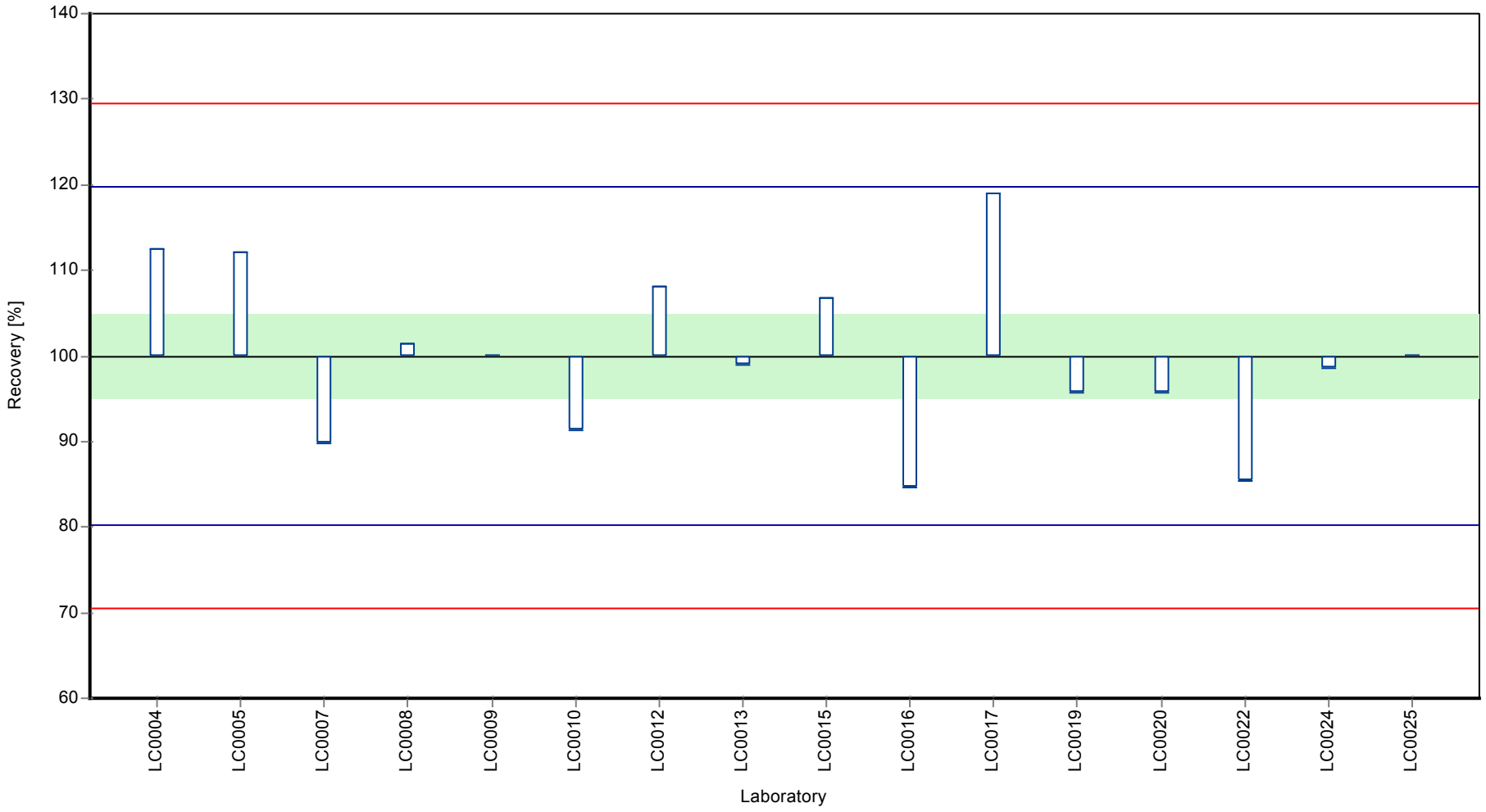
	all results	without outliers	Unit
Mean ± CI (99%)	0.533 ± 0.0393	0.533 ± 0.0393	µg/l
Minimum	0.451	0.451	µg/l
Maximum	0.634	0.634	µg/l
Standard deviation	0.0524	0.0524	µg/l
rel. Standard deviation	9.84	9.84	%
n	16	16	-

Graphical presentation of results

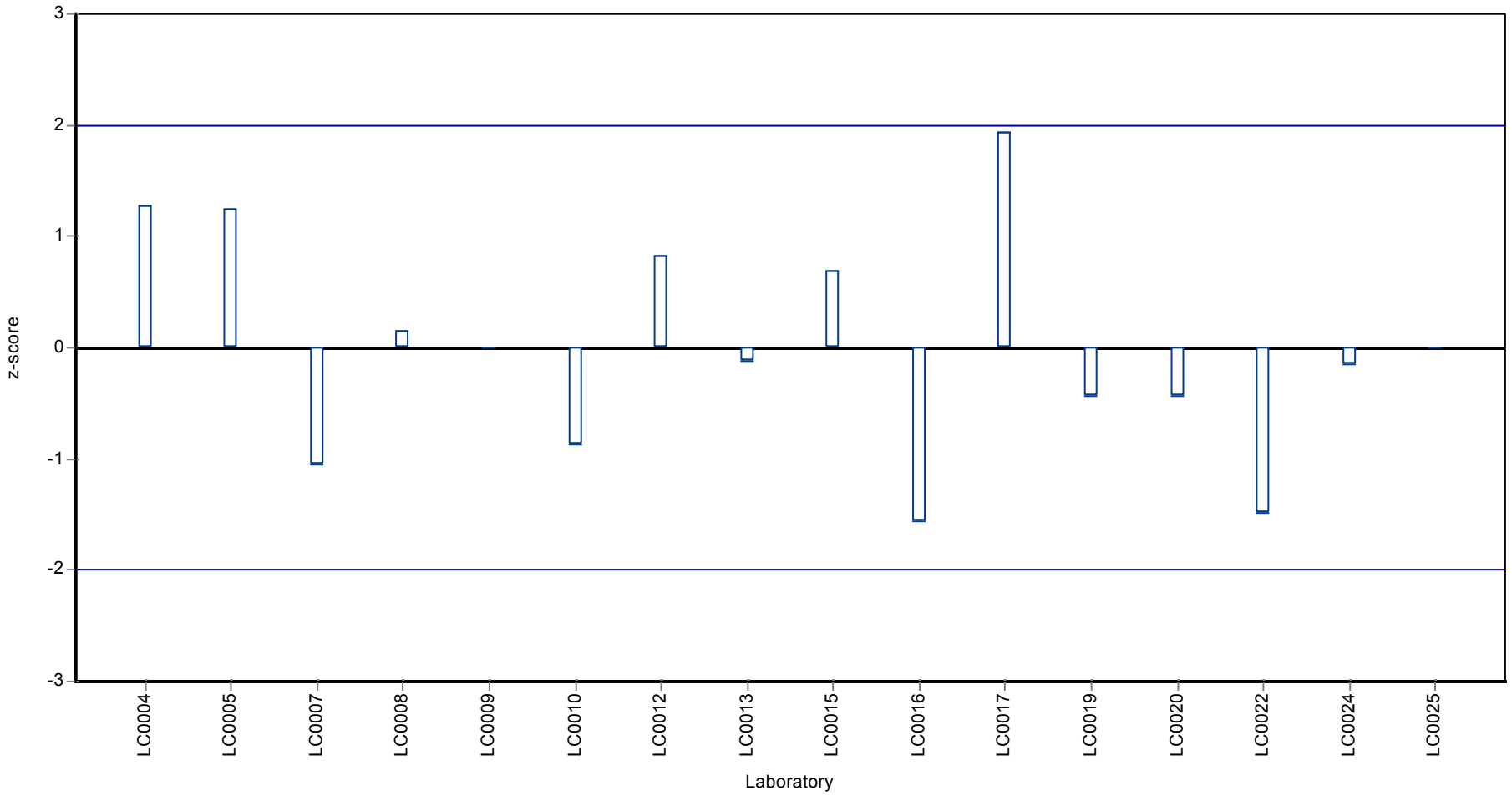
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0004
LC0005
LC0007
LC0008
LC0009
LC0010
LC0012
LC0013
LC0015
LC0016
LC0017
LC0019
LC0020
LC0022
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 B

Metalaxyl

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

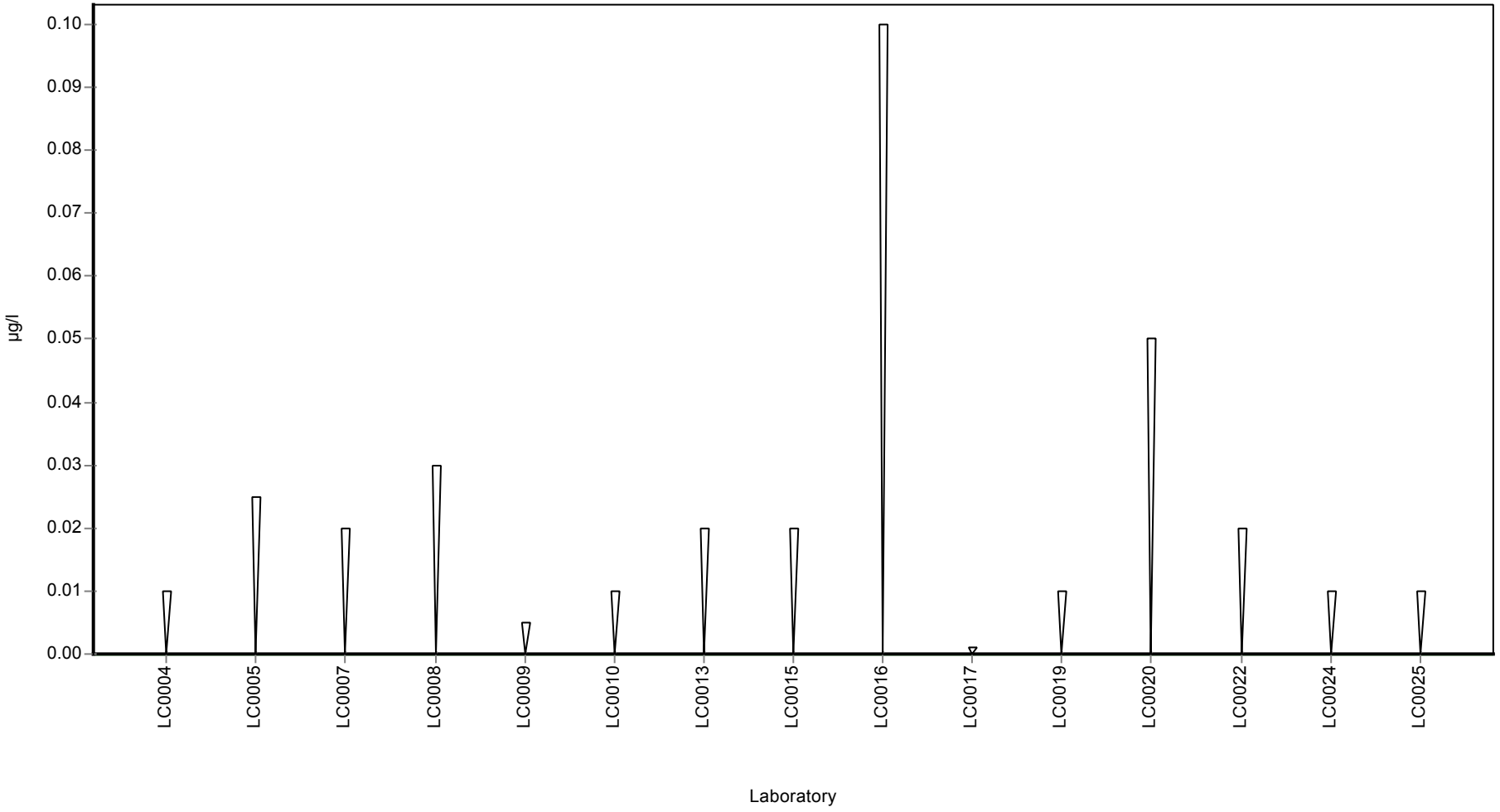
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.001 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Metamitron

Unit	µg/l
Mean ± CI (99%)	0.51 ± 0.0476
Minimum - Maximum	0.43 - 0.666
Control test value ± U	0.475 ± 0.0712

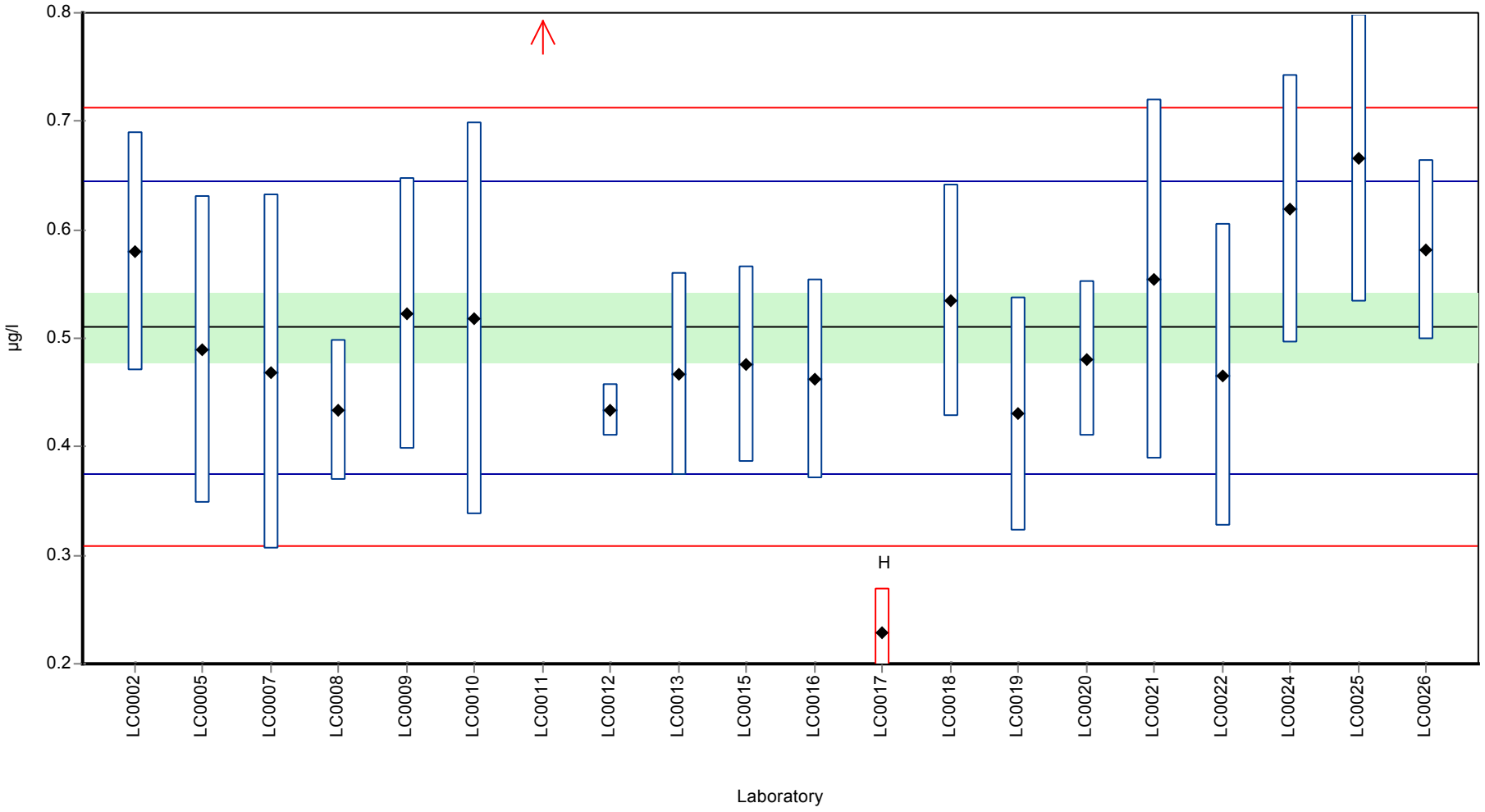
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.58	0.11	114	1.04	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.489	0.142	95.9	-0.31	
LC0006	-	-	-	-	
LC0007	0.469	0.164	91.9	-0.61	
LC0008	0.434	0.065	85.1	-1.13	
LC0009	0.522	0.125	102	0.18	
LC0010	0.518	0.181	102	0.12	
LC0011	1.724	1.034	338	18	H
LC0012	0.434	0.024	85.1	-1.13	
LC0013	0.467	0.093	91.5	-0.64	
LC0014	-	-	-	-	
LC0015	0.476	0.09	93.3	-0.51	
LC0016	0.462	0.092	90.6	-0.71	
LC0017	0.229	0.041	44.9	-4.18	H
LC0018	0.534	0.107	105	0.35	
LC0019	0.43	0.1075	84.3	-1.19	
LC0020	0.481	0.07215	94.3	-0.43	
LC0021	0.554	0.1662	109	0.65	
LC0022	0.466	0.1398	91.4	-0.66	
LC0023	-	-	-	-	
LC0024	0.619	0.124	121	1.62	
LC0025	0.666	0.133	131	2.32	
LC0026	0.581	0.083	114	1.05	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.557 ± 0.194	0.51 ± 0.0476	µg/l
Minimum	0.229	0.43	µg/l
Maximum	1.72	0.666	µg/l
Standard deviation	0.289	0.0673	µg/l
rel. Standard deviation	51.9	13.2	%
n	20	18	-

Graphical presentation of results

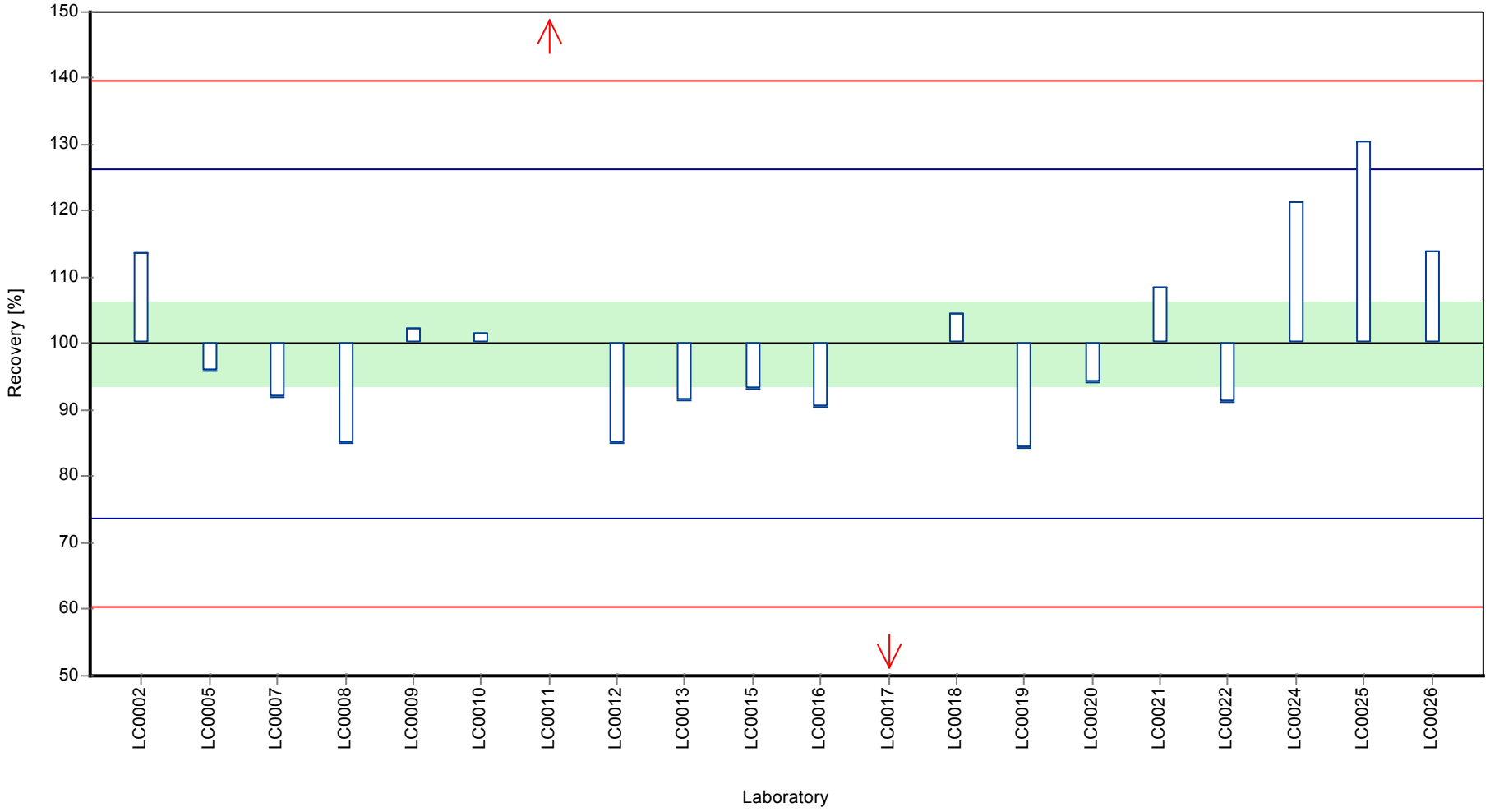
Results



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metamitron

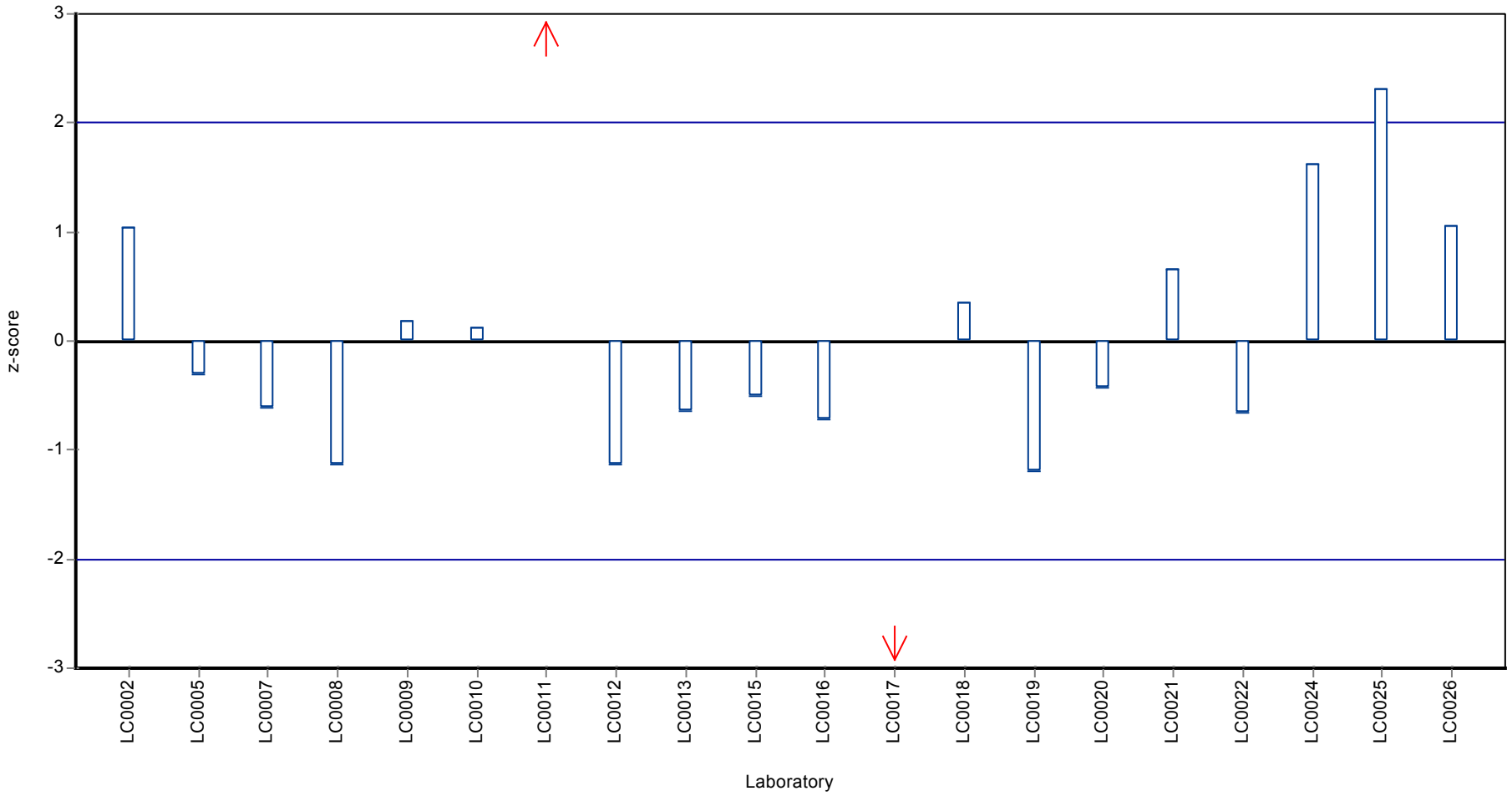
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metamitron

Z-score



Parameter oriented report

PM02 B

Metamitron

Unit	µg/l
Mean ± CI (99%)	0.157 ± 0.0156
Minimum - Maximum	0.123 - 0.211
Control test value ± U	0.148 ± 0.0222

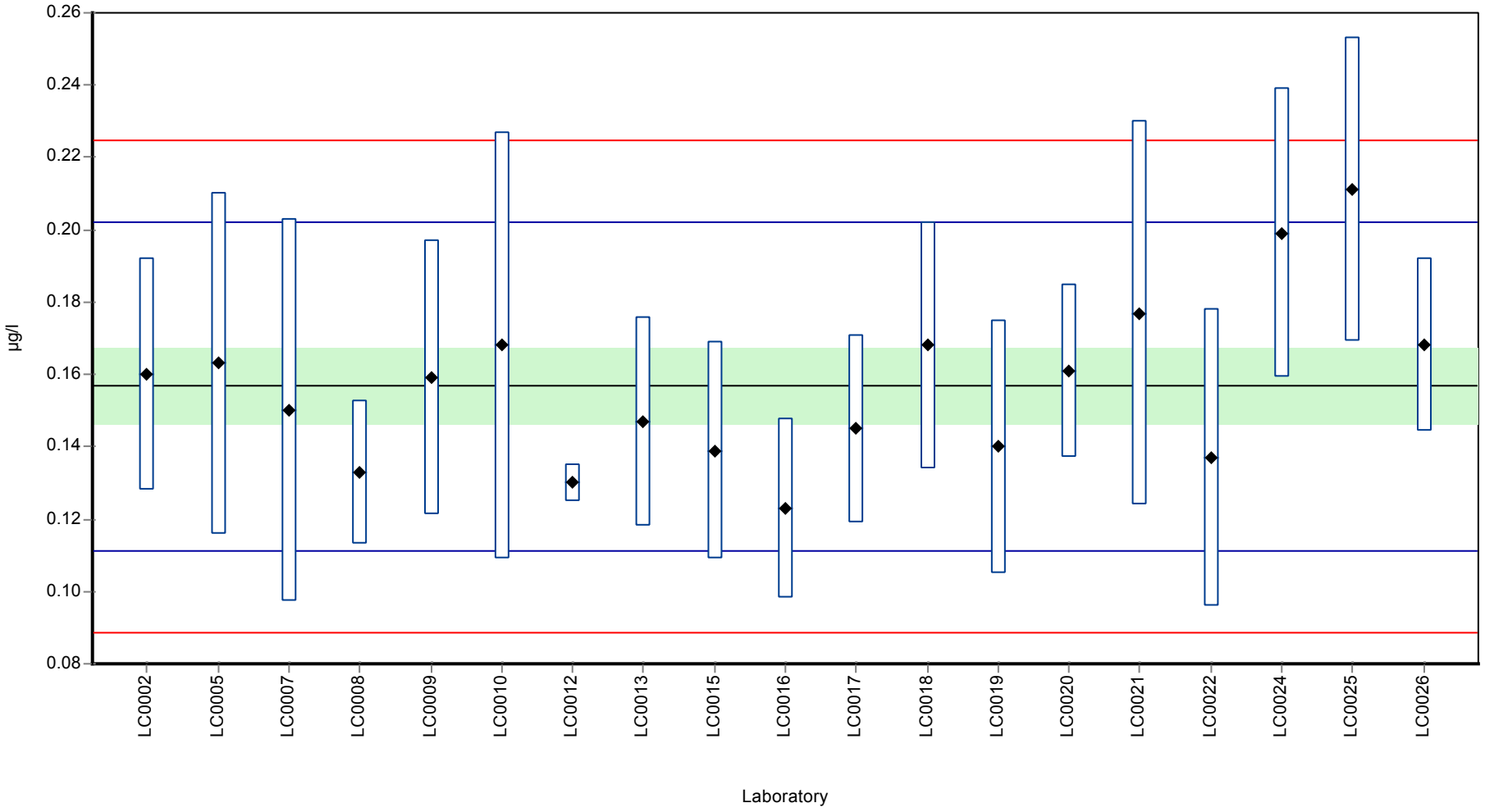
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.16	0.032	102	0.14	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.163	0.0471	104	0.28	
LC0006	-	-	-	-	
LC0007	0.15	0.053	95.7	-0.3	
LC0008	0.133	0.02	84.9	-1.05	
LC0009	0.159	0.038	101	0.1	
LC0010	0.168	0.059	107	0.5	
LC0011	-	-	-	-	
LC0012	0.13	0.005	82.9	-1.18	
LC0013	0.147	0.029	93.8	-0.43	
LC0014	-	-	-	-	
LC0015	0.139	0.03	88.7	-0.78	
LC0016	0.123	0.025	78.5	-1.49	
LC0017	0.145	0.026	92.5	-0.52	
LC0018	0.168	0.034	107	0.5	
LC0019	0.14	0.035	89.3	-0.74	
LC0020	0.161	0.02415	103	0.19	
LC0021	0.177	0.0531	113	0.89	
LC0022	0.137	0.0411	87.4	-0.87	
LC0023	-	-	-	-	
LC0024	0.199	0.04	127	1.86	
LC0025	0.211	0.042	135	2.39	
LC0026	0.168	0.024	107	0.5	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.157 ± 0.0156	0.157 ± 0.0156	µg/l
Minimum	0.123	0.123	µg/l
Maximum	0.211	0.211	µg/l
Standard deviation	0.0227	0.0227	µg/l
rel. Standard deviation	14.5	14.5	%
n	19	19	-

Graphical presentation of results

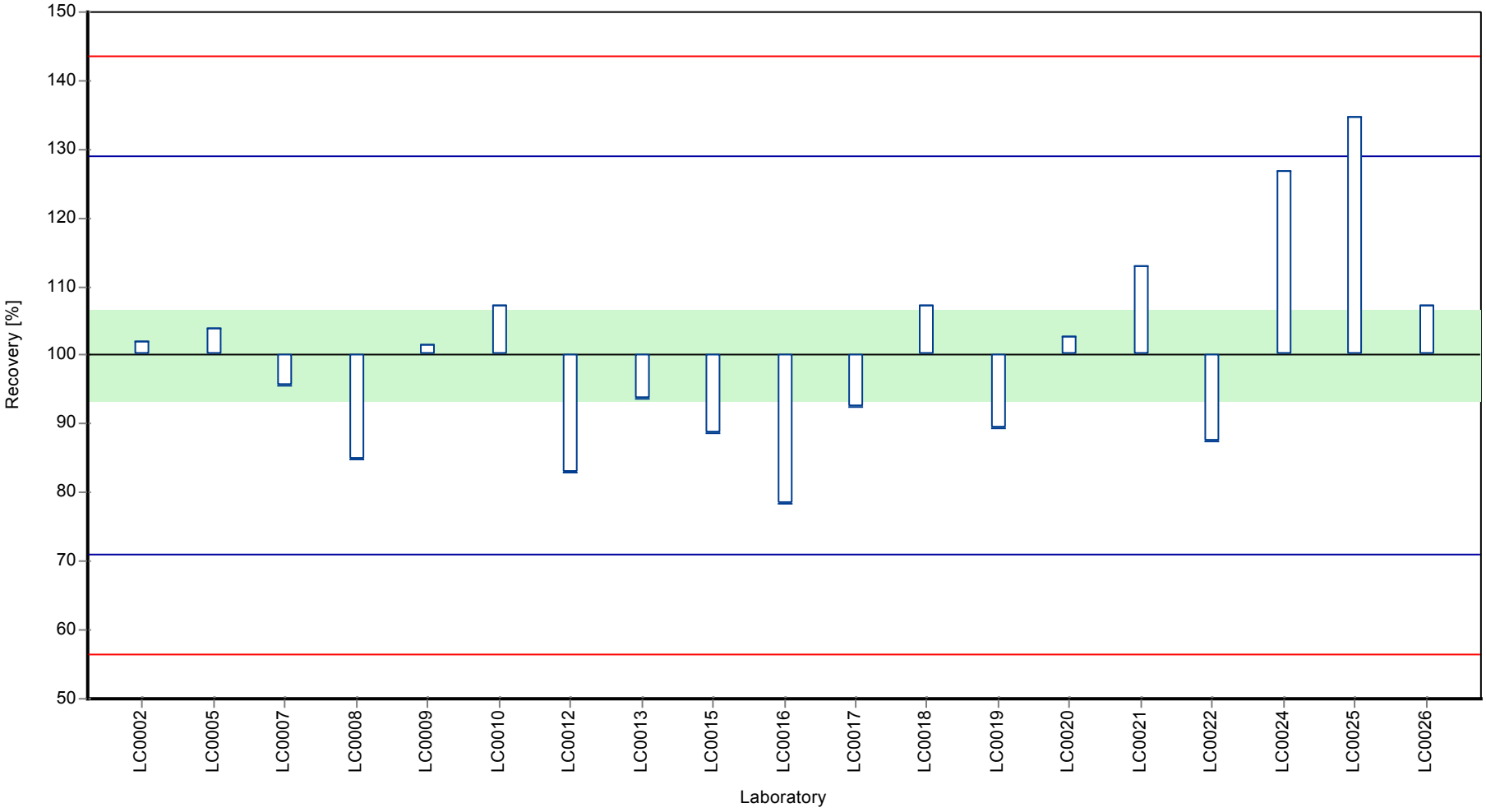
Results



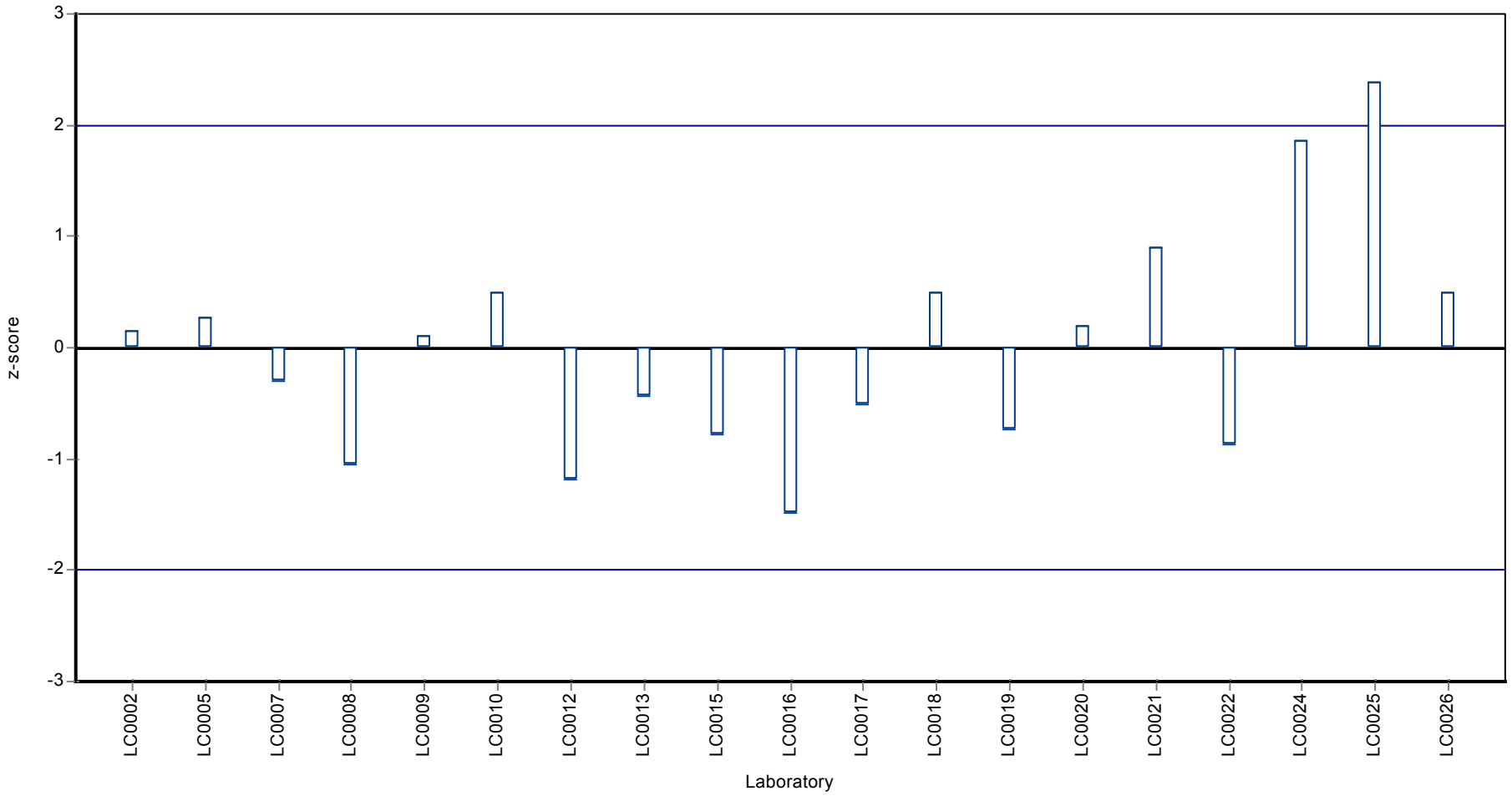
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Metamitron

Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0002
LC0005
LC0007
LC0008
LC0009
LC0010
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0024
LC0025
LC0026
Laboratory

Parameter oriented report

PM02 A

Metazachlor

Unit	µg/l
Mean ± CI (99%)	0.26 ± 0.00676
Minimum - Maximum	0.241 - 0.274
Control test value ± U	0.264 ± 0.0397

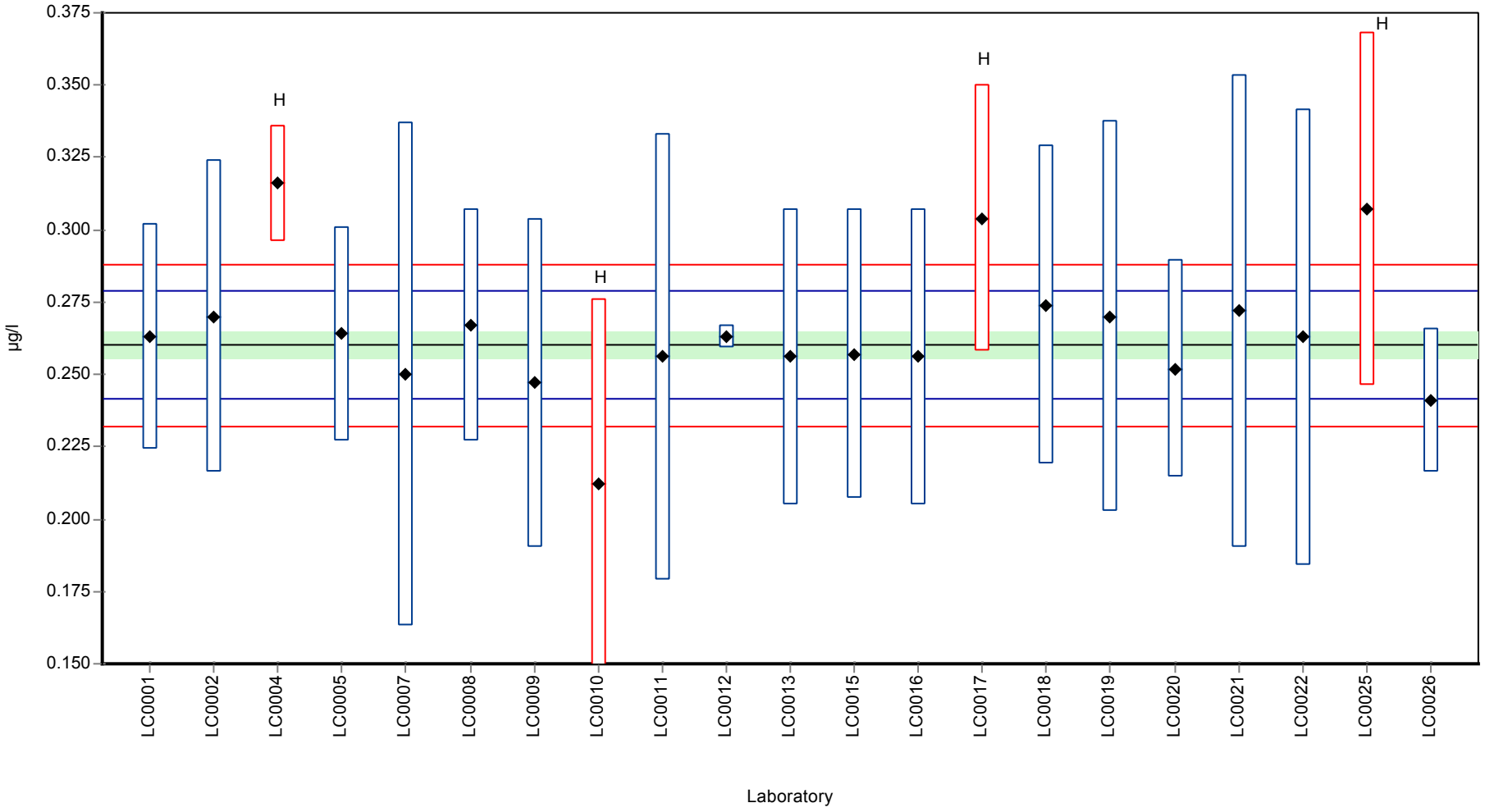
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.263	0.039	101	0.32	
LC0002	0.27	0.054	104	1.07	
LC0003	-	-	-	-	
LC0004	0.316	0.02	122	6.02	H
LC0005	0.264	0.037	102	0.42	
LC0006	-	-	-	-	
LC0007	0.25	0.087	96.1	-1.08	
LC0008	0.267	0.04	103	0.75	
LC0009	0.247	0.057	95	-1.4	
LC0010	0.212	0.064	81.5	-5.17	H
LC0011	0.256	0.077	98.4	-0.44	
LC0012	0.263	0.004	101	0.32	
LC0013	0.256	0.051	98.4	-0.44	
LC0014	-	-	-	-	
LC0015	0.257	0.05	98.8	-0.33	
LC0016	0.256	0.051	98.4	-0.44	
LC0017	0.304	0.046	117	4.73	H
LC0018	0.274	0.055	105	1.5	
LC0019	0.27	0.0675	104	1.07	
LC0020	0.252	0.0378	96.9	-0.87	
LC0021	0.272	0.0816	105	1.28	
LC0022	0.263	0.0789	101	0.32	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.307	0.061	118	5.05	H
LC0026	0.241	0.025	92.7	-2.05	

Characteristics of parameter

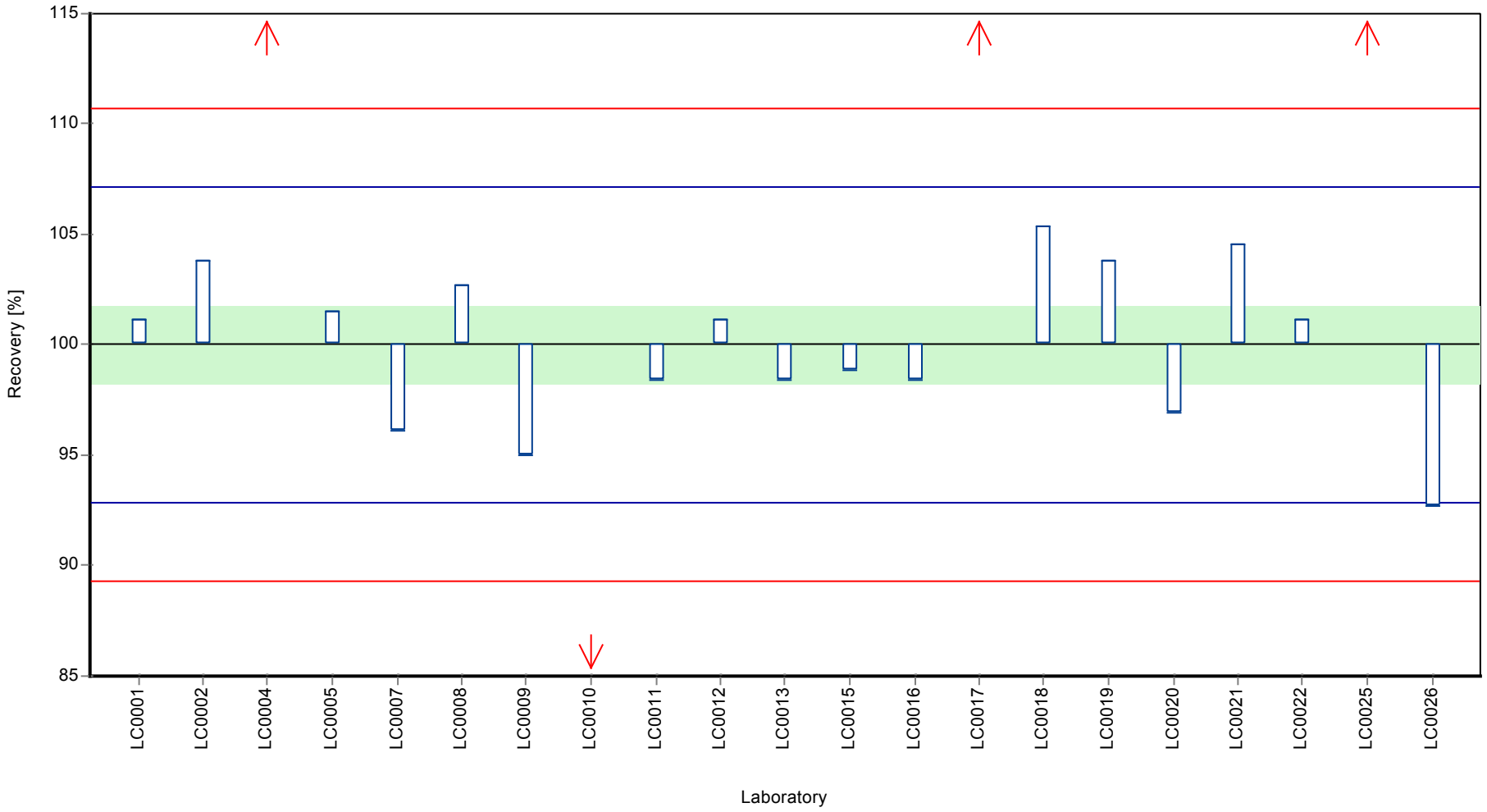
	all results	without outliers	Unit
Mean ± CI (99%)	0.265 ± 0.015	0.26 ± 0.00676	µg/l
Minimum	0.212	0.241	µg/l
Maximum	0.316	0.274	µg/l
Standard deviation	0.0229	0.0093	µg/l
rel. Standard deviation	8.65	3.57	%
n	21	17	-

Graphical presentation of results

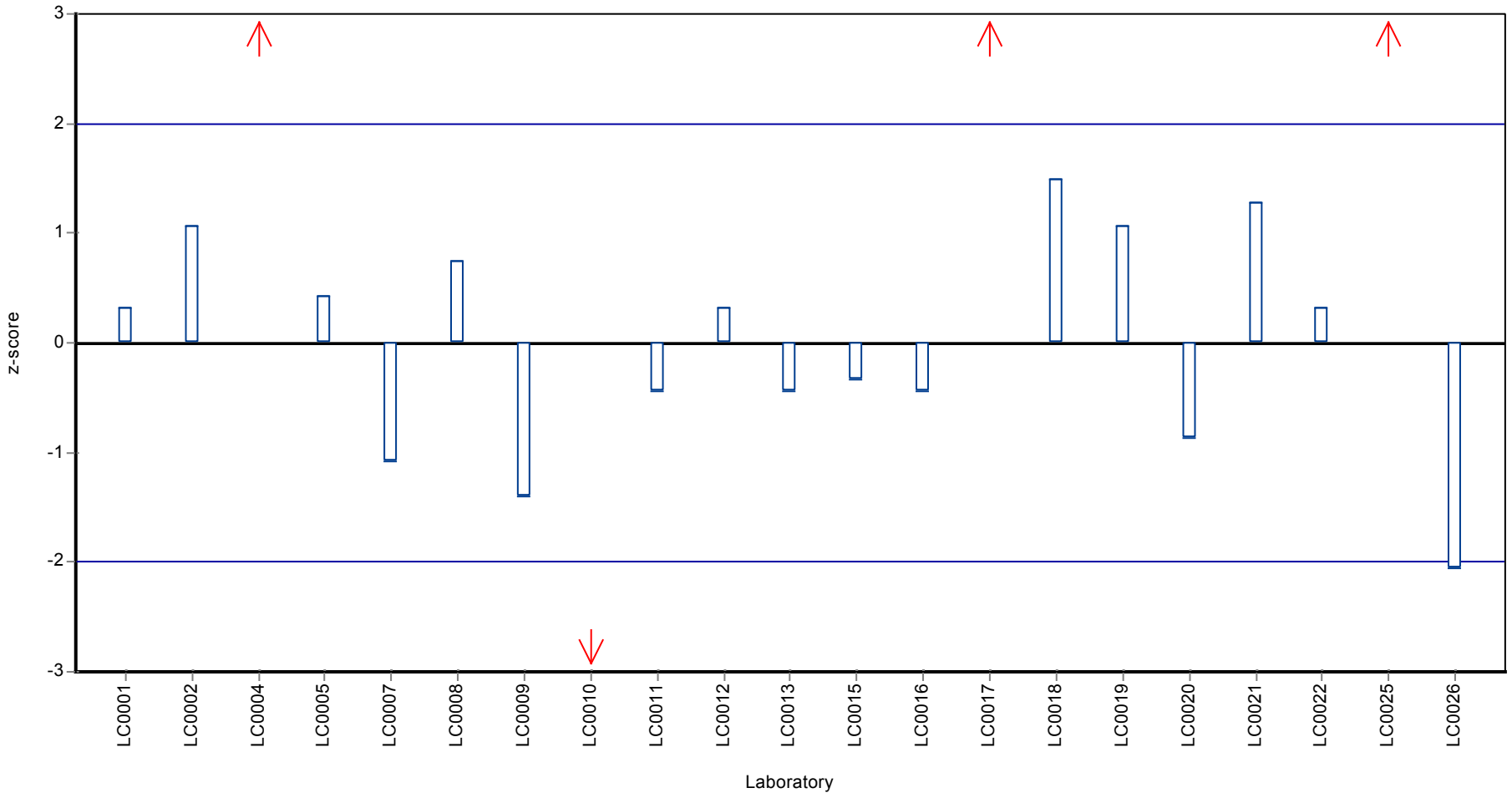
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0002
LC0004
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0025
LC0026
Laboratory

Parameter oriented report

PM02 B

Metazachlor

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

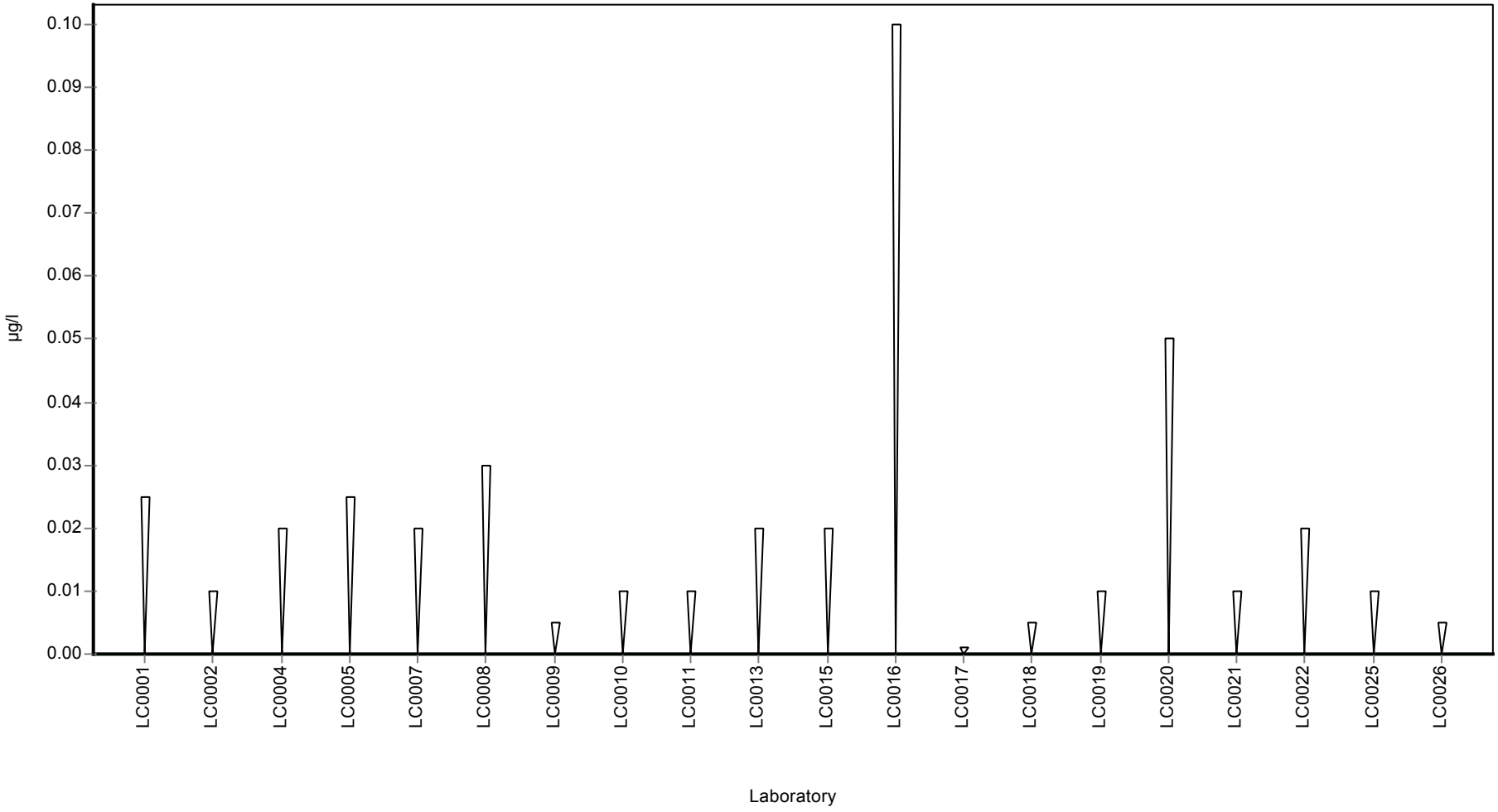
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.025 (LOQ)	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.02 (LOQ)	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.001 (LOD)	-	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	< 0.005 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Metazachlor ethane sulfonic acid (Metazachlor-ESA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

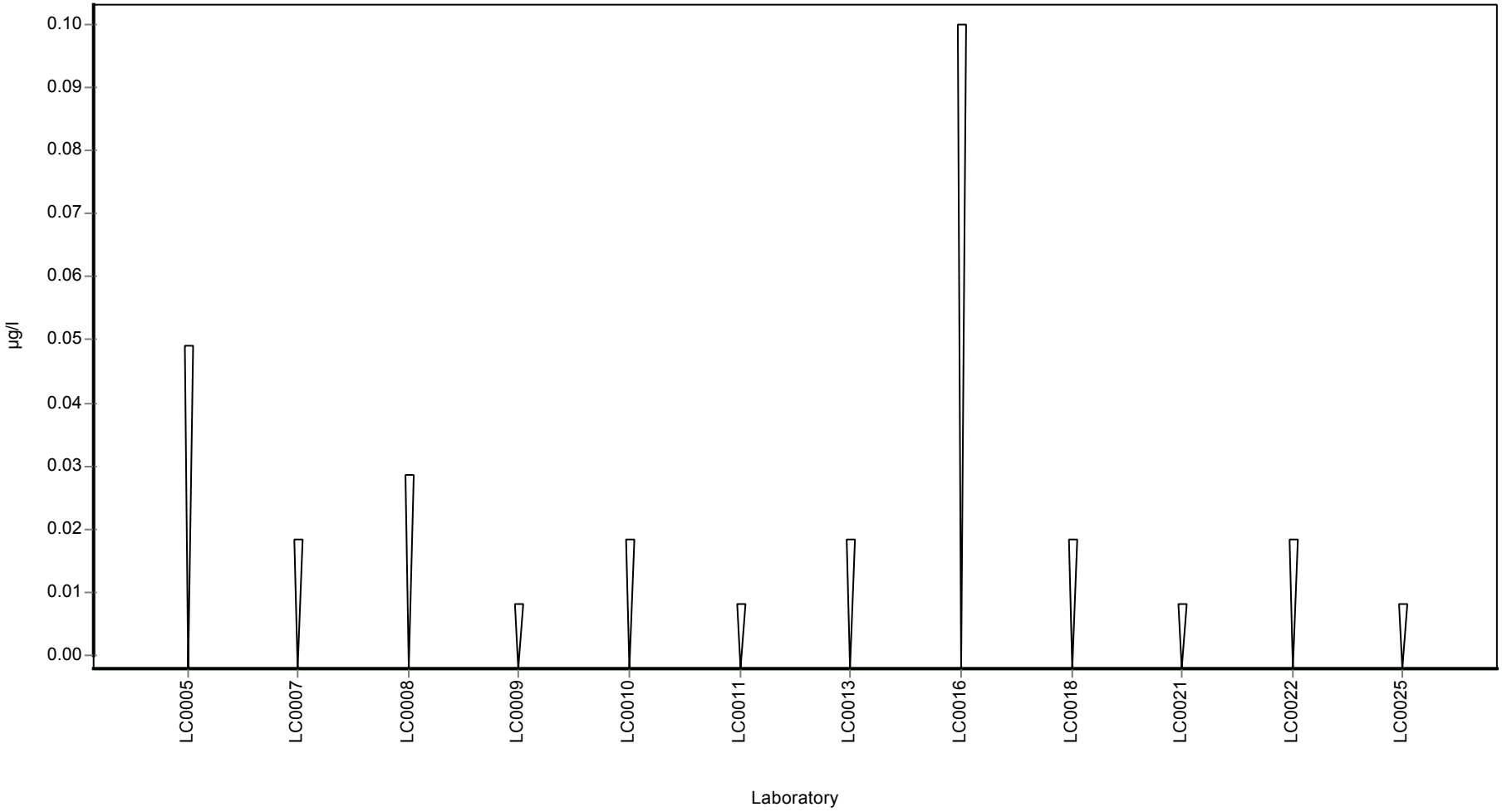
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.02 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Metazachlor ethane sulfonic acid (Metazachlor-ESA)

Unit	µg/l
Mean ± CI (99%)	2.77 ± 0.367
Minimum - Maximum	2.08 - 3.26
Control test value ± U	2.66 ± 0.4

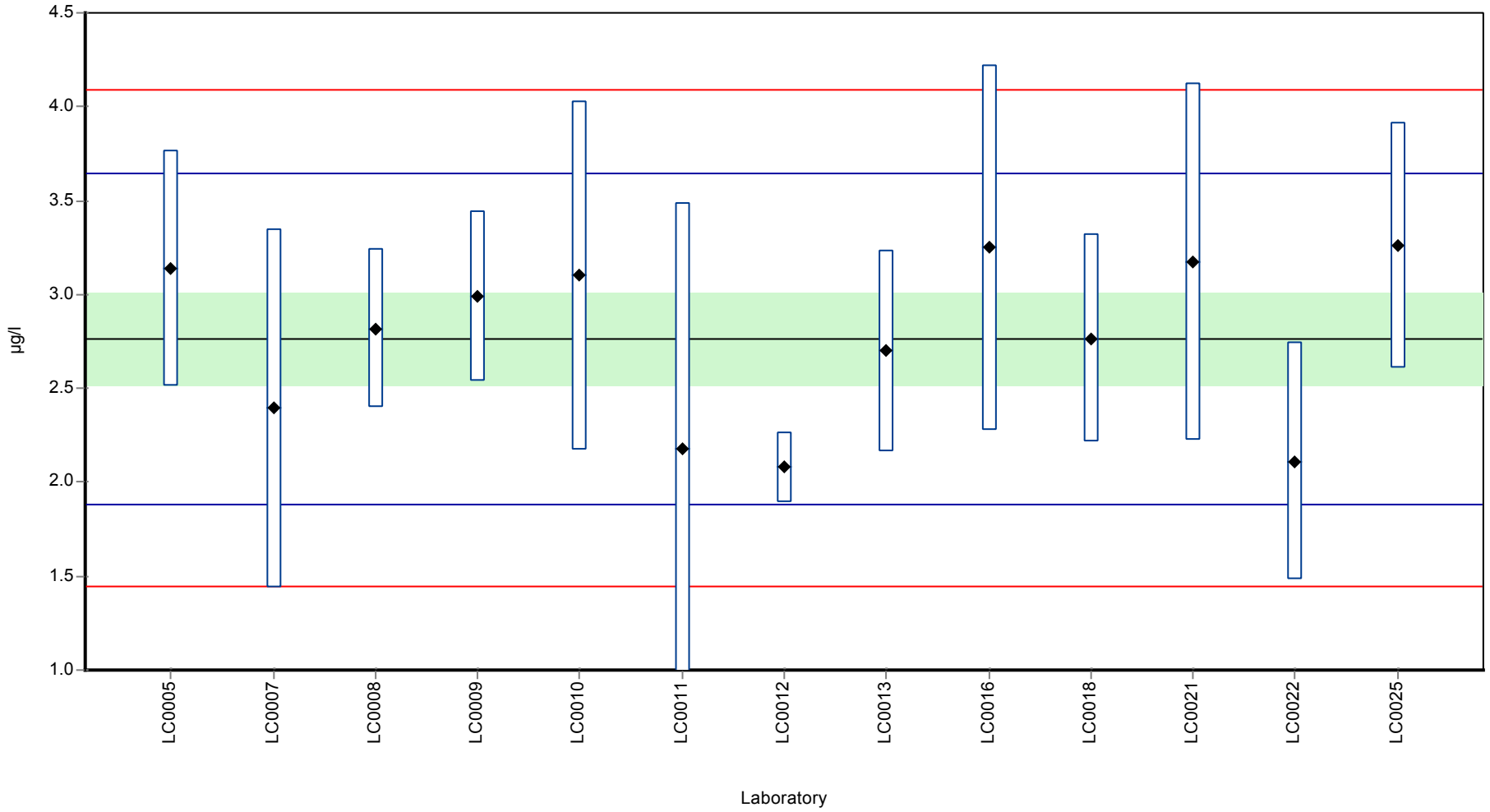
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	3.14	0.629	114	0.85	
LC0006	-	-	-	-	
LC0007	2.394	0.958	86.5	-0.84	
LC0008	2.819	0.423	102	0.12	
LC0009	2.99	0.45	108	0.51	
LC0010	3.1	0.93	112	0.76	
LC0011	2.181	1.31	78.8	-1.33	
LC0012	2.079	0.187	75.2	-1.56	
LC0013	2.698	0.539	97.5	-0.15	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	3.249	0.975	117	1.09	
LC0017	-	-	-	-	
LC0018	2.765	0.553	100	0.00	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	3.175	0.9525	115	0.93	
LC0022	2.11	0.633	76.3	-1.49	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	3.261	0.652	118	1.12	
LC0026	-	-	-	-	

Characteristics of parameter

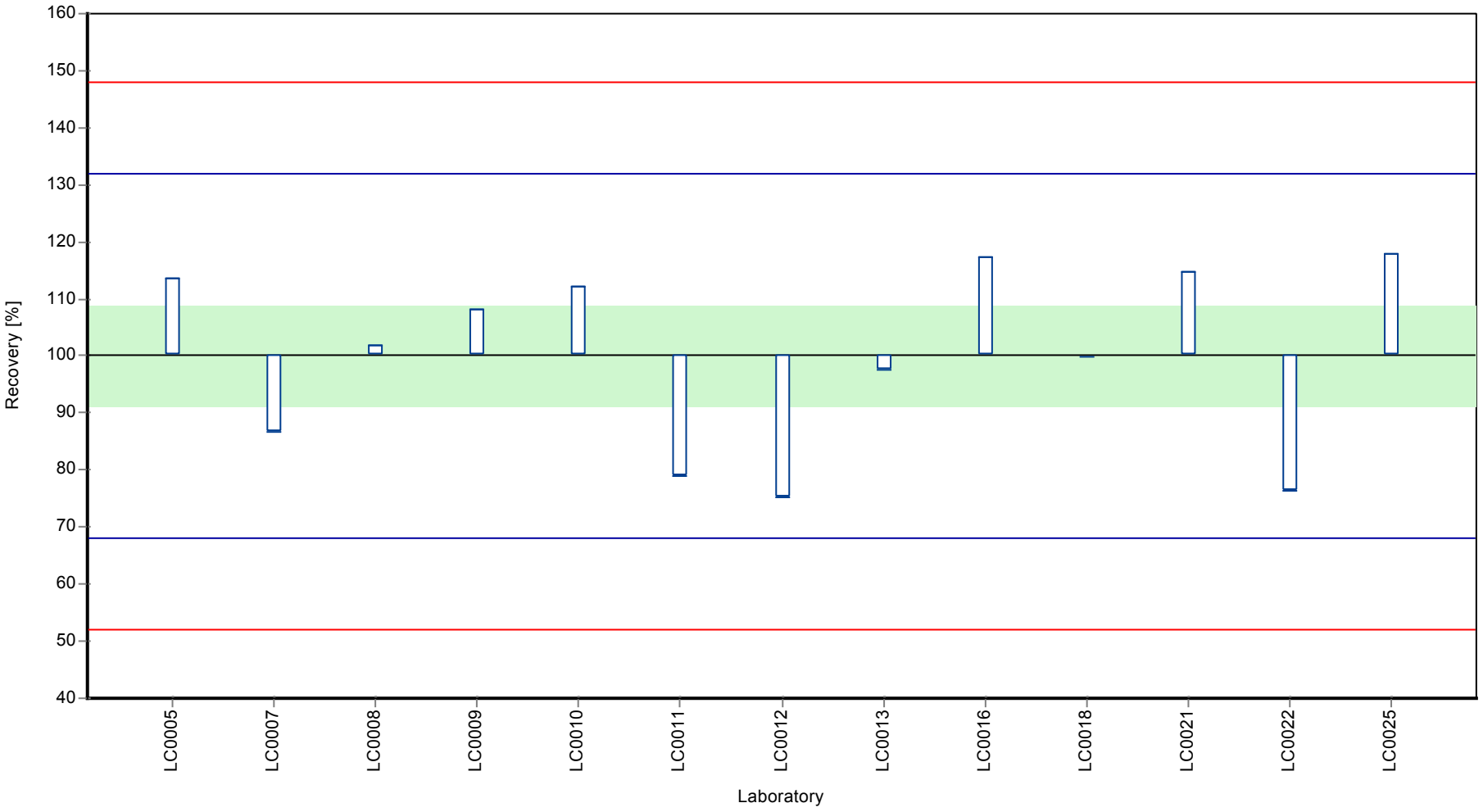
	all results	without outliers	Unit
Mean ± CI (99%)	2.77 ± 0.367	2.77 ± 0.367	µg/l
Minimum	2.08	2.08	µg/l
Maximum	3.26	3.26	µg/l
Standard deviation	0.441	0.441	µg/l
rel. Standard deviation	16	16	%
n	13	13	-

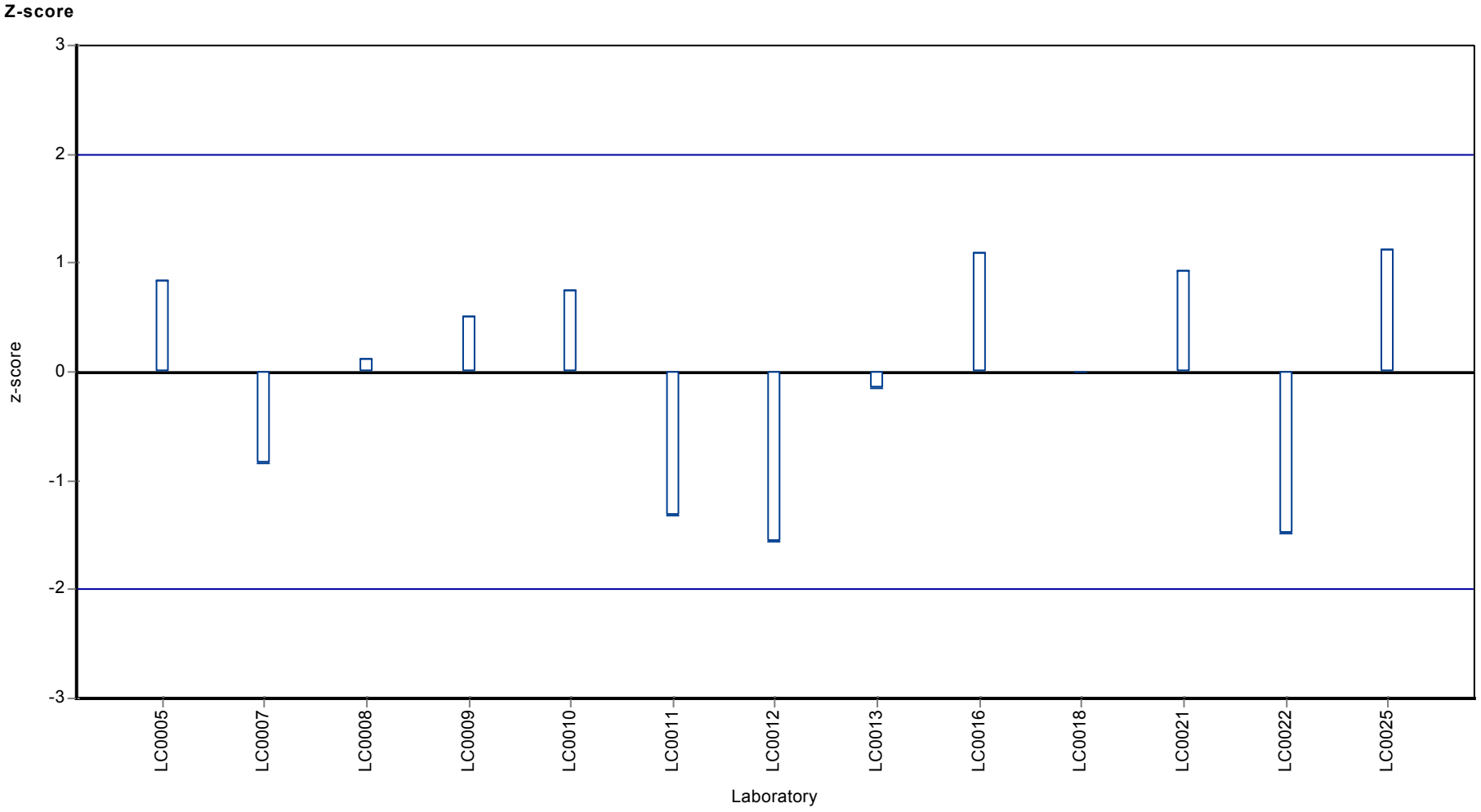
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0016
LC0018
LC0021
LC0022
LC0025
Laboratory

Parameter oriented report

PM02 A

Metazachlor oxanilic acid (Metazachlor-OA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

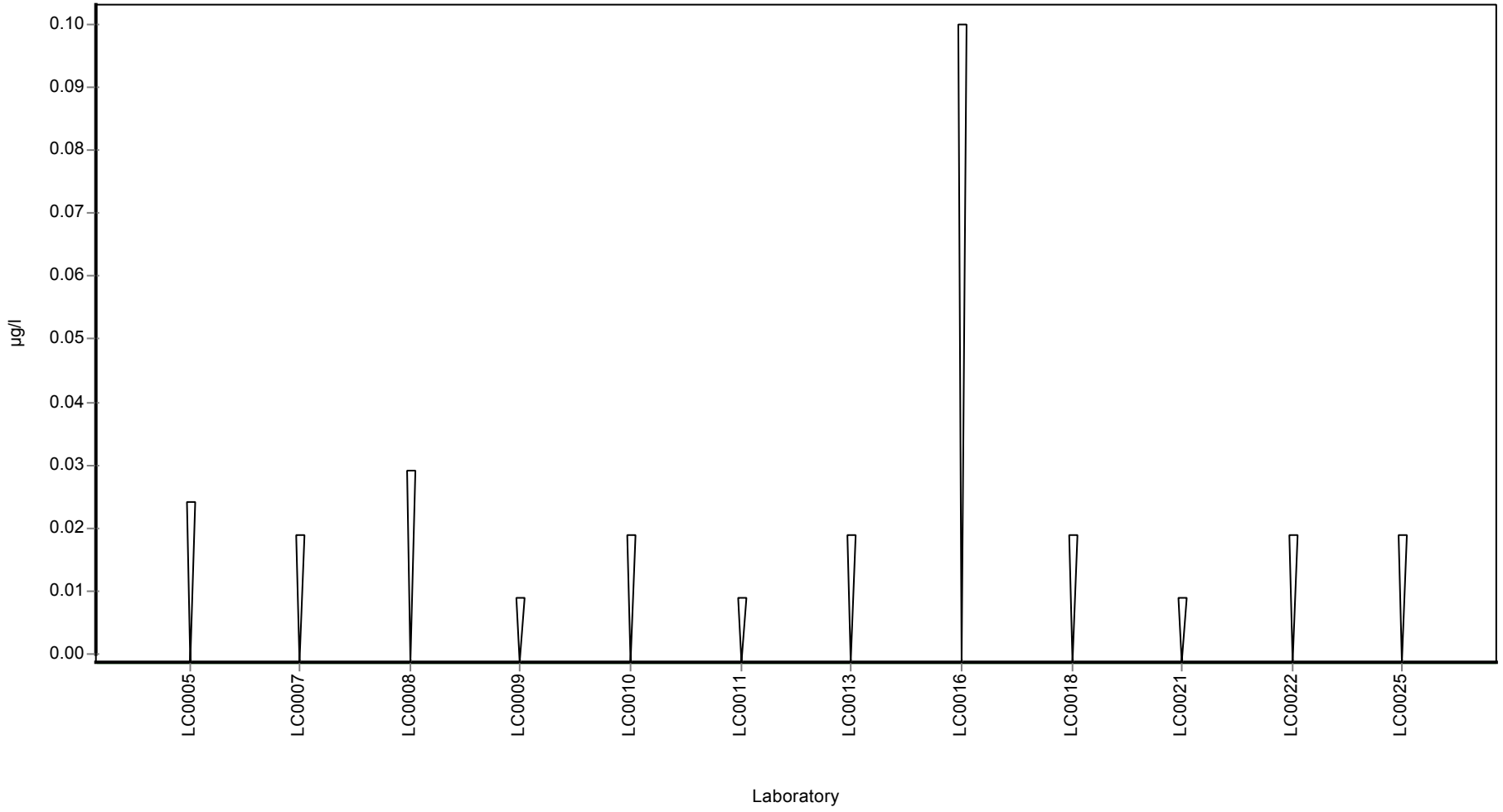
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.02 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.02 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Metazachlor oxanilic acid (Metazachlor-OA)

Unit	µg/l
Mean ± CI (99%)	1.32 ± 0.202
Minimum - Maximum	0.875 - 1.64
Control test value ± U	1.18 ± 0.177

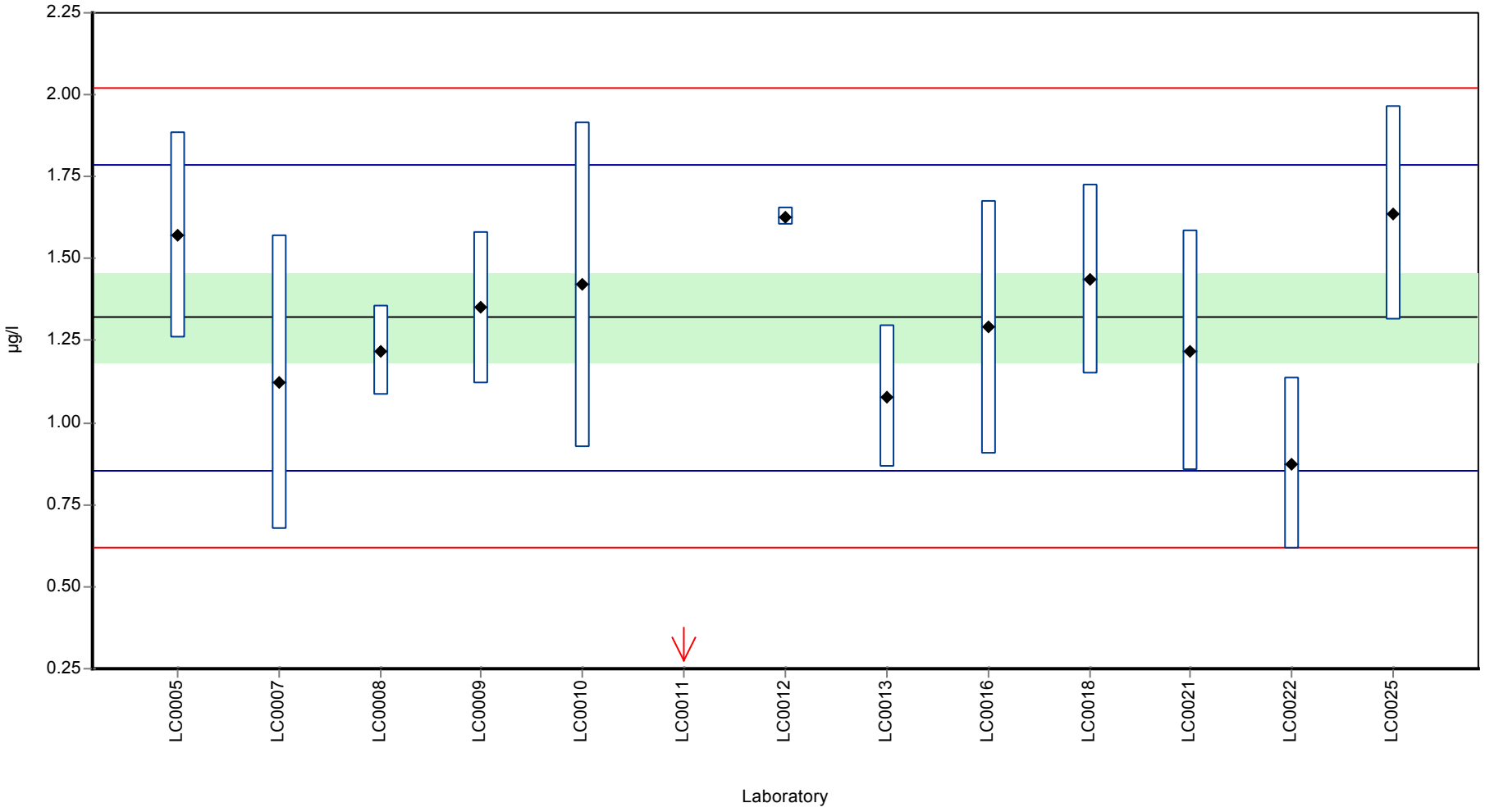
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	1.57	0.315	119	1.07	
LC0006	-	-	-	-	
LC0007	1.123	0.449	85	-0.85	
LC0008	1.219	0.138	92.3	-0.44	
LC0009	1.35	0.23	102	0.12	
LC0010	1.42	0.497	107	0.42	
LC0011	0.124	0.0744	9.4	-5.13	H
LC0012	1.627	0.027	123	1.31	
LC0013	1.08	0.216	81.8	-1.03	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	1.291	0.387	97.7	-0.13	
LC0017	-	-	-	-	
LC0018	1.438	0.288	109	0.5	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	1.22	0.366	92.4	-0.43	
LC0022	0.875	0.2625	66.2	-1.91	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	1.639	0.328	124	1.36	
LC0026	-	-	-	-	

Characteristics of parameter

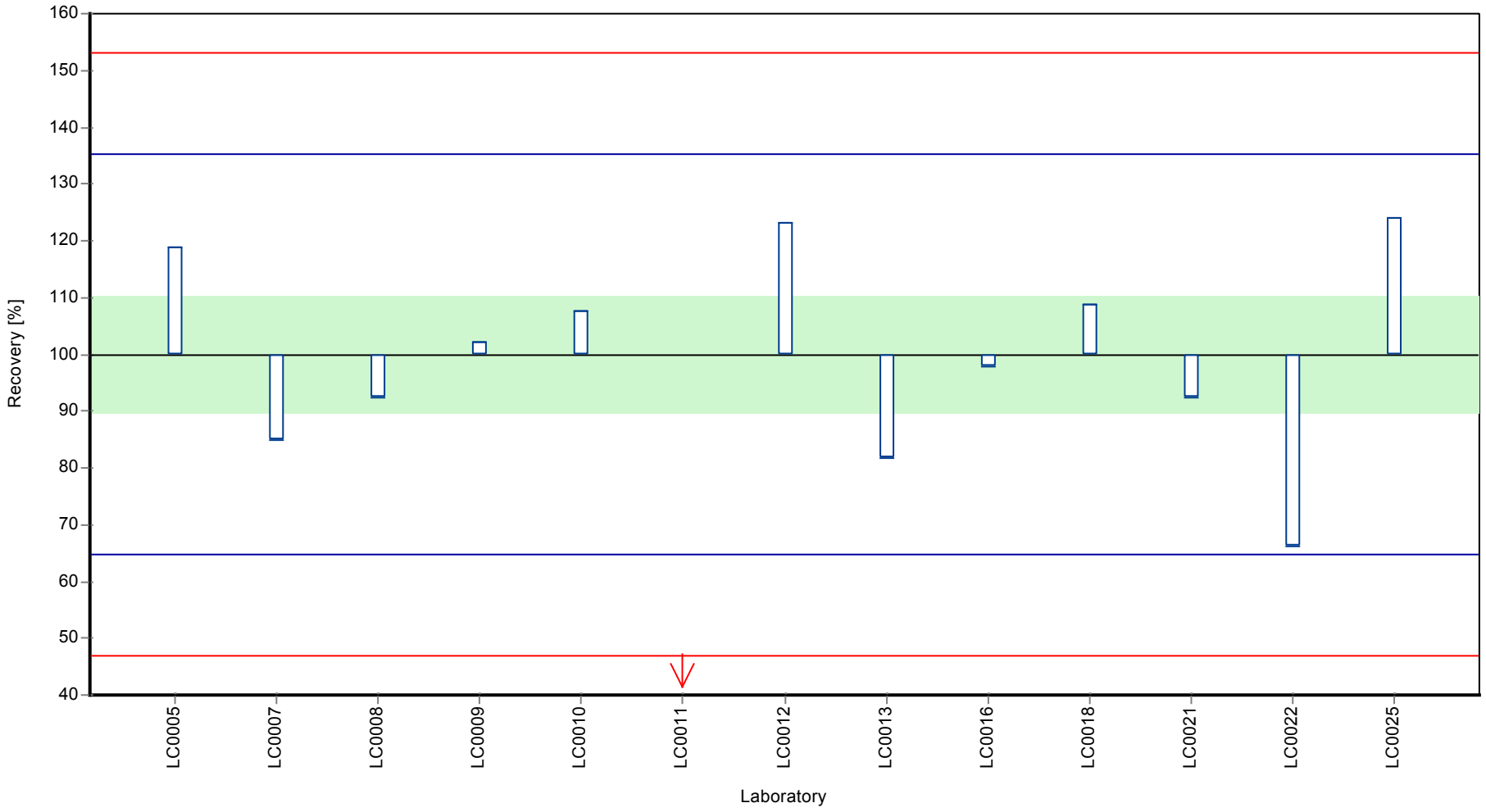
	all results	without outliers	Unit
Mean ± CI (99%)	1.23 ± 0.333	1.32 ± 0.202	µg/l
Minimum	0.124	0.875	µg/l
Maximum	1.64	1.64	µg/l
Standard deviation	0.4	0.233	µg/l
rel. Standard deviation	32.6	17.7	%
n	13	12	-

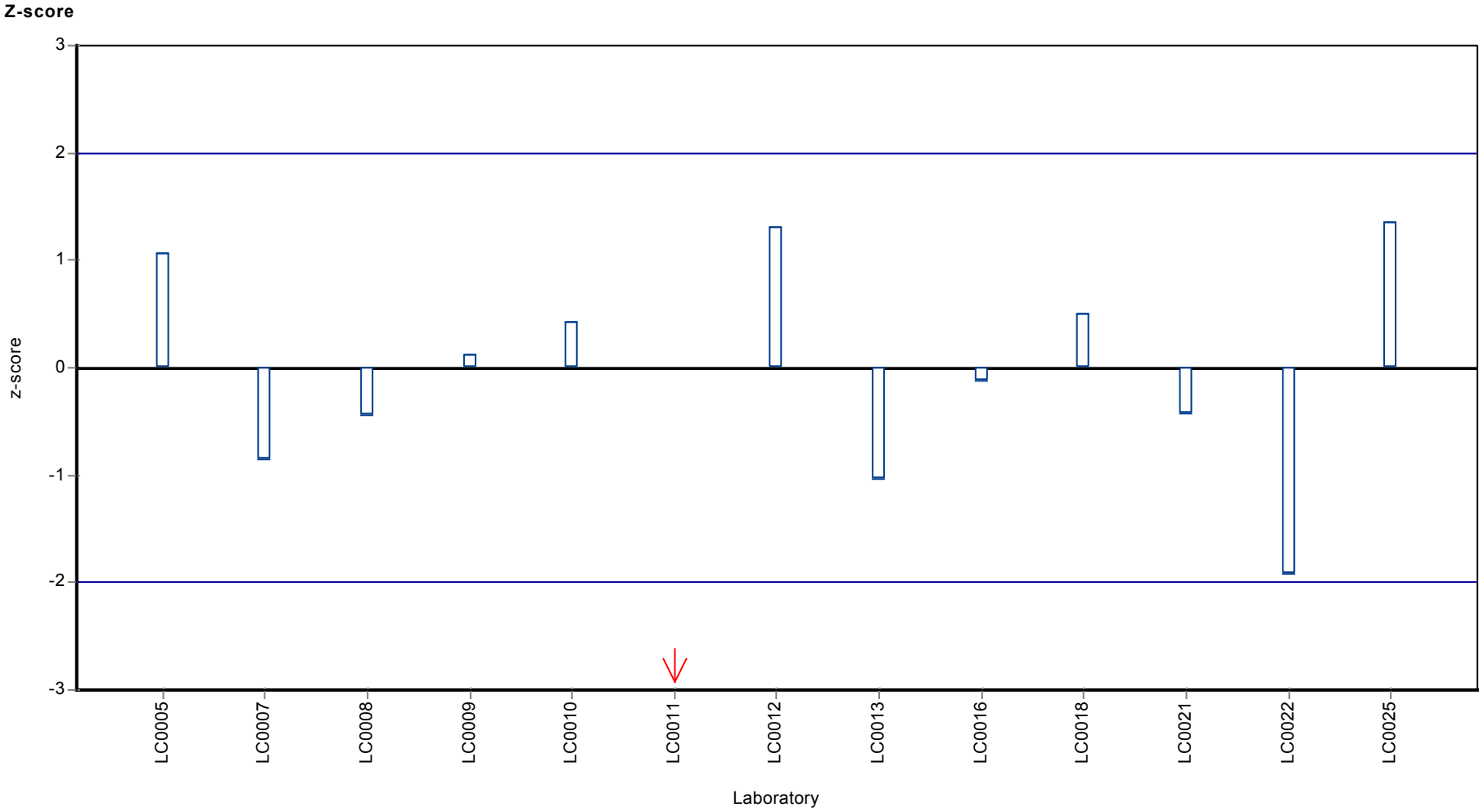
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0016
LC0018
LC0021
LC0022
LC0025
Laboratory

Parameter oriented report

PM02 A

Metolachlor

Unit	µg/l
Mean ± CI (99%)	0.403 ± 0.0313
Minimum - Maximum	0.282 - 0.5
Control test value ± U	0.434 ± 0.0651

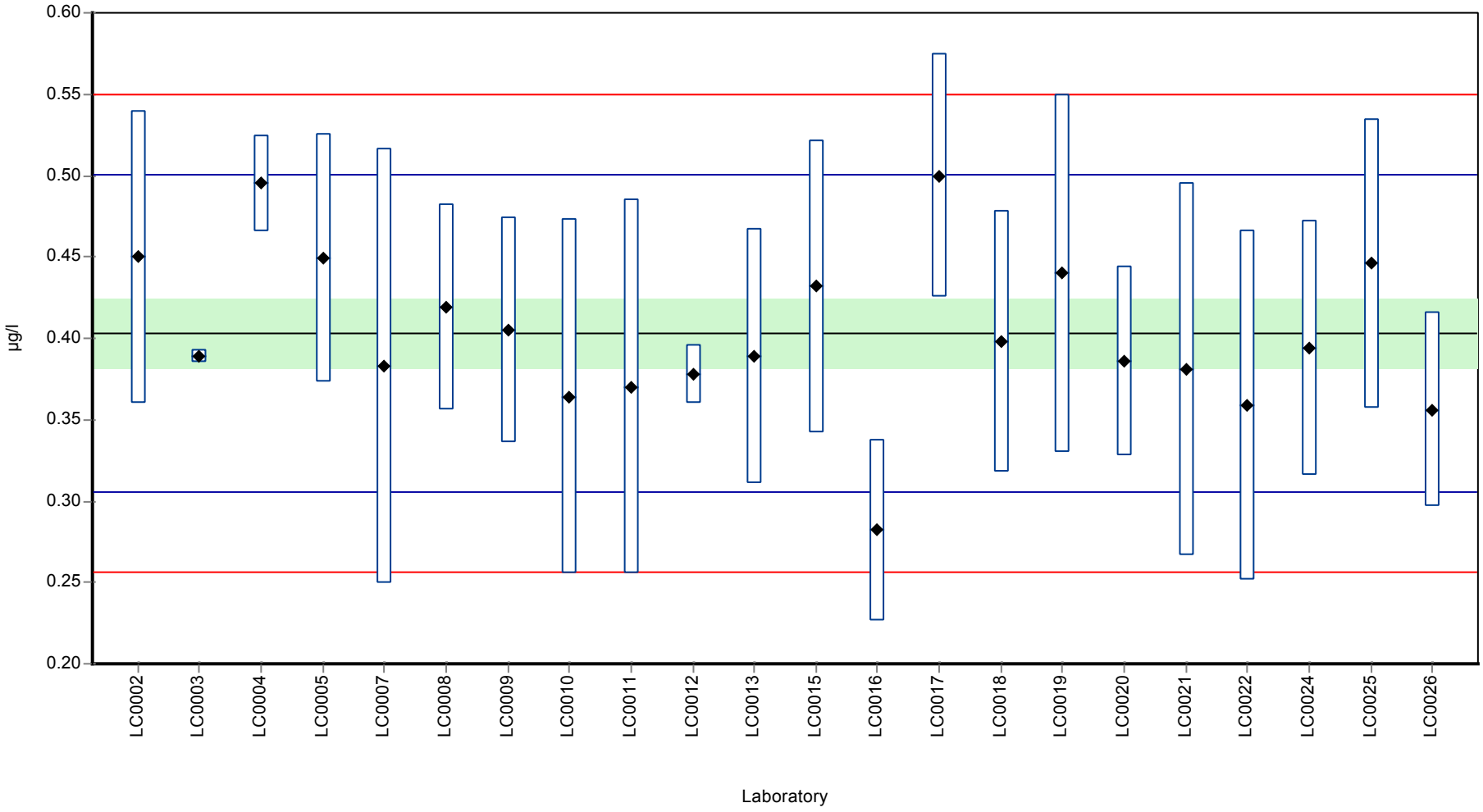
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.45	0.09	112	0.96	
LC0003	0.389	0.004	96.5	-0.28	
LC0004	0.495	0.03	123	1.88	
LC0005	0.449	0.0763	111	0.94	
LC0006	-	-	-	-	
LC0007	0.383	0.134	95	-0.41	
LC0008	0.419	0.063	104	0.33	
LC0009	0.405	0.069	101	0.04	
LC0010	0.364	0.109	90.3	-0.8	
LC0011	0.37	0.115	91.8	-0.67	
LC0012	0.378	0.018	93.8	-0.51	
LC0013	0.389	0.078	96.5	-0.28	
LC0014	-	-	-	-	
LC0015	0.432	0.09	107	0.59	
LC0016	0.282	0.056	70	-2.47	
LC0017	0.5	0.075	124	1.98	
LC0018	0.398	0.08	98.8	-0.1	
LC0019	0.44	0.11	109	0.76	
LC0020	0.386	0.0579	95.8	-0.35	
LC0021	0.381	0.1143	94.6	-0.45	
LC0022	0.359	0.1077	89.1	-0.9	
LC0023	-	-	-	-	
LC0024	0.394	0.078	97.8	-0.18	
LC0025	0.446	0.089	111	0.88	
LC0026	0.356	0.06	88.3	-0.96	

Characteristics of parameter

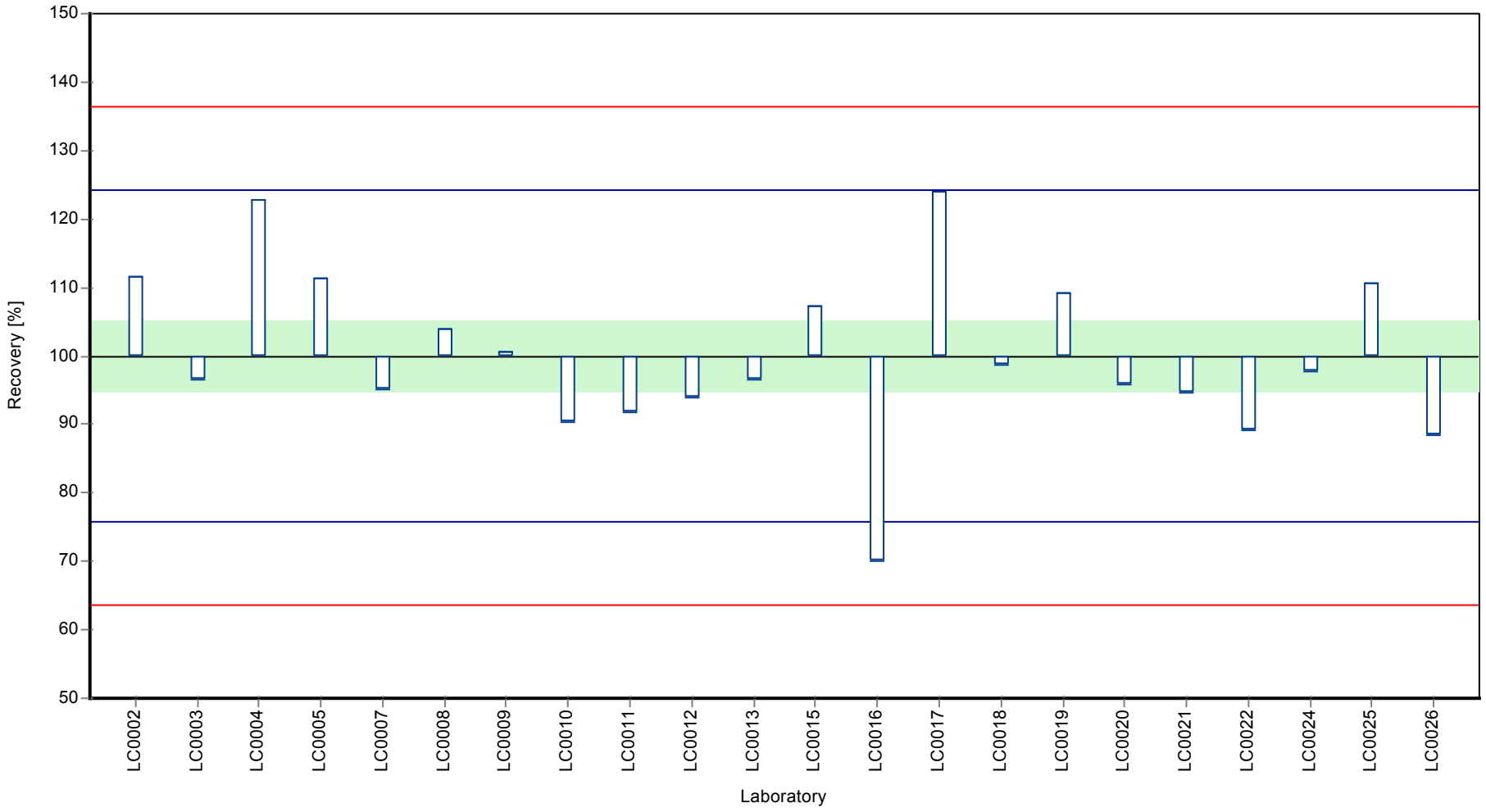
	all results	without outliers	Unit
Mean ± CI (99%)	0.403 ± 0.0313	0.403 ± 0.0313	µg/l
Minimum	0.282	0.282	µg/l
Maximum	0.5	0.5	µg/l
Standard deviation	0.0489	0.0489	µg/l
rel. Standard deviation	12.1	12.1	%
n	22	22	-

Graphical presentation of results

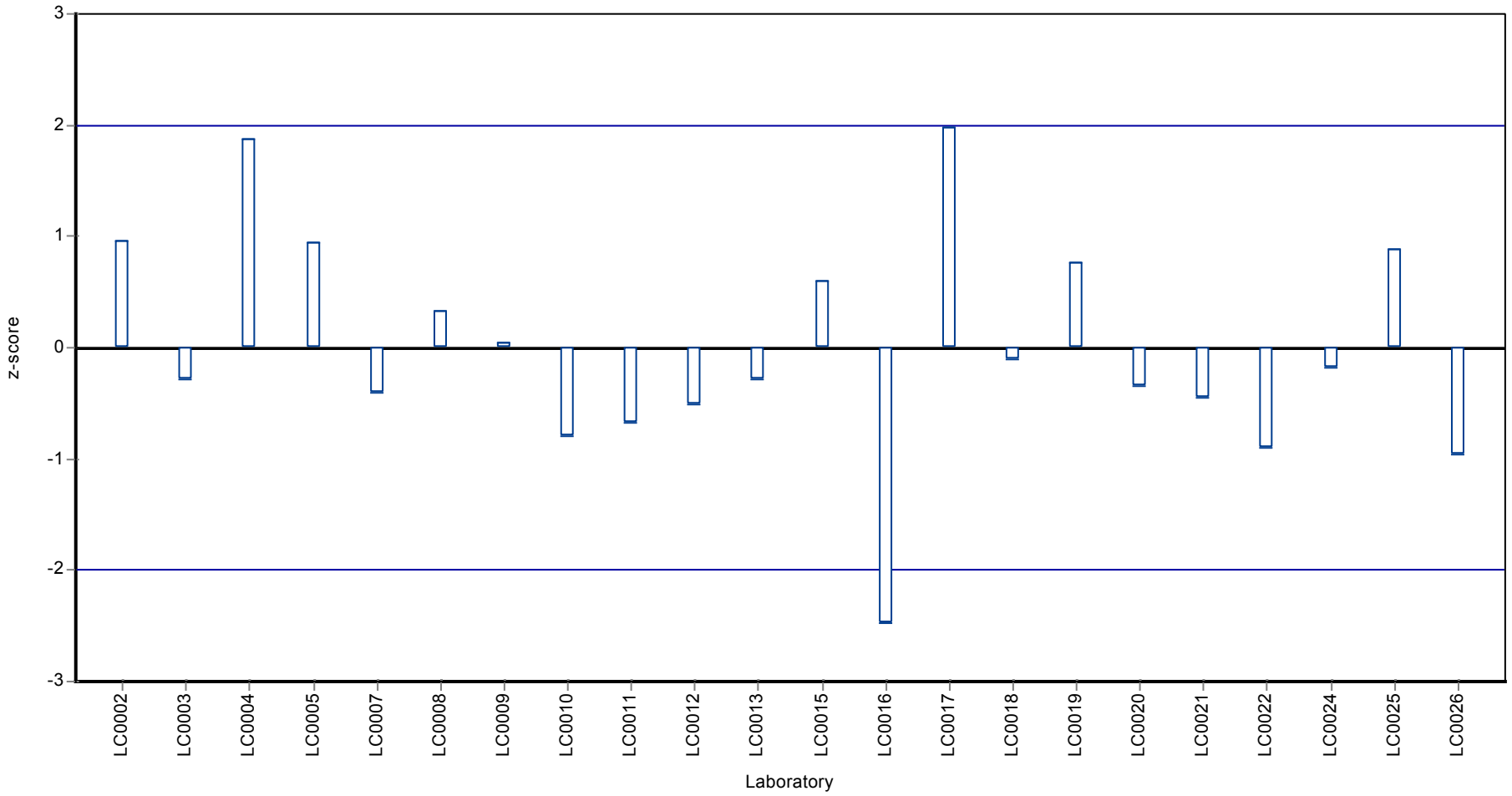
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0002
LC0003
LC0004
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0024
LC0025
LC0026
Laboratory

Parameter oriented report

PM02 B

Metolachlor

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

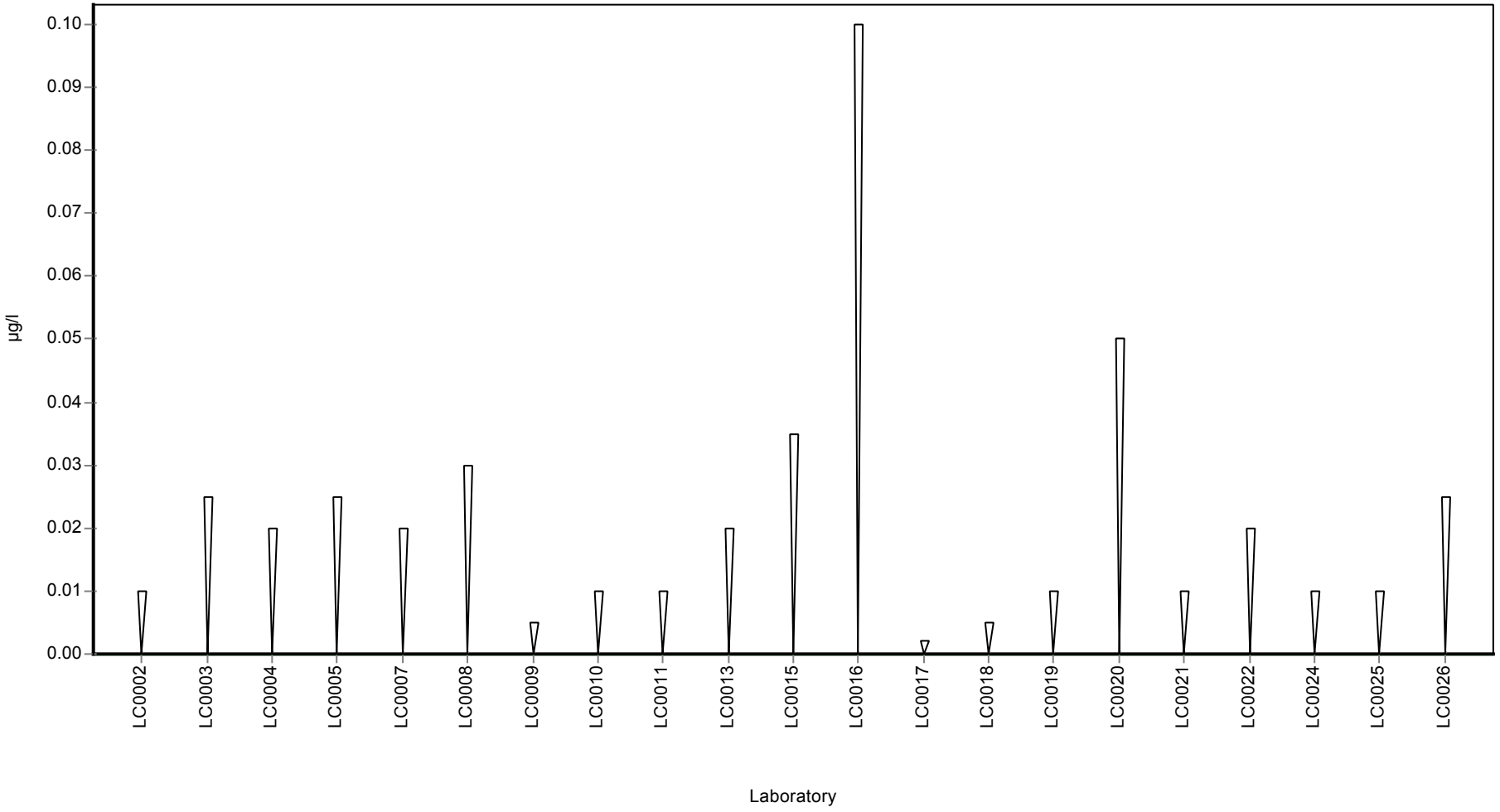
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	< 0.025 (LOQ)	-	-	-	
LC0004	< 0.02 (LOQ)	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.035 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.002 (LOD)	-	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	< 0.025 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Metribuzin

Unit	µg/l
Mean ± CI (99%)	0.0895 ± 0.00875
Minimum - Maximum	0.064 - 0.11
Control test value ± U	0.0986 ± 0.0148

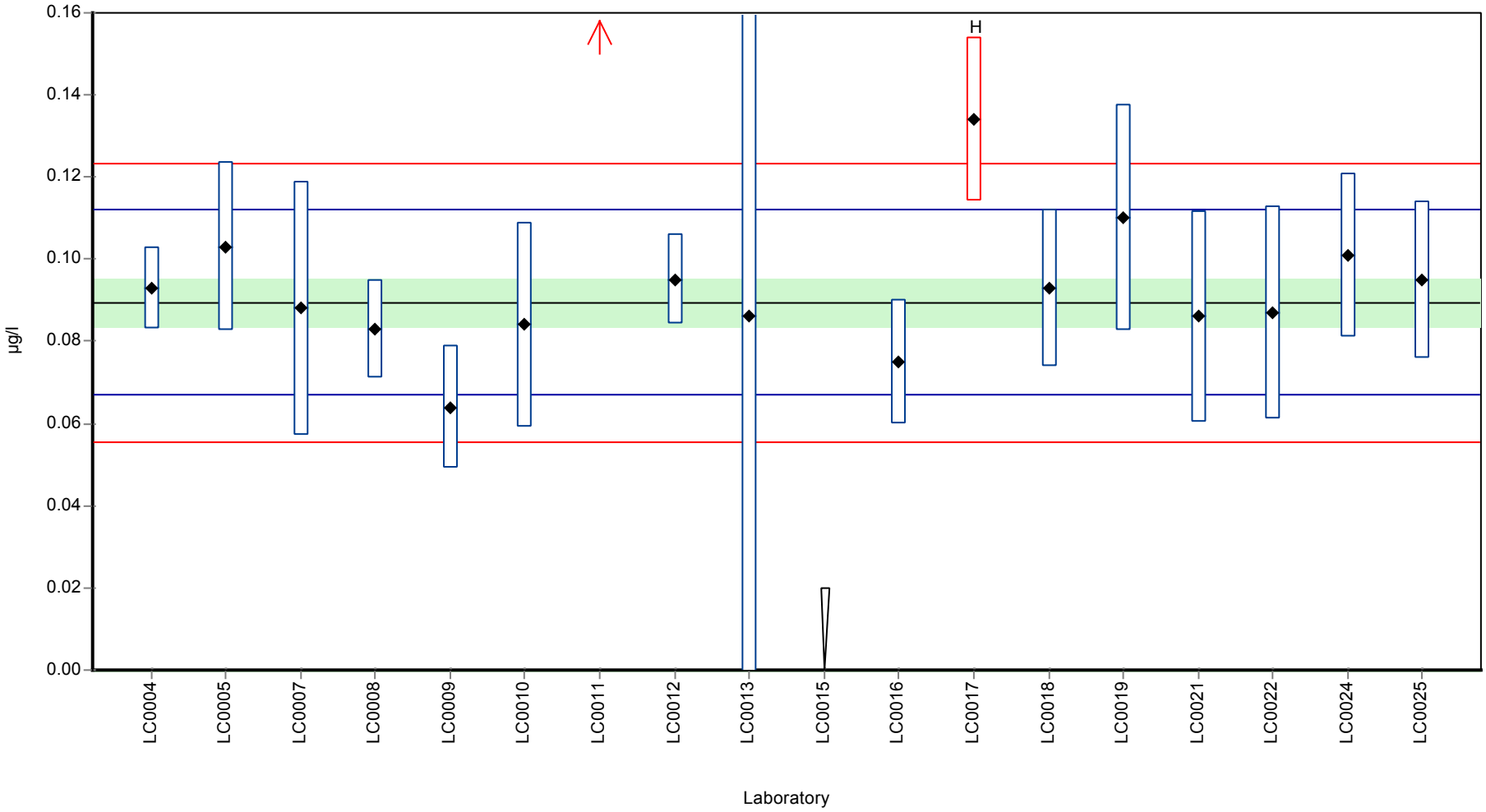
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.093	0.01	104	0.31	
LC0005	0.103	0.0206	115	1.19	
LC0006	-	-	-	-	
LC0007	0.088	0.031	98.3	-0.14	
LC0008	0.083	0.012	92.7	-0.58	
LC0009	0.064	0.015	71.5	-2.26	
LC0010	0.084	0.025	93.8	-0.49	
LC0011	0.364	0.218	407	24.3	H
LC0012	0.095	0.011	106	0.48	
LC0013	0.086	0.172	96.1	-0.31	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	FN
LC0016	0.075	0.015	83.8	-1.29	
LC0017	0.134	0.02	150	3.94	H
LC0018	0.093	0.019	104	0.31	
LC0019	0.11	0.0275	123	1.81	
LC0020	-	-	-	-	
LC0021	0.086	0.0258	96.1	-0.31	
LC0022	0.087	0.0261	97.2	-0.22	
LC0023	-	-	-	-	
LC0024	0.101	0.02	113	1.02	
LC0025	0.095	0.019	106	0.48	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.108 ± 0.0492	0.0895 ± 0.00875	µg/l
Minimum	0.064	0.064	µg/l
Maximum	0.364	0.11	µg/l
Standard deviation	0.0676	0.0113	µg/l
rel. Standard deviation	62.4	12.6	%
n	17	15	-

Graphical presentation of results

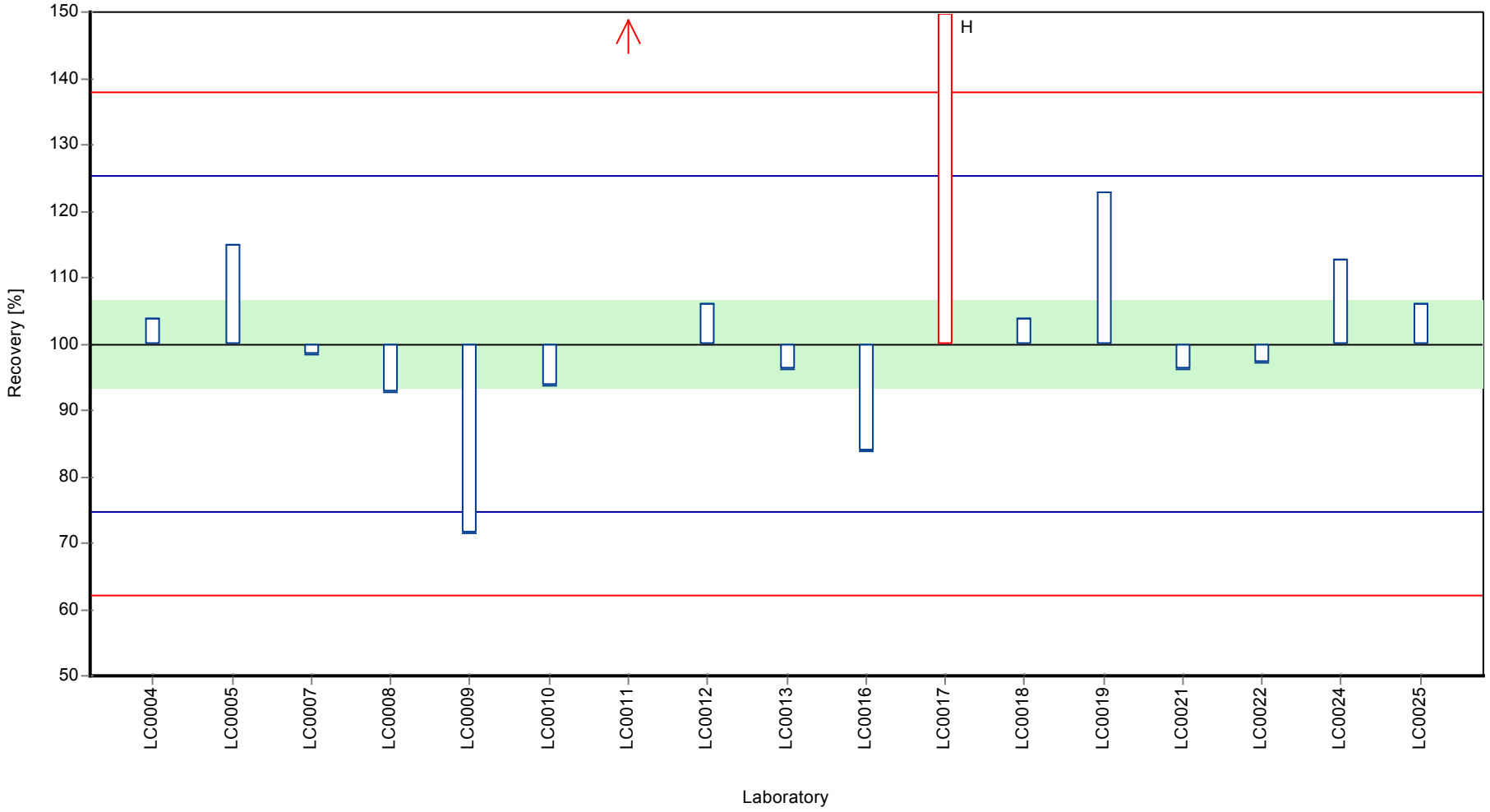
Results



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metribuzin

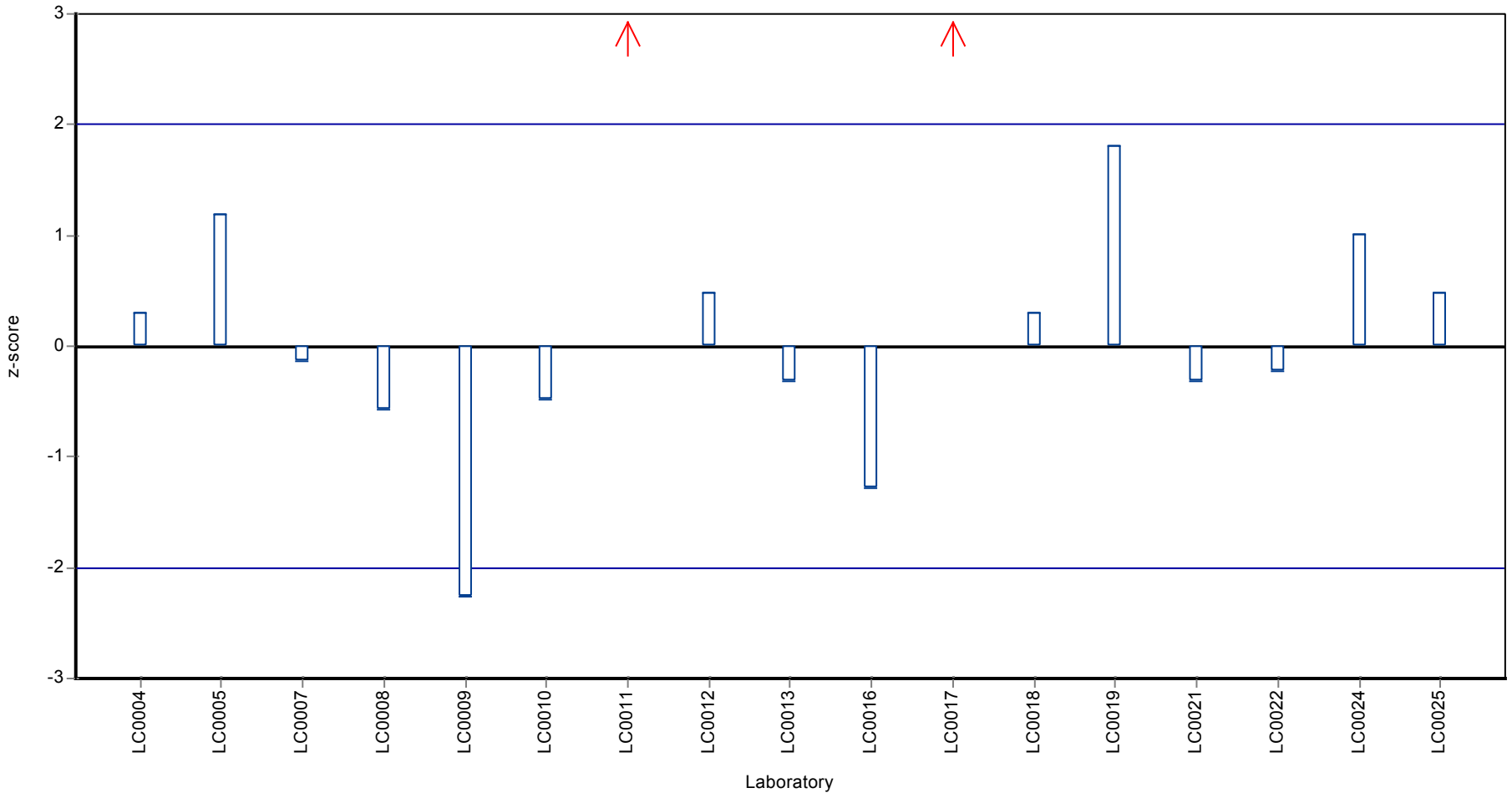
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metribuzin

Z-score



Parameter oriented report

PM02 B

Metribuzin

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

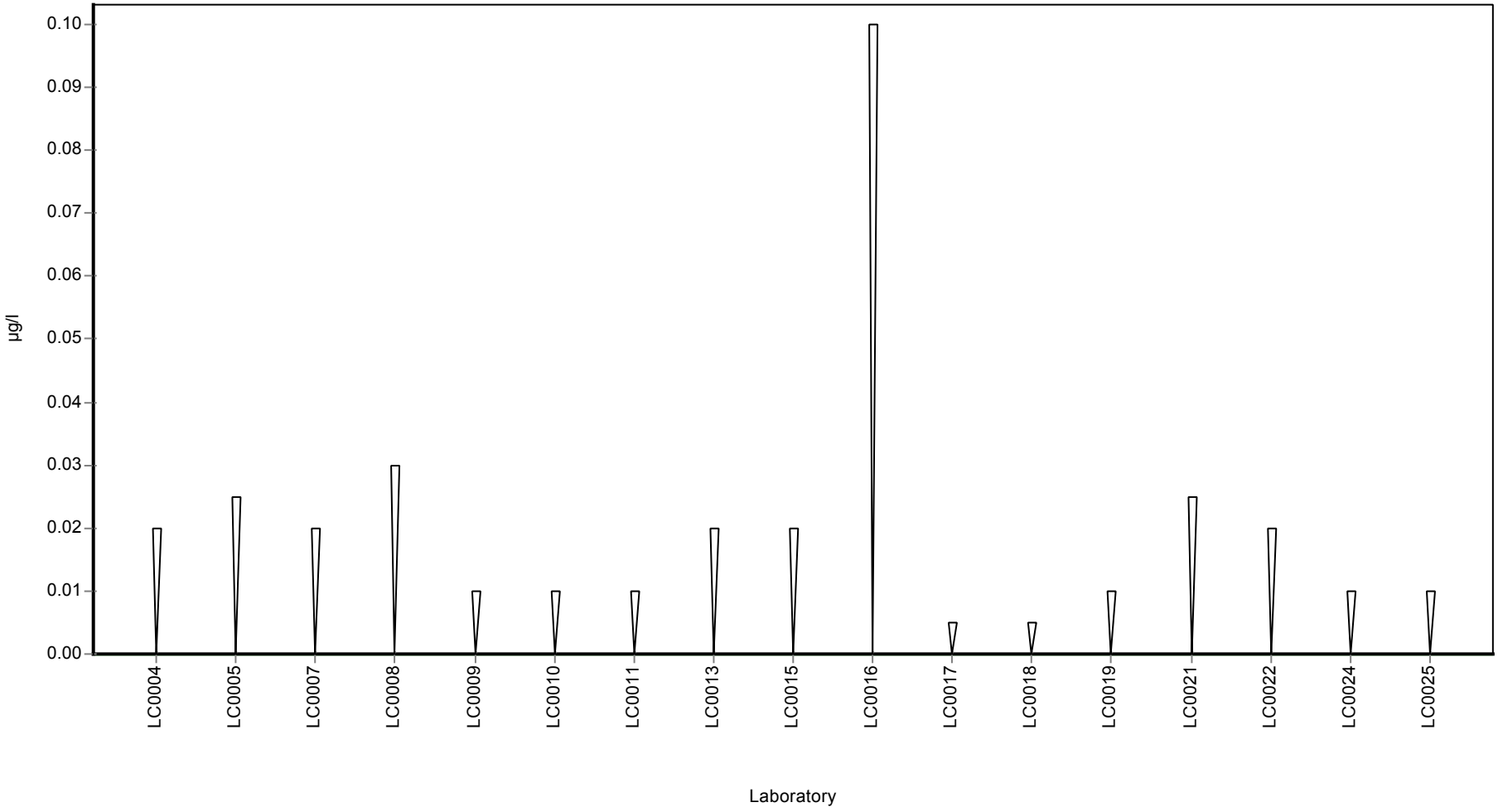
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.02 (LOQ)	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.005 (LOD)	-	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.025 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Metribuzin-desamino

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

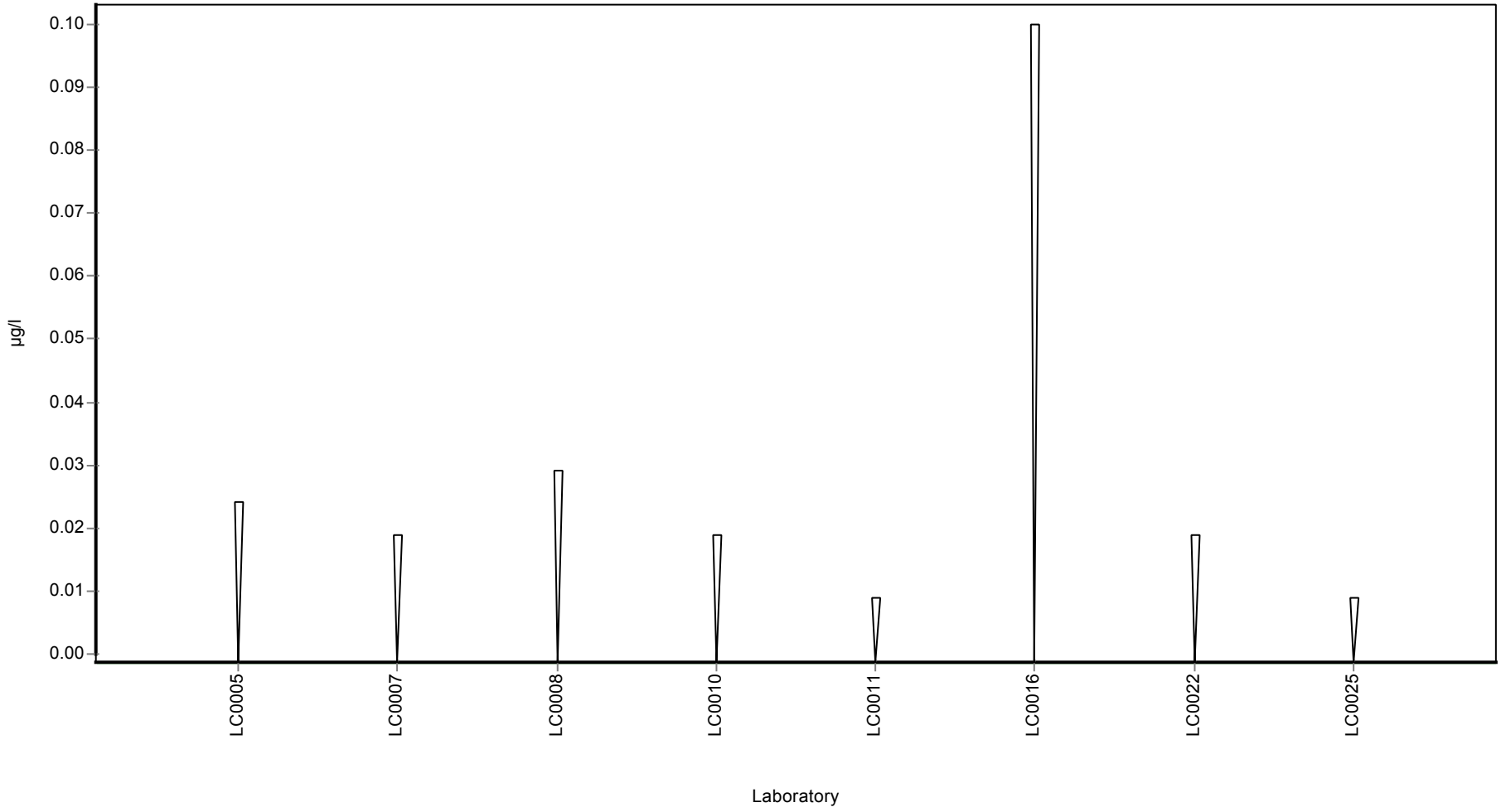
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Metribuzin-desamino

Unit	µg/l
Mean ± CI (99%)	0.256 ± 0.0346
Minimum - Maximum	0.206 - 0.298
Control test value ± U	0.244 ± 0.0367

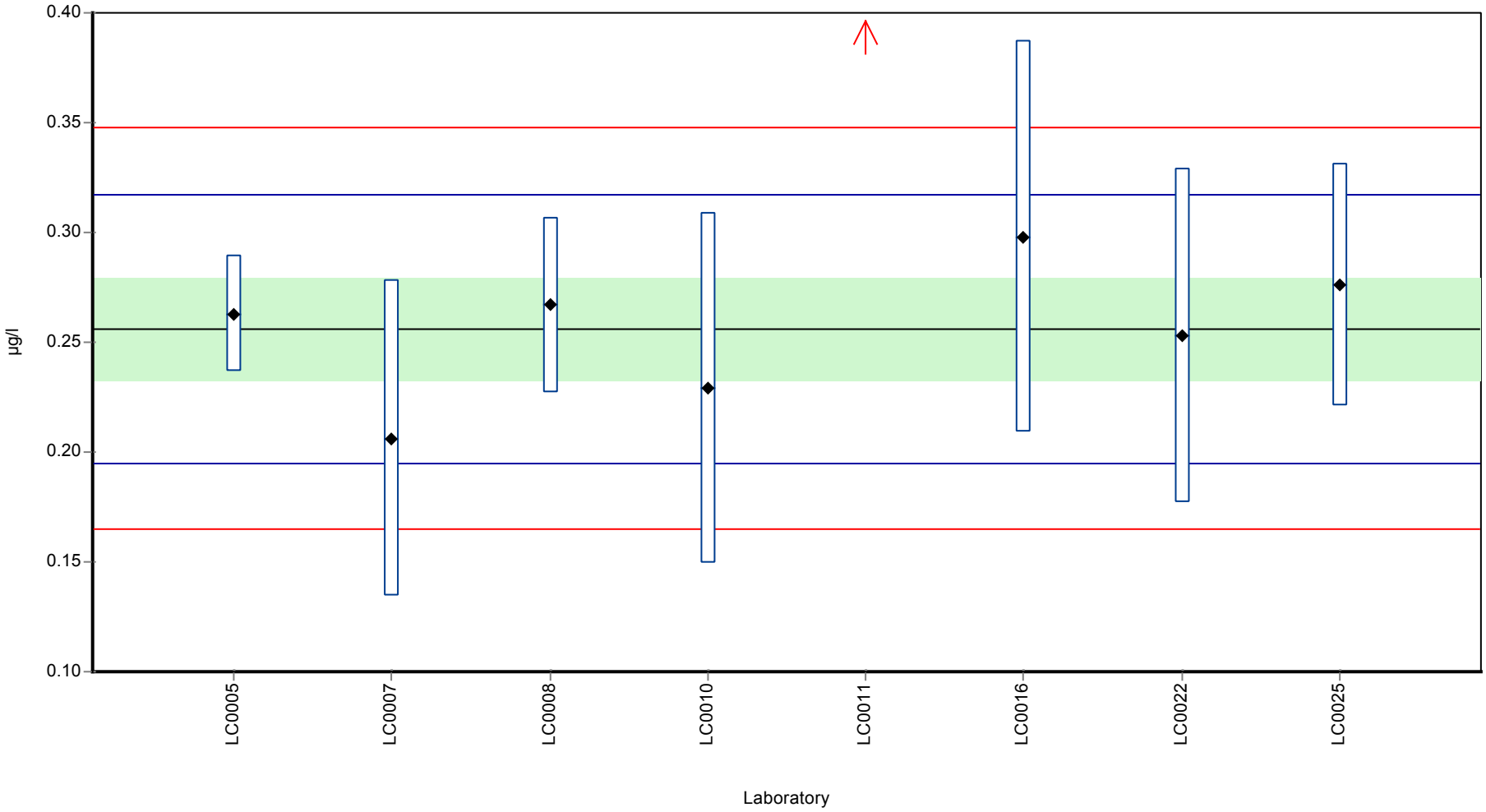
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.263	0.0263	103	0.23	
LC0006	-	-	-	-	
LC0007	0.206	0.072	80.5	-1.64	
LC0008	0.267	0.04	104	0.36	
LC0009	-	-	-	-	
LC0010	0.229	0.08	89.5	-0.89	
LC0011	1.353	0.812	529	36	H
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.298	0.089	116	1.38	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.253	0.0759	98.8	-0.1	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.276	0.055	108	0.66	
LC0026	-	-	-	-	

Characteristics of parameter

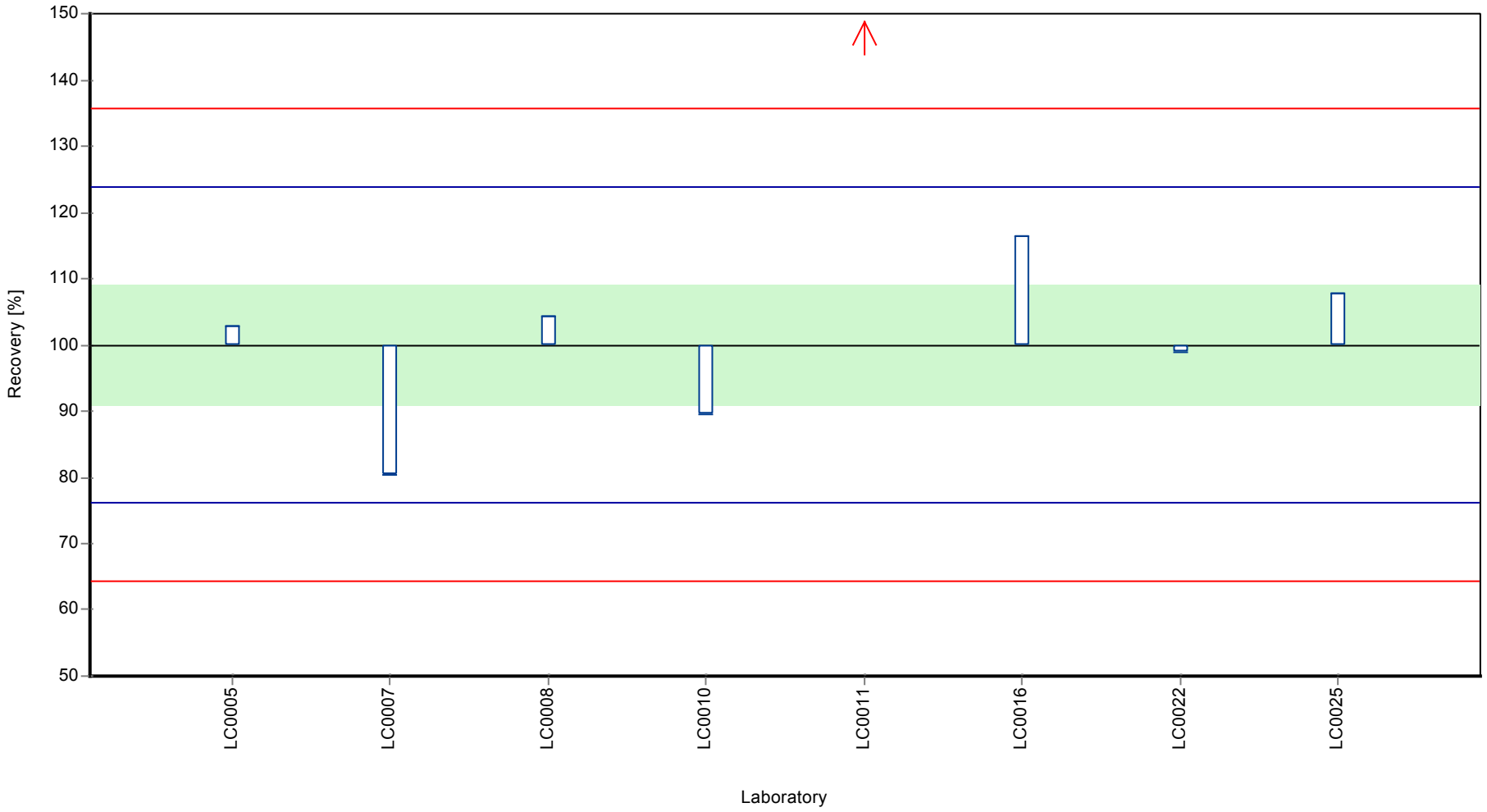
	all results	without outliers	Unit
Mean ± CI (99%)	0.393 ± 0.412	0.256 ± 0.0346	µg/l
Minimum	0.206	0.206	µg/l
Maximum	1.35	0.298	µg/l
Standard deviation	0.389	0.0305	µg/l
rel. Standard deviation	98.9	11.9	%
n	8	7	-

Graphical presentation of results

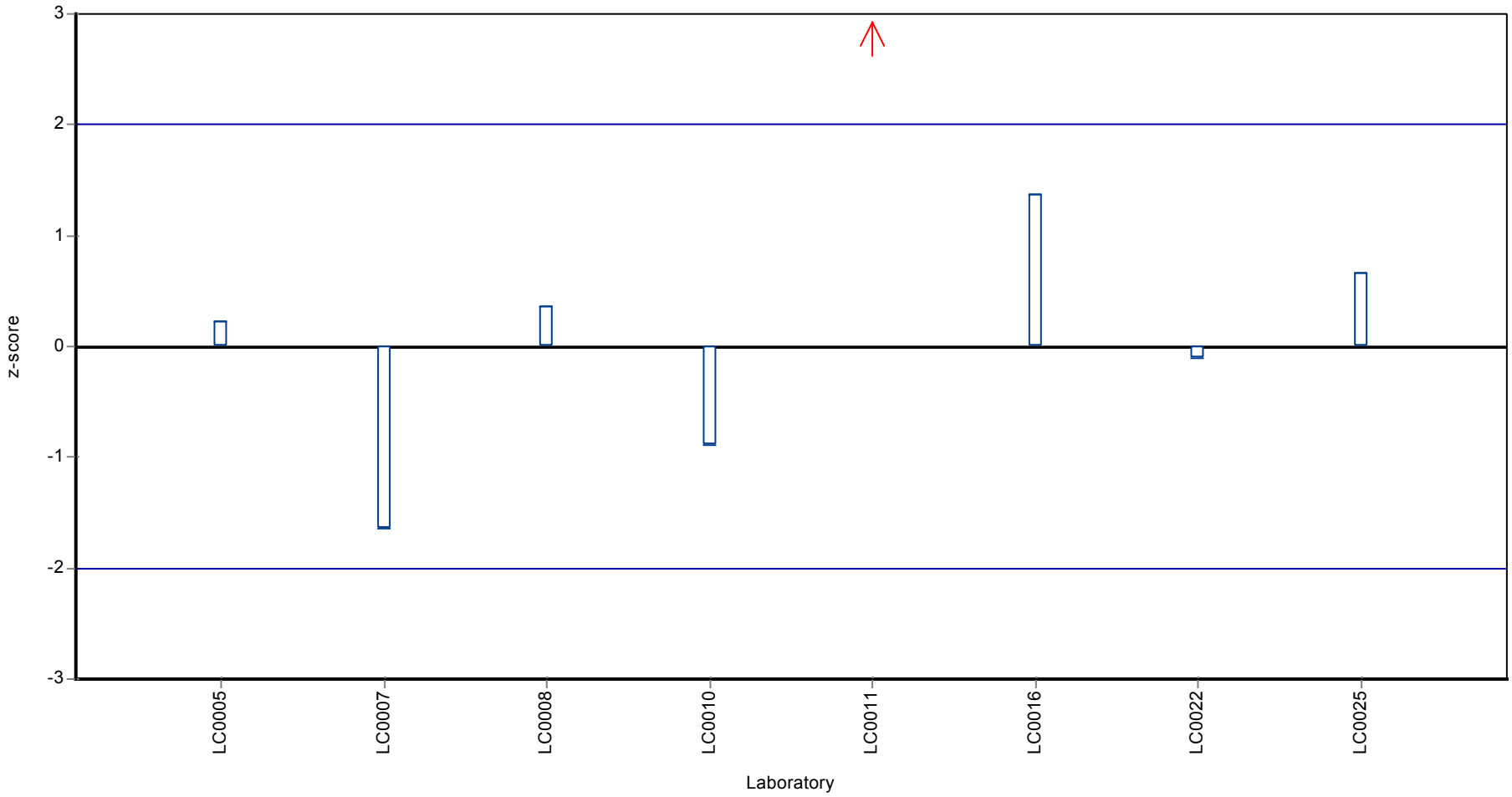
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0010
LC0011
LC0016
LC0022
LC0025
Laboratory

Parameter oriented report

PM02 A

Metsulfuron-methyl

Unit	µg/l
Mean ± CI (99%)	0.254 ± 0.0343
Minimum - Maximum	0.197 - 0.32
Control test value ± U	0.216 ± 0.0324

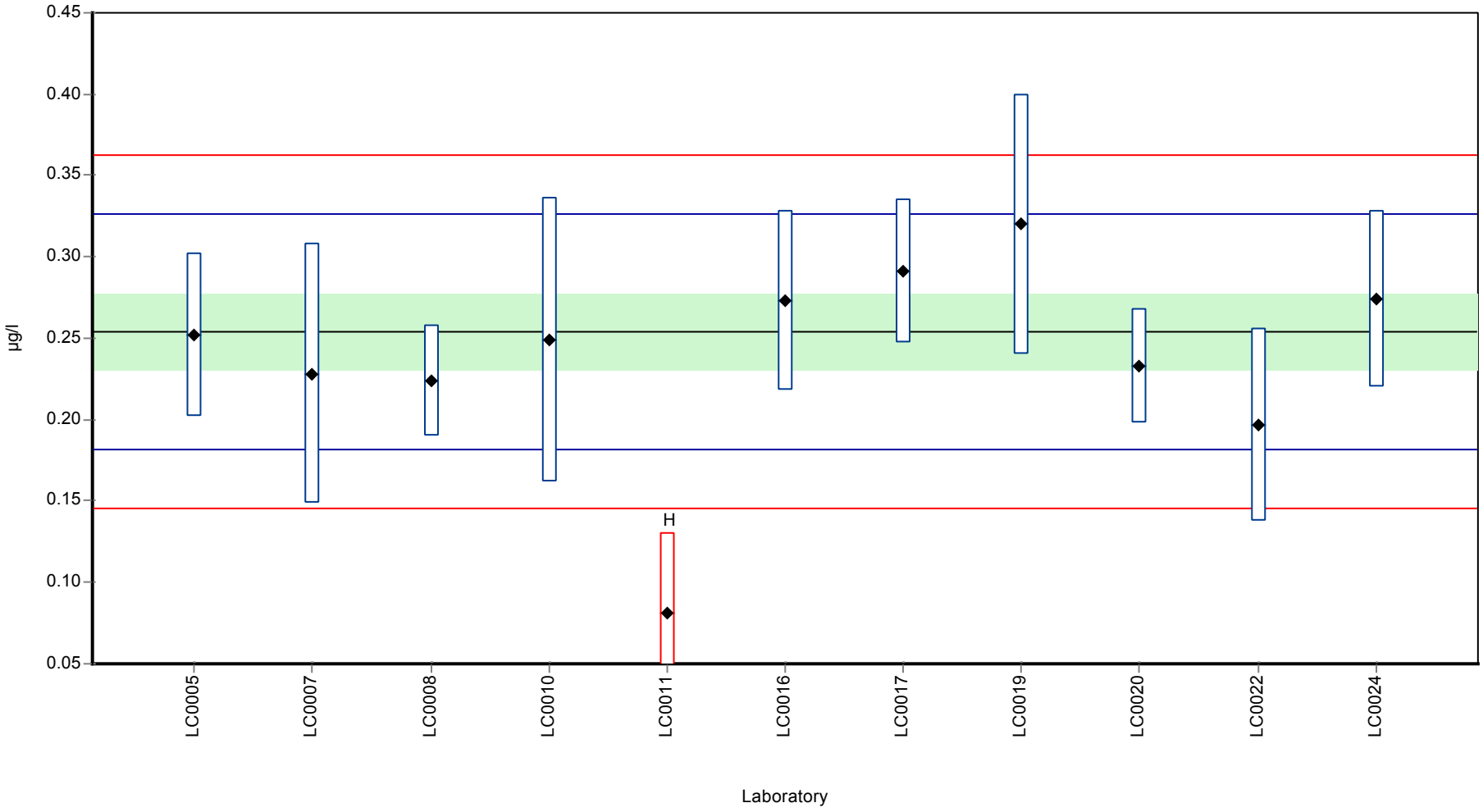
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.252	0.0505	99.2	-0.06	
LC0006	-	-	-	-	
LC0007	0.228	0.08	89.7	-0.72	
LC0008	0.224	0.034	88.2	-0.83	
LC0009	-	-	-	-	
LC0010	0.249	0.087	98	-0.14	
LC0011	0.081	0.049	31.9	-4.78	H
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.273	0.055	107	0.52	
LC0017	0.291	0.044	115	1.02	
LC0018	-	-	-	-	
LC0019	0.32	0.08	126	1.82	
LC0020	0.233	0.03495	91.7	-0.58	
LC0021	-	-	-	-	
LC0022	0.197	0.0591	77.5	-1.58	
LC0023	-	-	-	-	
LC0024	0.274	0.054	108	0.55	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

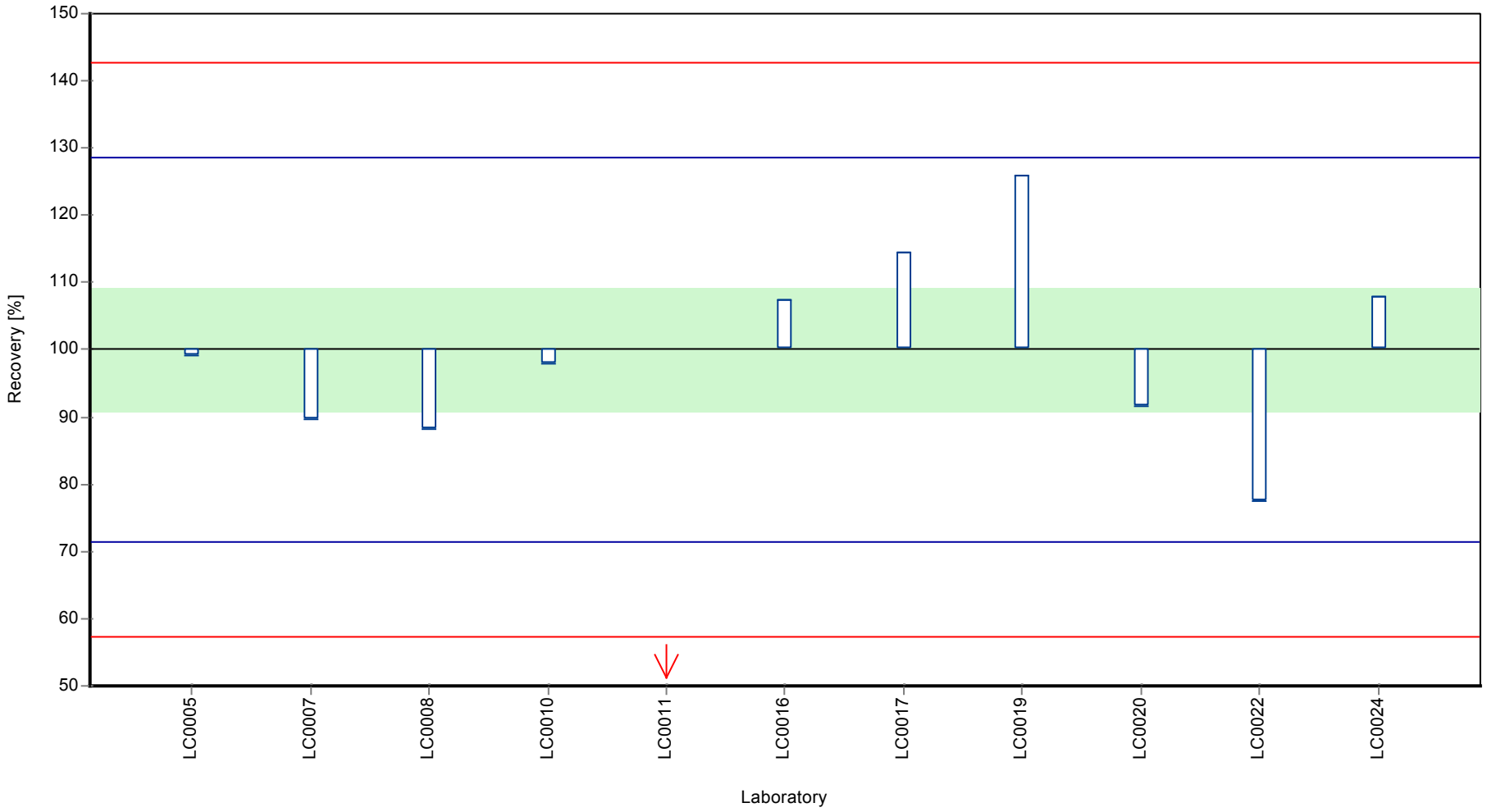
	all results	without outliers	Unit
Mean ± CI (99%)	0.238 ± 0.0565	0.254 ± 0.0343	µg/l
Minimum	0.081	0.197	µg/l
Maximum	0.32	0.32	µg/l
Standard deviation	0.0625	0.0362	µg/l
rel. Standard deviation	26.2	14.2	%
n	11	10	-

Graphical presentation of results

Results



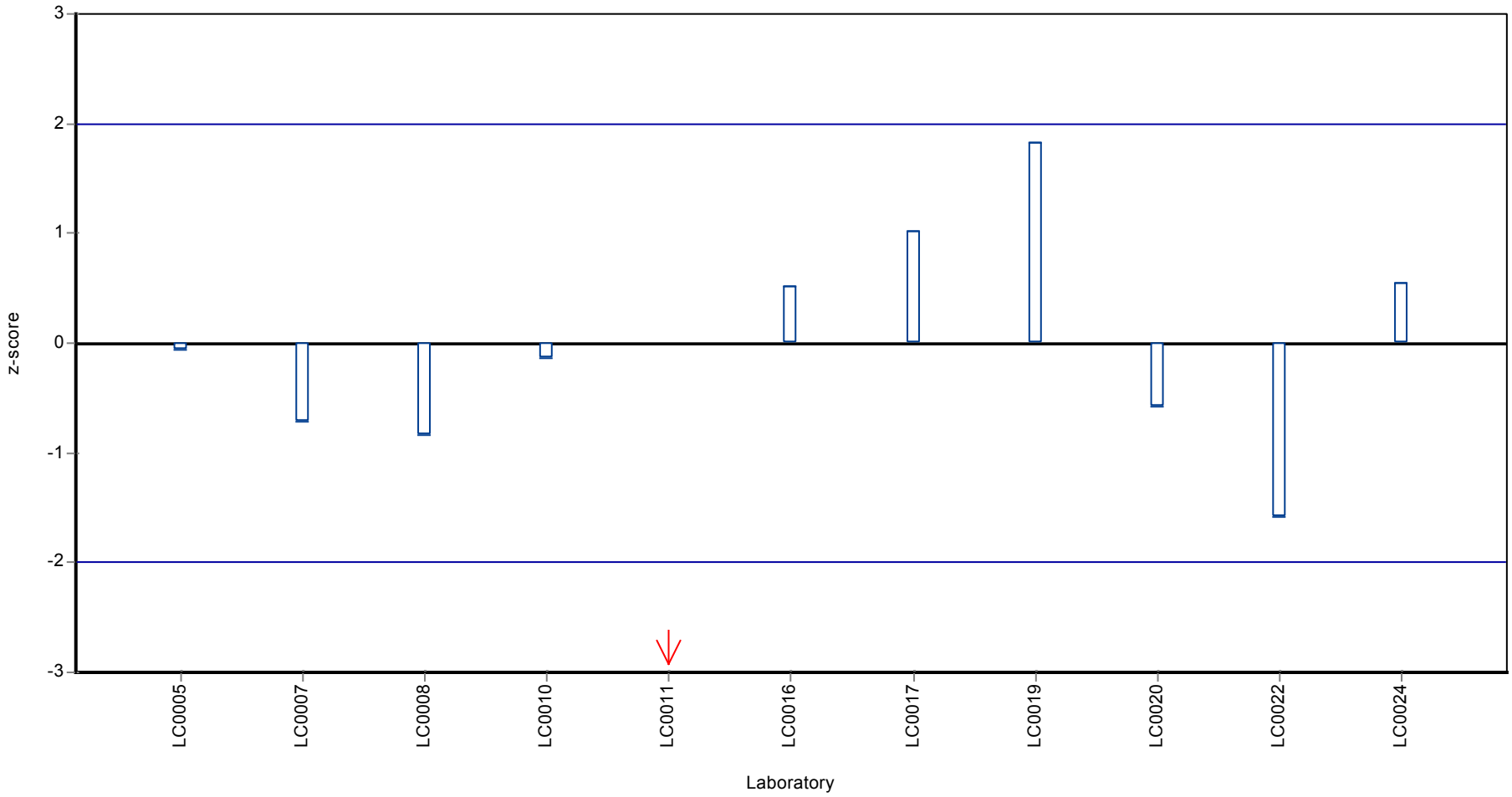
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metsulfuron-methyl

Z-score



Parameter oriented report

PM02 B

Metsulfuron-methyl

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

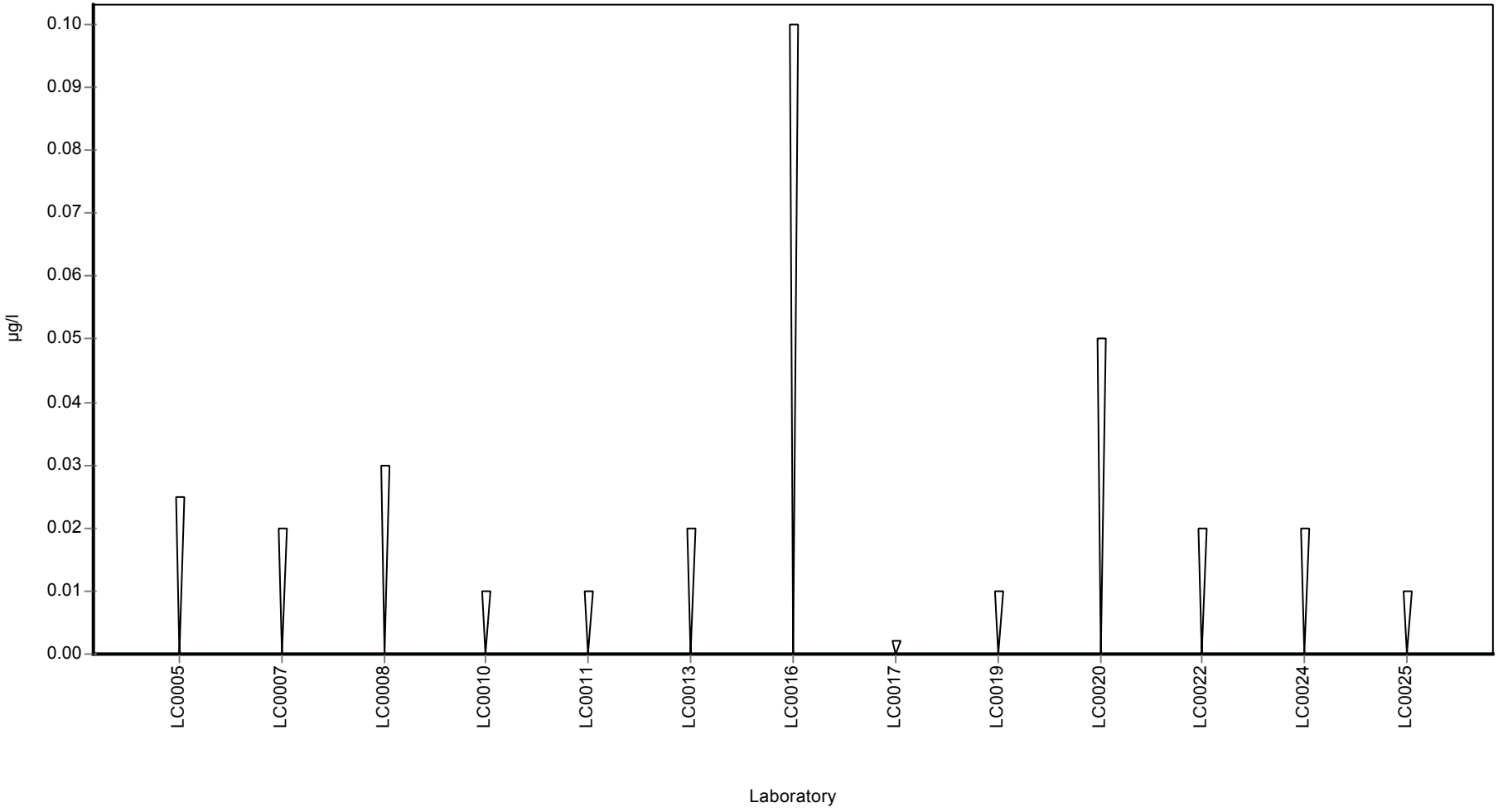
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.002 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.02 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

N,N-Dimethylsulfamide (DMS)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

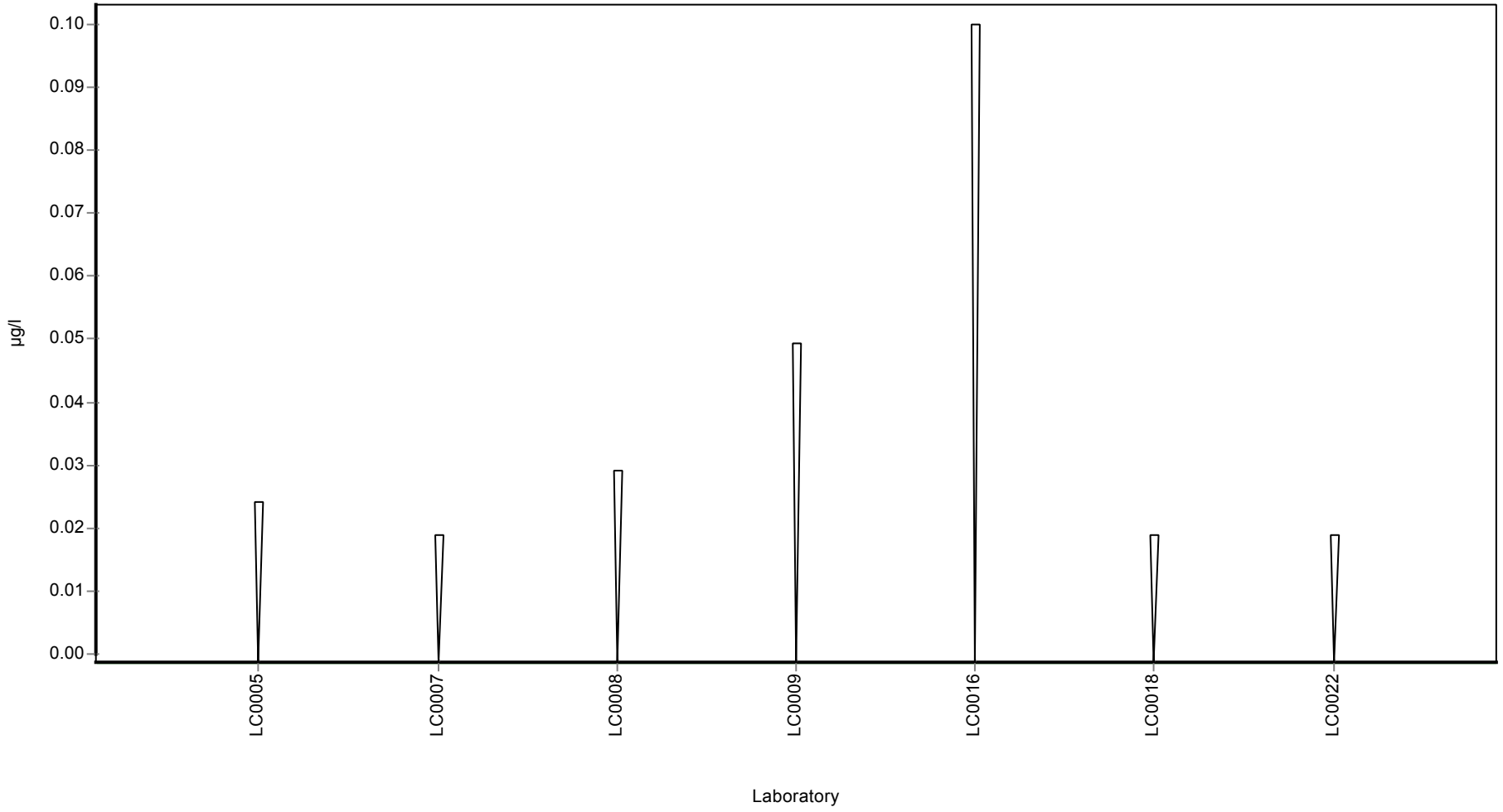
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.05 (LOQ)	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.02 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

N,N-Dimethylsulfamide (DMS)

Unit	µg/l
Mean ± CI (99%)	1.07 ± 0.217
Minimum - Maximum	0.749 - 1.44
Control test value ± U	1.1 ± 0.165

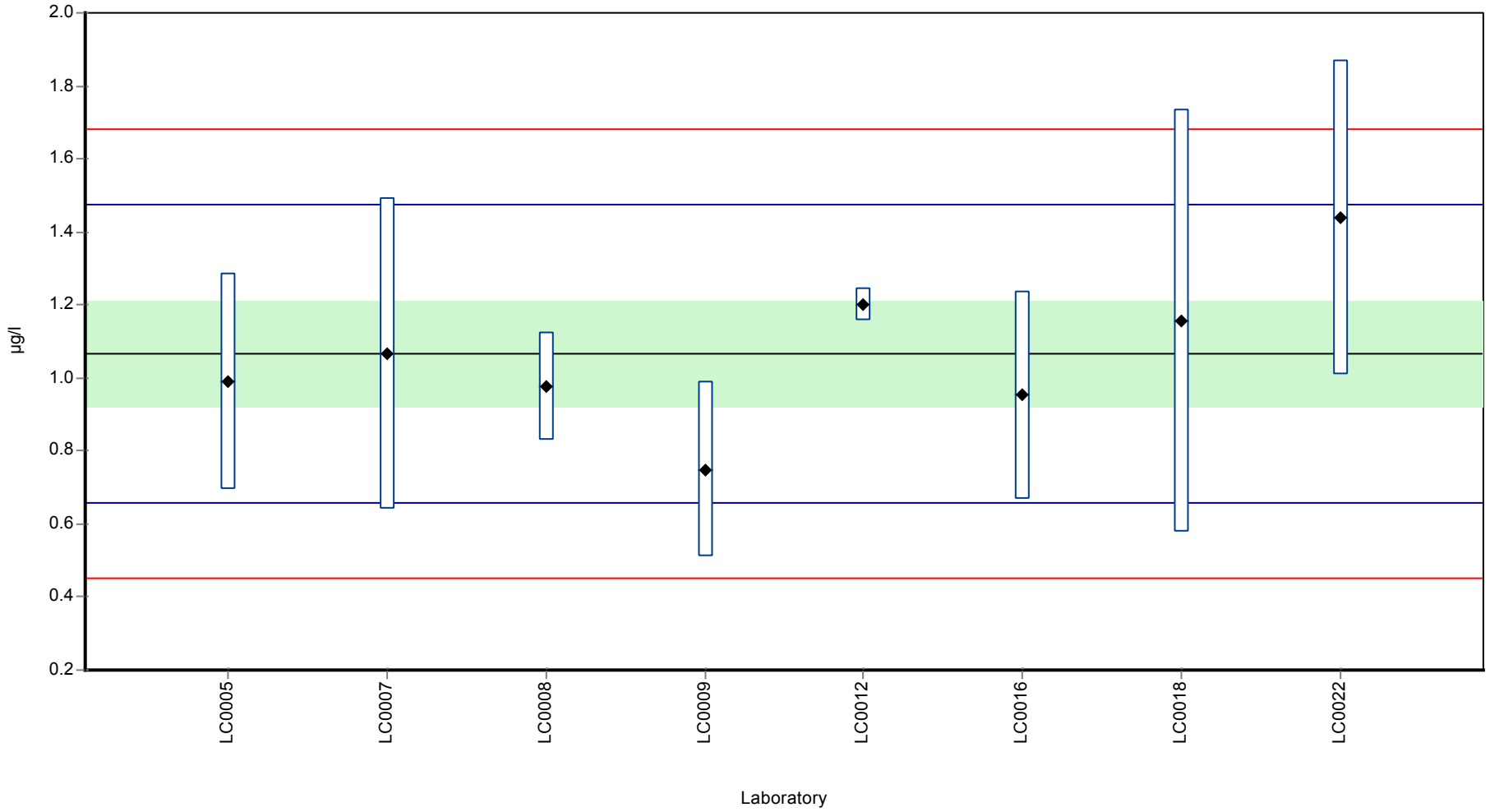
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.99	0.297	92.8	-0.38	
LC0006	-	-	-	-	
LC0007	1.068	0.427	100	0.01	
LC0008	0.977	0.147	91.6	-0.44	
LC0009	0.749	0.24	70.2	-1.55	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	1.203	0.045	113	0.66	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.952	0.286	89.2	-0.56	
LC0017	-	-	-	-	
LC0018	1.156	0.578	108	0.43	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	1.44	0.432	135	1.82	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

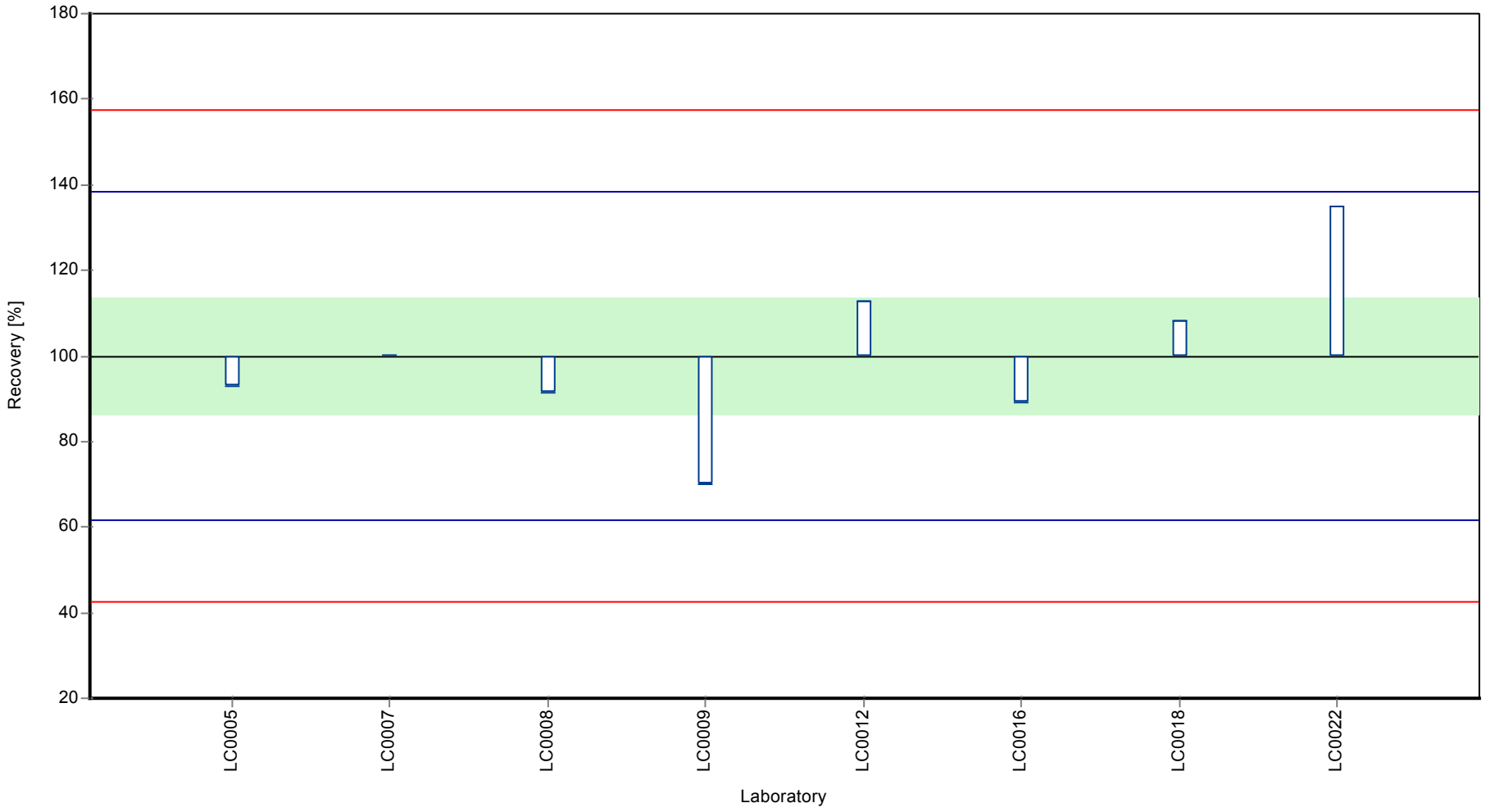
	all results	without outliers	Unit
Mean ± CI (99%)	1.07 ± 0.217	1.07 ± 0.217	µg/l
Minimum	0.749	0.749	µg/l
Maximum	1.44	1.44	µg/l
Standard deviation	0.205	0.205	µg/l
rel. Standard deviation	19.2	19.2	%
n	8	8	-

Graphical presentation of results

Results



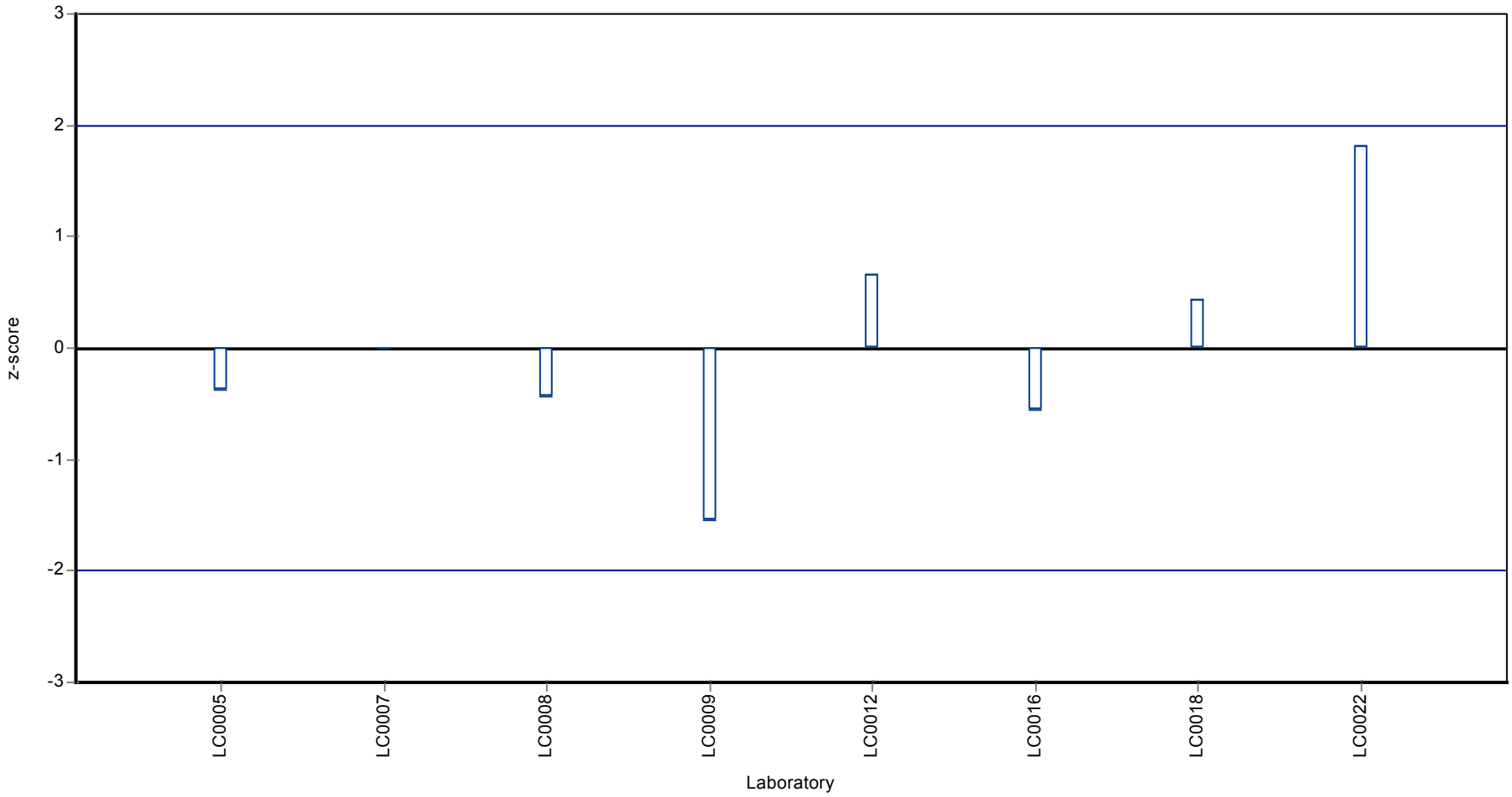
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: N,N-Dimethylsulfamide (DMS)

Z-score



Parameter oriented report

PM02 A

Nicosulfurone

Unit	µg/l
Mean ± CI (99%)	0.919 ± 0.222
Minimum - Maximum	0.398 - 1.46
Control test value ± U	0.887 ± 0.133

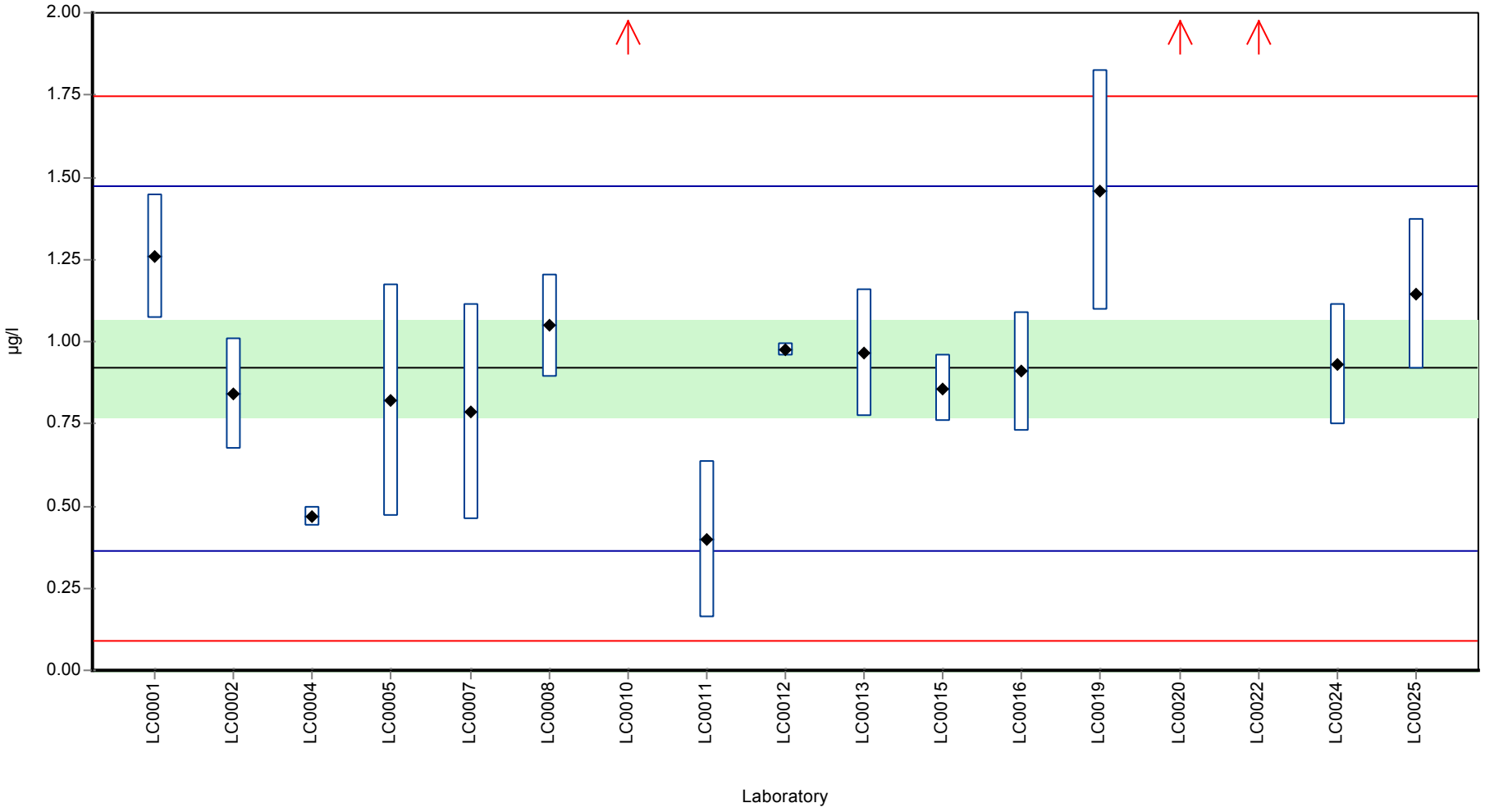
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	1.26	0.189	137	1.23	
LC0002	0.84	0.17	91.4	-0.28	
LC0003	-	-	-	-	
LC0004	0.468	0.03	50.9	-1.63	
LC0005	0.82	0.353	89.3	-0.36	
LC0006	-	-	-	-	
LC0007	0.785	0.328	85.5	-0.48	
LC0008	1.048	0.157	114	0.47	
LC0009	-	-	-	-	
LC0010	2.37	0.711	258	5.25	H
LC0011	0.398	0.239	43.3	-1.88	
LC0012	0.975	0.021	106	0.2	
LC0013	0.965	0.193	105	0.17	
LC0014	-	-	-	-	
LC0015	0.858	0.1	93.4	-0.22	
LC0016	0.91	0.182	99.1	-0.03	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	1.46	0.365	159	1.96	
LC0020	2.94	0.441	320	7.31	H
LC0021	-	-	-	-	
LC0022	2.95	0.885	321	7.35	H
LC0023	-	-	-	-	
LC0024	0.93	0.186	101	0.04	
LC0025	1.143	0.229	124	0.81	
LC0026	-	-	-	-	

Characteristics of parameter

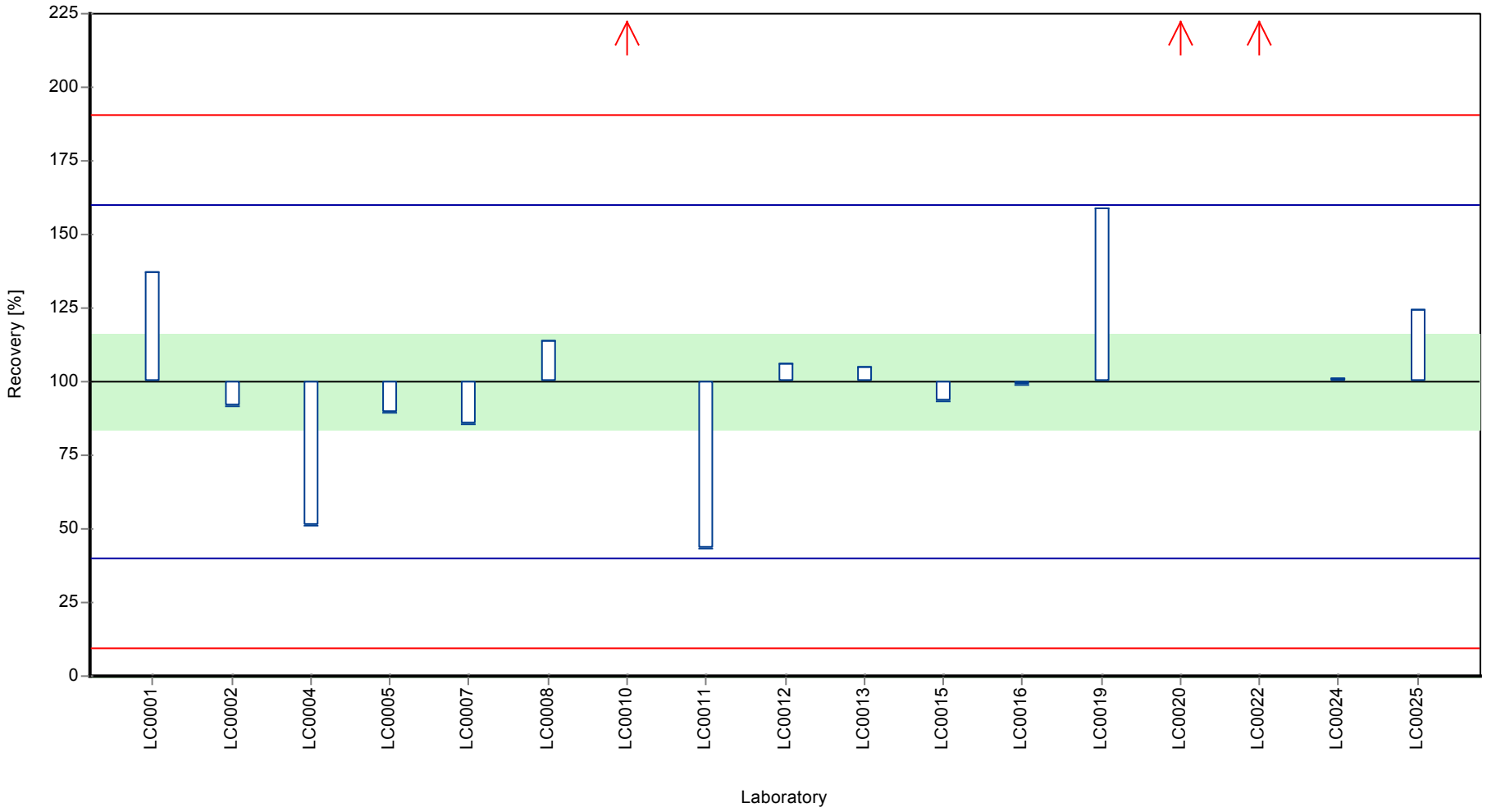
	all results	without outliers	Unit
Mean ± CI (99%)	1.24 ± 0.562	0.919 ± 0.222	µg/l
Minimum	0.398	0.398	µg/l
Maximum	2.95	1.46	µg/l
Standard deviation	0.772	0.276	µg/l
rel. Standard deviation	62.1	30.1	%
n	17	14	-

Graphical presentation of results

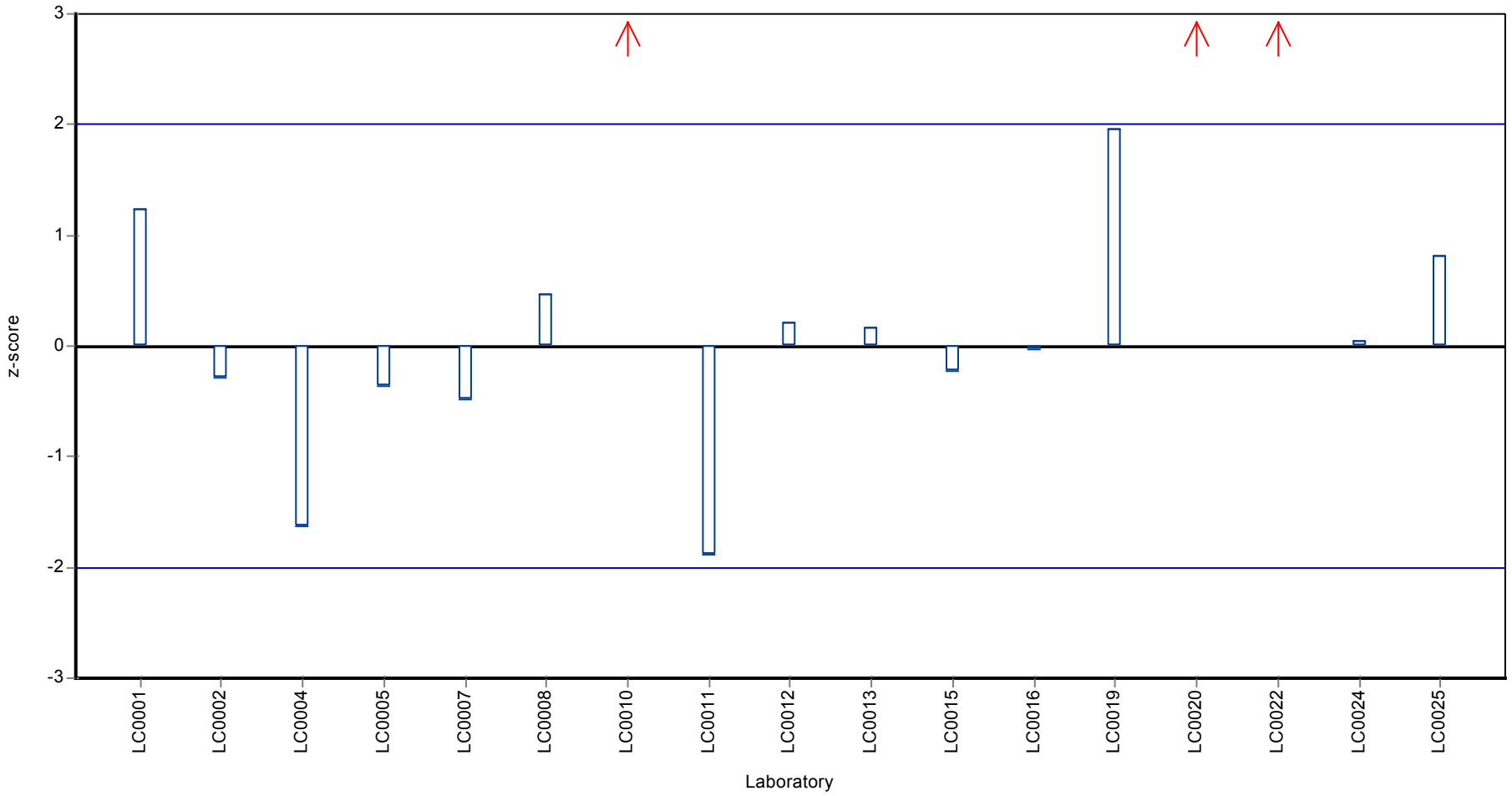
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0002
LC0004
LC0005
LC0007
LC0008
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0019
LC0020
LC0022
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 B

Nicosulfurone

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

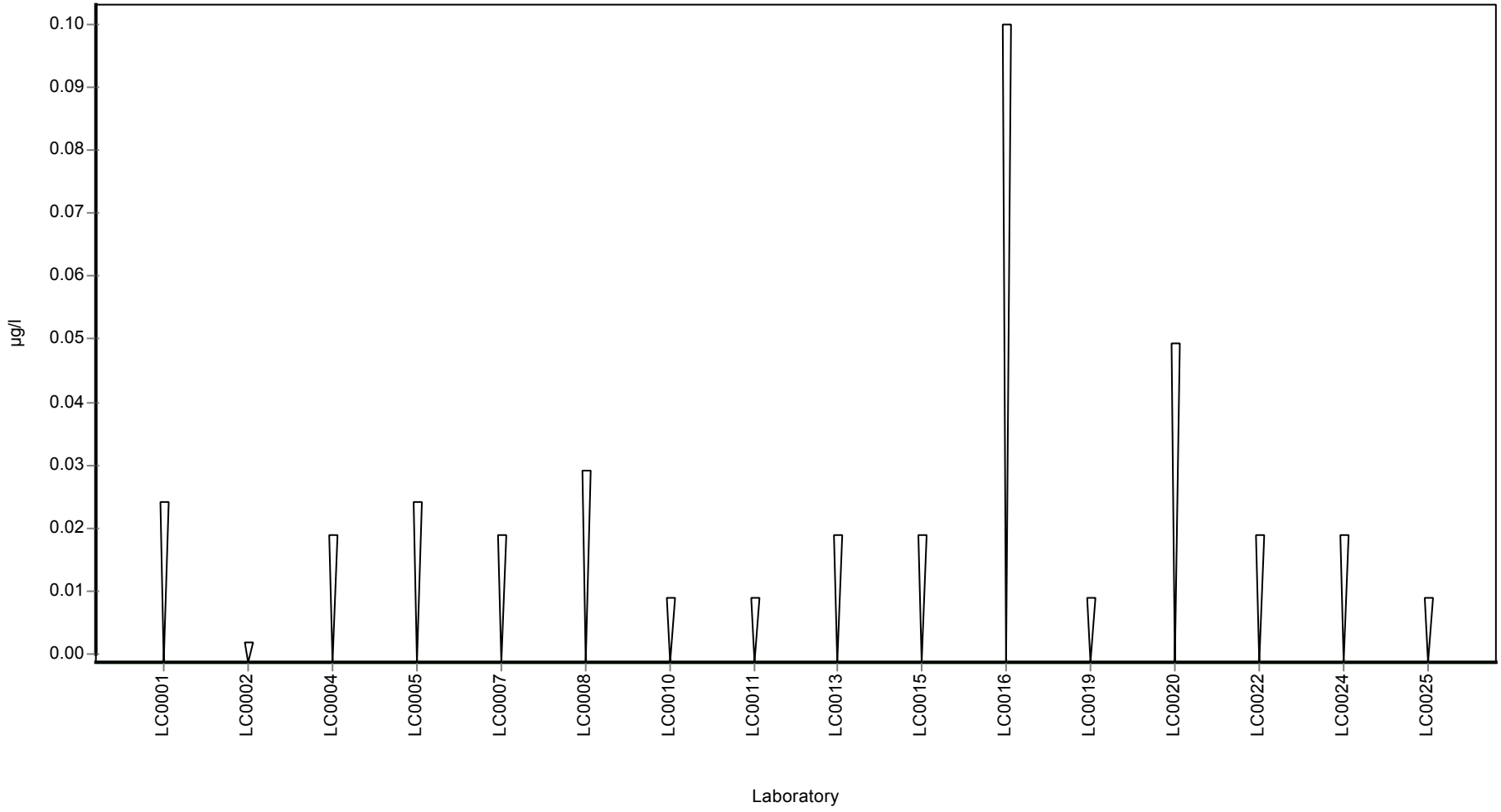
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.025 (LOQ)	-	-	-	
LC0002	< 0.003 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.02 (LOQ)	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.02 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Pethoxamid

Unit	µg/l
Mean ± CI (99%)	0.176 ± 0.0111
Minimum - Maximum	0.159 - 0.198
Control test value ± U	0.186 ± 0.028

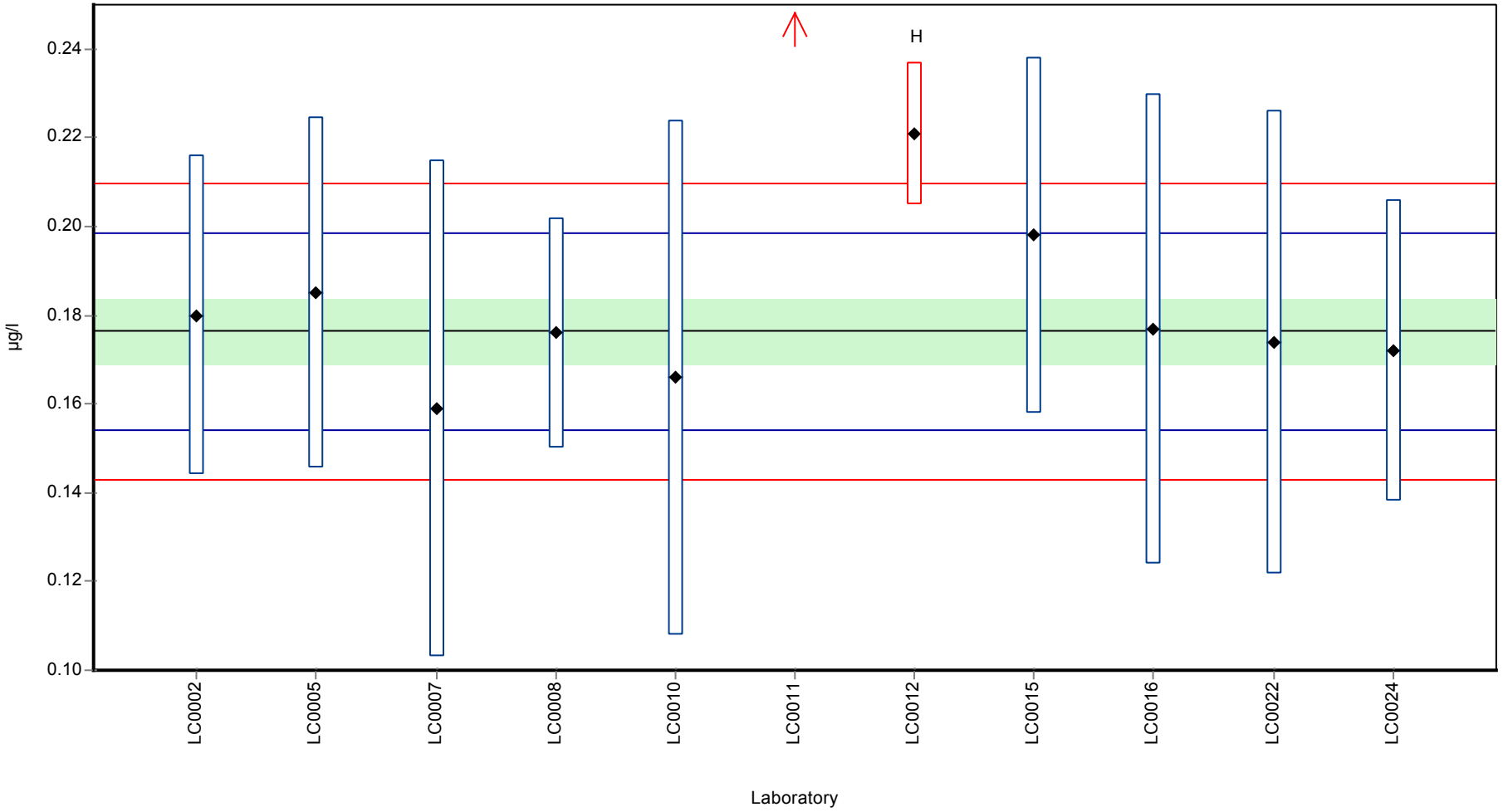
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.18	0.036	102	0.33	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.185	0.0396	105	0.78	
LC0006	-	-	-	-	
LC0007	0.159	0.056	90.2	-1.56	
LC0008	0.176	0.026	99.8	-0.03	
LC0009	-	-	-	-	
LC0010	0.166	0.058	94.1	-0.93	
LC0011	0.398	0.239	226	19.9	H
LC0012	0.221	0.016	125	4.02	H
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.198	0.04	112	1.95	
LC0016	0.177	0.053	100	0.06	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.174	0.0522	98.7	-0.21	
LC0023	-	-	-	-	
LC0024	0.172	0.034	97.5	-0.39	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.201 ± 0.0611	0.176 ± 0.0111	µg/l
Minimum	0.159	0.159	µg/l
Maximum	0.398	0.198	µg/l
Standard deviation	0.0676	0.0111	µg/l
rel. Standard deviation	33.7	6.31	%
n	11	9	-

Graphical presentation of results

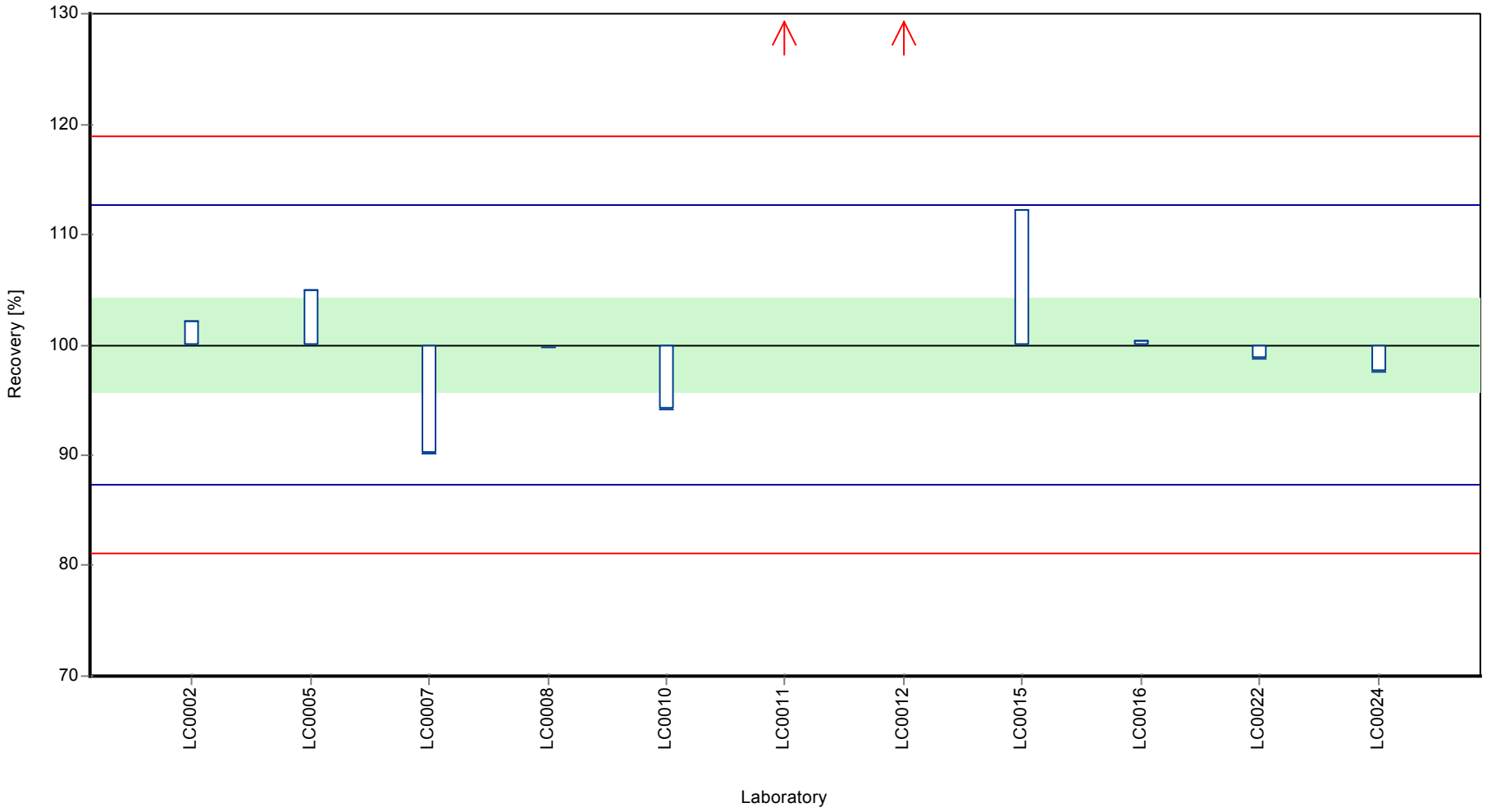
Results



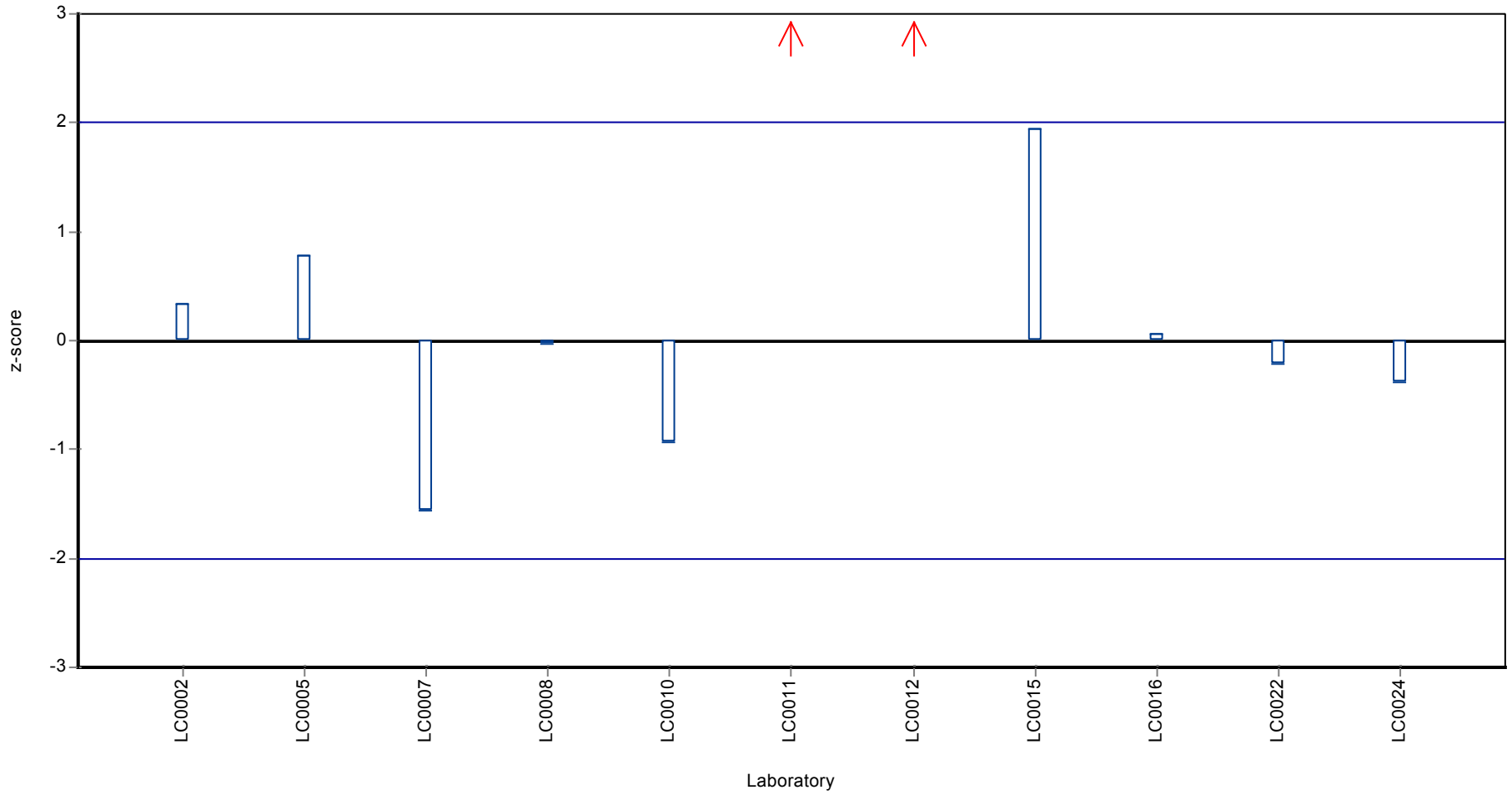
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Pethoxamid

Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0002
LC0005
LC0007
LC0008
LC0010
LC0011
LC0012
LC0015
LC0016
LC0022
LC0024
Laboratory

Parameter oriented report

PM02 B

Pethoxamid

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

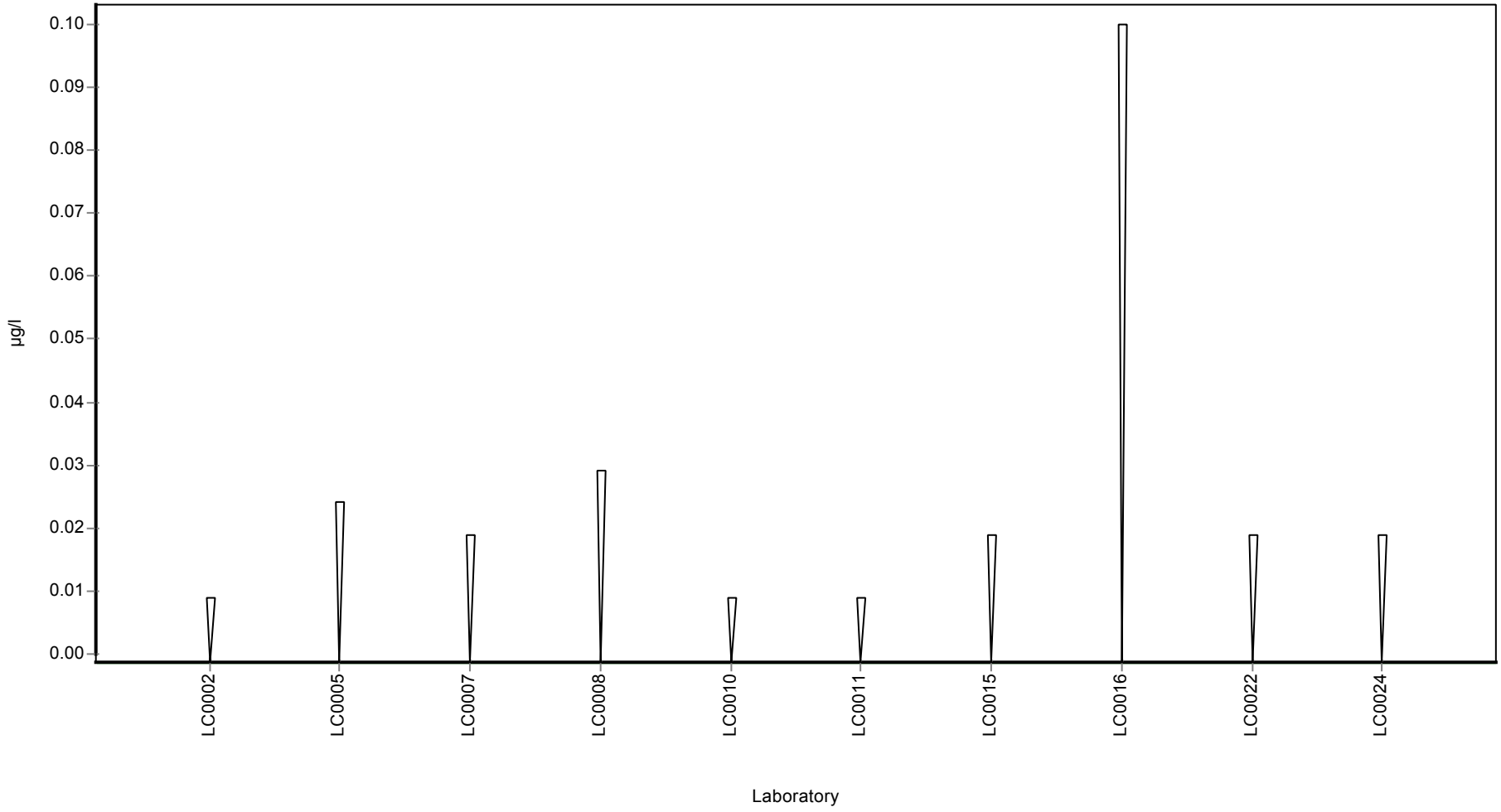
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.02 (LOQ)	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Propazine

Unit	µg/l
Mean ± CI (99%)	0.49 ± 0.0258
Minimum - Maximum	0.419 - 0.536
Control test value ± U	0.488 ± 0.0732

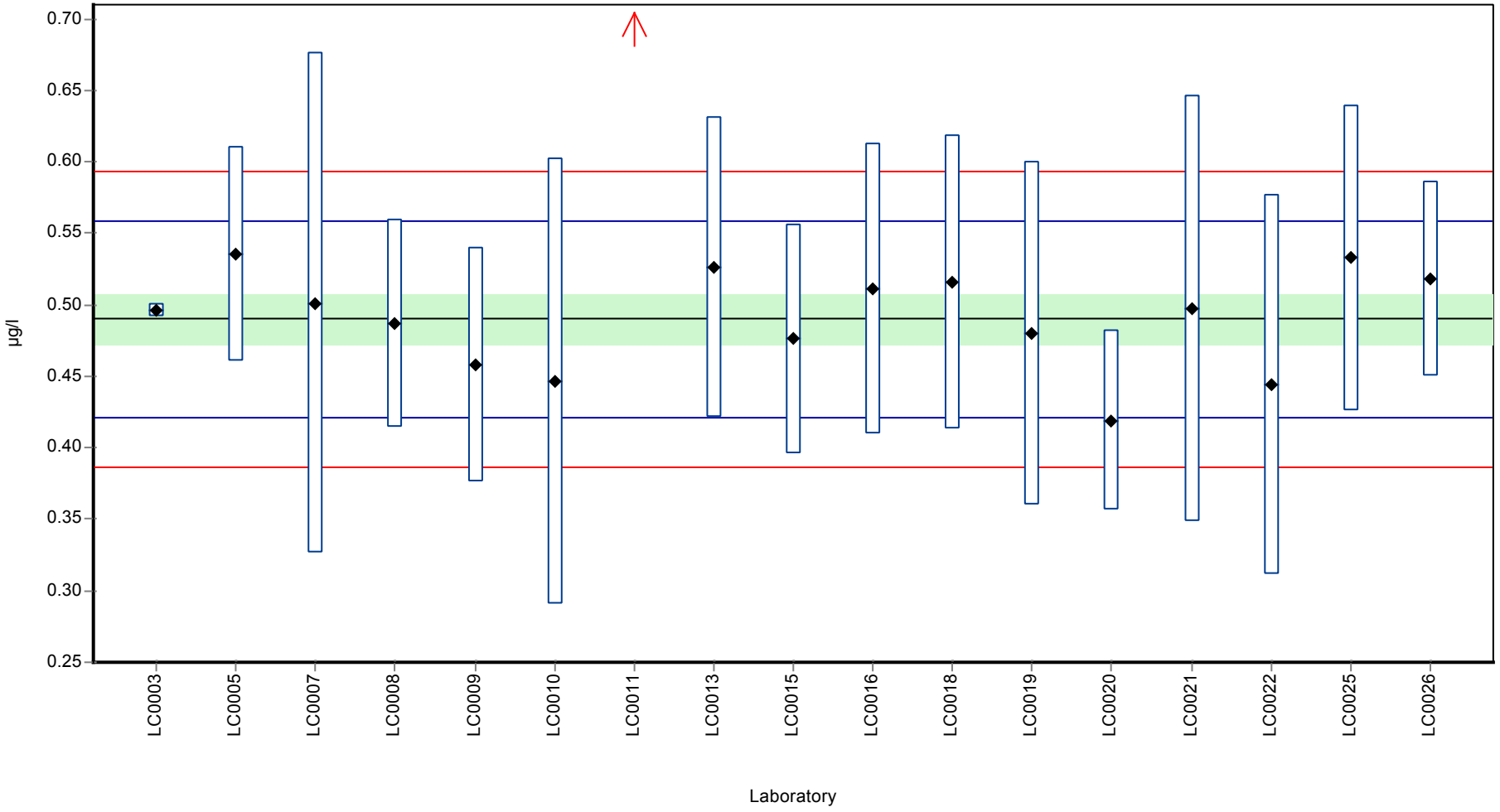
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.496	0.005	101	0.17	
LC0004	-	-	-	-	
LC0005	0.536	0.0751	109	1.33	
LC0006	-	-	-	-	
LC0007	0.501	0.175	102	0.31	
LC0008	0.487	0.073	99.3	-0.09	
LC0009	0.458	0.082	93.4	-0.94	
LC0010	0.446	0.156	91	-1.28	
LC0011	3.12	1.872	636	76.4	H
LC0012	-	-	-	-	
LC0013	0.526	0.105	107	1.04	
LC0014	-	-	-	-	
LC0015	0.476	0.08	97.1	-0.41	
LC0016	0.511	0.102	104	0.6	
LC0017	-	-	-	-	
LC0018	0.516	0.103	105	0.75	
LC0019	0.48	0.12	97.9	-0.3	
LC0020	0.419	0.06285	85.5	-2.07	
LC0021	0.497	0.1491	101	0.2	
LC0022	0.444	0.1332	90.6	-1.34	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.533	0.107	109	1.24	
LC0026	0.518	0.068	106	0.81	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.645 ± 0.465	0.49 ± 0.0258	µg/l
Minimum	0.419	0.419	µg/l
Maximum	3.12	0.536	µg/l
Standard deviation	0.639	0.0344	µg/l
rel. Standard deviation	99	7.02	%
n	17	16	-

Graphical presentation of results

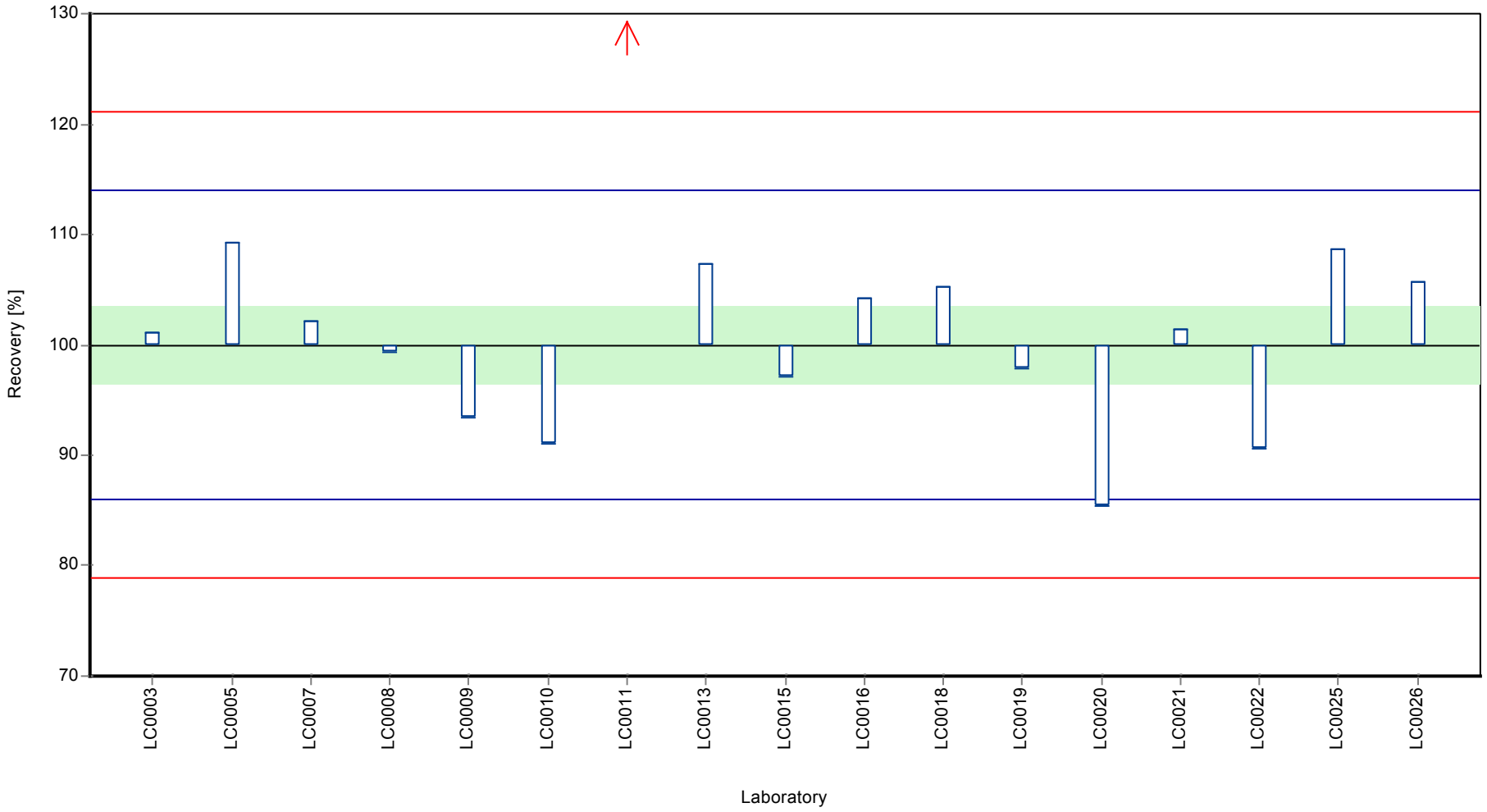
Results



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Propazine

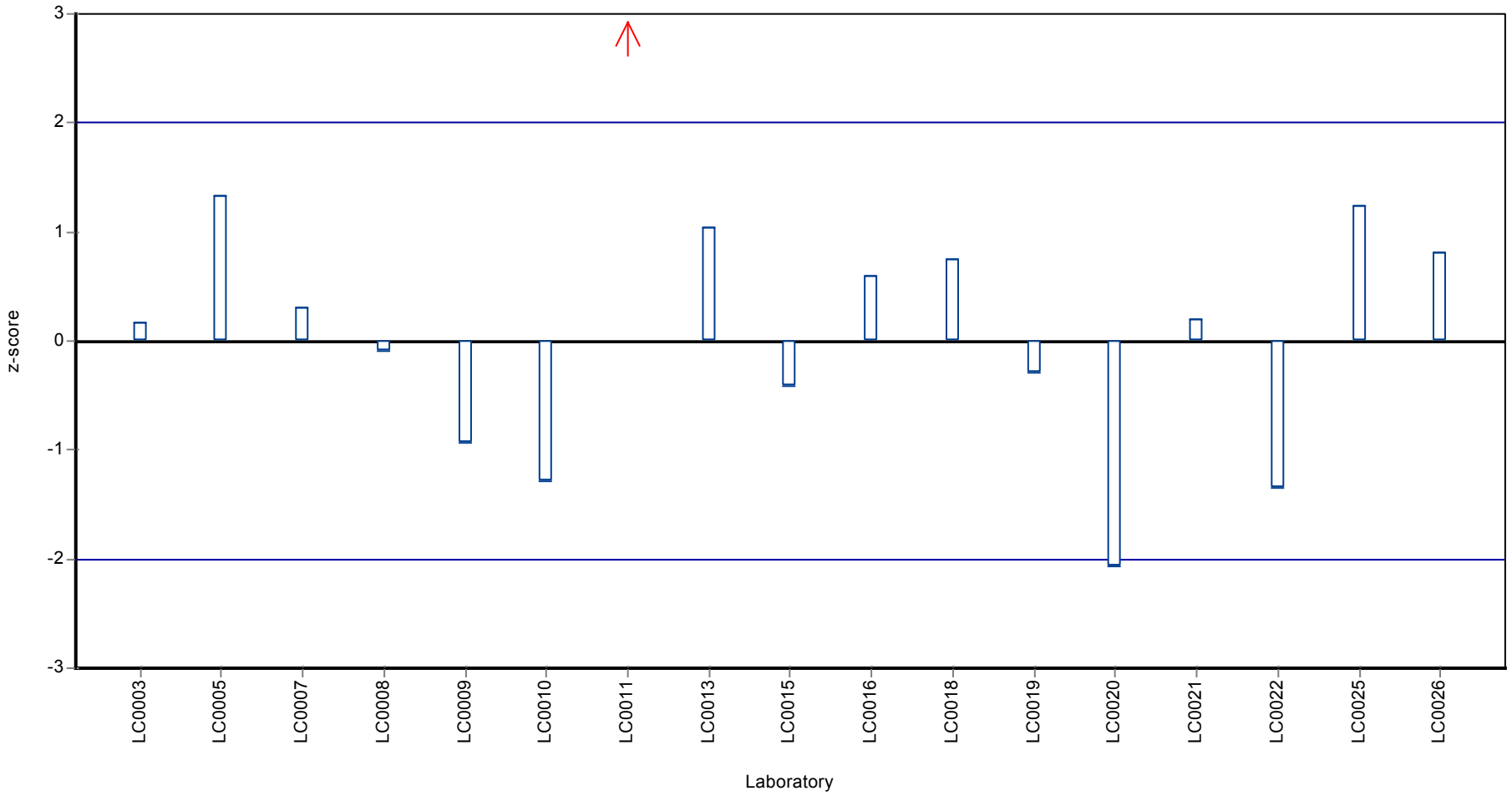
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Propazine

Z-score



Parameter oriented report

PM02 B

Propazine

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

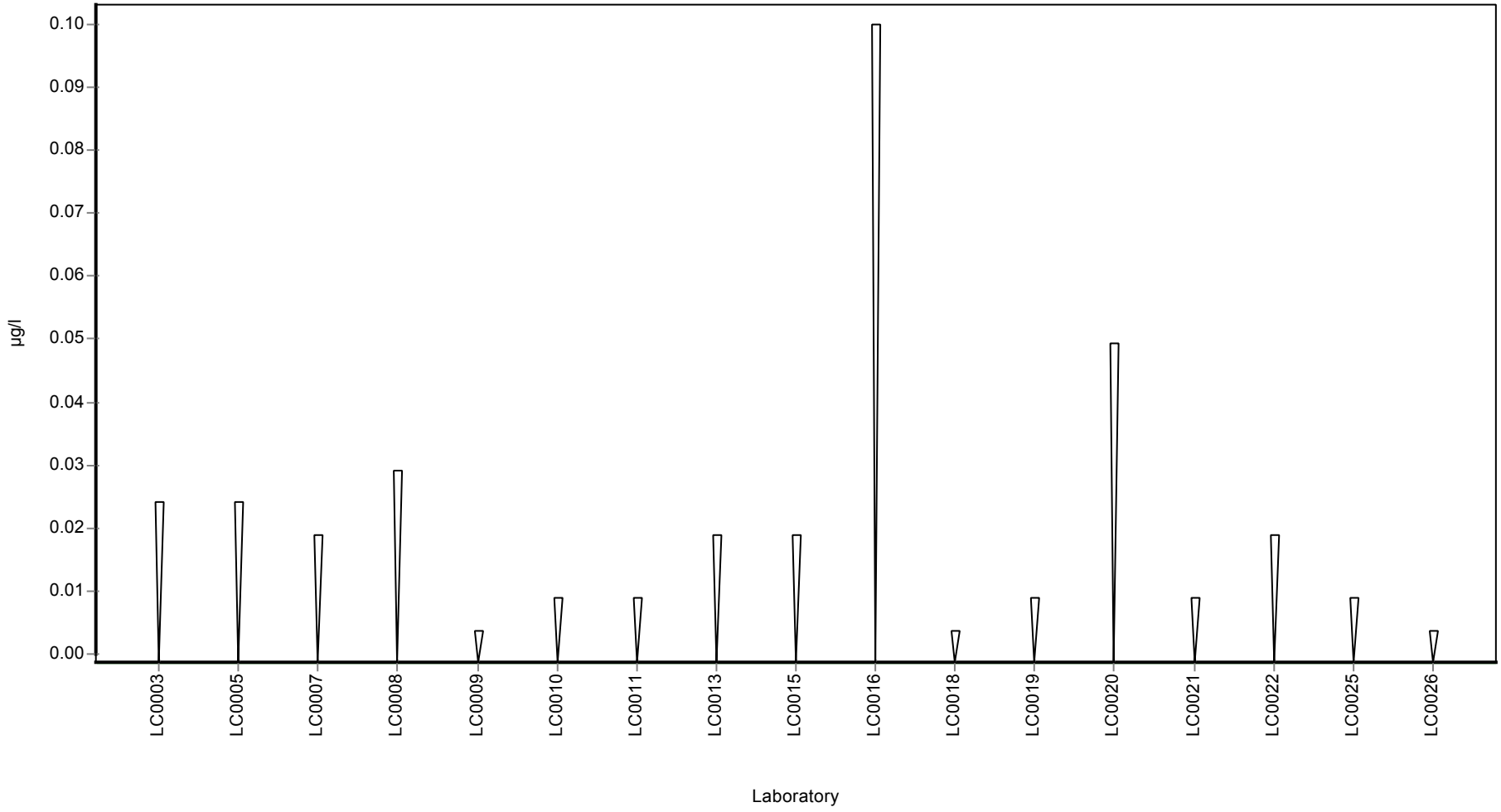
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.025 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	< 0.005 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Propazine-2-hydroxy

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

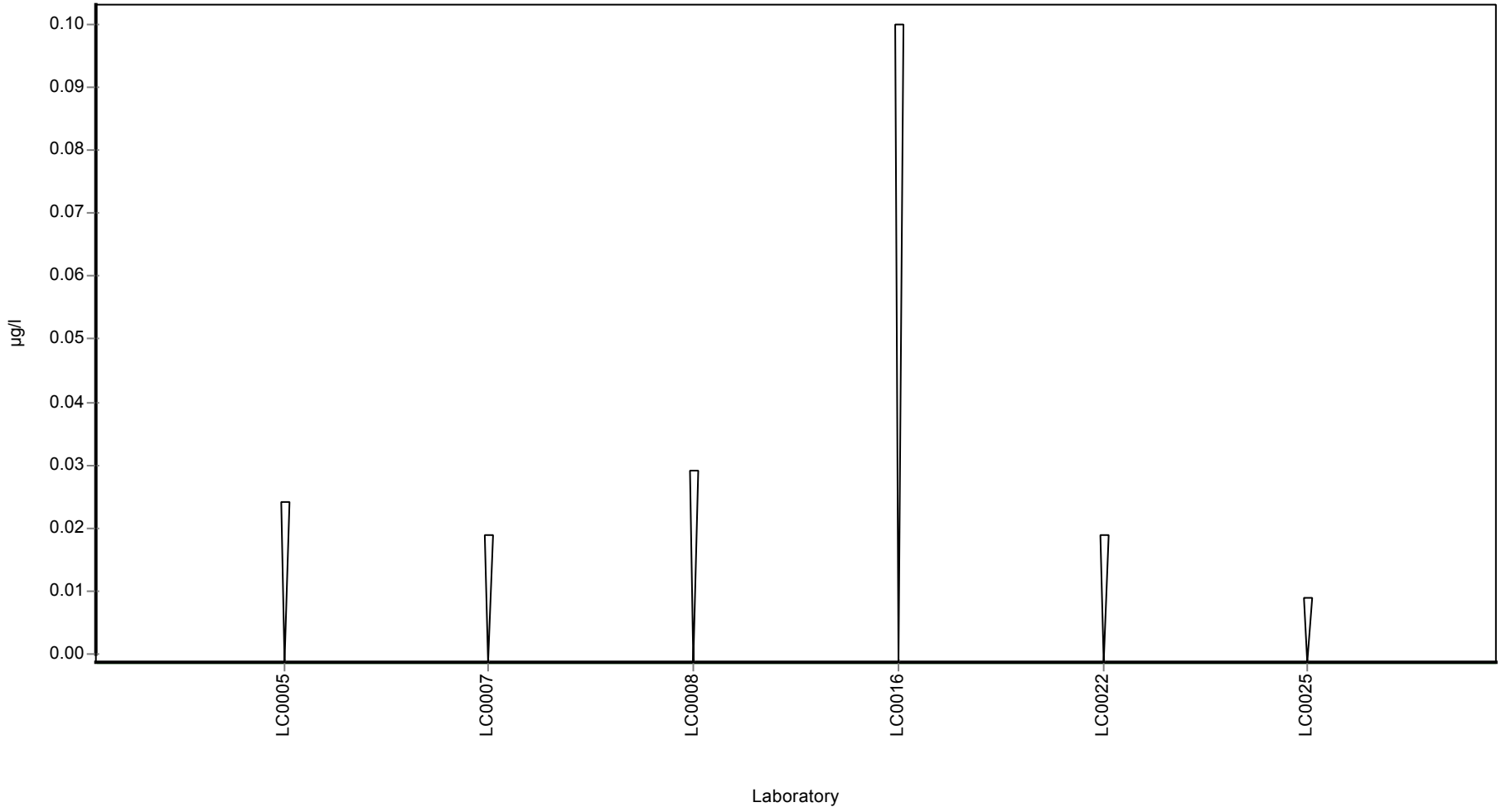
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Propazine-2-hydroxy

Unit	µg/l
Mean ± CI (99%)	0.205 ± 0.0224
Minimum - Maximum	0.186 - 0.23
Control test value ± U	0.21 ± 0.0315

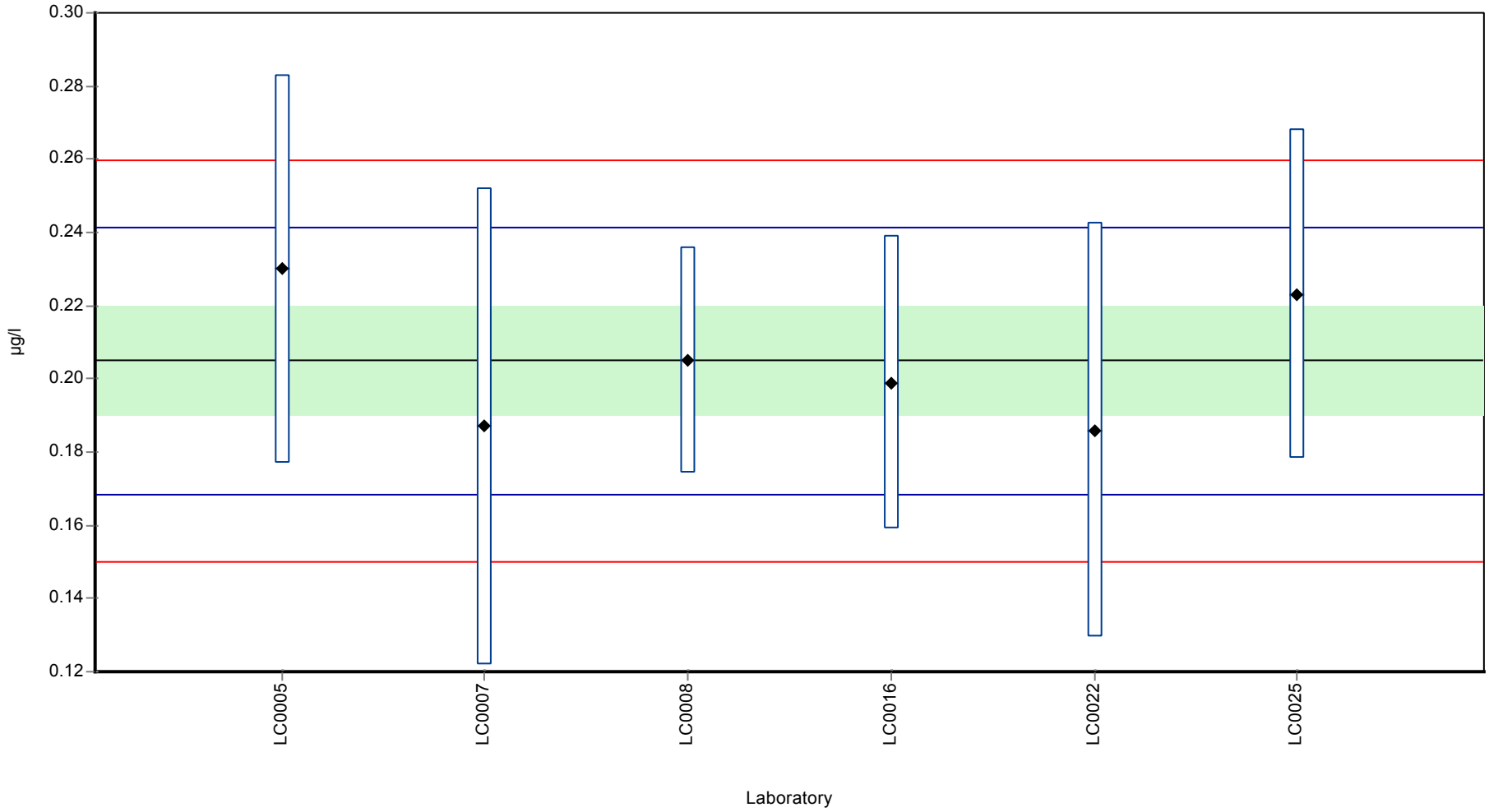
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.23	0.053	112	1.37	
LC0006	-	-	-	-	
LC0007	0.187	0.065	91.2	-0.98	
LC0008	0.205	0.031	100	0	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.199	0.04	97.1	-0.33	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.186	0.0567	90.7	-1.04	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.223	0.045	109	0.98	
LC0026	-	-	-	-	

Characteristics of parameter

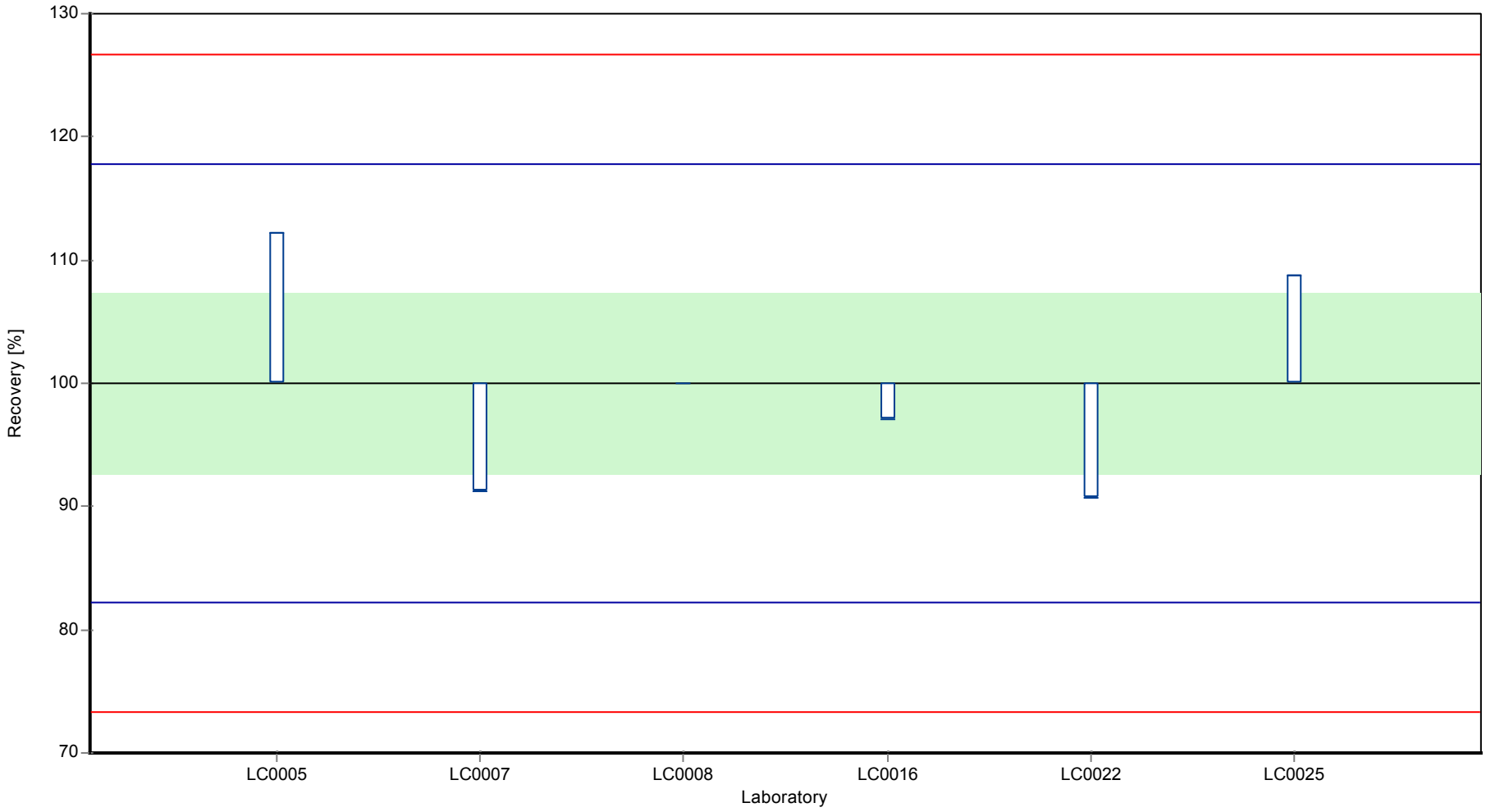
	all results	without outliers	Unit
Mean ± CI (99%)	0.205 ± 0.0224	0.205 ± 0.0224	µg/l
Minimum	0.186	0.186	µg/l
Maximum	0.23	0.23	µg/l
Standard deviation	0.0183	0.0183	µg/l
rel. Standard deviation	8.92	8.92	%
n	6	6	-

Graphical presentation of results

Results



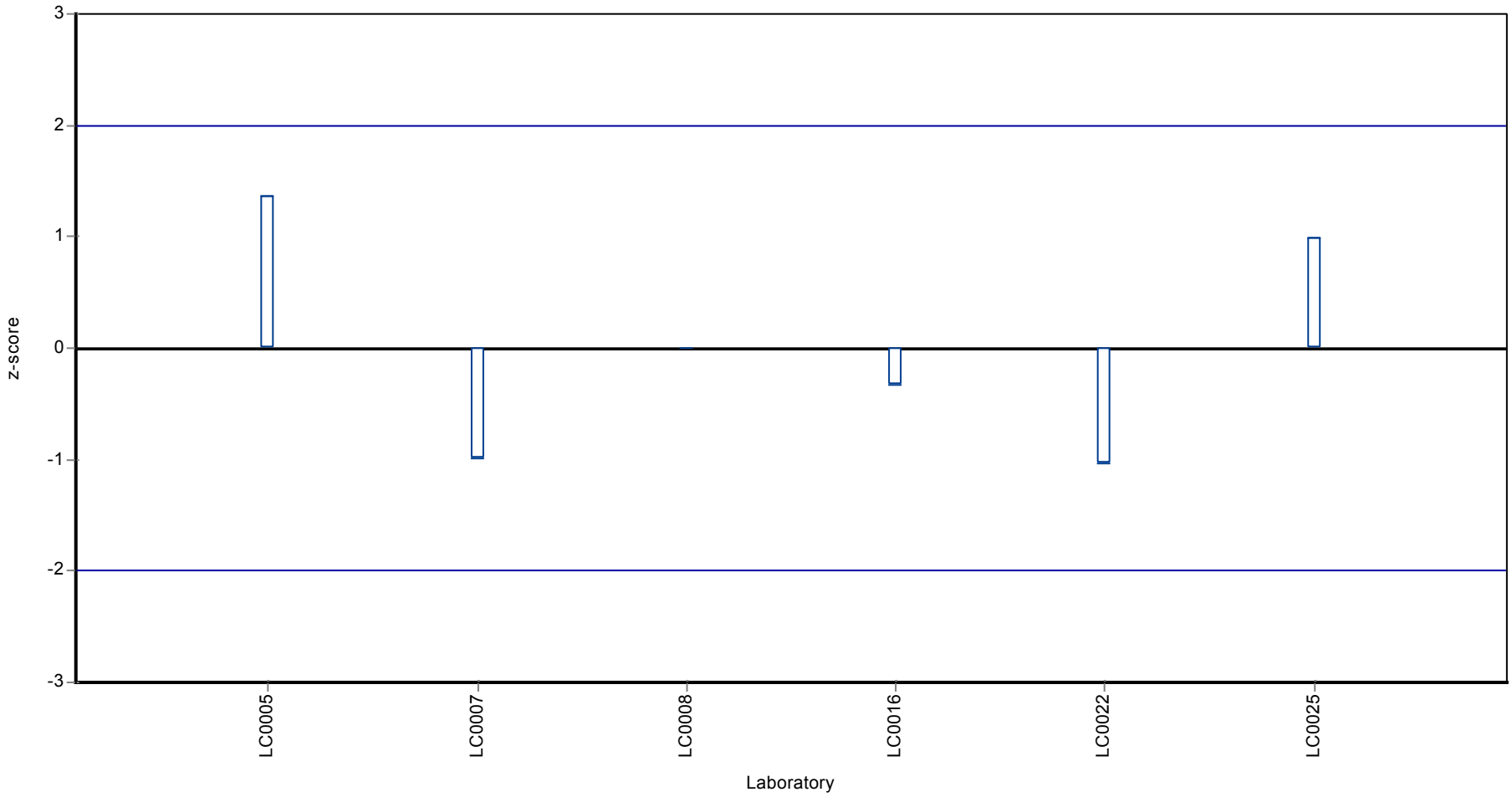
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Propazine-2-hydroxy

Z-score



Parameter oriented report

PM02 A

Propiconazole

Unit	µg/l
Mean ± CI (99%)	0.152 ± 0.0146
Minimum - Maximum	0.125 - 0.191
Control test value ± U	0.166 ± 0.0248

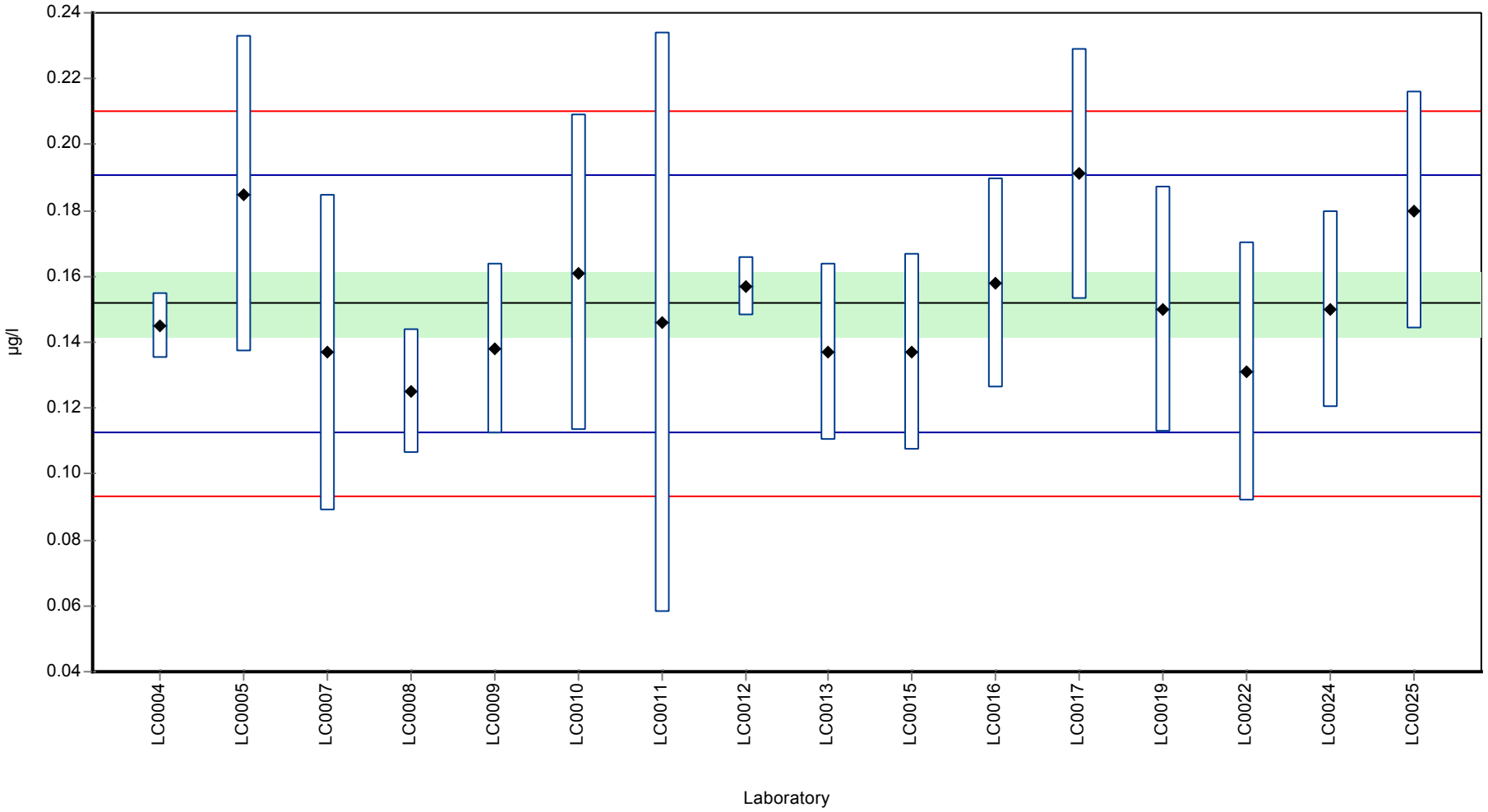
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.145	0.01	95.6	-0.35	
LC0005	0.185	0.048	122	1.71	
LC0006	-	-	-	-	
LC0007	0.137	0.048	90.3	-0.76	
LC0008	0.125	0.019	82.4	-1.38	
LC0009	0.138	0.026	90.9	-0.71	
LC0010	0.161	0.048	106	0.48	
LC0011	0.146	0.088	96.2	-0.3	
LC0012	0.157	0.009	103	0.27	
LC0013	0.137	0.027	90.3	-0.76	
LC0014	-	-	-	-	
LC0015	0.137	0.03	90.3	-0.76	
LC0016	0.158	0.032	104	0.32	
LC0017	0.191	0.038	126	2.02	
LC0018	-	-	-	-	
LC0019	0.15	0.0375	98.8	-0.09	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.131	0.0393	86.3	-1.07	
LC0023	-	-	-	-	
LC0024	0.15	0.03	98.8	-0.09	
LC0025	0.18	0.036	119	1.45	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.152 ± 0.0146	0.152 ± 0.0146	µg/l
Minimum	0.125	0.125	µg/l
Maximum	0.191	0.191	µg/l
Standard deviation	0.0194	0.0194	µg/l
rel. Standard deviation	12.8	12.8	%
n	16	16	-

Graphical presentation of results

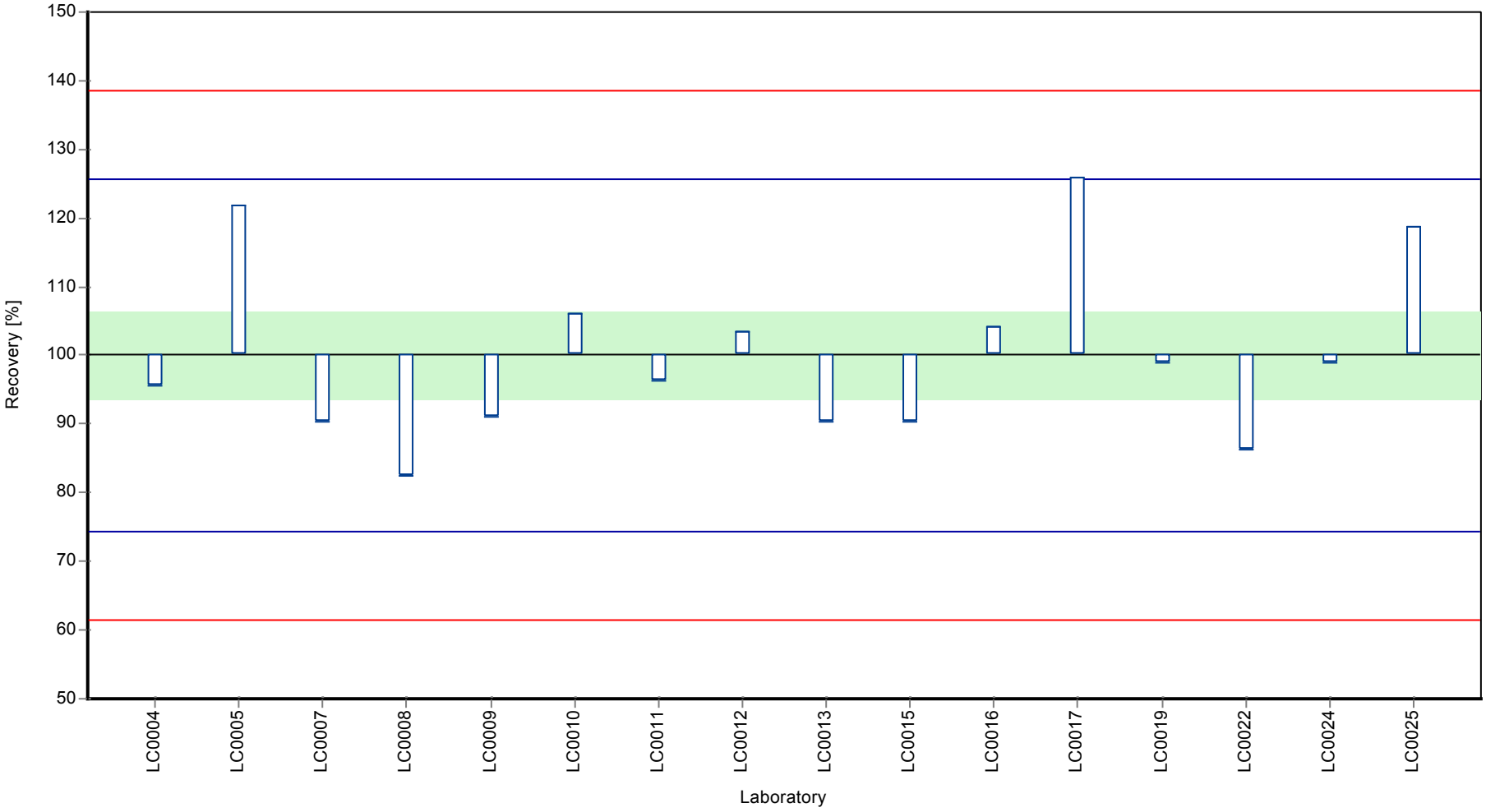
Results



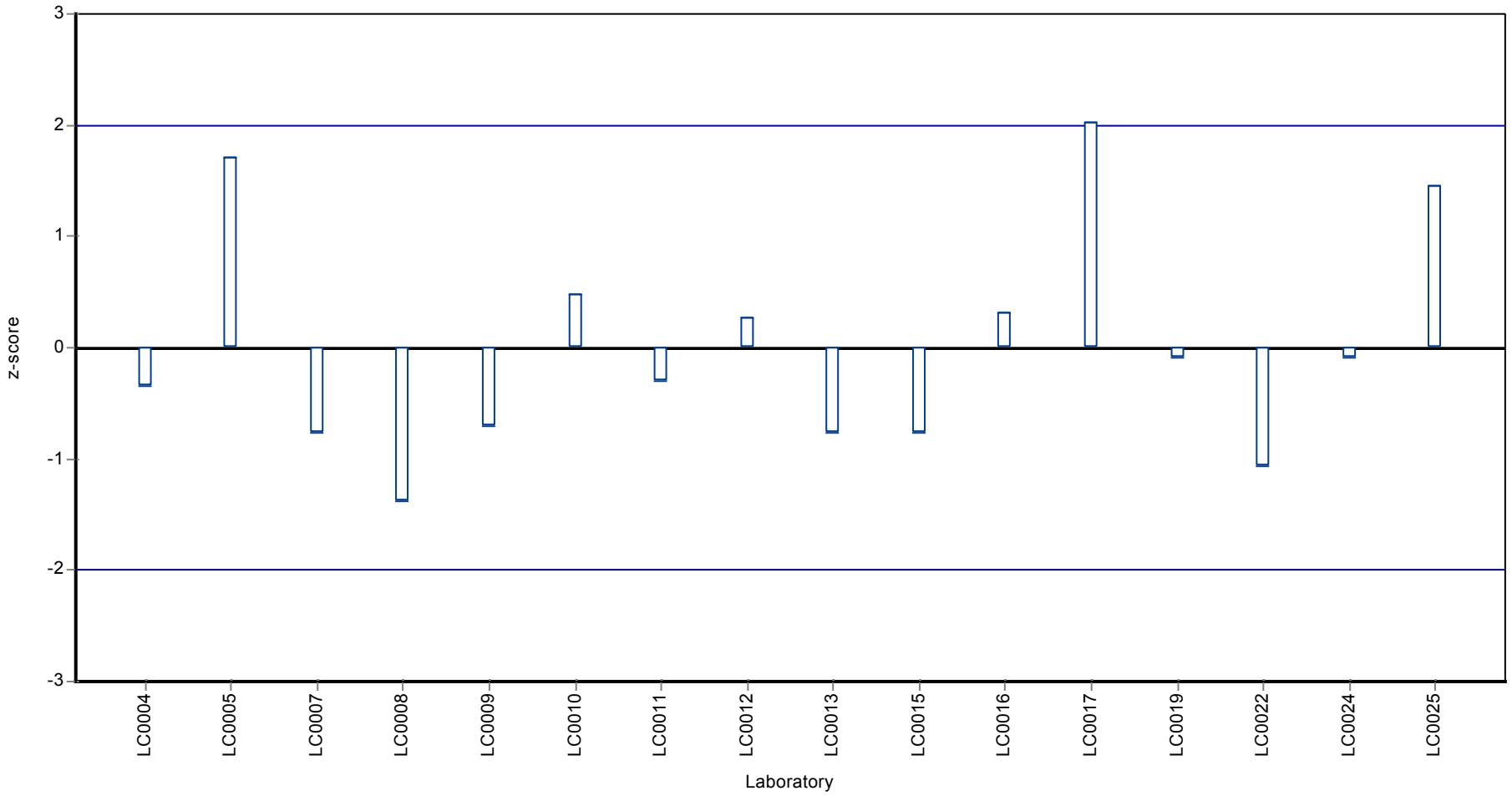
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Propiconazole

Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0004
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0019
LC0022
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 B

Propiconazole

Unit	µg/l
Mean ± CI (99%)	0.363 ± 0.0362
Minimum - Maximum	0.289 - 0.446
Control test value ± U	0.393 ± 0.059

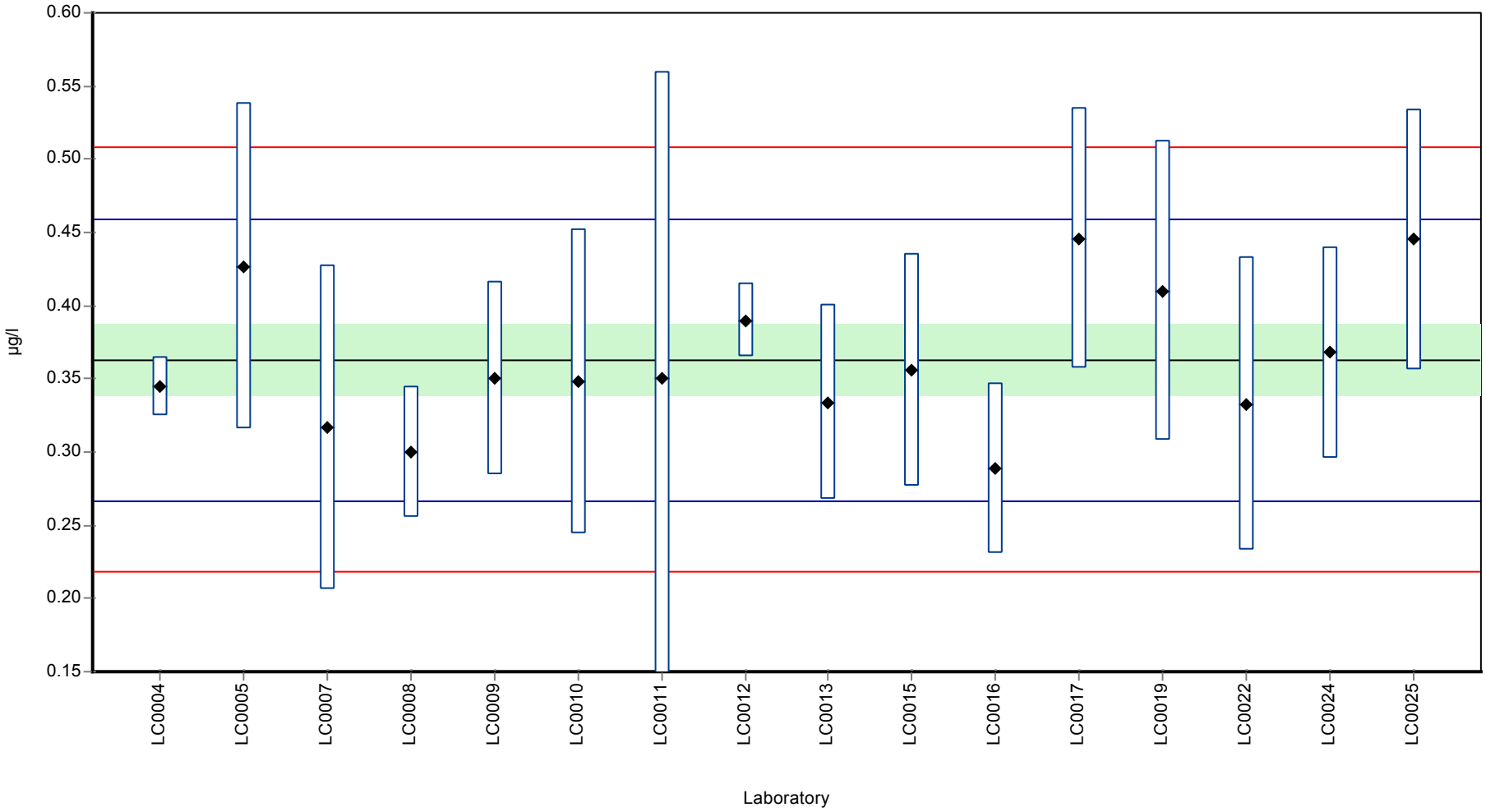
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.345	0.02	95	-0.37	
LC0005	0.427	0.111	118	1.33	
LC0006	-	-	-	-	
LC0007	0.317	0.111	87.3	-0.95	
LC0008	0.3	0.045	82.6	-1.31	
LC0009	0.35	0.066	96.4	-0.27	
LC0010	0.348	0.104	95.9	-0.31	
LC0011	0.35	0.21	96.4	-0.27	
LC0012	0.39	0.025	107	0.56	
LC0013	0.334	0.067	92	-0.6	
LC0014	-	-	-	-	
LC0015	0.356	0.08	98.1	-0.14	
LC0016	0.289	0.058	79.6	-1.53	
LC0017	0.446	0.089	123	1.72	
LC0018	-	-	-	-	
LC0019	0.41	0.1025	113	0.97	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.333	0.0999	91.7	-0.62	
LC0023	-	-	-	-	
LC0024	0.368	0.072	101	0.1	
LC0025	0.445	0.089	123	1.7	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.363 ± 0.0362	0.363 ± 0.0362	µg/l
Minimum	0.289	0.289	µg/l
Maximum	0.446	0.446	µg/l
Standard deviation	0.0482	0.0482	µg/l
rel. Standard deviation	13.3	13.3	%
n	16	16	-

Graphical presentation of results

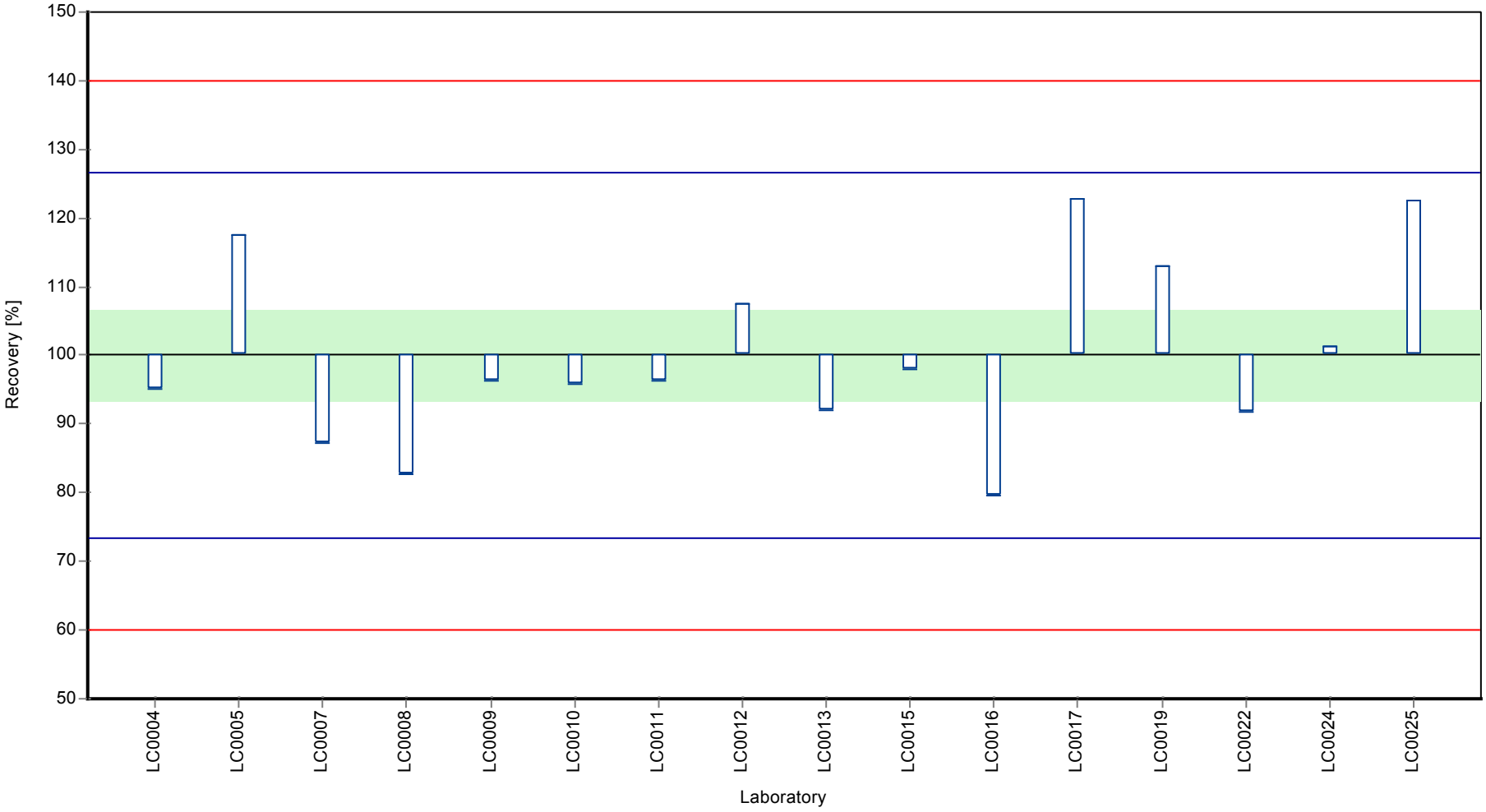
Results



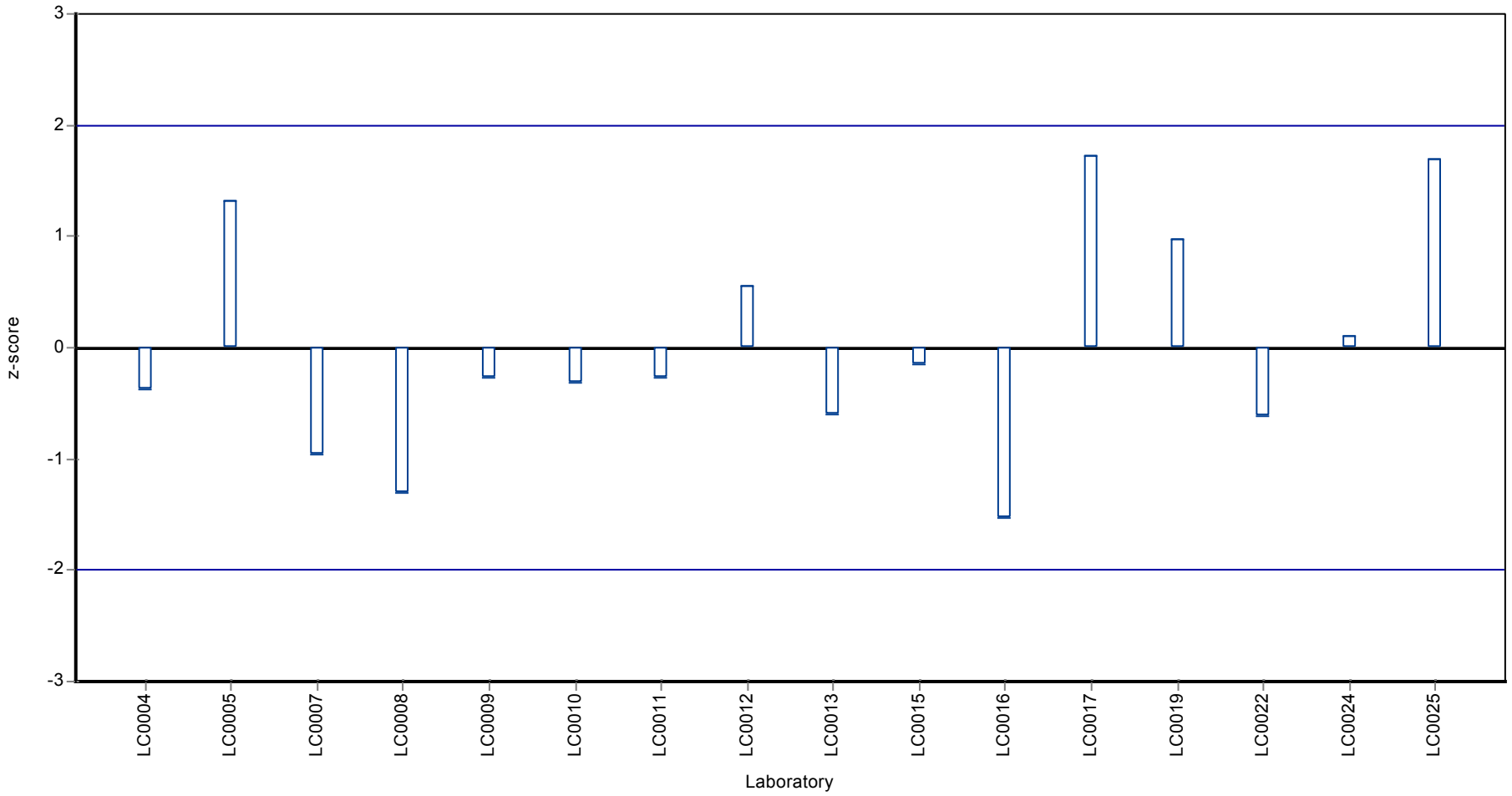
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Propiconazole

Recovery rate



Z-score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z-score
LC0004
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0019
LC0022
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 A

s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.001 - 0.001
Control test value ± U	<0.025 (LOD)

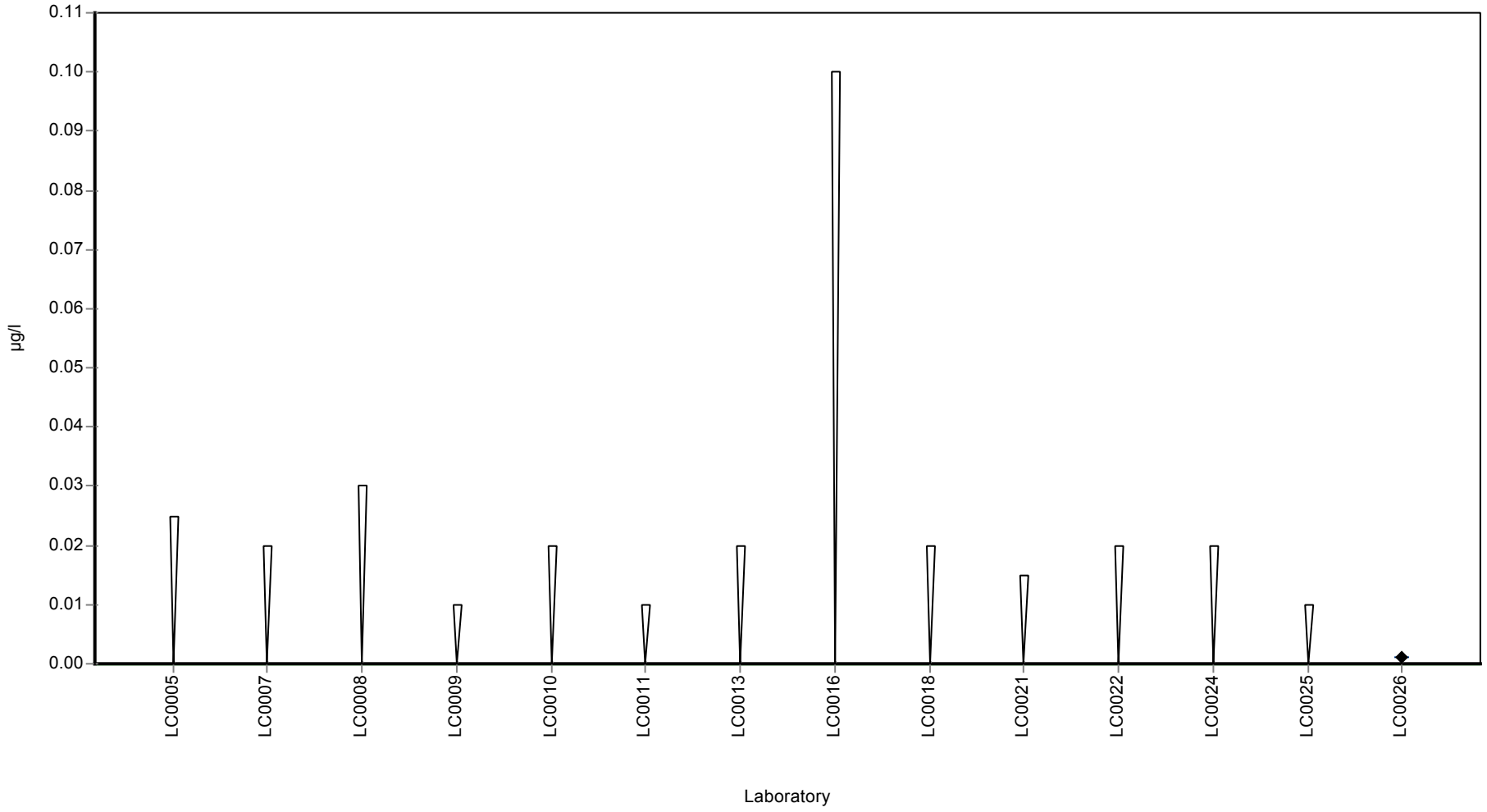
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.02 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.015 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.02 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	0.001	0.0001	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.001	-	µg/l
Minimum	0.001	0.001	µg/l
Maximum	0.001	0.001	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)

Unit	µg/l
Mean ± CI (99%)	2.75 ± 0.245
Minimum - Maximum	2.15 - 3.41
Control test value ± U	2.45 ± 0.368

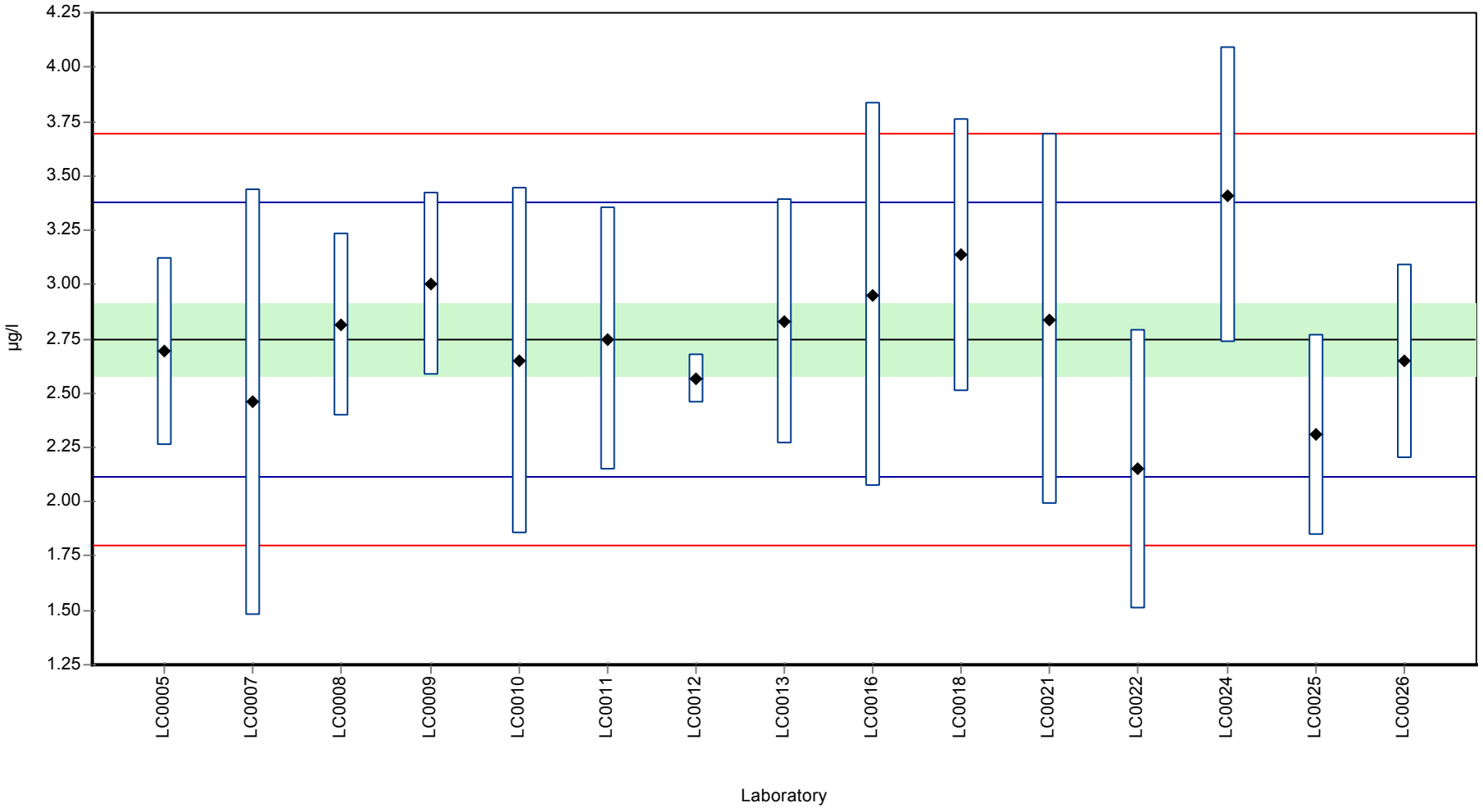
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	2.69	0.431	97.9	-0.18	
LC0006	-	-	-	-	
LC0007	2.458	0.983	89.5	-0.91	
LC0008	2.816	0.422	103	0.22	
LC0009	3	0.42	109	0.8	
LC0010	2.65	0.795	96.5	-0.31	
LC0011	2.75	0.605	100	0.01	
LC0012	2.568	0.113	93.5	-0.56	
LC0013	2.829	0.565	103	0.26	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	2.952	0.886	107	0.65	
LC0017	-	-	-	-	
LC0018	3.136	0.627	114	1.23	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	2.84	0.852	103	0.29	
LC0022	2.15	0.645	78.3	-1.88	
LC0023	-	-	-	-	
LC0024	3.41	0.68	124	2.09	
LC0025	2.309	0.462	84.1	-1.38	
LC0026	2.645	0.444	96.3	-0.32	

Characteristics of parameter

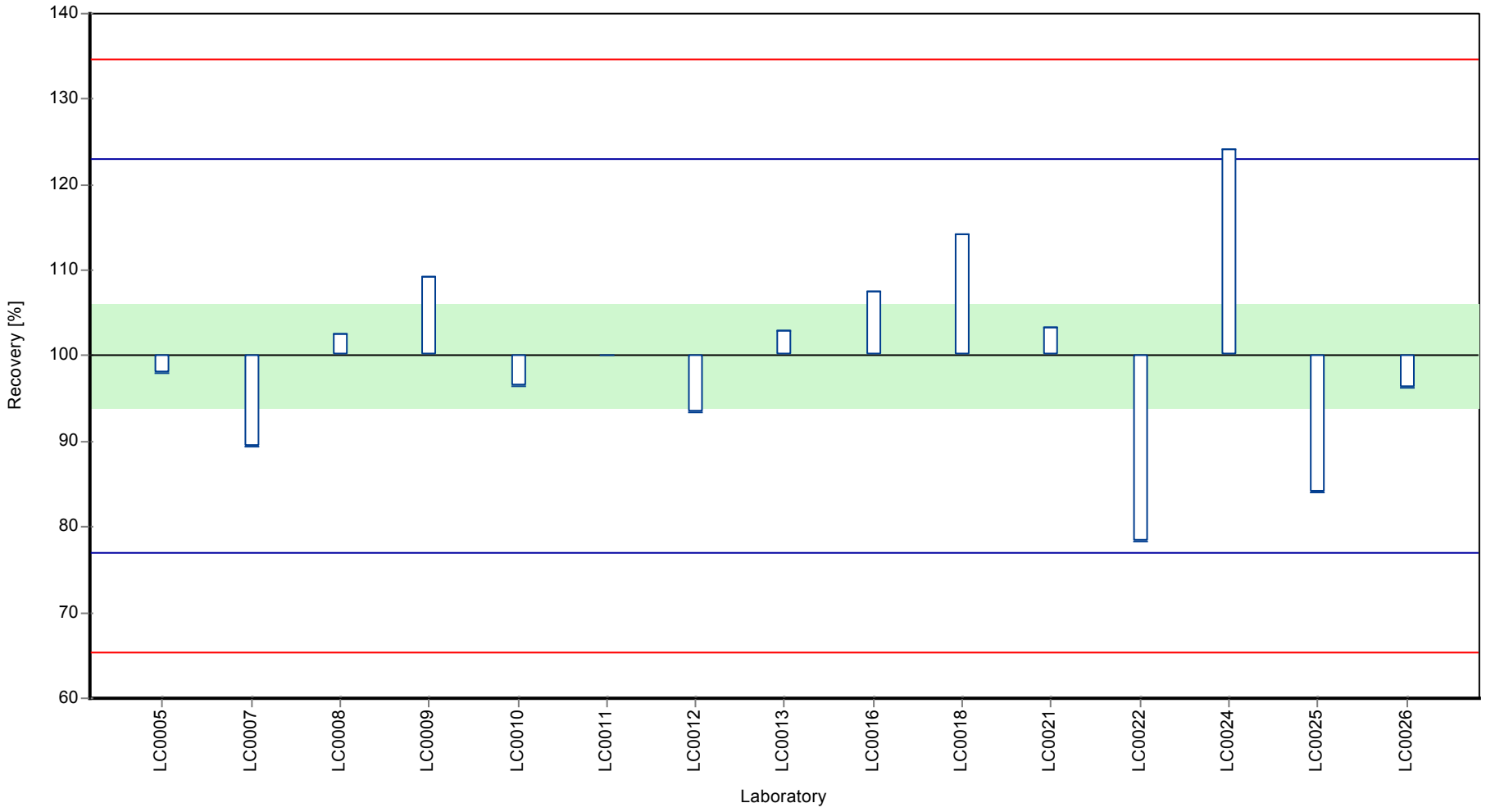
	all results	without outliers	Unit
Mean ± CI (99%)	2.75 ± 0.245	2.75 ± 0.245	µg/l
Minimum	2.15	2.15	µg/l
Maximum	3.41	3.41	µg/l
Standard deviation	0.317	0.317	µg/l
rel. Standard deviation	11.5	11.5	%
n	15	15	-

Graphical presentation of results

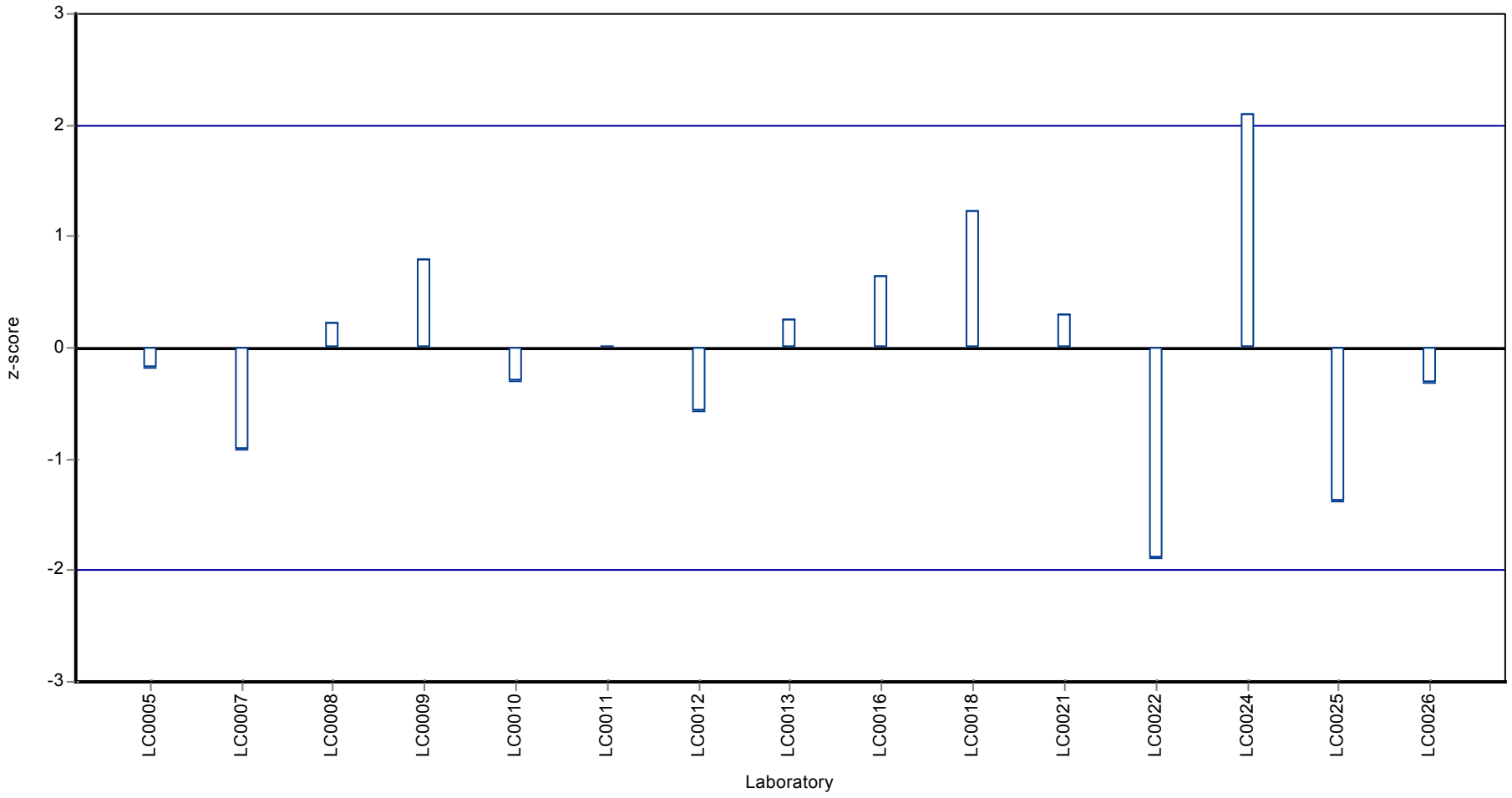
Results



Recovery rate



Z-score


3
2
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0
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z-score
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0016
LC0018
LC0021
LC0022
LC0024
LC0025
LC0026
Laboratory

Parameter oriented report

PM02 A

s-Metolachlor oxanilic acid (Metolachlor-OA)

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

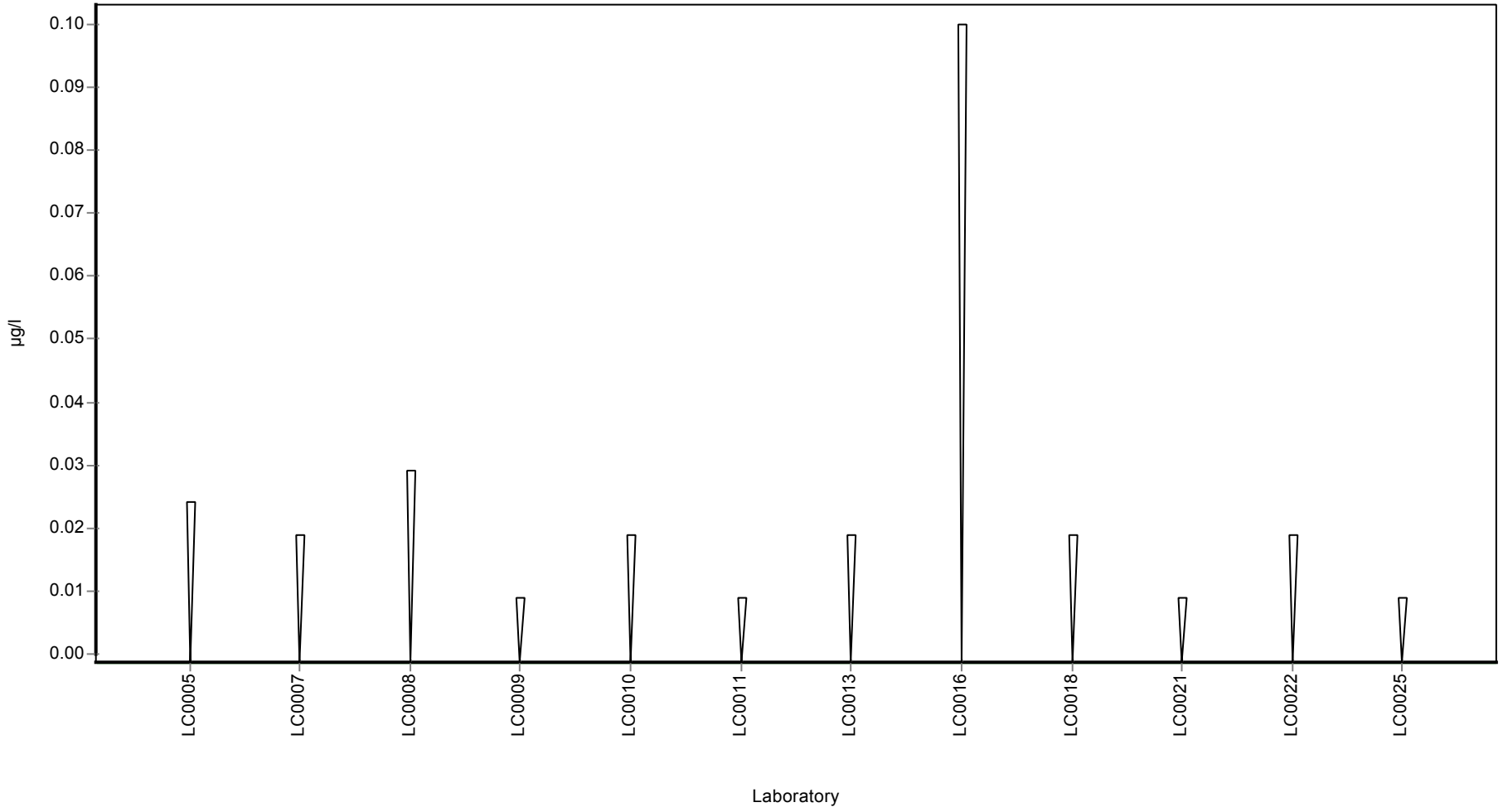
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.02 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

s-Metolachlor oxanilic acid (Metolachlor-OA)

Unit	µg/l
Mean ± CI (99%)	1.09 ± 0.142
Minimum - Maximum	0.814 - 1.48
Control test value ± U	1.02 ± 0.153

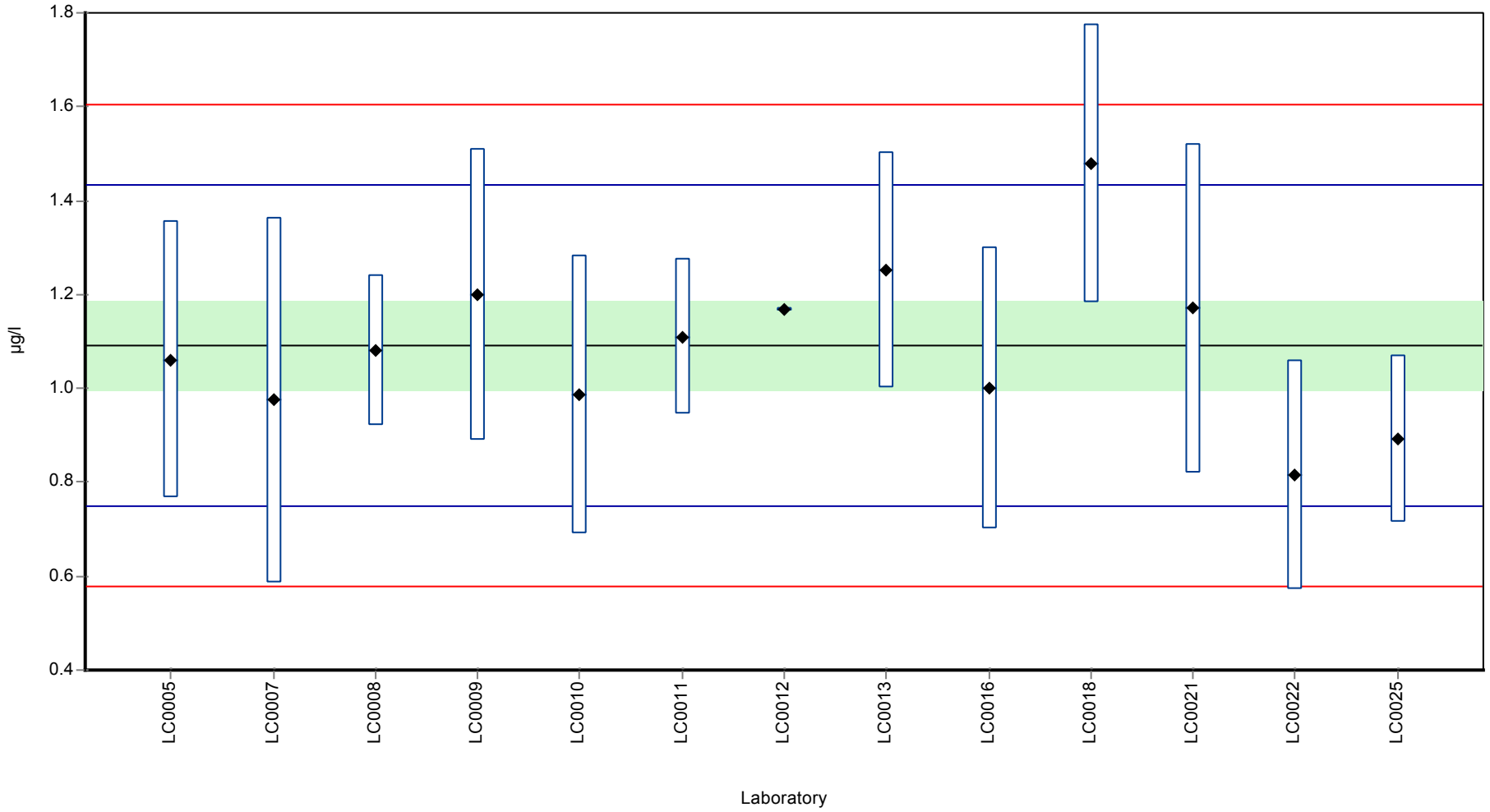
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	1.06	0.295	97.1	-0.18	
LC0006	-	-	-	-	
LC0007	0.975	0.39	89.3	-0.68	
LC0008	1.081	0.162	99.1	-0.06	
LC0009	1.2	0.31	110	0.64	
LC0010	0.987	0.296	90.4	-0.61	
LC0011	1.11	0.167	102	0.11	
LC0012	1.168	0.003	107	0.45	
LC0013	1.252	0.25	115	0.94	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	1	0.3	91.6	-0.53	
LC0017	-	-	-	-	
LC0018	1.479	0.296	136	2.27	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	1.17	0.351	107	0.46	
LC0022	0.814	0.2442	74.6	-1.62	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.891	0.178	81.6	-1.17	
LC0026	-	-	-	-	

Characteristics of parameter

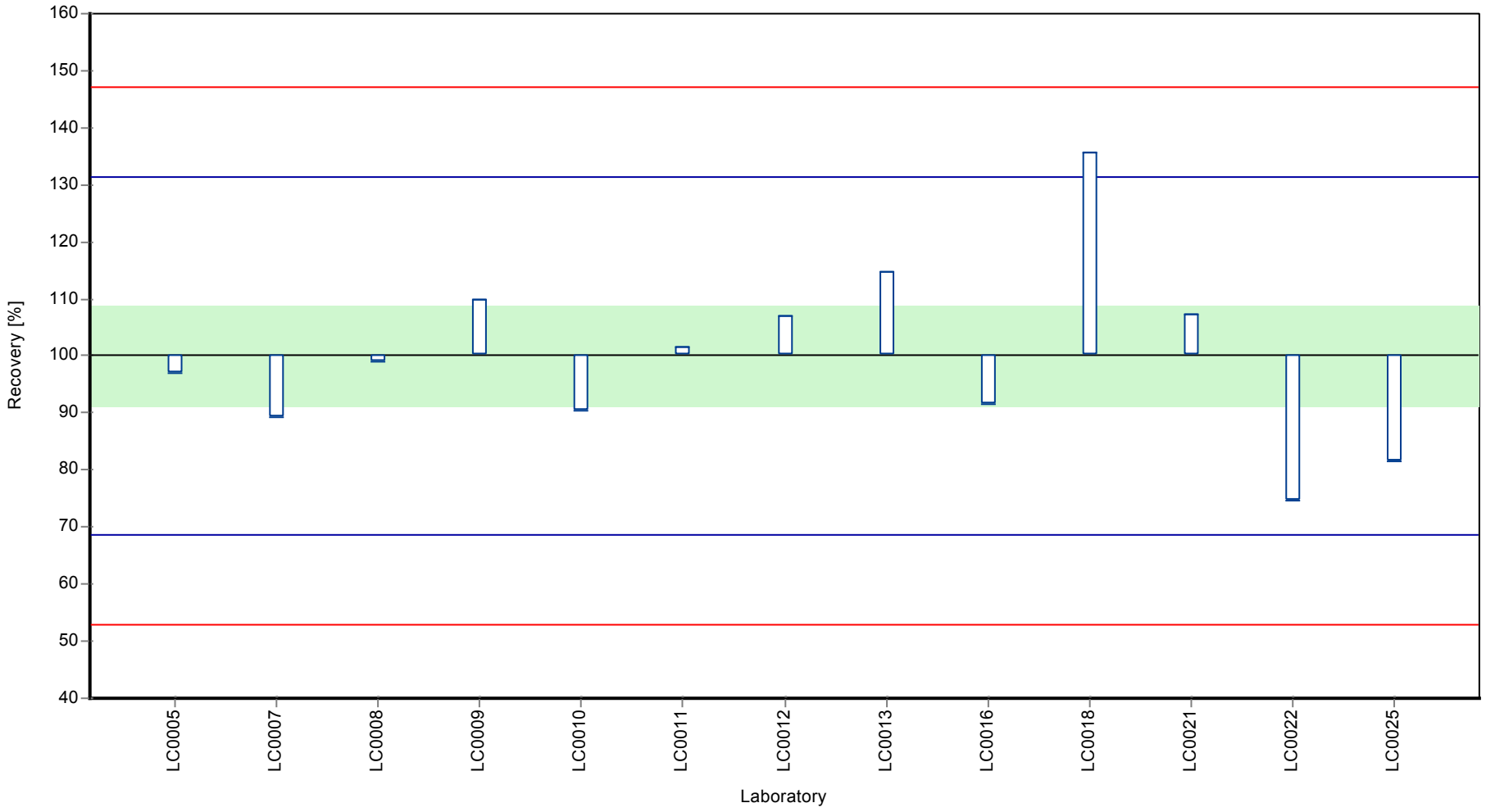
	all results	without outliers	Unit
Mean ± CI (99%)	1.09 ± 0.142	1.09 ± 0.142	µg/l
Minimum	0.814	0.814	µg/l
Maximum	1.48	1.48	µg/l
Standard deviation	0.171	0.171	µg/l
rel. Standard deviation	15.7	15.7	%
n	13	13	-

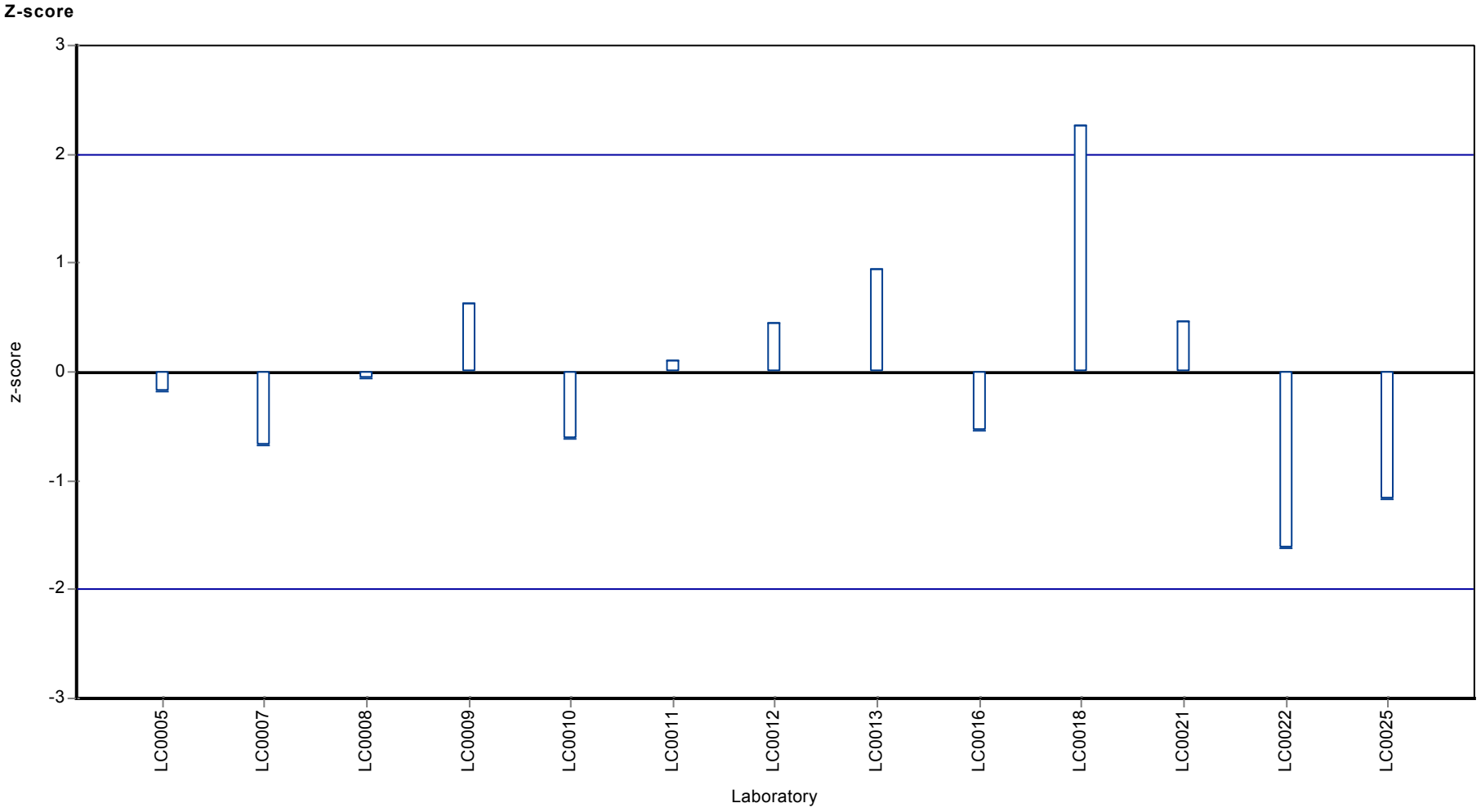
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0016
LC0018
LC0021
LC0022
LC0025
Laboratory

Parameter oriented report

PM02 A

s-Metolachlor Metabolite CGA 368208

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

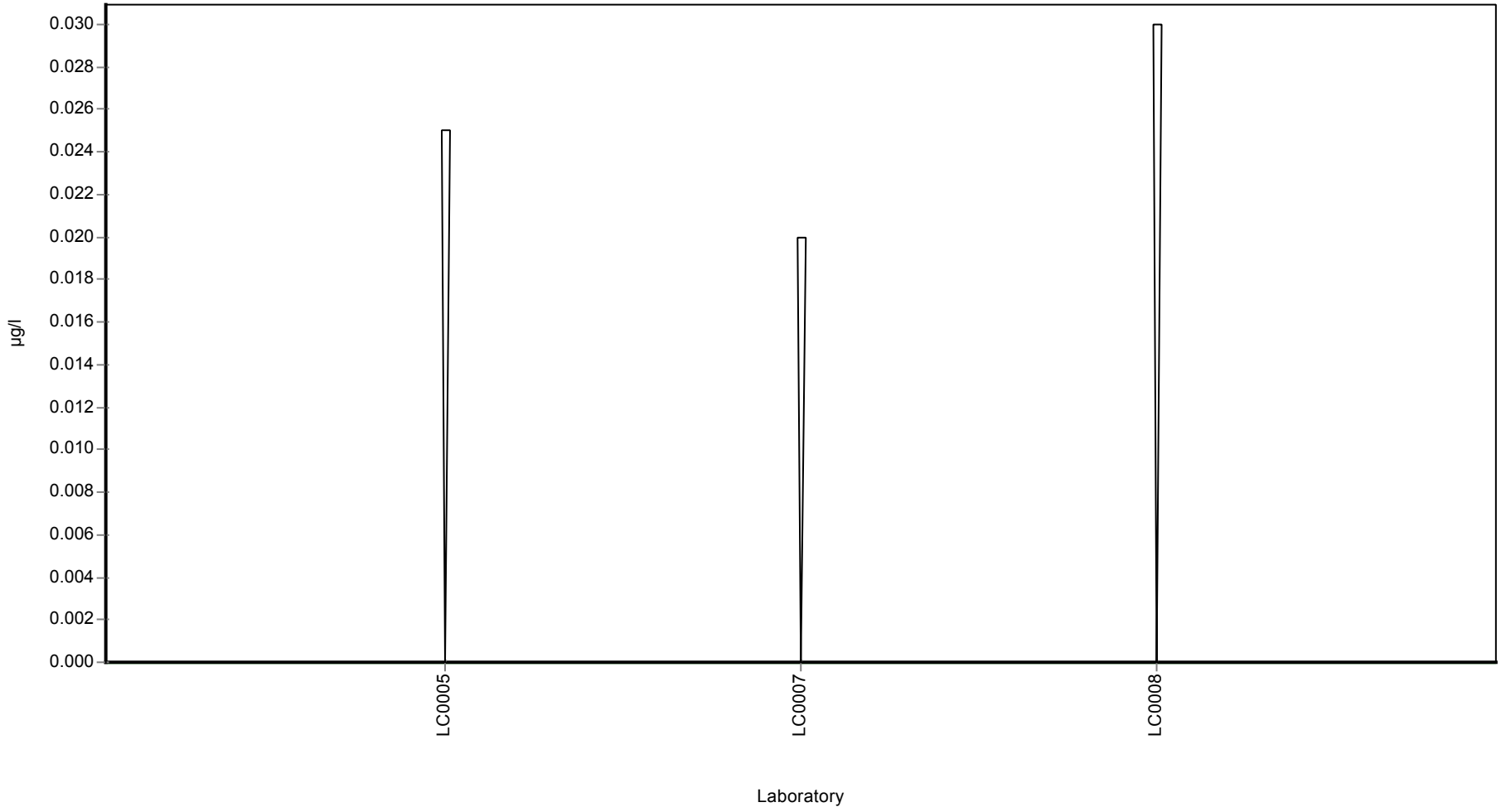
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

s-Metolachlor Metabolite CGA 368208

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.333 - 0.394
Control test value ± U	0.426 ± 0.064

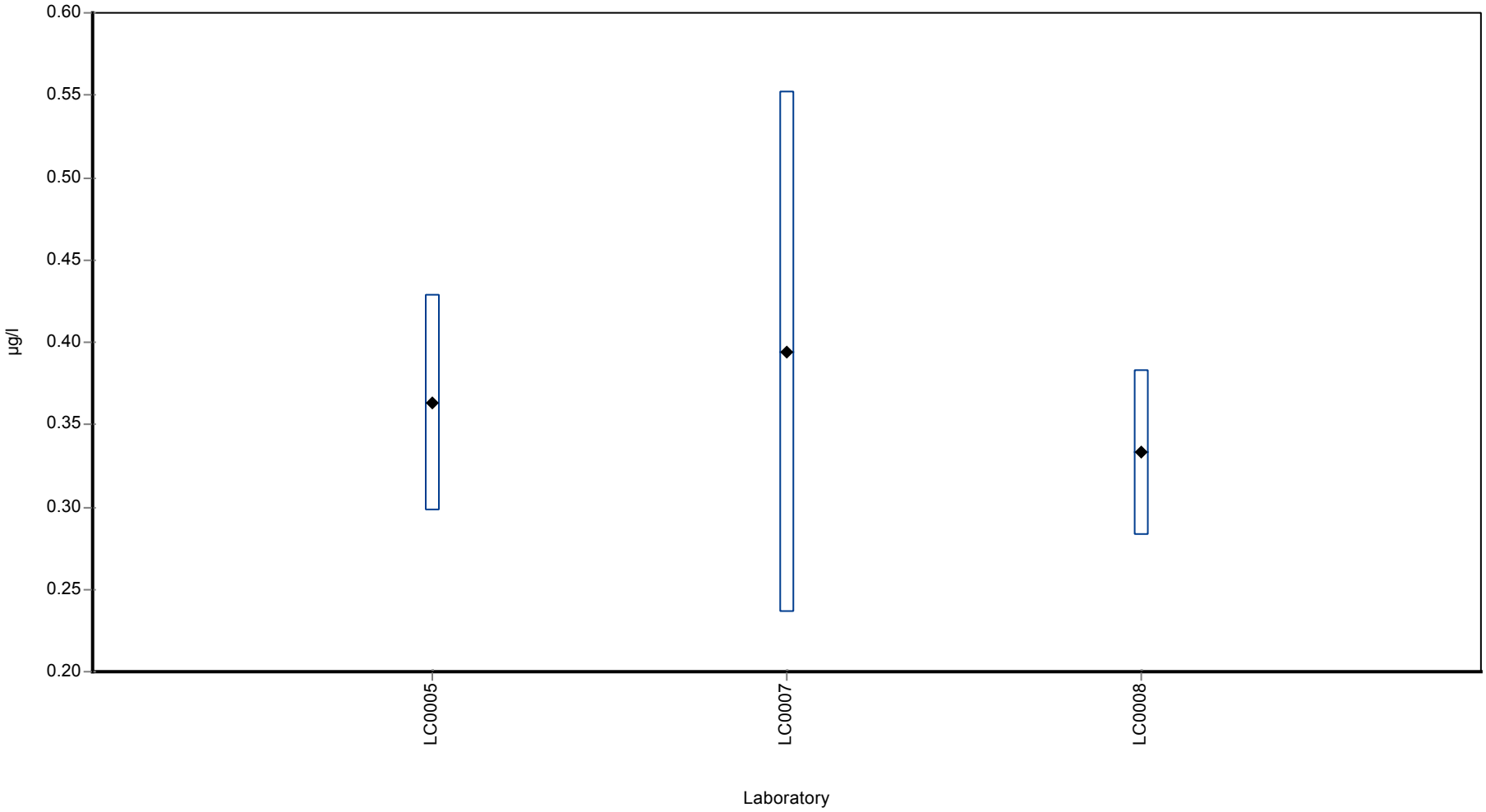
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.363	0.0654	-	-	
LC0006	-	-	-	-	
LC0007	0.394	0.158	-	-	
LC0008	0.333	0.05	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.363 ± 0.0528	-	µg/l
Minimum	0.333	0.333	µg/l
Maximum	0.394	0.394	µg/l
Standard deviation	0.0305	-	µg/l
rel. Standard deviation	8.39	-	%
n	3	3	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

s-Metolachlor Metabolite NOA 413173

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

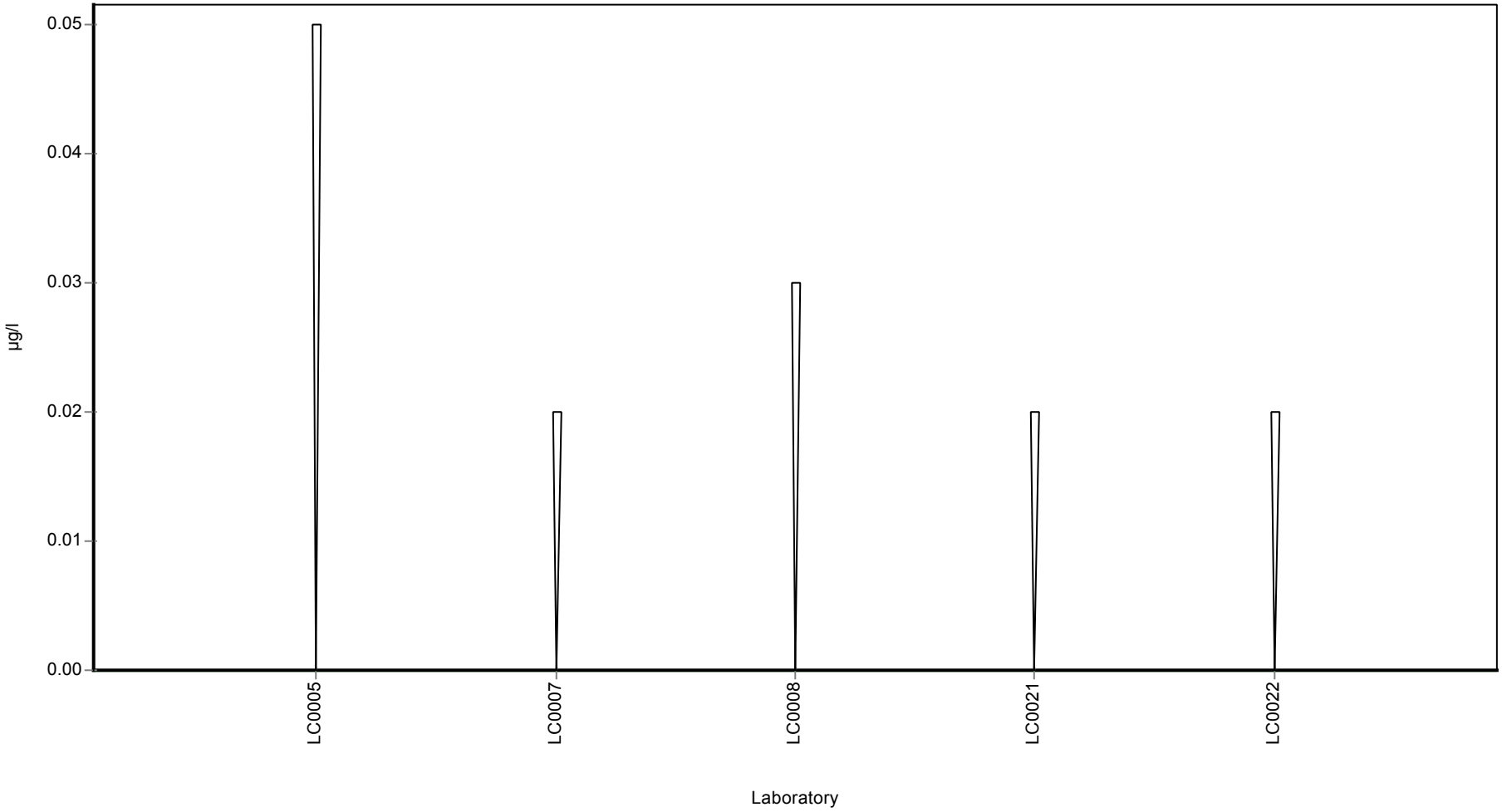
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.02 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

s-Metolachlor Metabolite NOA 413173

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.377 - 0.386
Control test value ± U	0.452 ± 0.0679

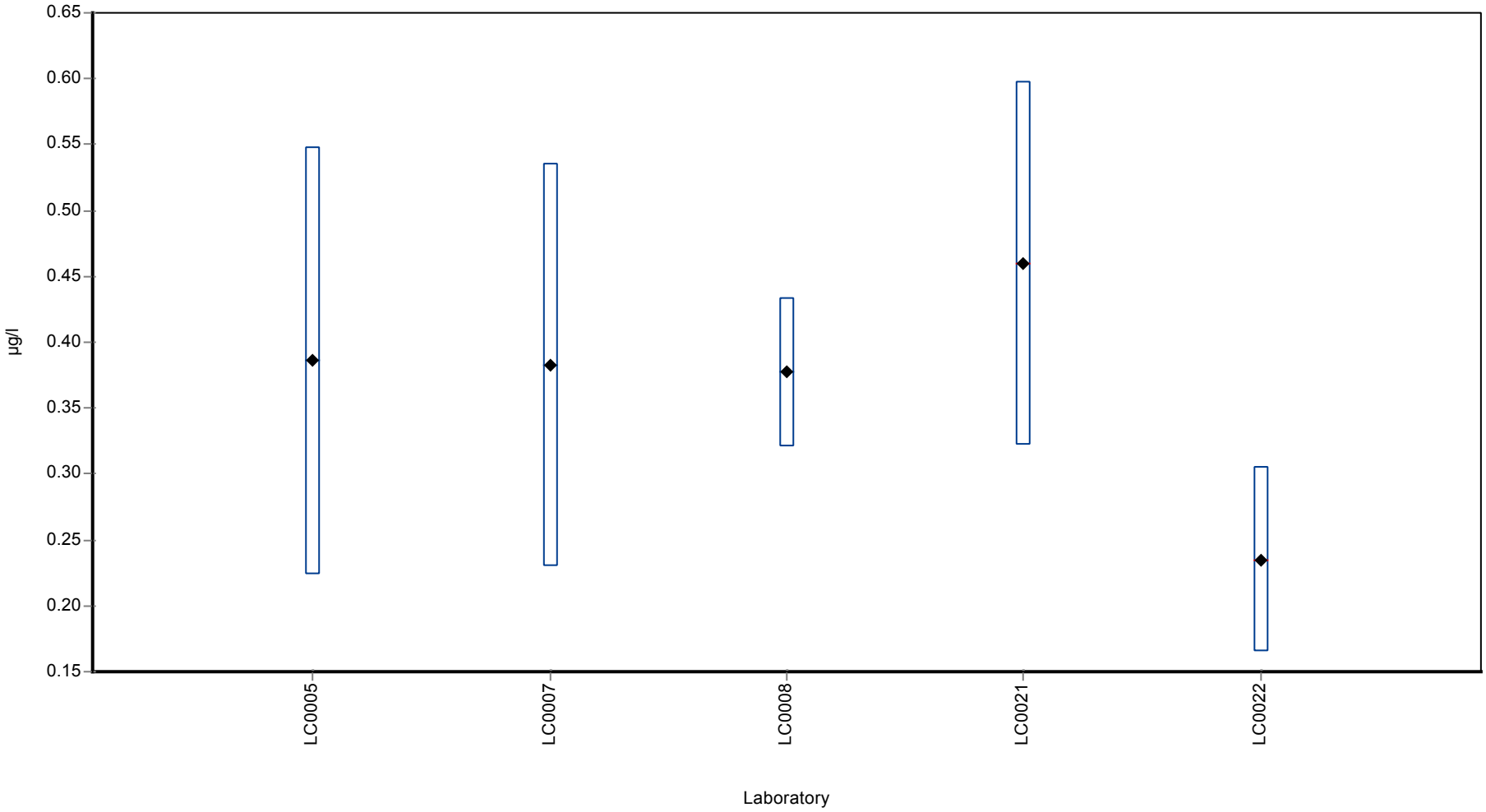
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.386	0.162	-	-	
LC0006	-	-	-	-	
LC0007	0.383	0.153	-	-	
LC0008	0.377	0.057	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.46	0.138	-	-	
LC0022	0.235	0.0705	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.368 ± 0.11	-	µg/l
Minimum	0.235	0.235	µg/l
Maximum	0.46	0.46	µg/l
Standard deviation	0.0818	-	µg/l
rel. Standard deviation	22.2	-	%
n	5	5	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Simazine

Unit	µg/l
Mean ± CI (99%)	0.123 ± 0.00681
Minimum - Maximum	0.105 - 0.145
Control test value ± U	0.115 ± 0.0173

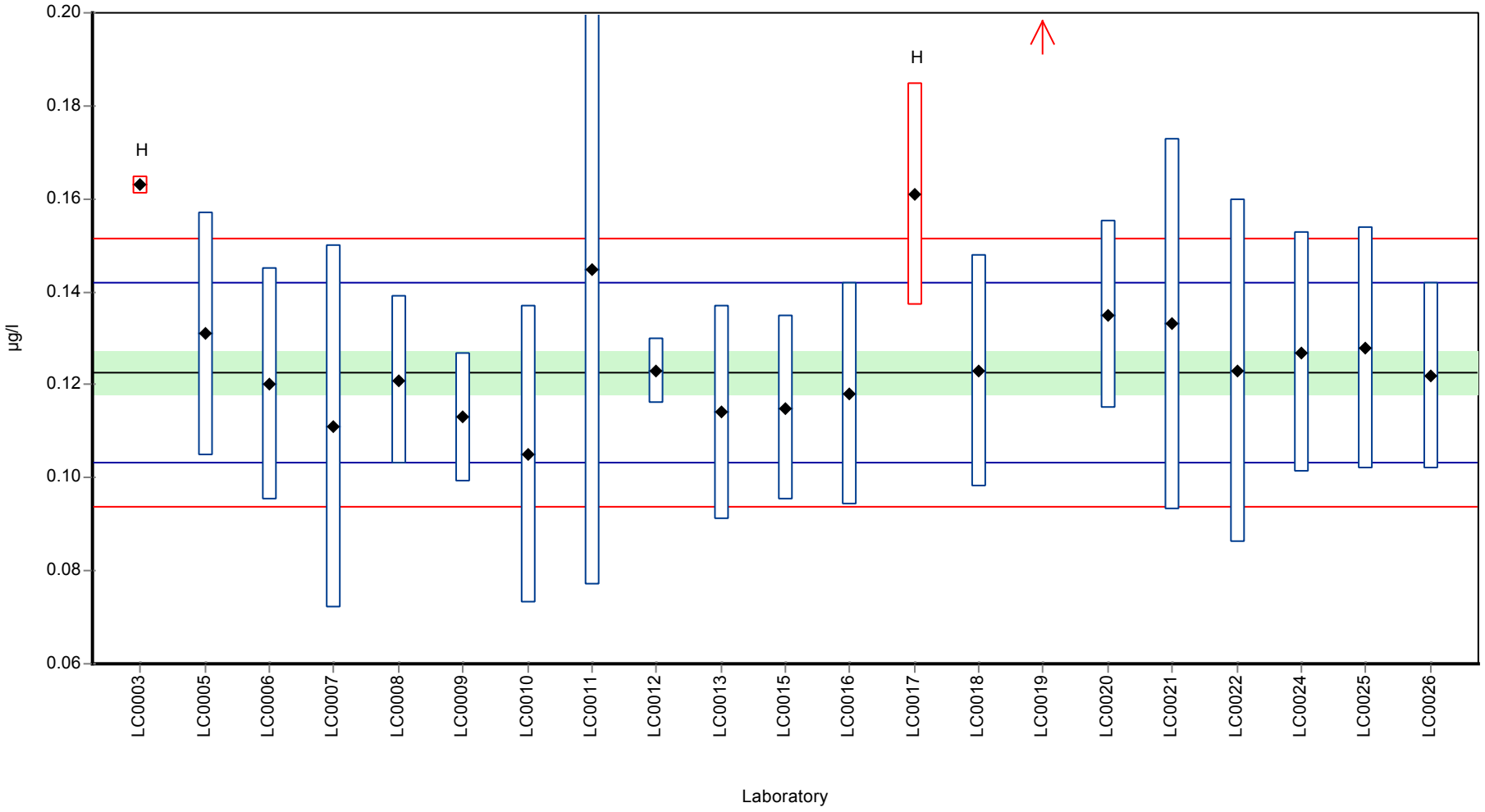
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.163	0.002	133	4.19	H
LC0004	-	-	-	-	
LC0005	0.131	0.0262	107	0.87	
LC0006	0.12	0.025	97.9	-0.27	
LC0007	0.111	0.039	90.5	-1.2	
LC0008	0.121	0.018	98.7	-0.17	
LC0009	0.113	0.014	92.2	-1	
LC0010	0.105	0.032	85.6	-1.83	
LC0011	0.1449	0.0681	118	2.31	
LC0012	0.123	0.007	100	0.04	
LC0013	0.114	0.023	93	-0.89	
LC0014	-	-	-	-	
LC0015	0.115	0.02	93.8	-0.79	
LC0016	0.118	0.024	96.2	-0.48	
LC0017	0.161	0.024	131	3.99	H
LC0018	0.123	0.025	100	0.04	
LC0019	0.22	0.055	179	10.1	H
LC0020	0.135	0.02025	110	1.29	
LC0021	0.133	0.0399	108	1.08	
LC0022	0.123	0.0369	100	0.04	
LC0023	-	-	-	-	
LC0024	0.127	0.026	104	0.46	
LC0025	0.128	0.026	104	0.56	
LC0026	0.122	0.02	99.5	-0.06	

Characteristics of parameter

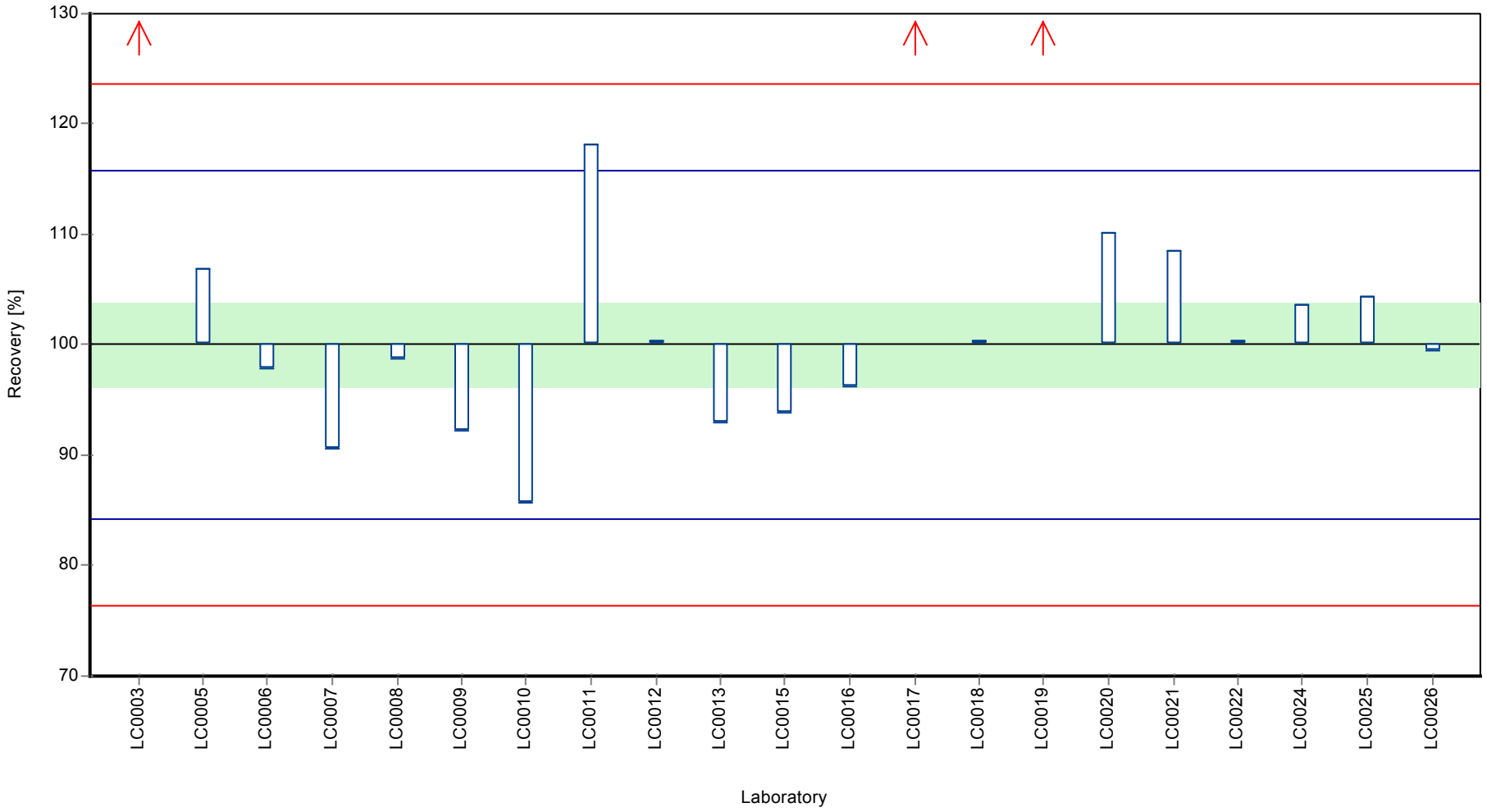
	all results	without outliers	Unit
Mean ± CI (99%)	0.131 ± 0.0165	0.123 ± 0.00681	µg/l
Minimum	0.105	0.105	µg/l
Maximum	0.22	0.145	µg/l
Standard deviation	0.0252	0.00963	µg/l
rel. Standard deviation	19.2	7.86	%
n	21	18	-

Graphical presentation of results

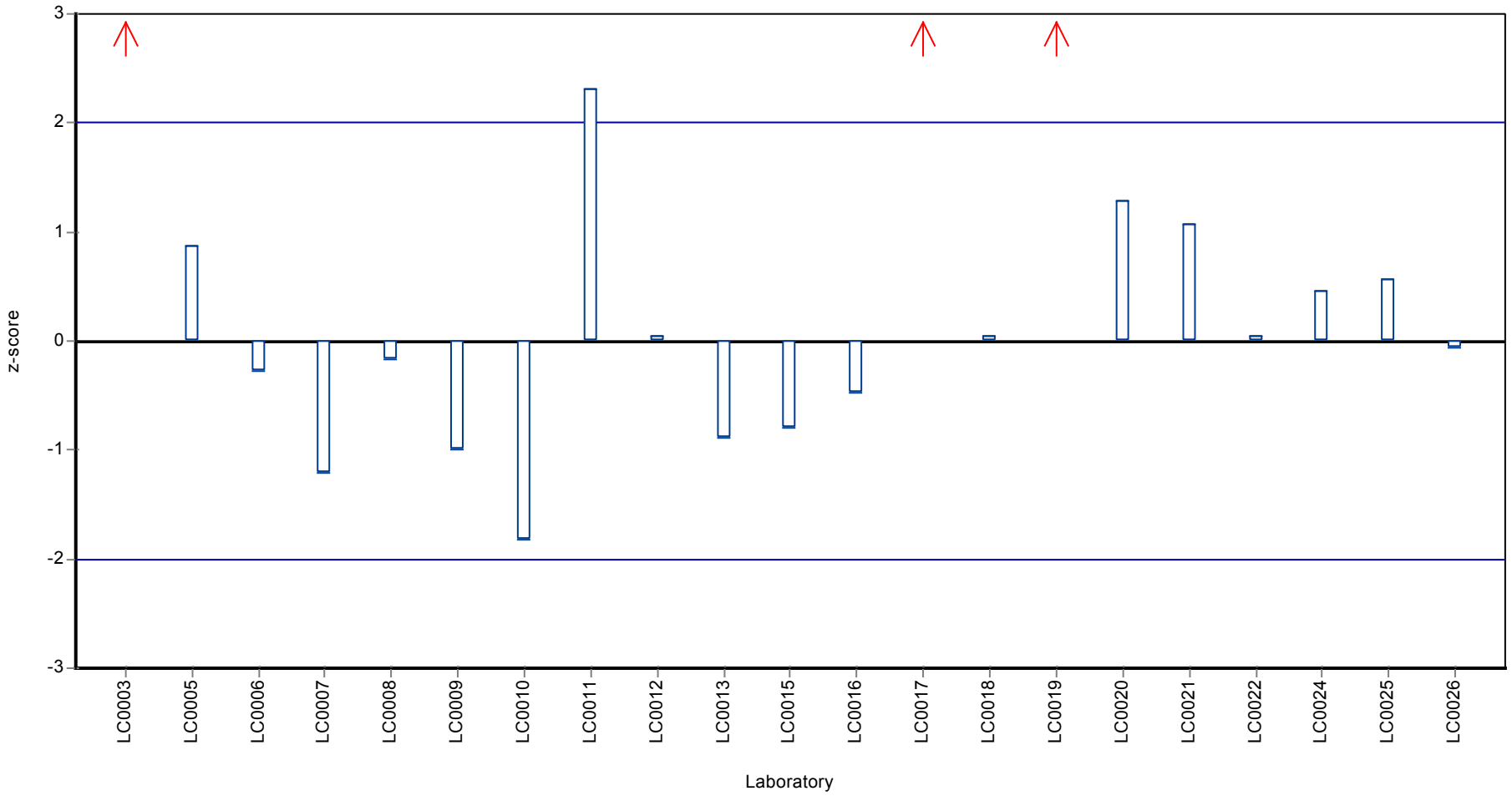
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0003
LC0005
LC0006
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0024
LC0025
LC0026
Laboratory

Parameter oriented report

PM02 B

Simazine

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

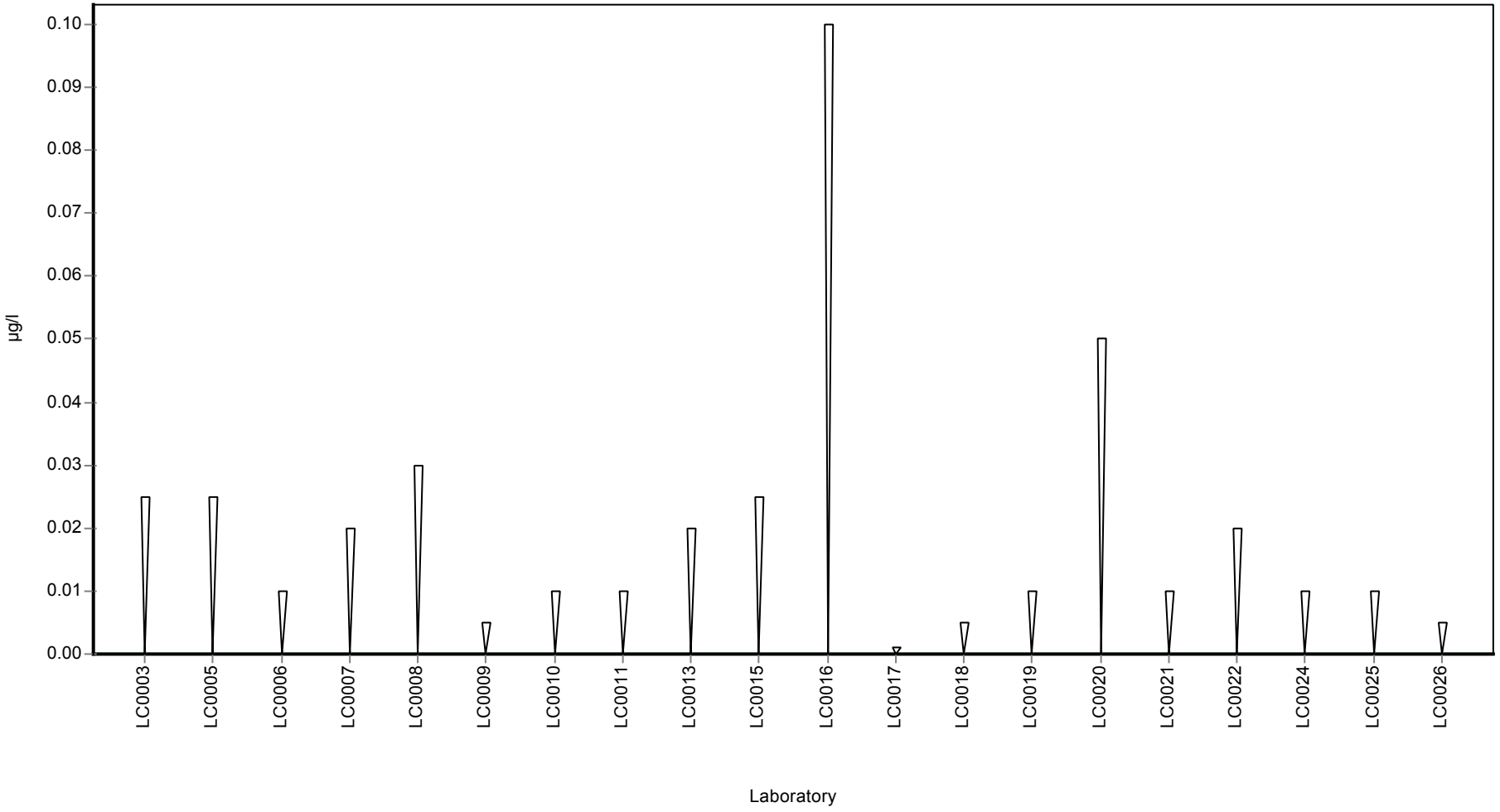
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.025 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	< 0.01 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.025 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.001 (LOD)	-	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	< 0.005 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Terbuthylazine

Unit	µg/l
Mean ± CI (99%)	0.254 ± 0.0165
Minimum - Maximum	0.205 - 0.292
Control test value ± U	0.274 ± 0.041

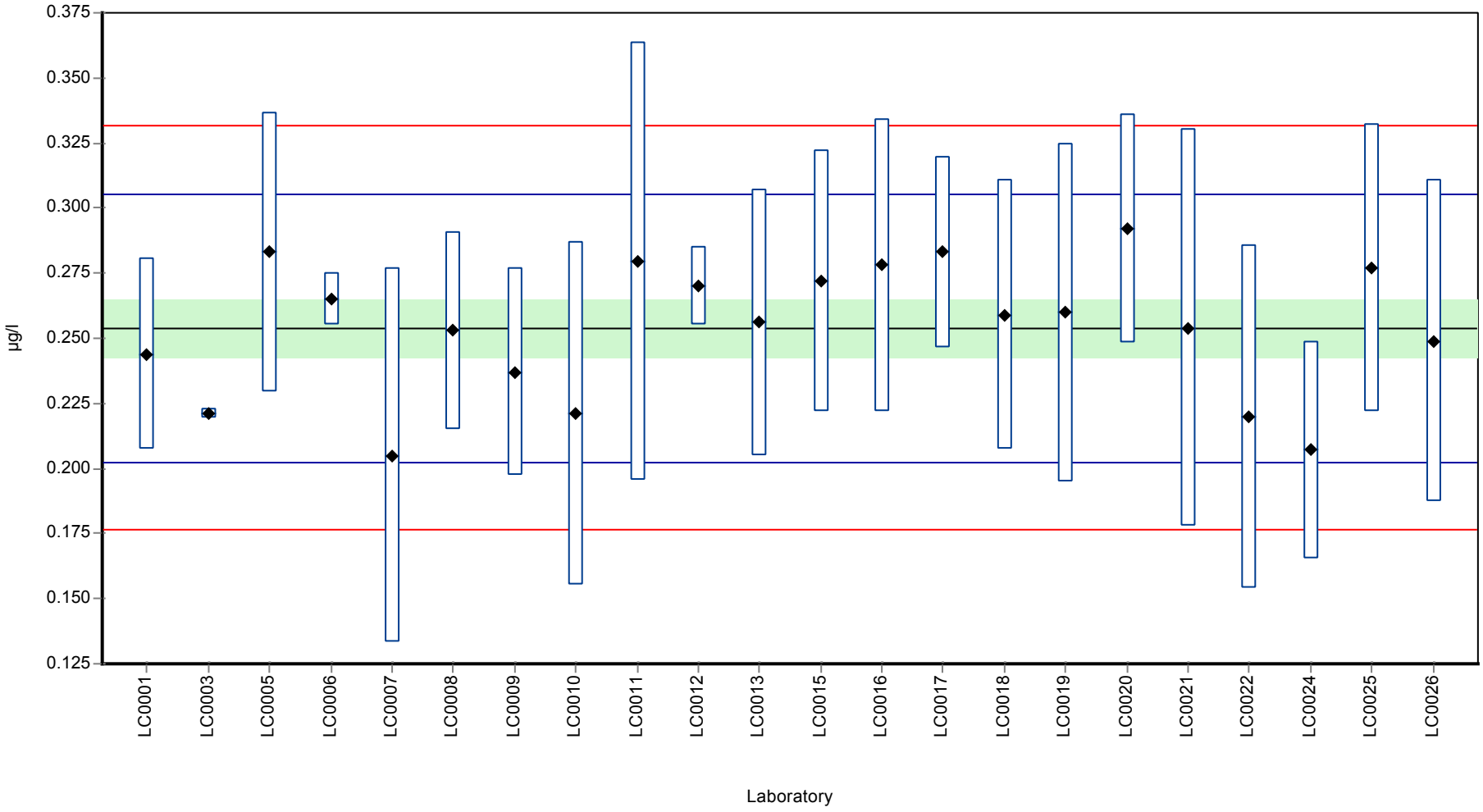
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.244	0.037	96.1	-0.38	
LC0002	-	-	-	-	
LC0003	0.221	0.002	87	-1.27	
LC0004	-	-	-	-	
LC0005	0.283	0.0537	111	1.13	
LC0006	0.265	0.01	104	0.43	
LC0007	0.205	0.072	80.7	-1.89	
LC0008	0.253	0.038	99.7	-0.03	
LC0009	0.237	0.04	93.3	-0.65	
LC0010	0.221	0.066	87	-1.27	
LC0011	0.2795	0.0839	110	0.99	
LC0012	0.27	0.015	106	0.62	
LC0013	0.256	0.051	101	0.08	
LC0014	-	-	-	-	
LC0015	0.272	0.05	107	0.7	
LC0016	0.278	0.056	109	0.93	
LC0017	0.283	0.037	111	1.13	
LC0018	0.259	0.052	102	0.2	
LC0019	0.26	0.065	102	0.24	
LC0020	0.292	0.0438	115	1.48	
LC0021	0.254	0.0762	100	0.00	
LC0022	0.22	0.066	86.7	-1.31	
LC0023	-	-	-	-	
LC0024	0.207	0.042	81.5	-1.82	
LC0025	0.277	0.055	109	0.9	
LC0026	0.249	0.062	98.1	-0.19	

Characteristics of parameter

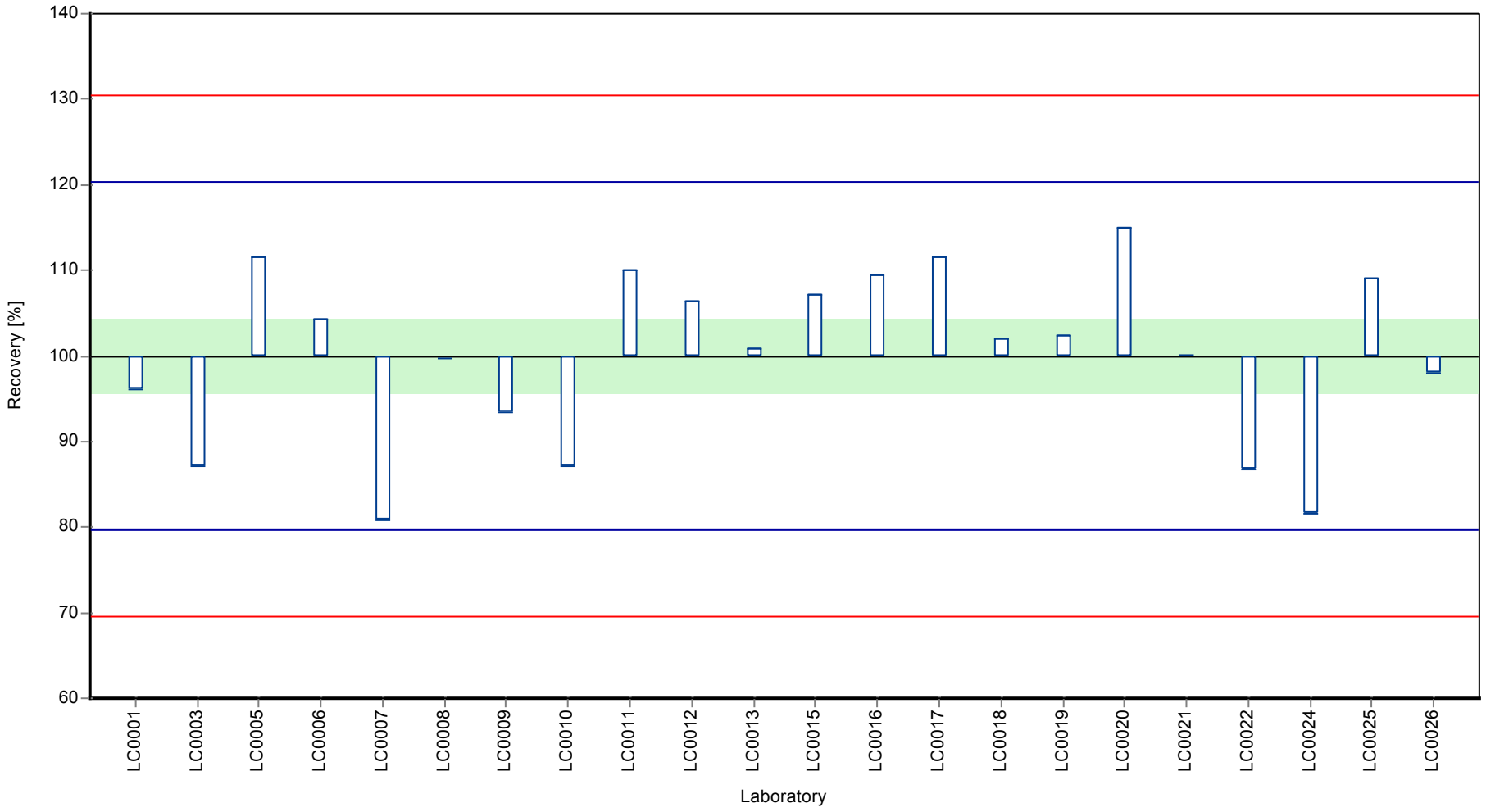
	all results	without outliers	Unit
Mean ± CI (99%)	0.254 ± 0.0165	0.254 ± 0.0165	µg/l
Minimum	0.205	0.205	µg/l
Maximum	0.292	0.292	µg/l
Standard deviation	0.0258	0.0258	µg/l
rel. Standard deviation	10.2	10.2	%
n	22	22	-

Graphical presentation of results

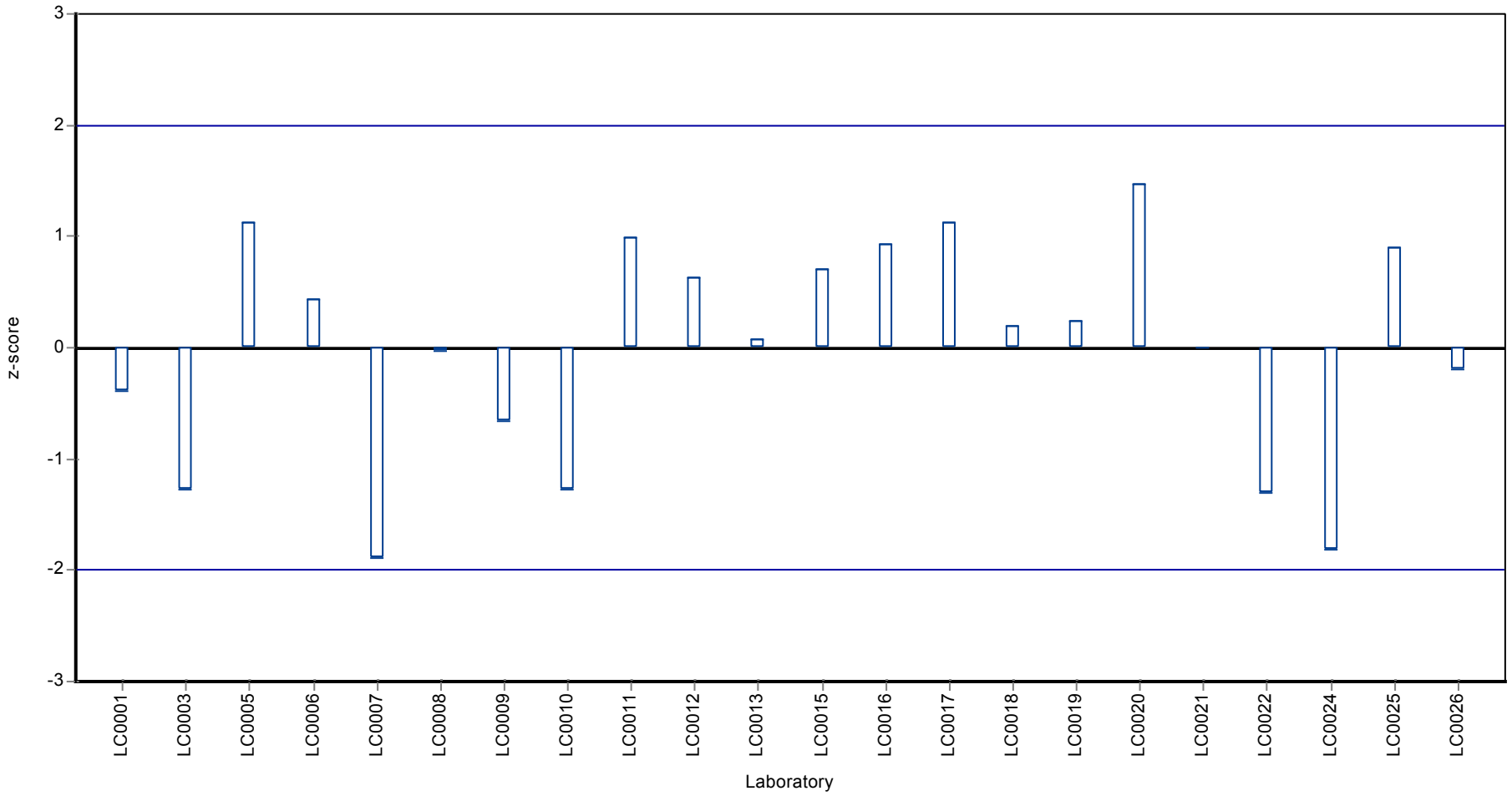
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0003
LC0005
LC0006
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0024
LC0025
LC0026
Laboratory

Parameter oriented report

PM02 B

Terbuthylazine

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

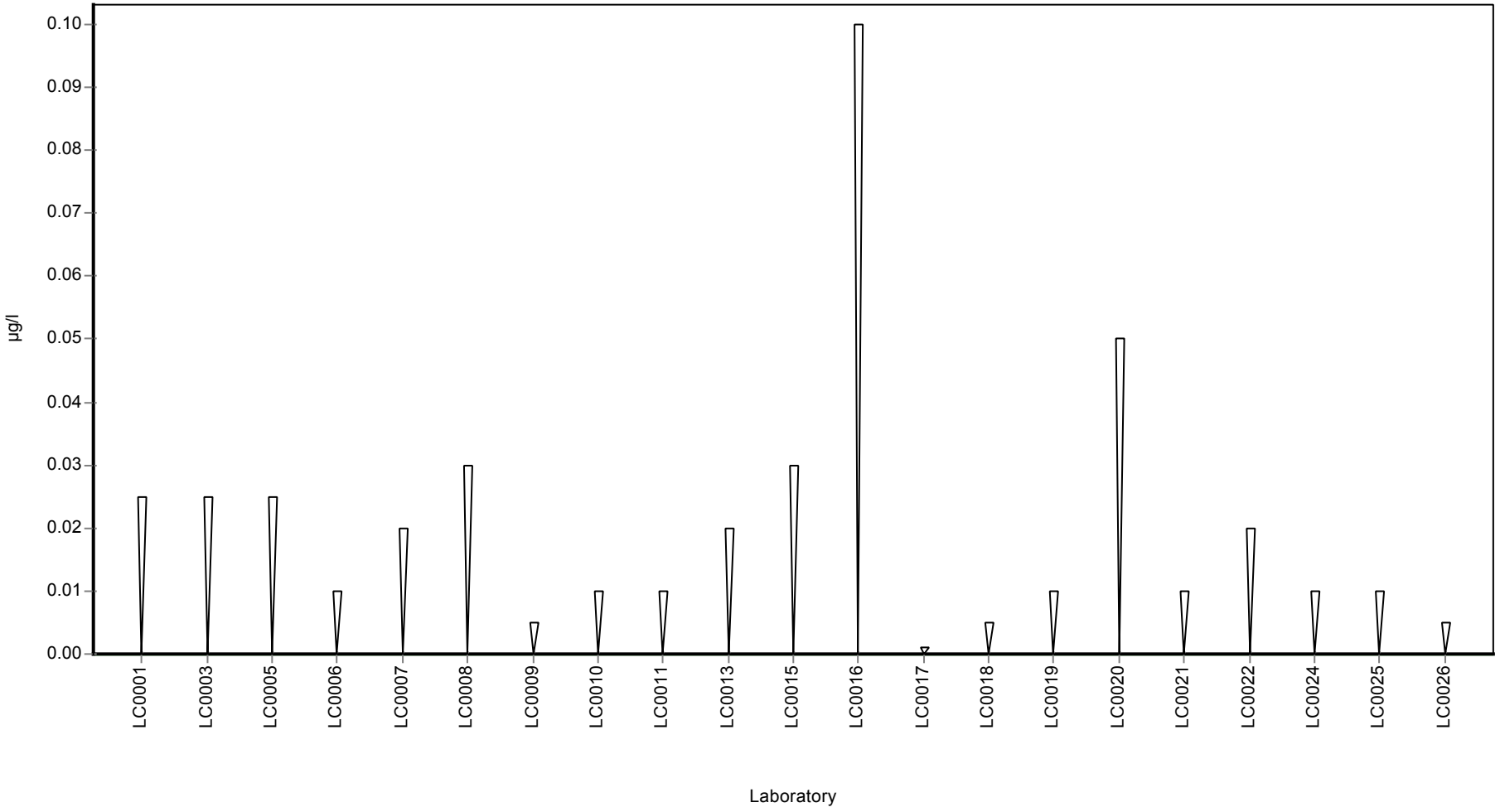
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.025 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.025 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	< 0.01 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.005 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.03 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.001 (LOD)	-	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	< 0.005 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Terbuthylazine-2-hydroxy

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

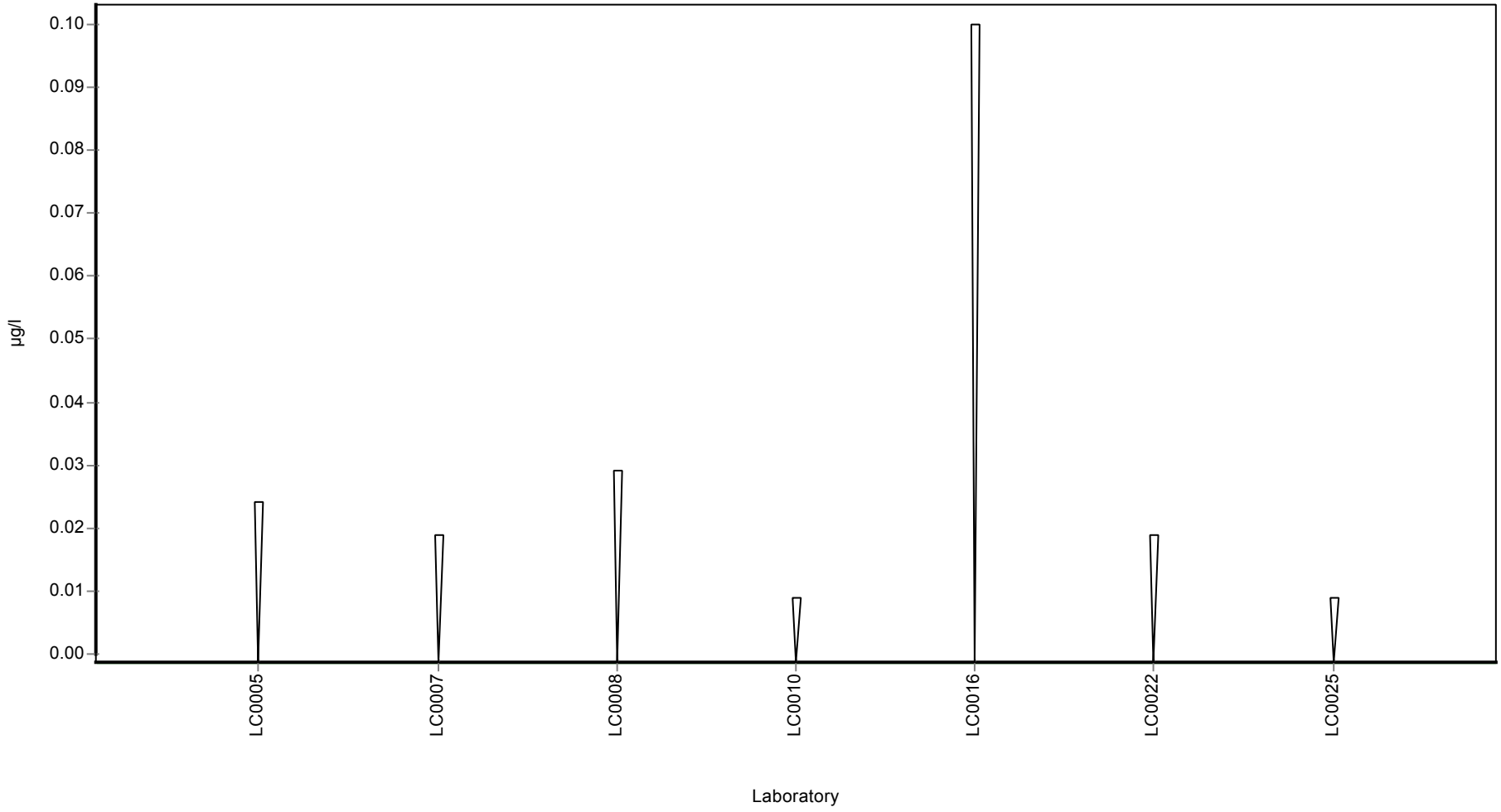
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Terbuthylazine-2-hydroxy

Unit	µg/l
Mean ± CI (99%)	0.204 ± 0.0276
Minimum - Maximum	0.158 - 0.229
Control test value ± U	0.188 ± 0.0282

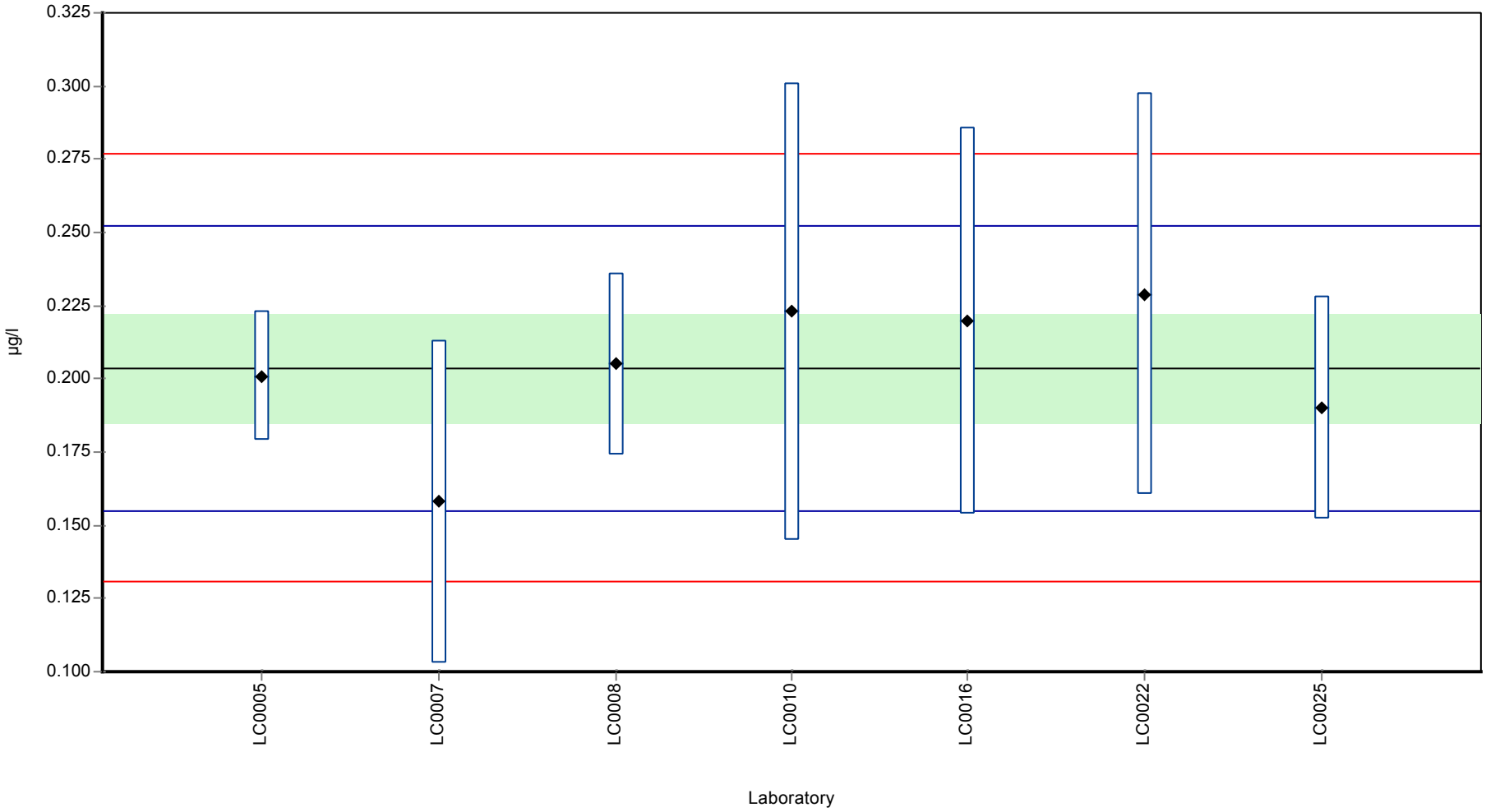
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.201	0.0221	98.7	-0.11	
LC0006	-	-	-	-	
LC0007	0.158	0.055	77.6	-1.88	
LC0008	0.205	0.031	101	0.05	
LC0009	-	-	-	-	
LC0010	0.223	0.078	109	0.79	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.22	0.066	108	0.67	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.229	0.0687	112	1.04	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.19	0.038	93.3	-0.56	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.204 ± 0.0276	0.204 ± 0.0276	µg/l
Minimum	0.158	0.158	µg/l
Maximum	0.229	0.229	µg/l
Standard deviation	0.0244	0.0244	µg/l
rel. Standard deviation	12	12	%
n	7	7	-

Graphical presentation of results

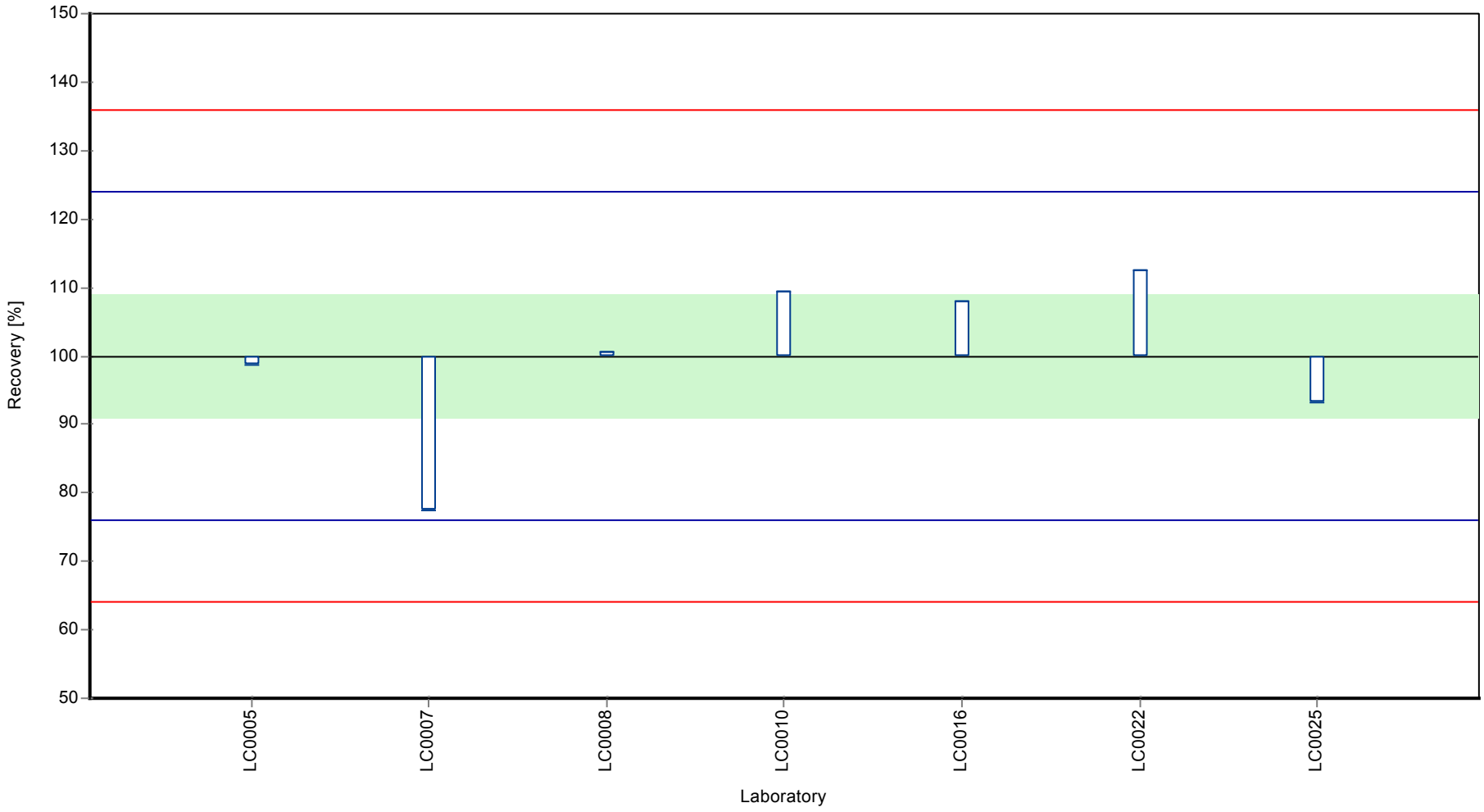
Results



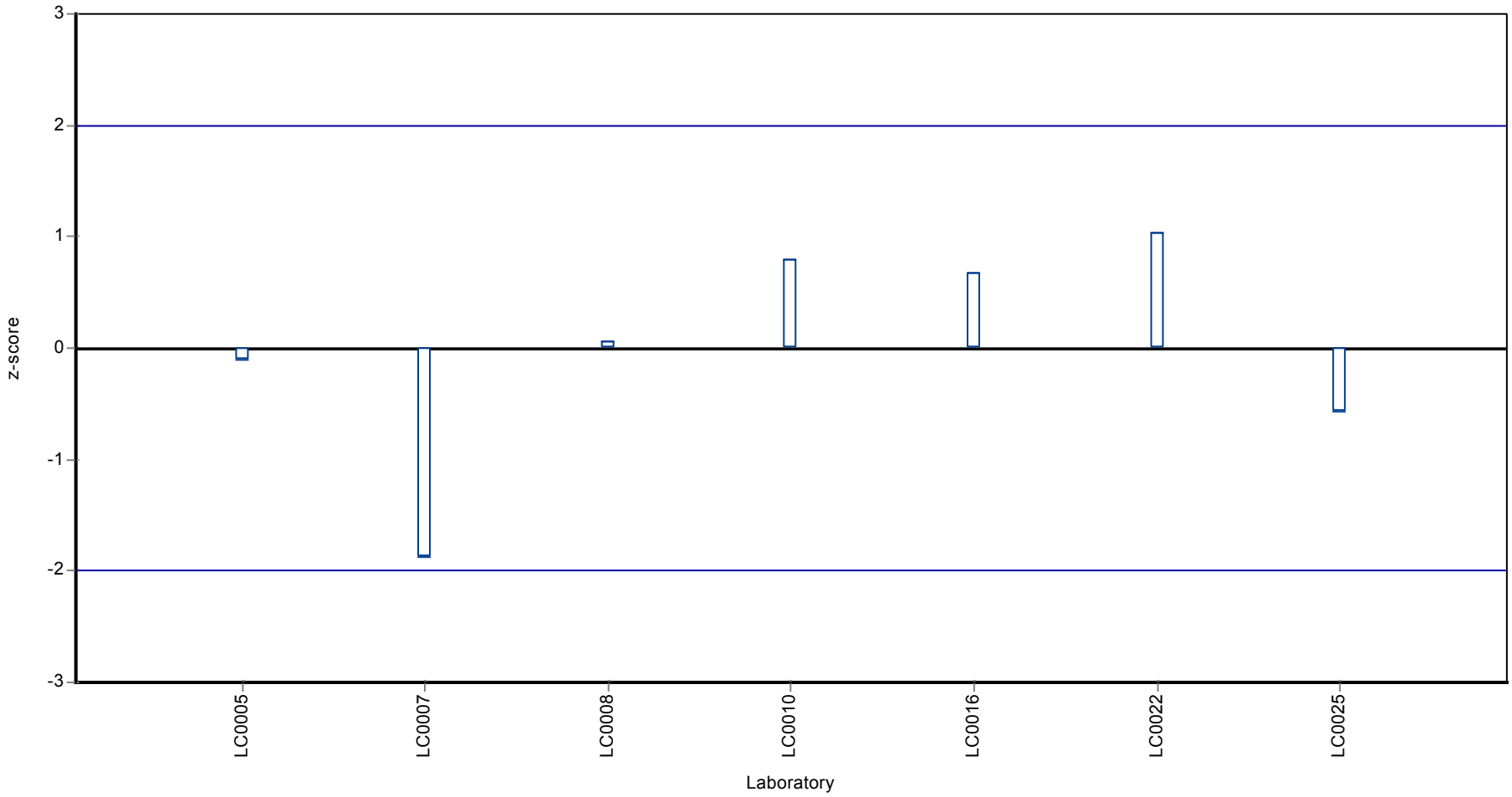
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Terbuthylazine-2-hydroxy

Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0010
LC0016
LC0022
LC0025
Laboratory

Parameter oriented report

PM02 A

Terbuthylazine-desethyl-2-hydroxy

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

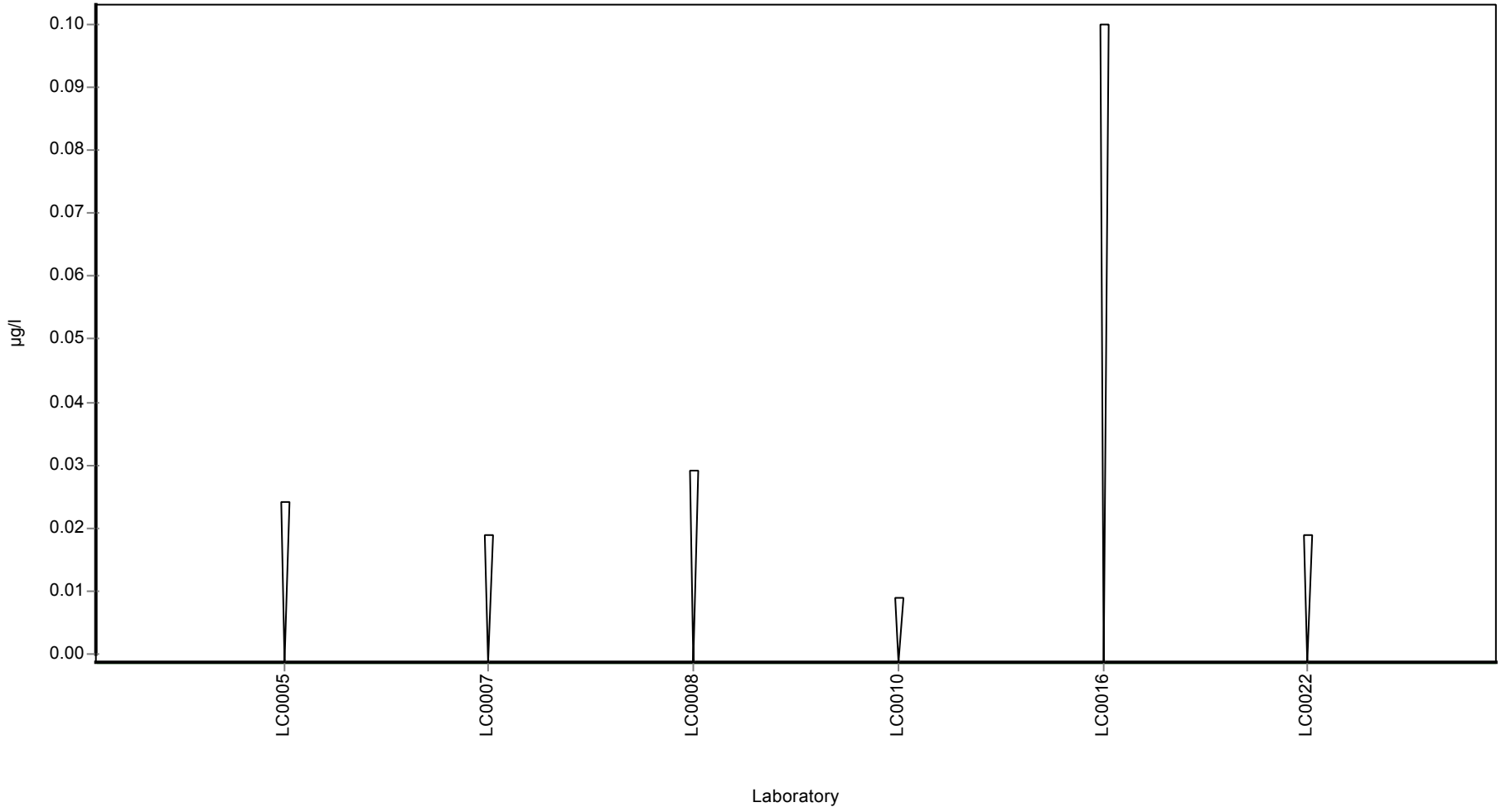
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Terbuthylazine-desethyl-2-hydroxy

Unit	µg/l
Mean ± CI (99%)	0.122 ± 0.0256
Minimum - Maximum	0.103 - 0.157
Control test value ± U	0.127 ± 0.0191

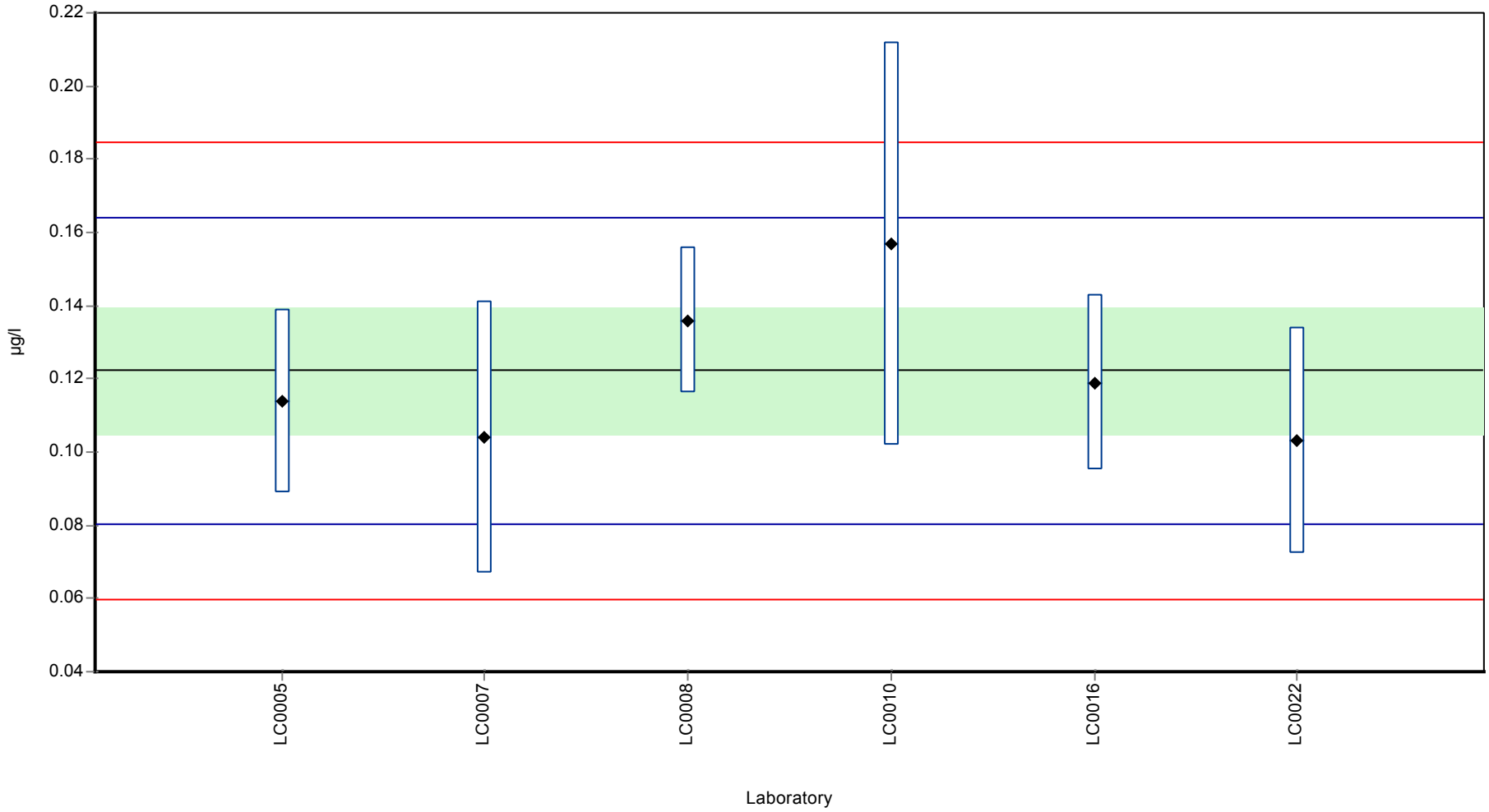
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.114	0.025	93.3	-0.39	
LC0006	-	-	-	-	
LC0007	0.104	0.037	85.1	-0.87	
LC0008	0.136	0.02	111	0.66	
LC0009	-	-	-	-	
LC0010	0.157	0.055	129	1.67	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.119	0.024	97.4	-0.15	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.103	0.0309	84.3	-0.92	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

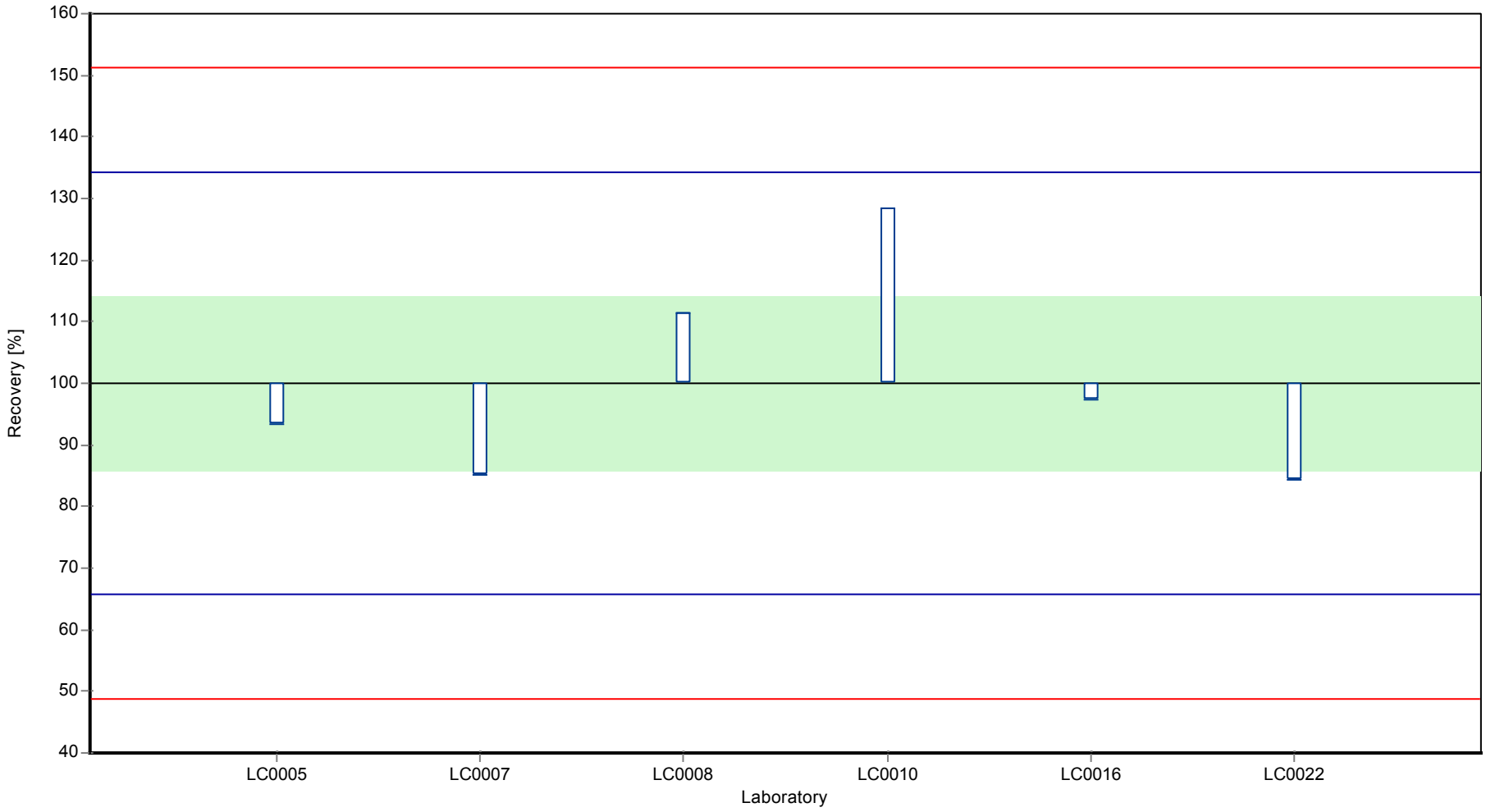
	all results	without outliers	Unit
Mean ± CI (99%)	0.122 ± 0.0256	0.122 ± 0.0256	µg/l
Minimum	0.103	0.103	µg/l
Maximum	0.157	0.157	µg/l
Standard deviation	0.0209	0.0209	µg/l
rel. Standard deviation	17.1	17.1	%
n	6	6	-

Graphical presentation of results

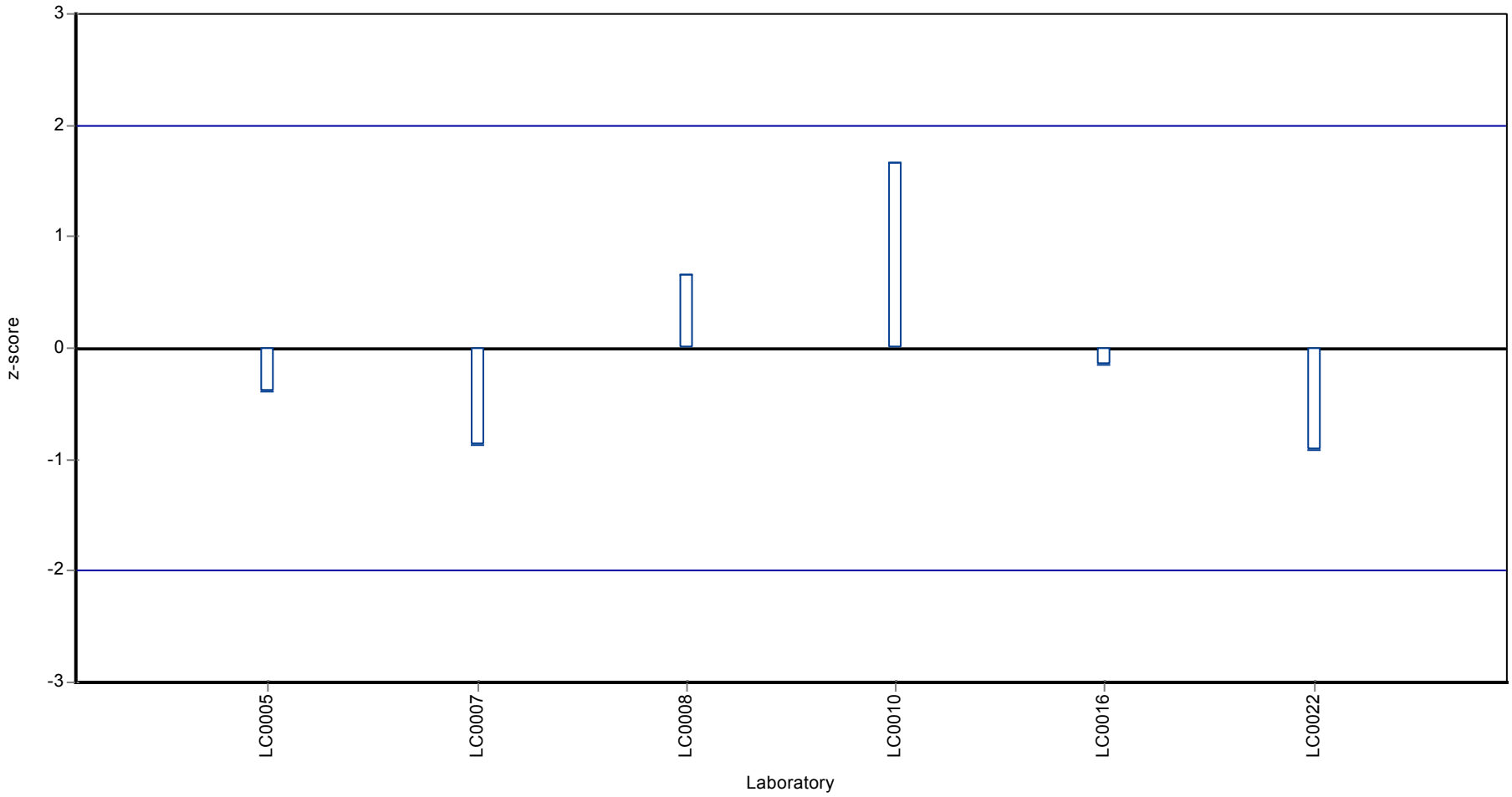
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0010
LC0016
LC0022
Laboratory

Parameter oriented report

PM02 A

Terbuthylazine-desethyl

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.001 - 0.616
Control test value ± U	<0.025 (LOD)

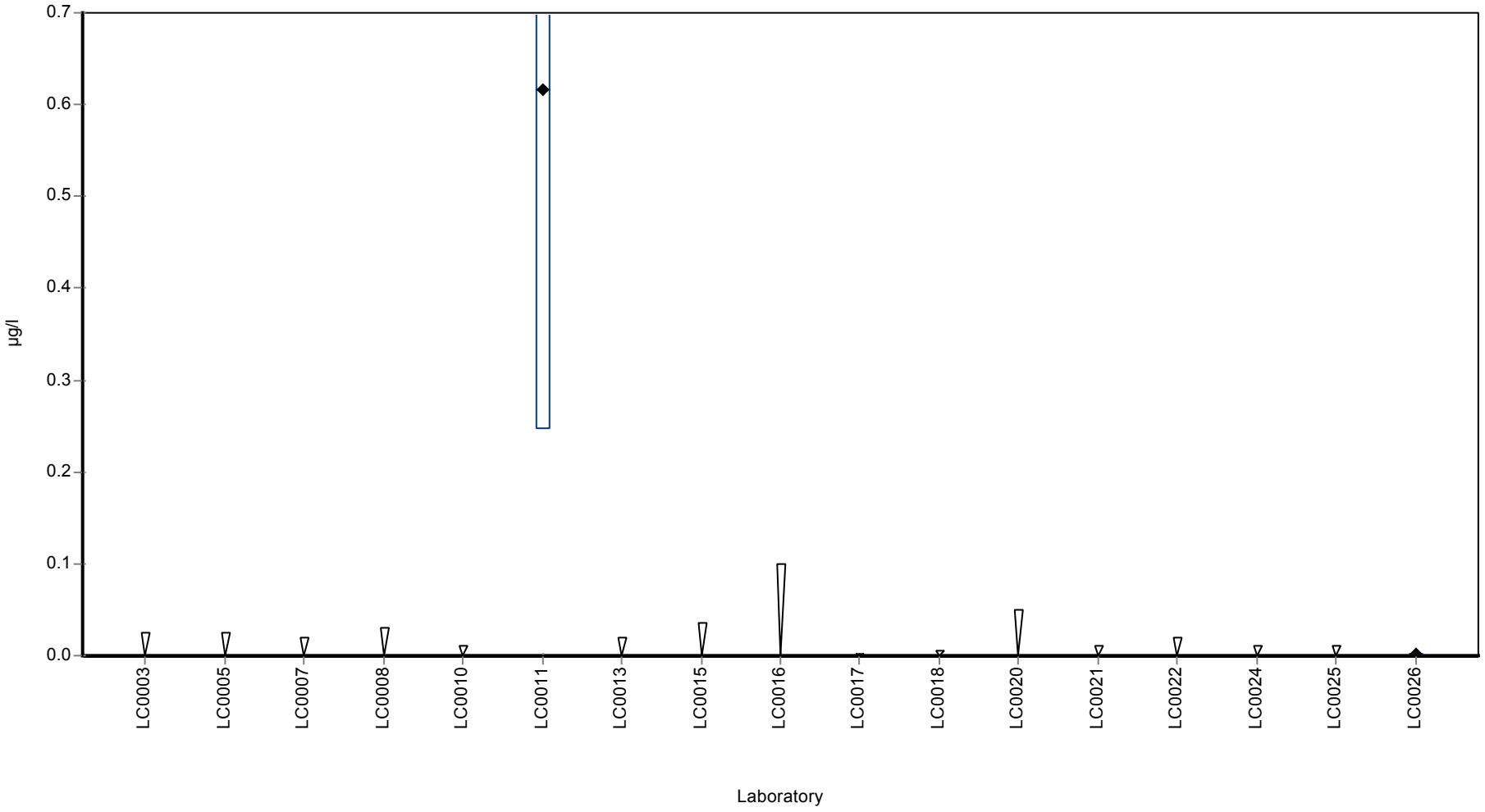
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.025 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	0.616	0.37	-	-	FP
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.035 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.001 (LOD)	-	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	0.001	0.0001	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.308 ± 0.923	-	µg/l
Minimum	0.001	0.001	µg/l
Maximum	0.616	0.616	µg/l
Standard deviation	0.435	-	µg/l
rel. Standard deviation	141	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Terbuthylazine-desethyl

Unit	µg/l
Mean ± CI (99%)	0.504 ± 0.0313
Minimum - Maximum	0.446 - 0.586
Control test value ± U	0.528 ± 0.0792

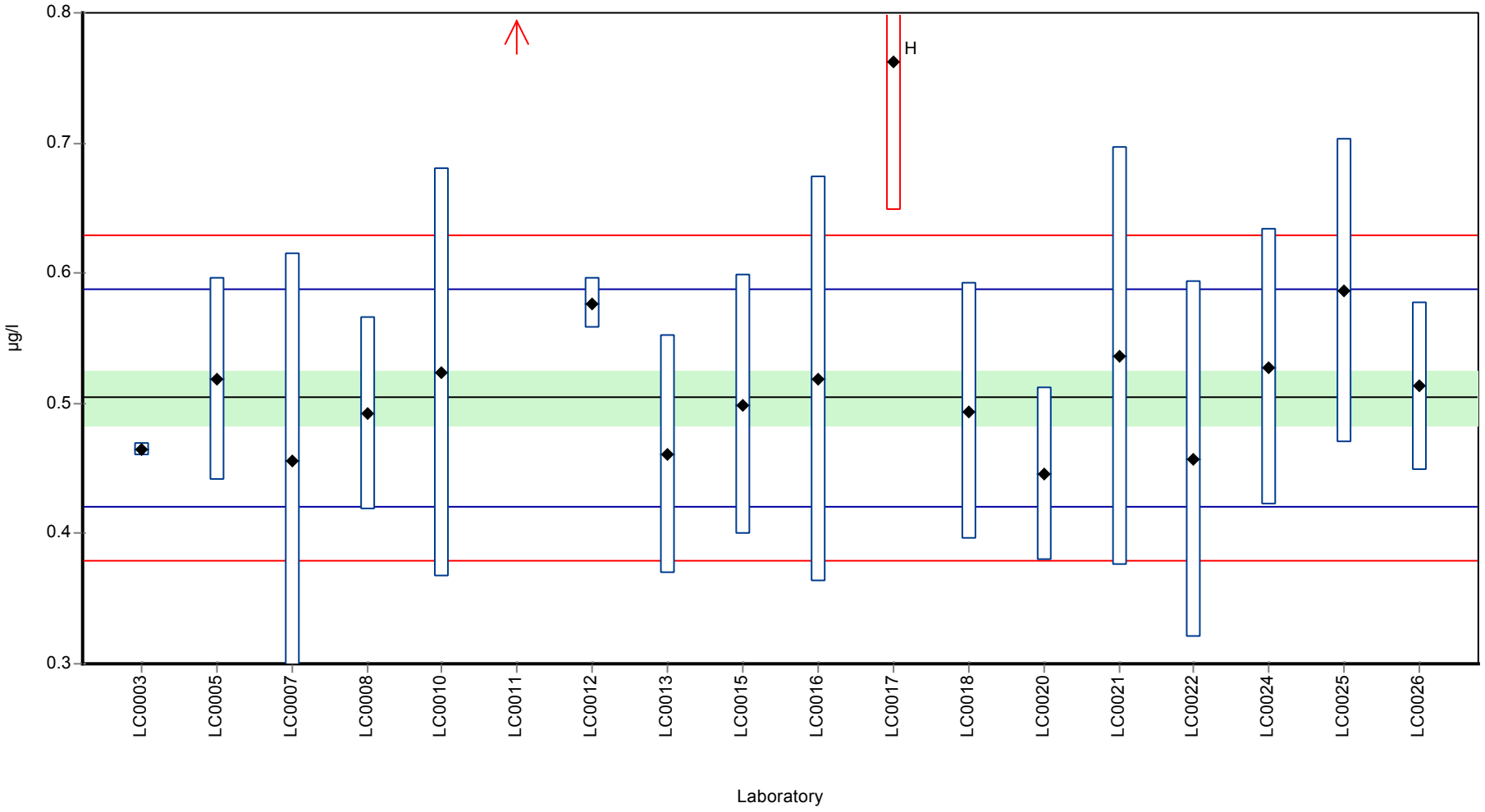
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.465	0.005	92.2	-0.95	
LC0004	-	-	-	-	
LC0005	0.519	0.0778	103	0.35	
LC0006	-	-	-	-	
LC0007	0.456	0.159	90.4	-1.16	
LC0008	0.492	0.074	97.5	-0.3	
LC0009	-	-	-	-	
LC0010	0.524	0.157	104	0.47	
LC0011	1.559	0.935	309	25.3	H
LC0012	0.577	0.019	114	1.74	
LC0013	0.461	0.092	91.4	-1.04	
LC0014	-	-	-	-	
LC0015	0.499	0.1	98.9	-0.13	
LC0016	0.519	0.156	103	0.35	
LC0017	0.762	0.114	151	6.17	H
LC0018	0.494	0.099	97.9	-0.25	
LC0019	-	-	-	-	
LC0020	0.446	0.0669	88.4	-1.4	
LC0021	0.536	0.1608	106	0.76	
LC0022	0.457	0.1371	90.6	-1.14	
LC0023	-	-	-	-	
LC0024	0.528	0.106	105	0.56	
LC0025	0.586	0.117	116	1.95	
LC0026	0.513	0.065	102	0.2	

Characteristics of parameter

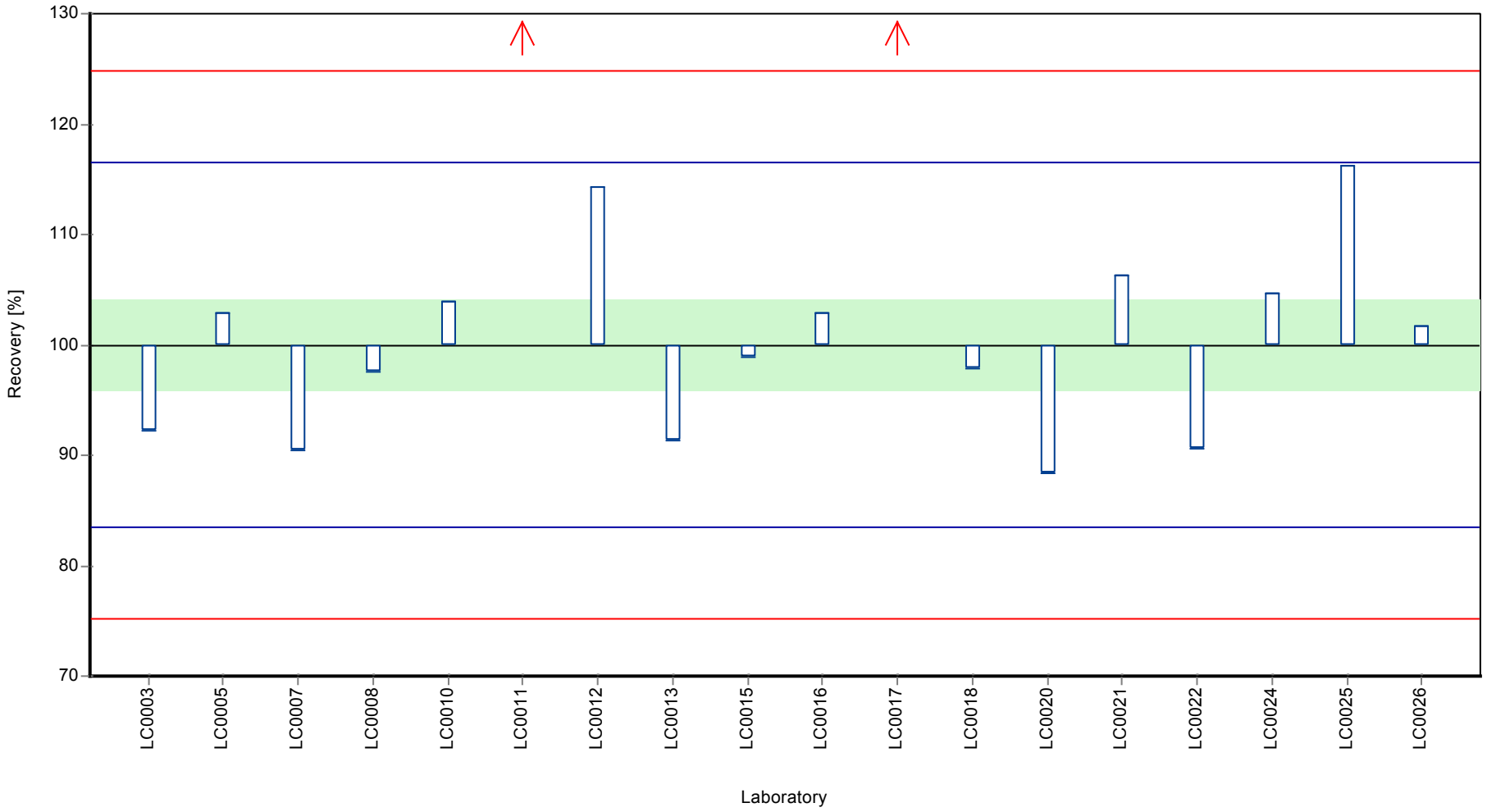
	all results	without outliers	Unit
Mean ± CI (99%)	0.577 ± 0.181	0.504 ± 0.0313	µg/l
Minimum	0.446	0.446	µg/l
Maximum	1.56	0.586	µg/l
Standard deviation	0.255	0.0417	µg/l
rel. Standard deviation	44.2	8.27	%
n	18	16	-

Graphical presentation of results

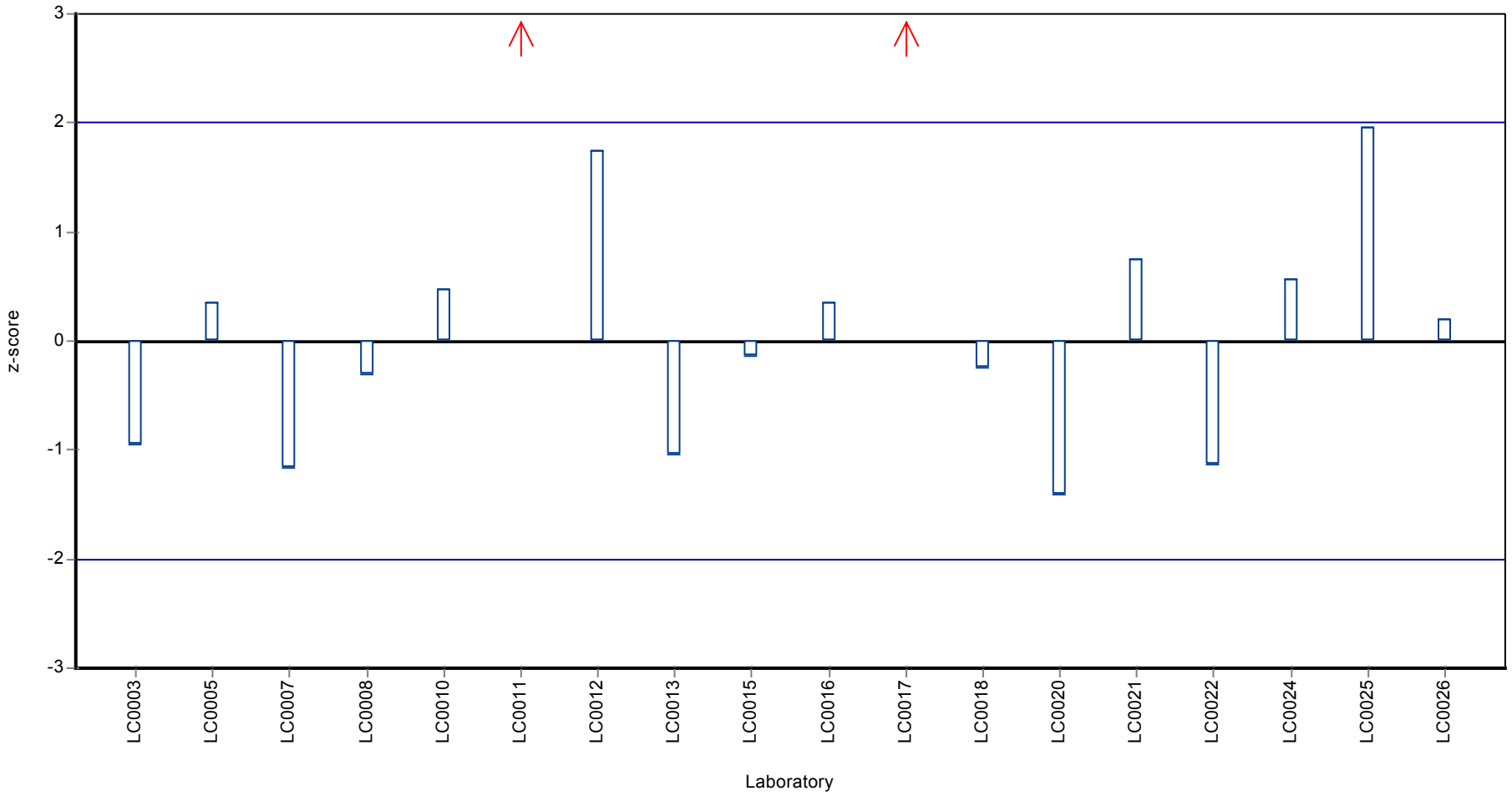
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0003
LC0005
LC0007
LC0008
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0020
LC0021
LC0022
LC0024
LC0025
LC0026
Laboratory

Parameter oriented report

PM02 A

Thiacloprid

Unit	µg/l
Mean ± CI (99%)	0.295 ± 0.0181
Minimum - Maximum	0.273 - 0.334
Control test value ± U	0.324 ± 0.0486

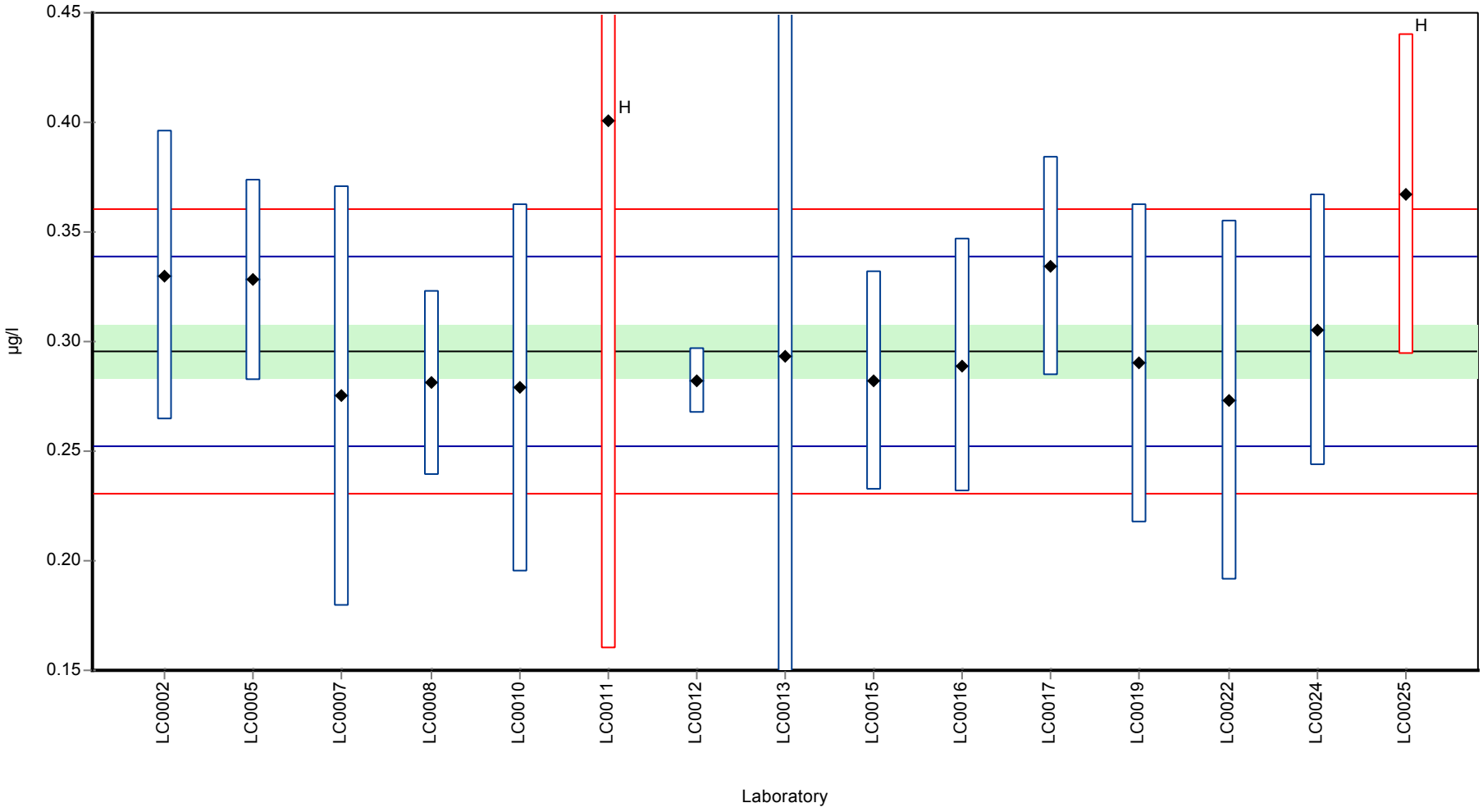
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.33	0.066	112	1.59	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.328	0.046	111	1.5	
LC0006	-	-	-	-	
LC0007	0.275	0.096	93.1	-0.94	
LC0008	0.281	0.042	95.1	-0.67	
LC0009	-	-	-	-	
LC0010	0.279	0.084	94.4	-0.76	
LC0011	0.401	0.241	136	4.85	H
LC0012	0.282	0.015	95.4	-0.62	
LC0013	0.293	0.586	99.2	-0.11	
LC0014	-	-	-	-	
LC0015	0.282	0.05	95.4	-0.62	
LC0016	0.289	0.058	97.8	-0.3	
LC0017	0.334	0.05	113	1.77	
LC0018	-	-	-	-	
LC0019	0.29	0.0725	98.2	-0.25	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.273	0.0819	92.4	-1.03	
LC0023	-	-	-	-	
LC0024	0.305	0.062	103	0.44	
LC0025	0.367	0.073	124	3.29	H
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.307 ± 0.0292	0.295 ± 0.0181	µg/l
Minimum	0.273	0.273	µg/l
Maximum	0.401	0.334	µg/l
Standard deviation	0.0376	0.0217	µg/l
rel. Standard deviation	12.3	7.36	%
n	15	13	-

Graphical presentation of results

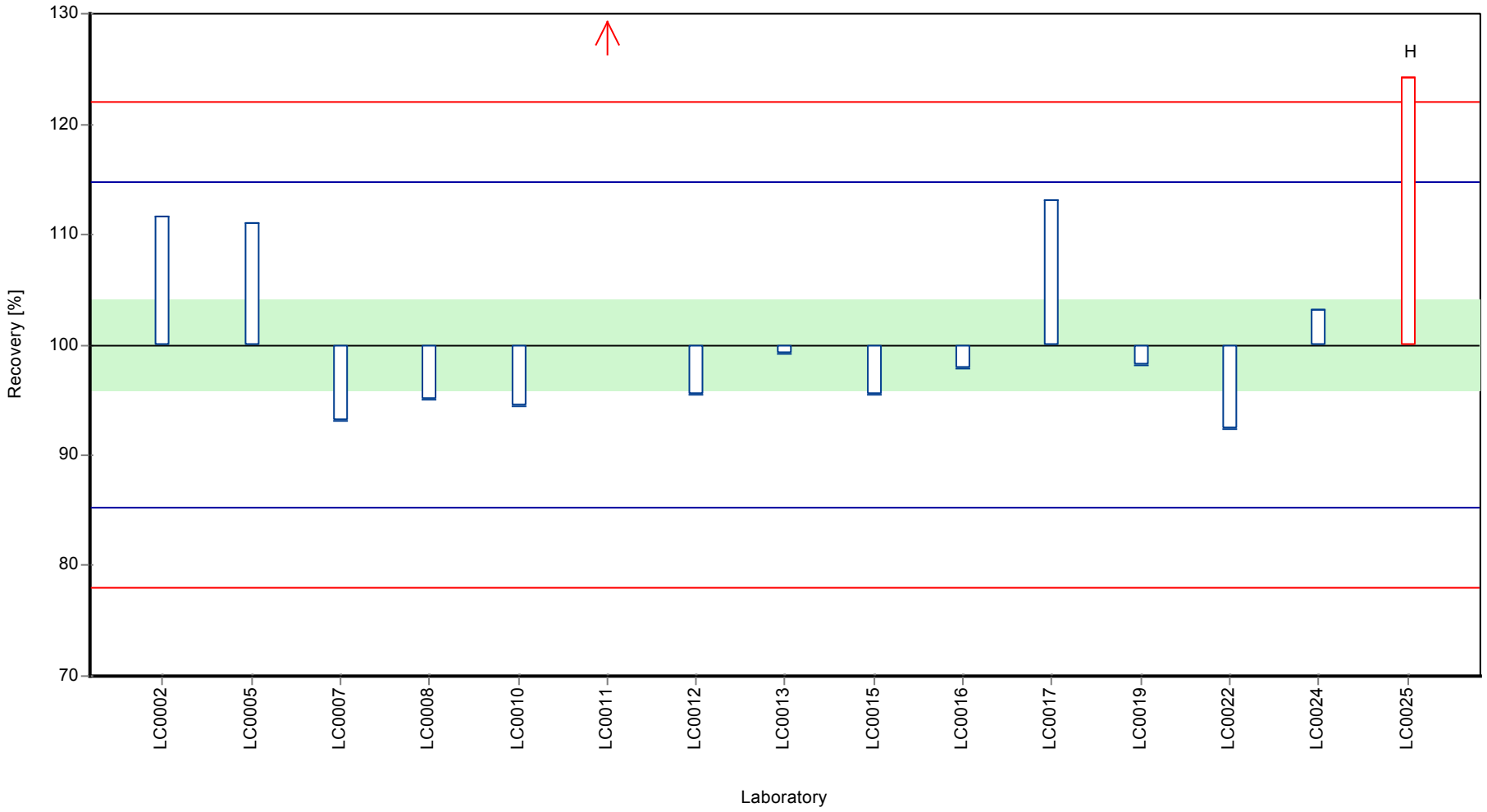
Results



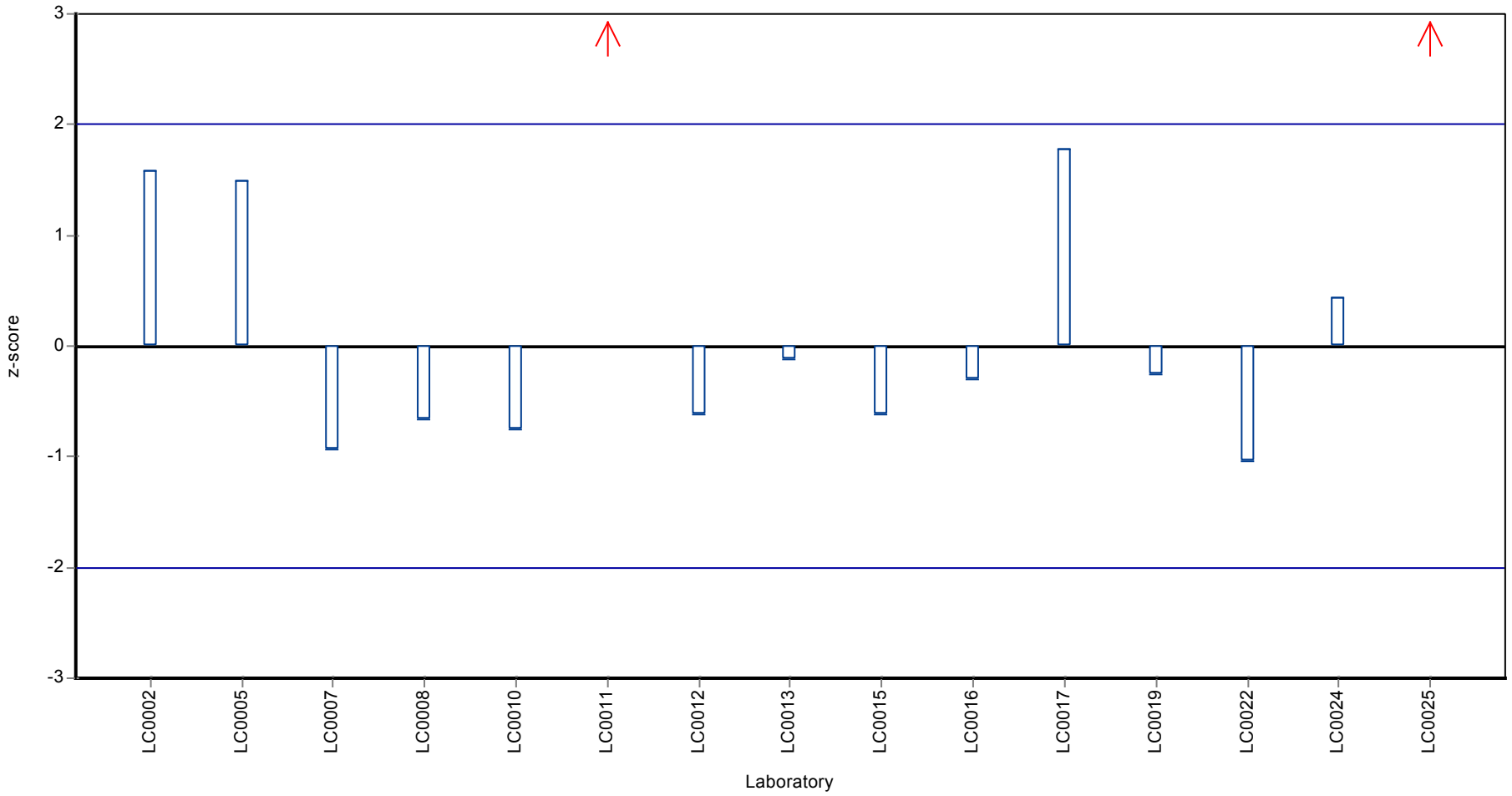
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Thiacloprid

Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0002
LC0005
LC0007
LC0008
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0019
LC0022
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 B

Thiacloprid

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

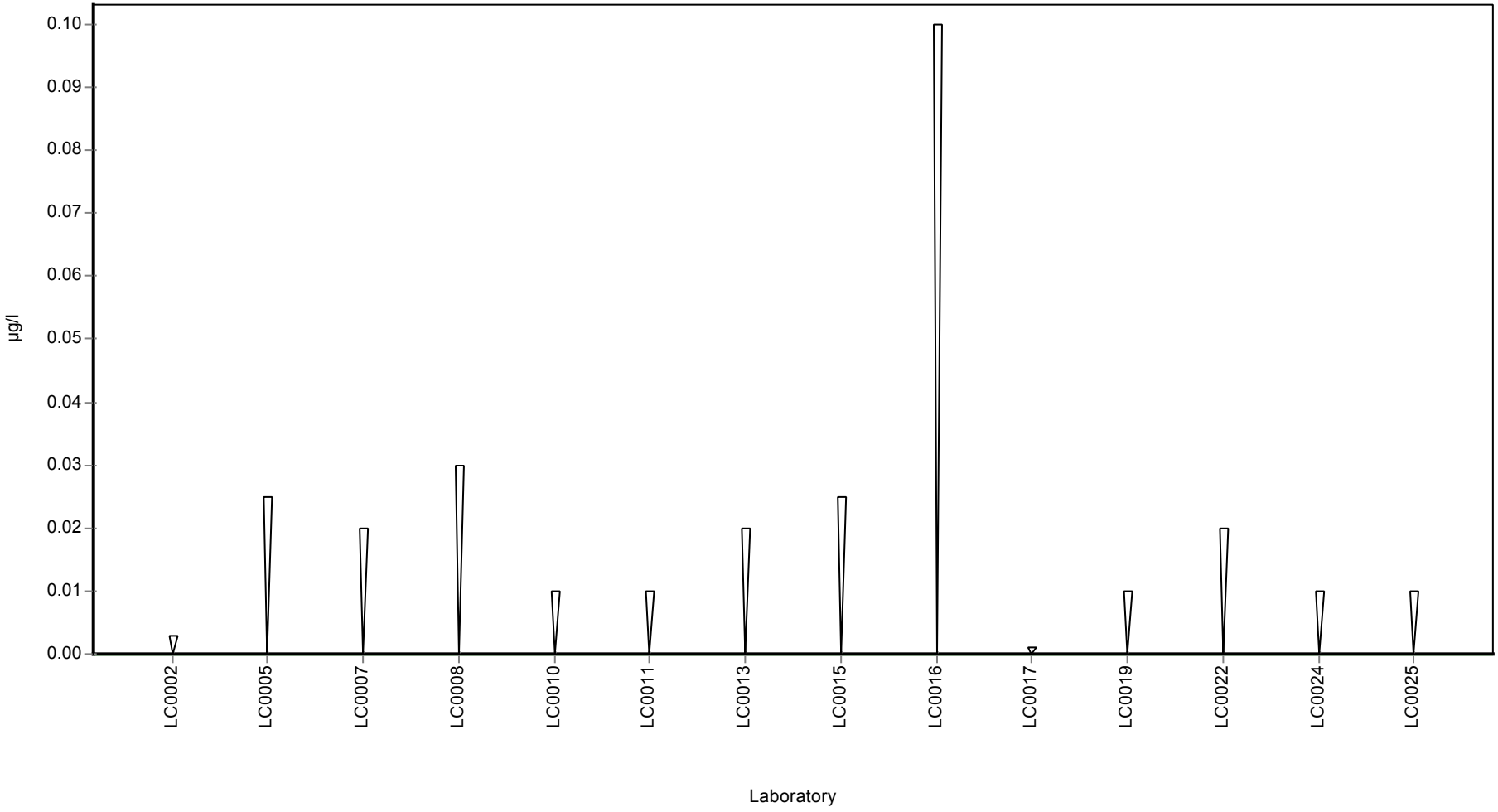
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.003 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.025 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.001 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Thiamethoxam

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

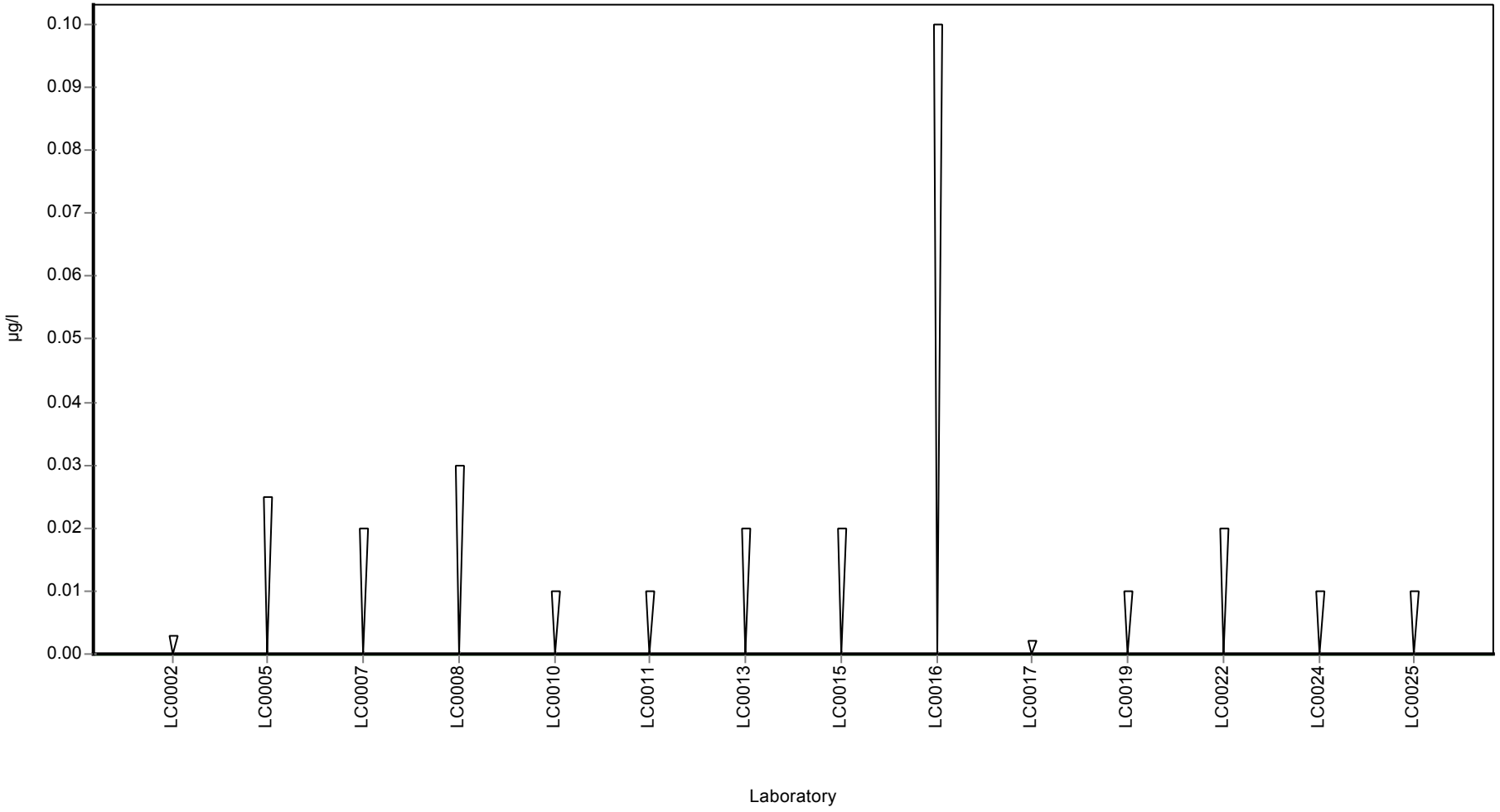
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.003 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.002 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Thiamethoxam

Unit	µg/l
Mean ± CI (99%)	0.128 ± 0.0118
Minimum - Maximum	0.107 - 0.153
Control test value ± U	0.135 ± 0.0202

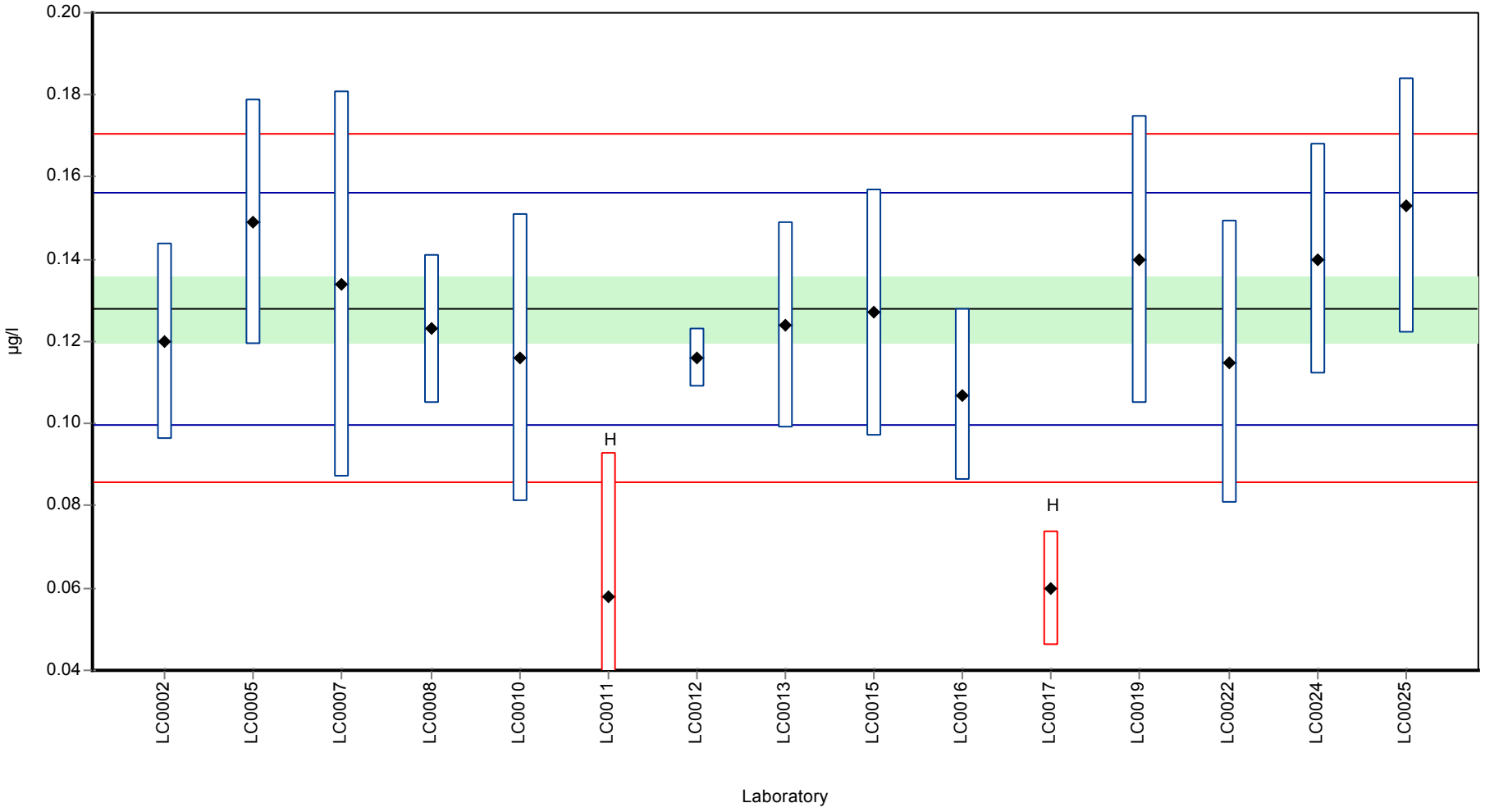
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.12	0.024	93.8	-0.57	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.149	0.0299	116	1.49	
LC0006	-	-	-	-	
LC0007	0.134	0.047	105	0.42	
LC0008	0.123	0.018	96.1	-0.35	
LC0009	-	-	-	-	
LC0010	0.116	0.035	90.6	-0.85	
LC0011	0.058	0.035	45.3	-4.96	H
LC0012	0.116	0.007	90.6	-0.85	
LC0013	0.124	0.025	96.9	-0.28	
LC0014	-	-	-	-	
LC0015	0.127	0.03	99.2	-0.07	
LC0016	0.107	0.021	83.6	-1.49	
LC0017	0.06	0.014	46.9	-4.81	H
LC0018	-	-	-	-	
LC0019	0.14	0.035	109	0.85	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.115	0.0345	89.8	-0.92	
LC0023	-	-	-	-	
LC0024	0.14	0.028	109	0.85	
LC0025	0.153	0.031	120	1.77	
LC0026	-	-	-	-	

Characteristics of parameter

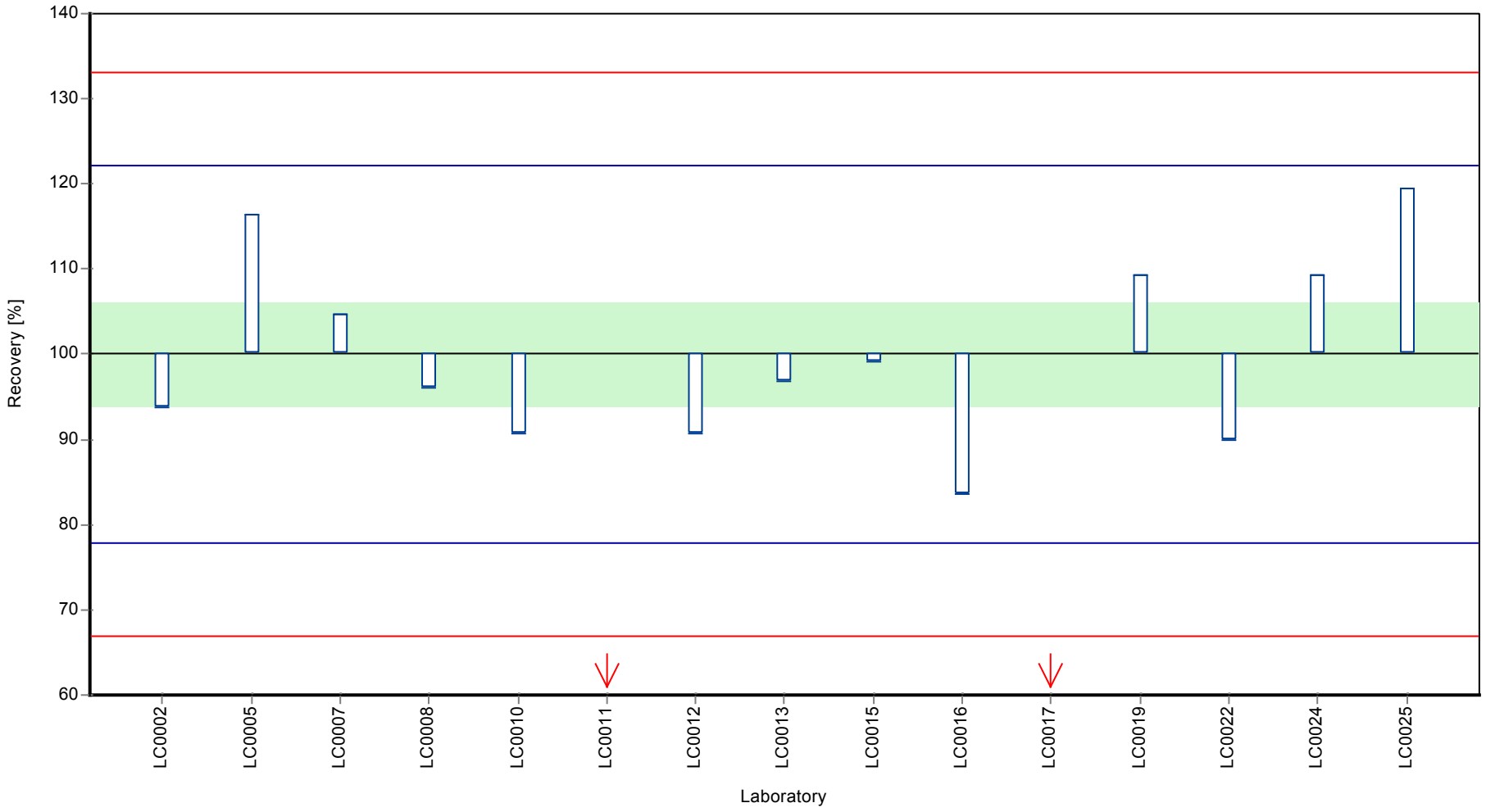
	all results	without outliers	Unit
Mean ± CI (99%)	0.119 ± 0.0214	0.128 ± 0.0118	µg/l
Minimum	0.058	0.107	µg/l
Maximum	0.153	0.153	µg/l
Standard deviation	0.0276	0.0141	µg/l
rel. Standard deviation	23.2	11	%
n	15	13	-

Graphical presentation of results

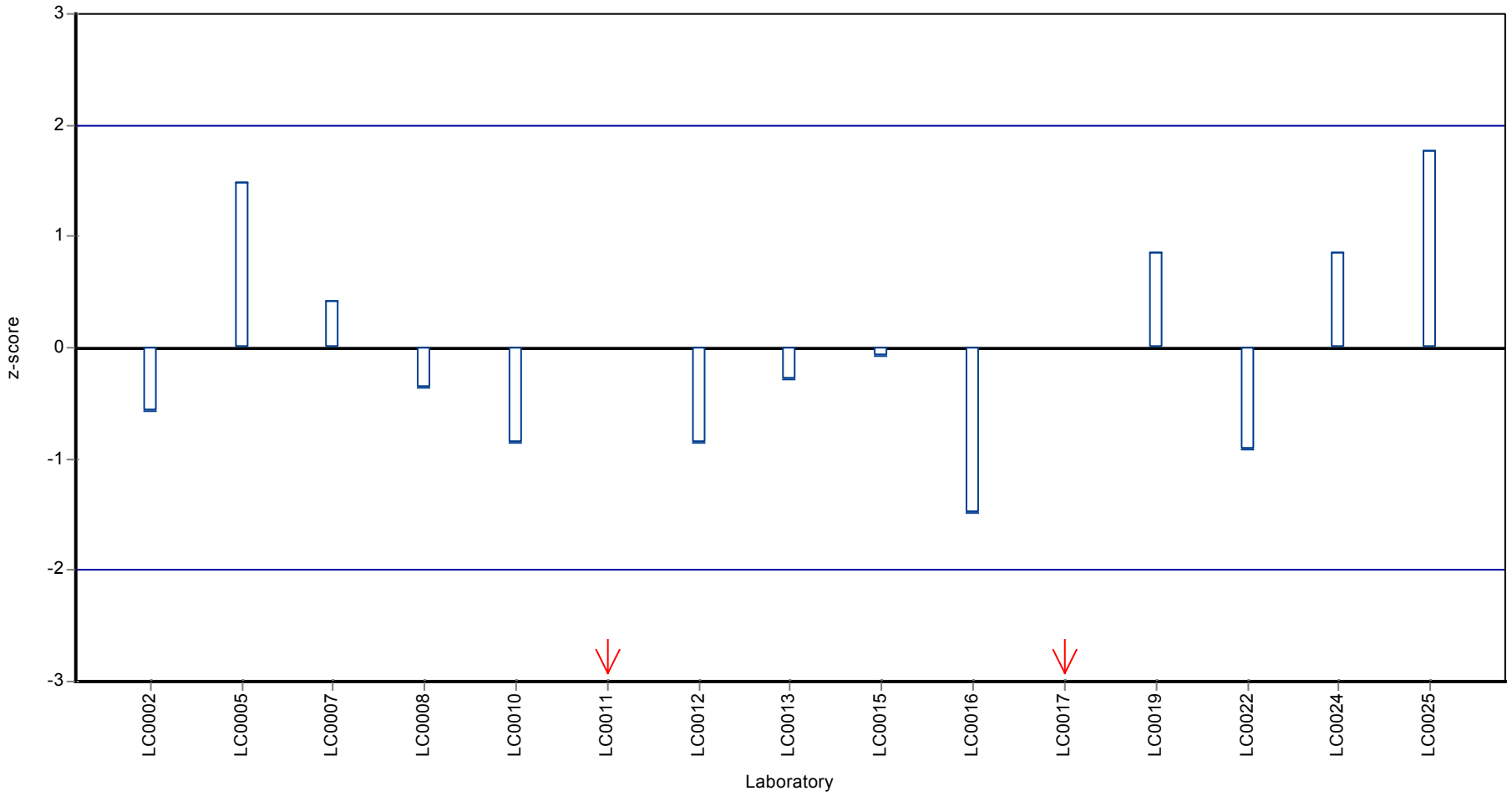
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0002
LC0005
LC0007
LC0008
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0019
LC0022
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 A

Thifensulfuron-methyl

Unit	µg/l
Mean ± CI (99%)	0.765 ± 0.0774
Minimum - Maximum	0.614 - 0.949
Control test value ± U	0.815 ± 0.122

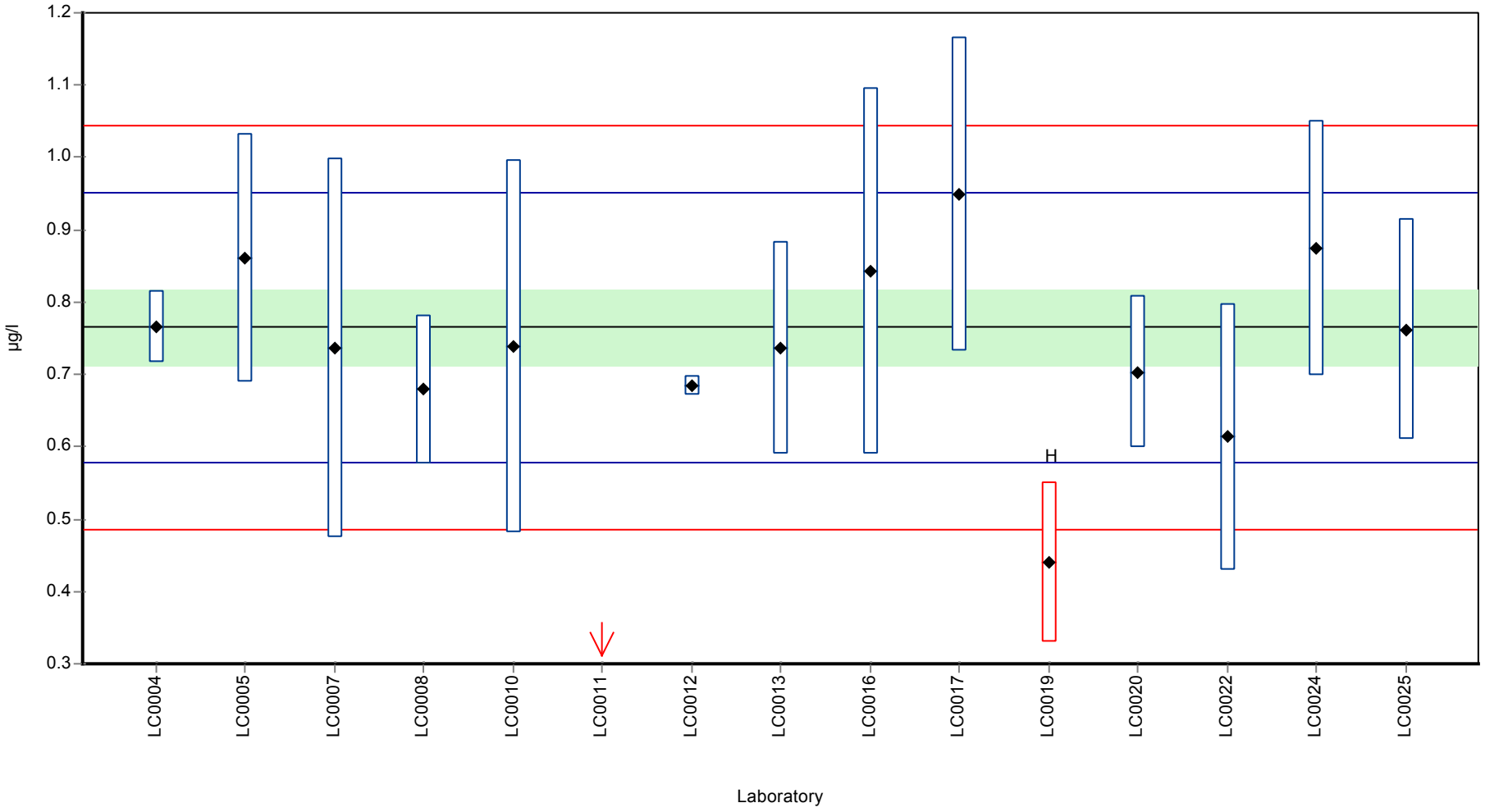
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.766	0.05	100	0.01	
LC0005	0.861	0.172	113	1.03	
LC0006	-	-	-	-	
LC0007	0.737	0.262	96.3	-0.3	
LC0008	0.679	0.102	88.7	-0.93	
LC0009	-	-	-	-	
LC0010	0.738	0.258	96.5	-0.29	
LC0011	0.205	0.123	26.8	-6.02	H
LC0012	0.685	0.014	89.5	-0.86	
LC0013	0.736	0.147	96.2	-0.31	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.842	0.253	110	0.83	
LC0017	0.949	0.218	124	1.98	
LC0018	-	-	-	-	
LC0019	0.44	0.11	57.5	-3.49	H
LC0020	0.703	0.10545	91.9	-0.67	
LC0021	-	-	-	-	
LC0022	0.614	0.1842	80.2	-1.62	
LC0023	-	-	-	-	
LC0024	0.875	0.176	114	1.18	
LC0025	0.762	0.1524	99.6	-0.03	
LC0026	-	-	-	-	

Characteristics of parameter

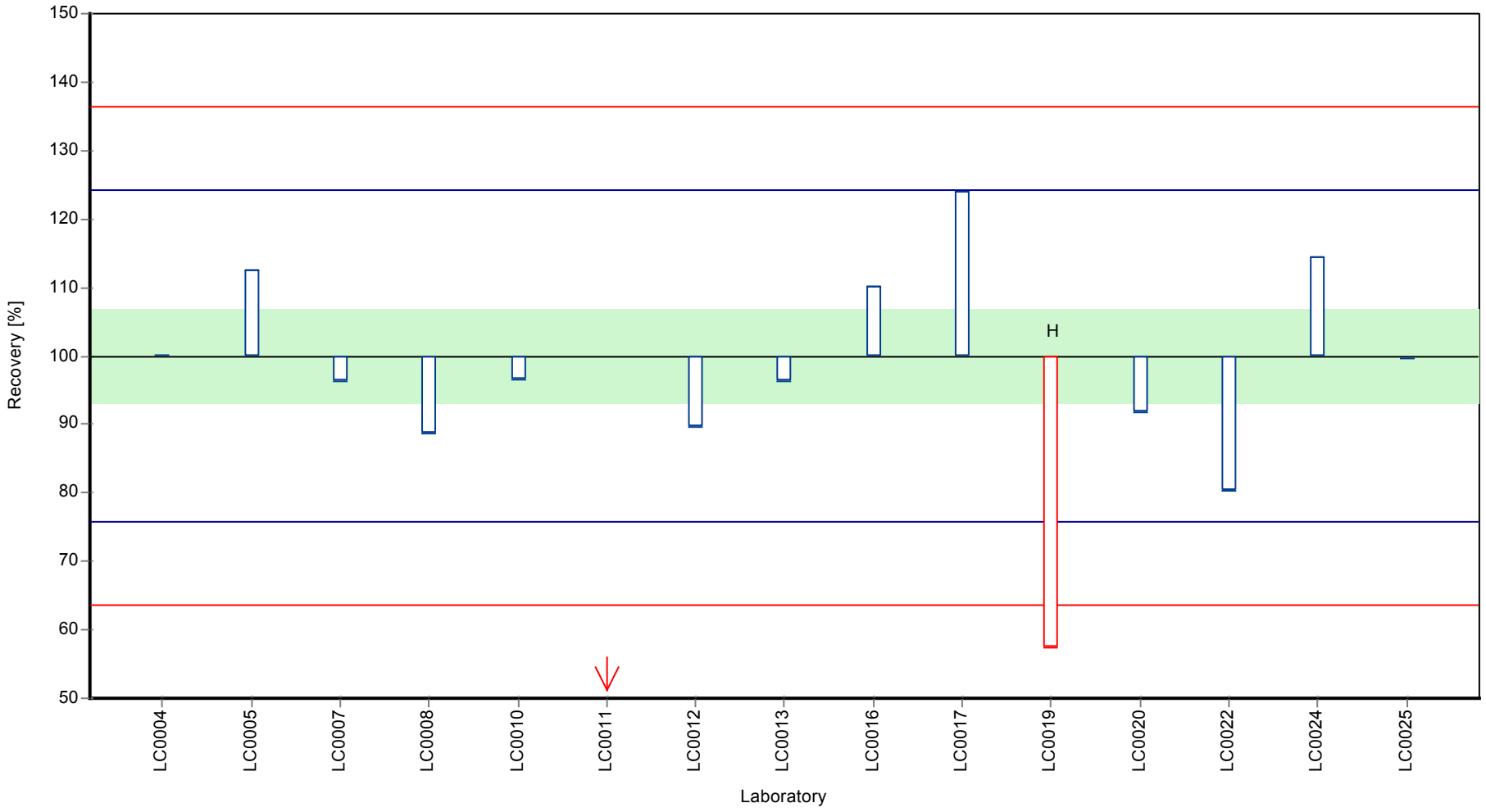
	all results	without outliers	Unit
Mean ± CI (99%)	0.706 ± 0.142	0.765 ± 0.0774	µg/l
Minimum	0.205	0.614	µg/l
Maximum	0.949	0.949	µg/l
Standard deviation	0.183	0.0931	µg/l
rel. Standard deviation	26	12.2	%
n	15	13	-

Graphical presentation of results

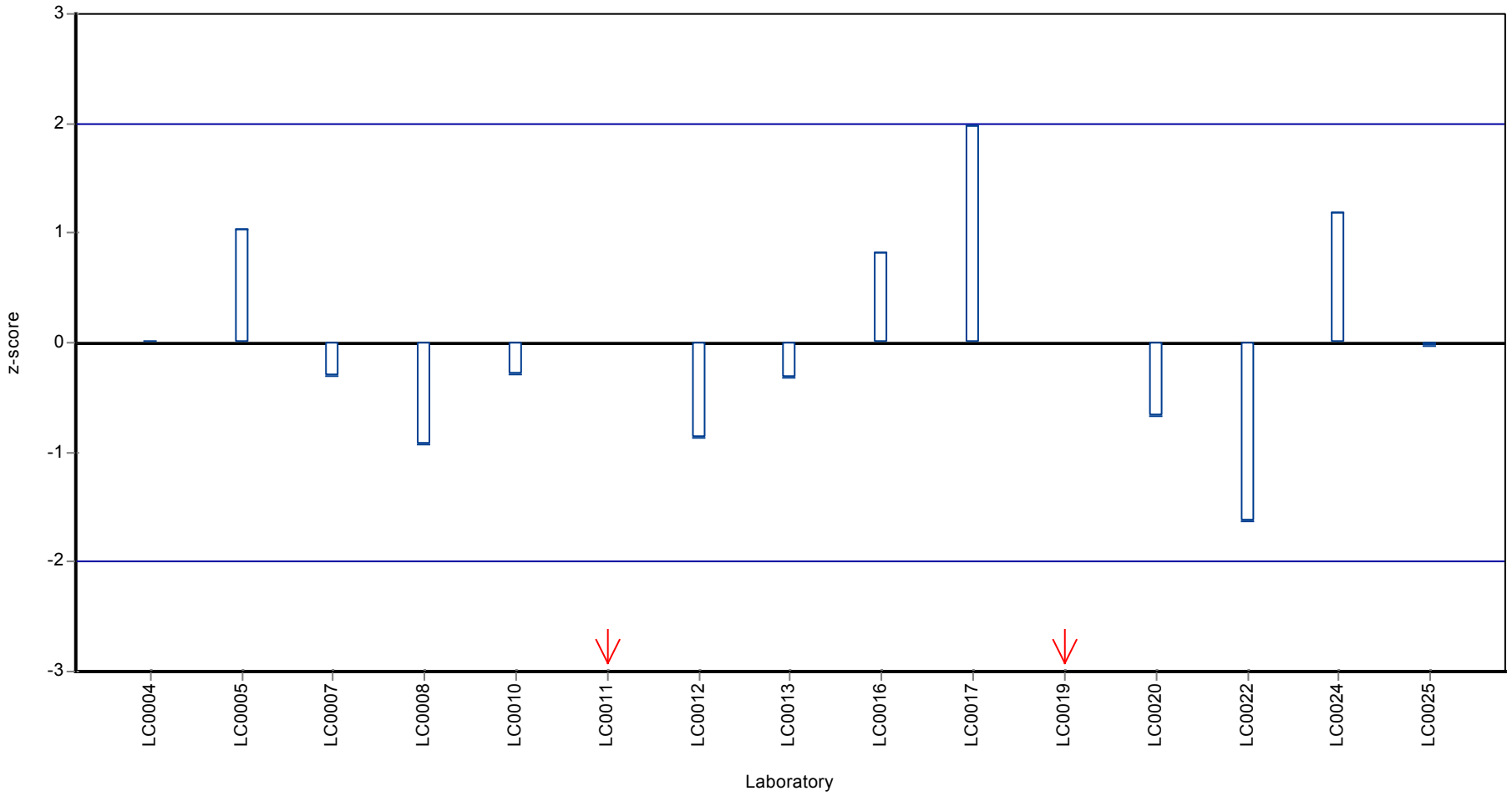
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0004
LC0005
LC0007
LC0008
LC0010
LC0011
LC0012
LC0013
LC0016
LC0017
LC0019
LC0020
LC0022
LC0024
LC0025
Laboratory

Parameter oriented report

PM02 B

Thifensulfuron-methyl

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

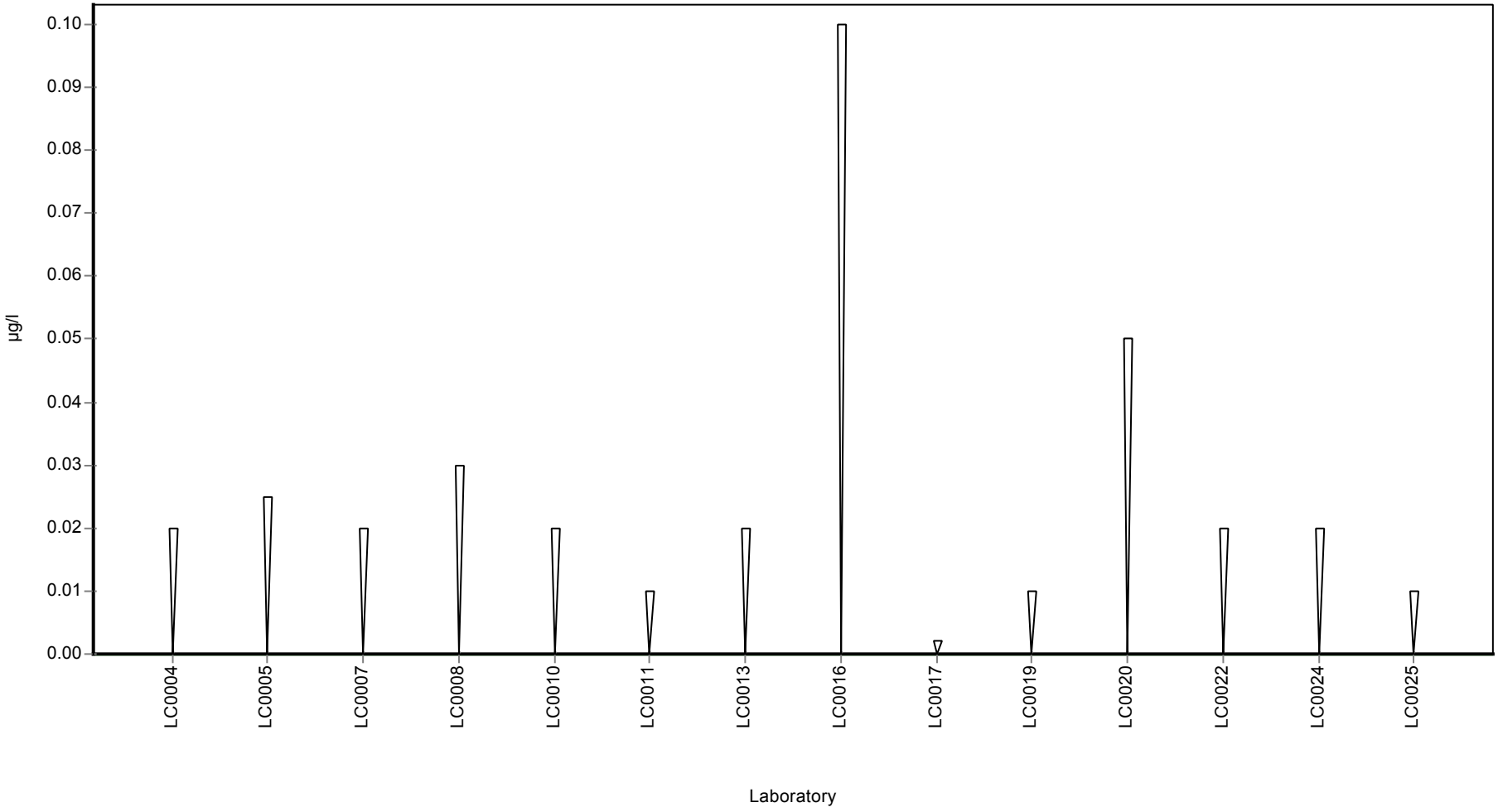
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.02 (LOQ)	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.02 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.002 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.02 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Tolylfluanid

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.445 - 0.445
Control test value ± U	<0.025 (LOD)

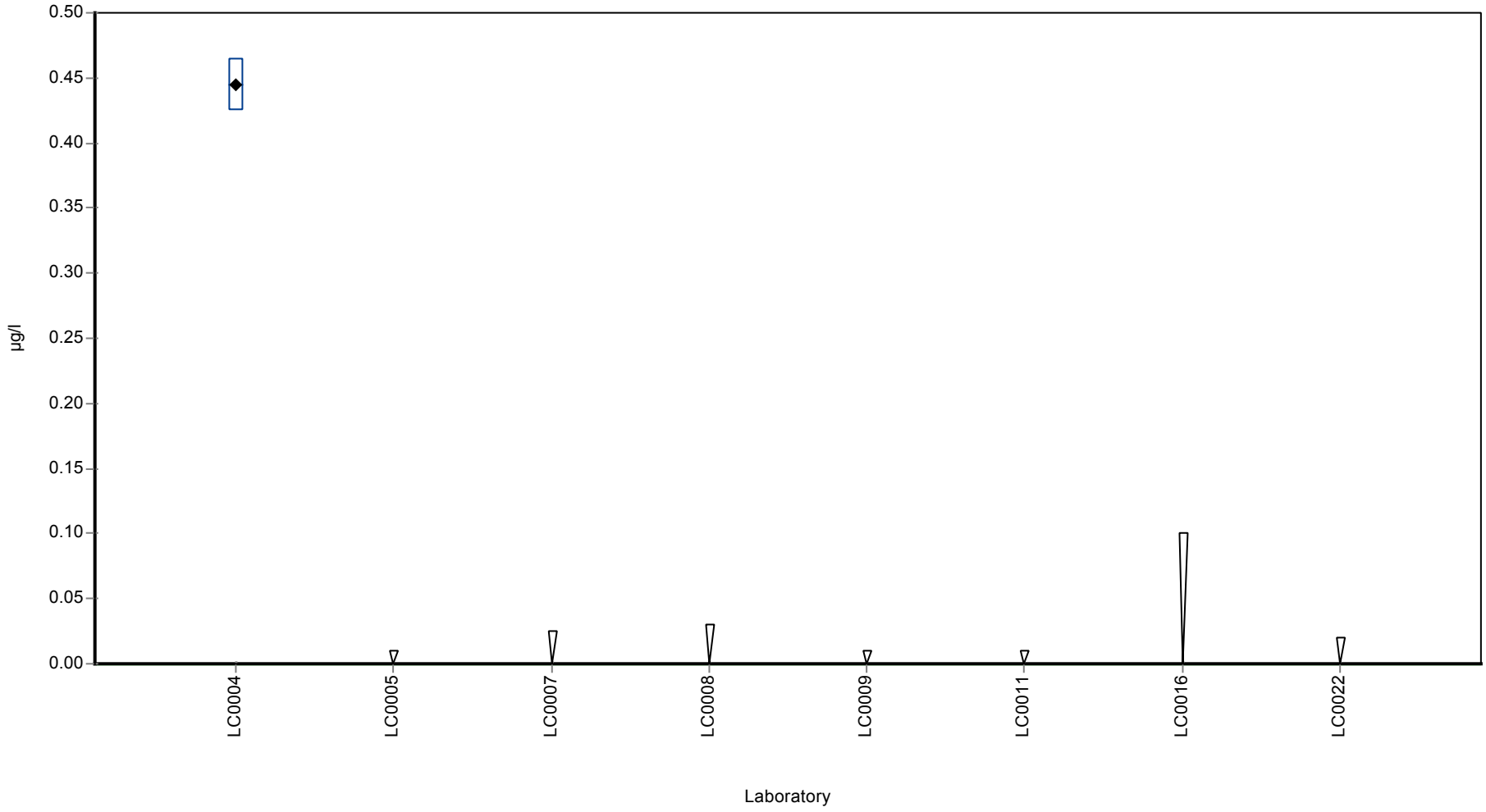
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.445	0.02	-	-	FP
LC0005	< 0.01 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.025 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.445	-	µg/l
Minimum	0.445	0.445	µg/l
Maximum	0.445	0.445	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Tolylfluanid

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.414 - 0.414
Control test value ± U	<0.025 (LOD)

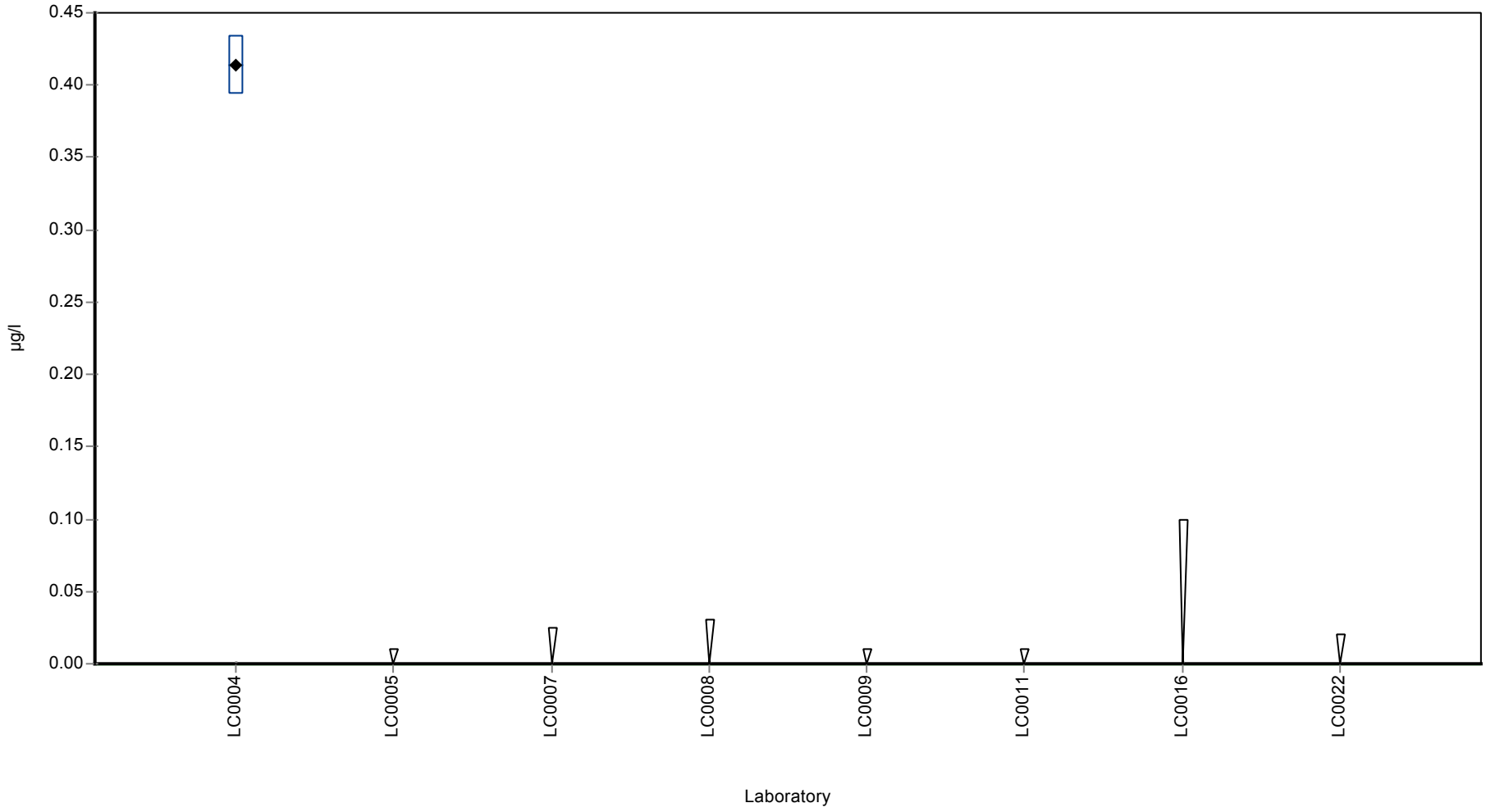
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.414	0.02	-	-	FP
LC0005	< 0.01 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.025 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.414	-	µg/l
Minimum	0.414	0.414	µg/l
Maximum	0.414	0.414	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Tribenuron-methyl

Unit	µg/l
Mean ± CI (99%)	0.154 ± 0.0906
Minimum - Maximum	0.05 - 0.323
Control test value ± U	0.129 ± 0.0194

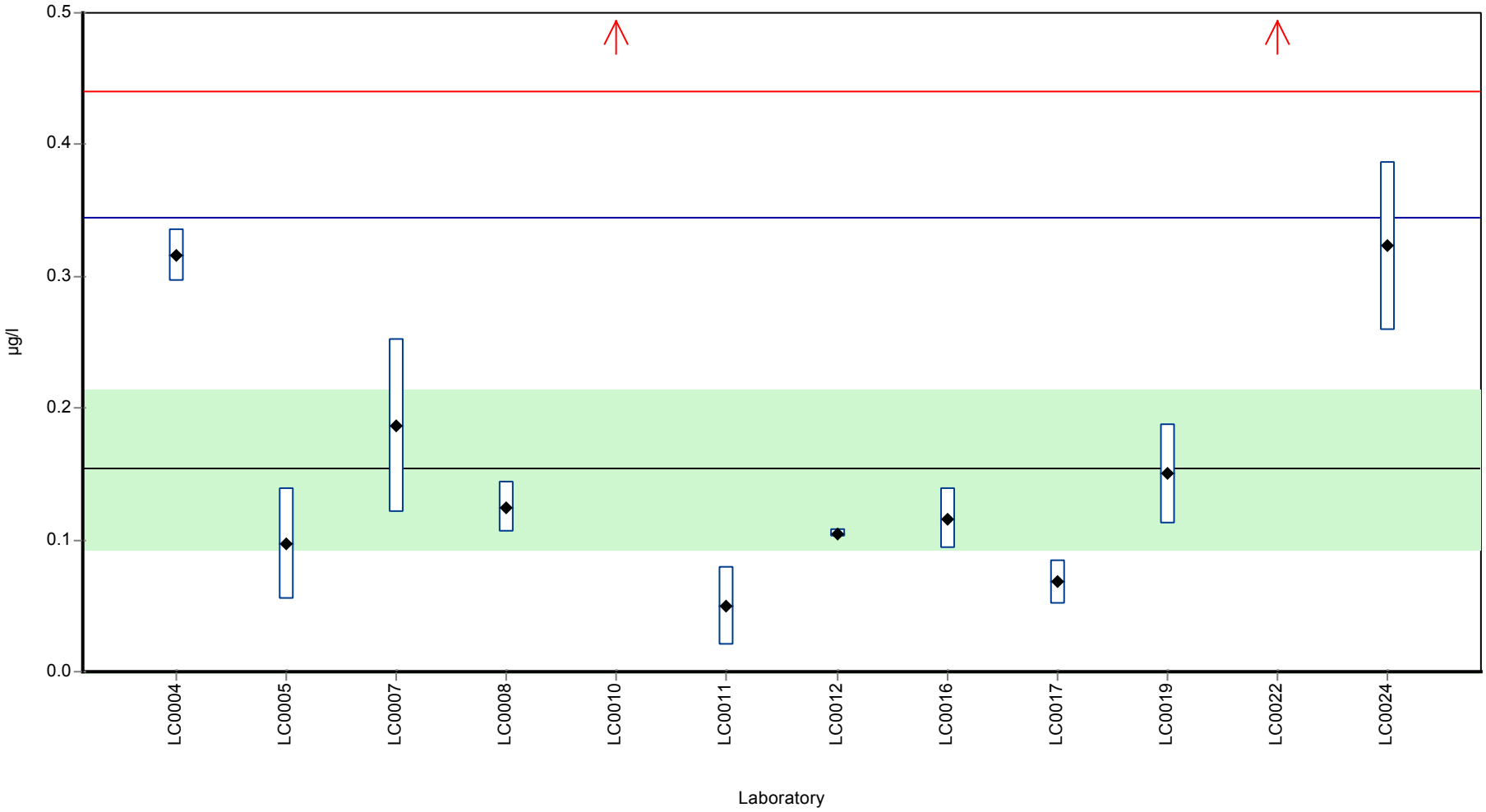
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.316	0.02	206	1.7	
LC0005	0.097	0.0428	63.1	-0.59	
LC0006	-	-	-	-	
LC0007	0.187	0.066	122	0.35	
LC0008	0.125	0.019	81.3	-0.3	
LC0009	-	-	-	-	
LC0010	3.1	1.085	2020	30.9	H
LC0011	0.05	0.03	32.5	-1.09	
LC0012	0.105	0.003	68.3	-0.51	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.116	0.023	75.5	-0.4	
LC0017	0.068	0.017	44.2	-0.9	
LC0018	-	-	-	-	
LC0019	0.15	0.0375	97.6	-0.04	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.857	0.2571	558	7.37	H
LC0023	-	-	-	-	
LC0024	0.323	0.064	210	1.77	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

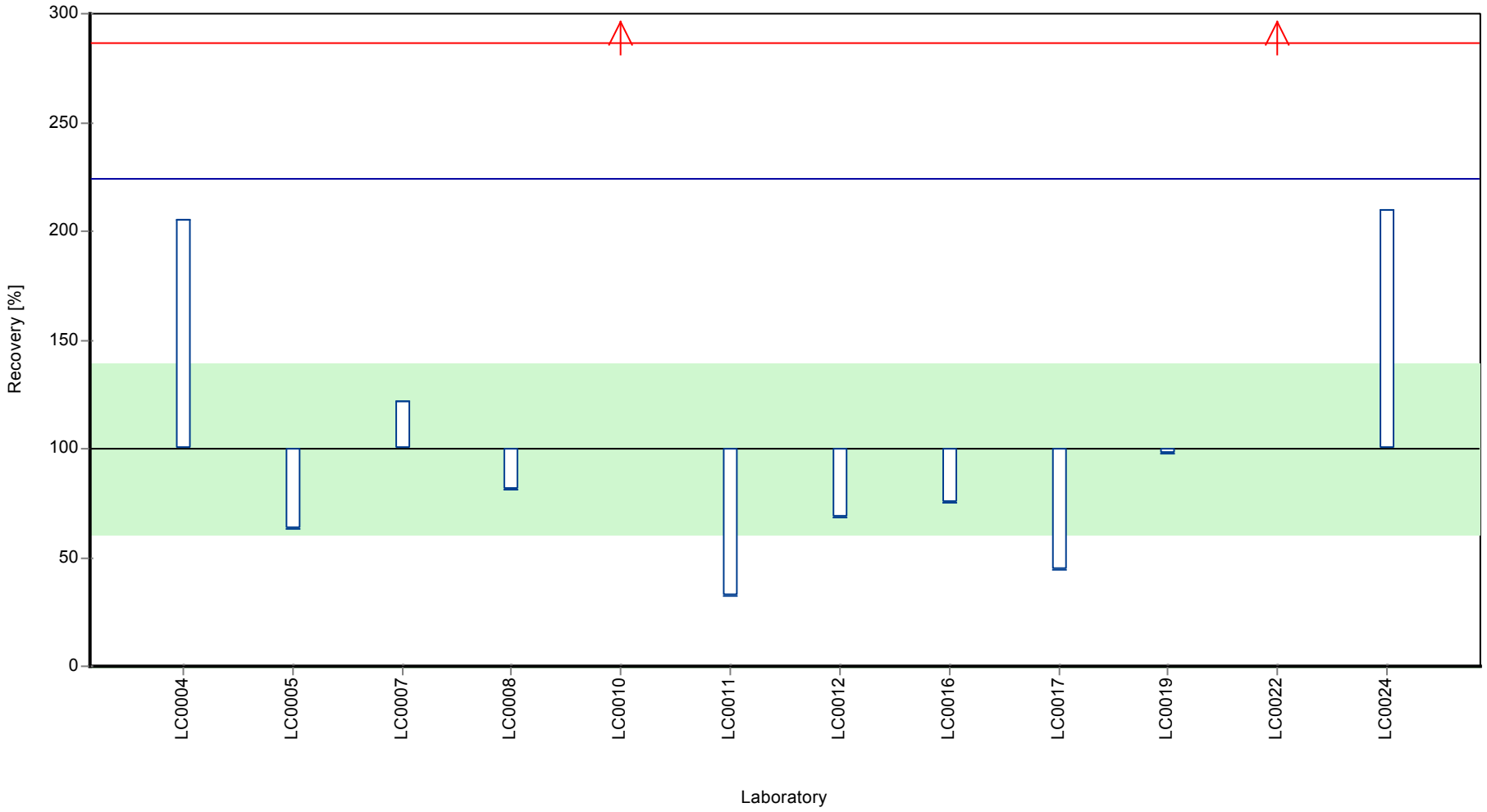
	all results	without outliers	Unit
Mean ± CI (99%)	0.458 ± 0.745	0.154 ± 0.0906	µg/l
Minimum	0.05	0.05	µg/l
Maximum	3.1	0.323	µg/l
Standard deviation	0.861	0.0955	µg/l
rel. Standard deviation	188	62.1	%
n	12	10	-

Graphical presentation of results

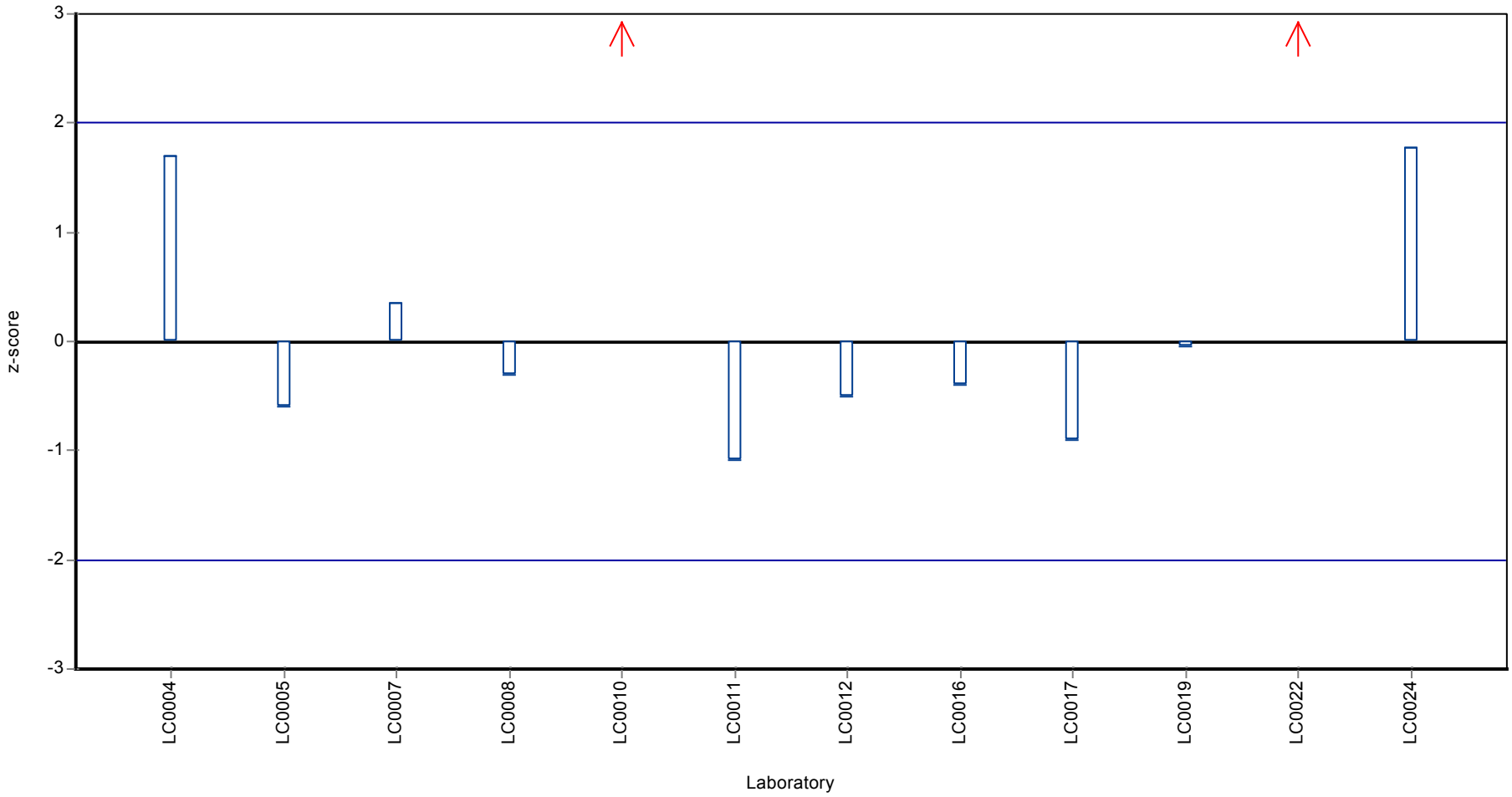
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0004
LC0005
LC0007
LC0008
LC0010
LC0011
LC0012
LC0016
LC0017
LC0019
LC0022
LC0024
Laboratory

Parameter oriented report

PM02 B

Tribenuron-methyl

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

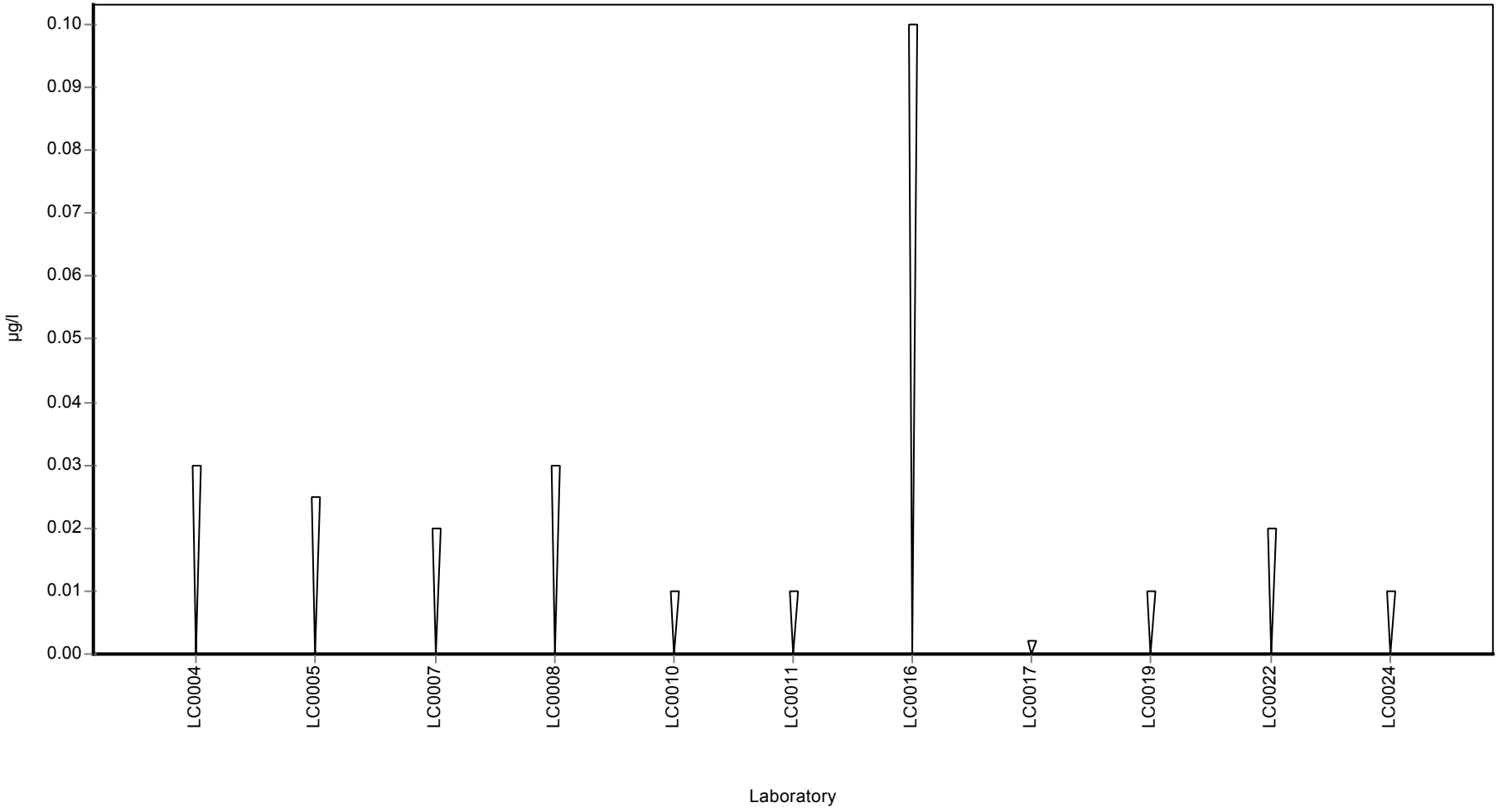
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.03 (LOQ)	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.002 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Triclopyr

Unit	µg/l
Mean ± CI (99%)	0.48 ± 0.0503
Minimum - Maximum	0.412 - 0.596
Control test value ± U	0.54 ± 0.081

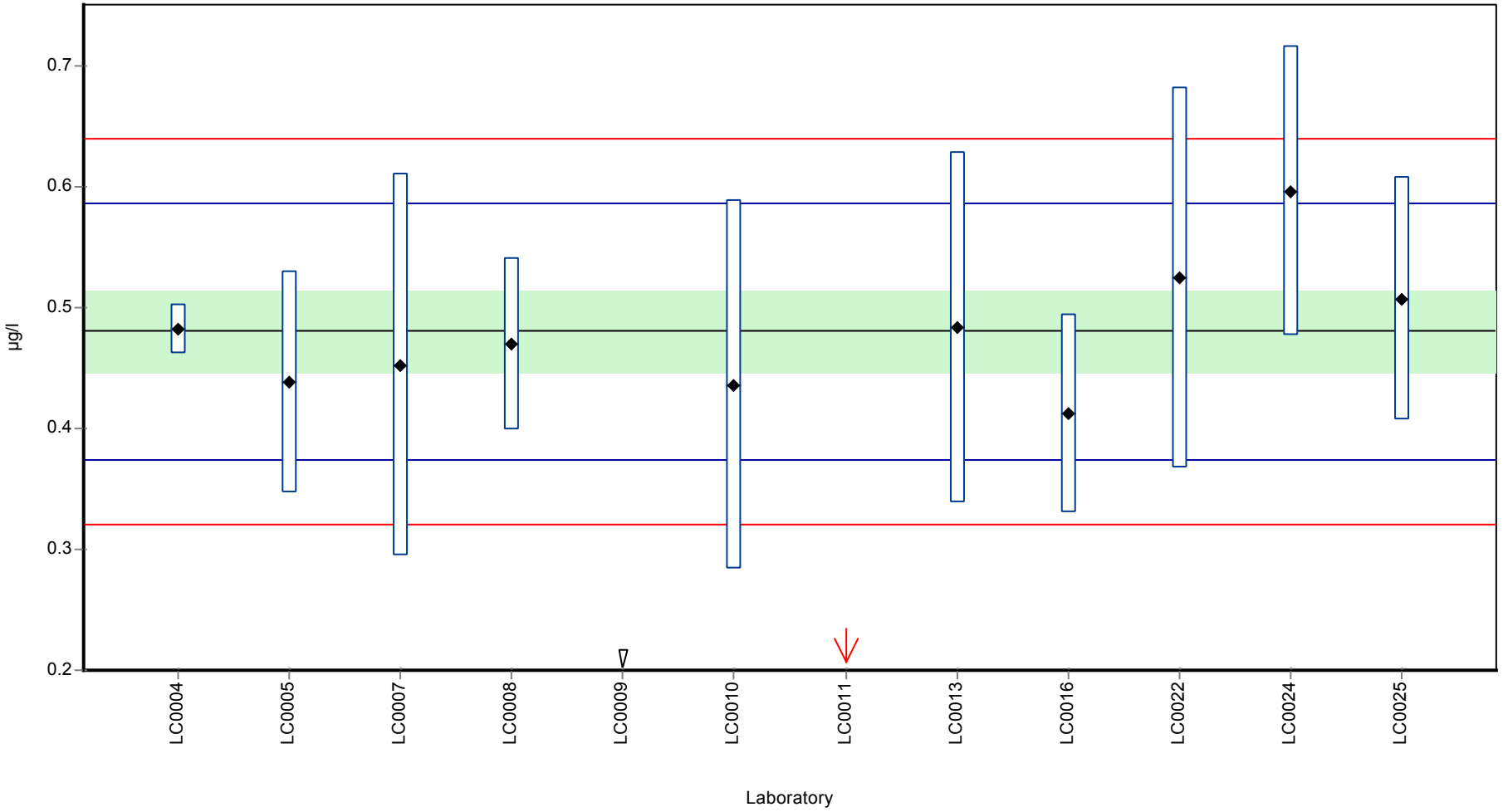
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.482	0.02	100	0.04	
LC0005	0.438	0.092	91.2	-0.79	
LC0006	-	-	-	-	
LC0007	0.452	0.158	94.2	-0.53	
LC0008	0.47	0.071	97.9	-0.19	
LC0009	< 0.01 (LOQ)	-	-	-	FN
LC0010	0.436	0.153	90.8	-0.83	
LC0011	0.015	0.009	3.1	-8.76	H
LC0012	-	-	-	-	
LC0013	0.483	0.145	101	0.06	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.412	0.082	85.8	-1.28	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.524	0.1572	109	0.83	
LC0023	-	-	-	-	
LC0024	0.596	0.12	124	2.19	
LC0025	0.507	0.101	106	0.51	
LC0026	-	-	-	-	

Characteristics of parameter

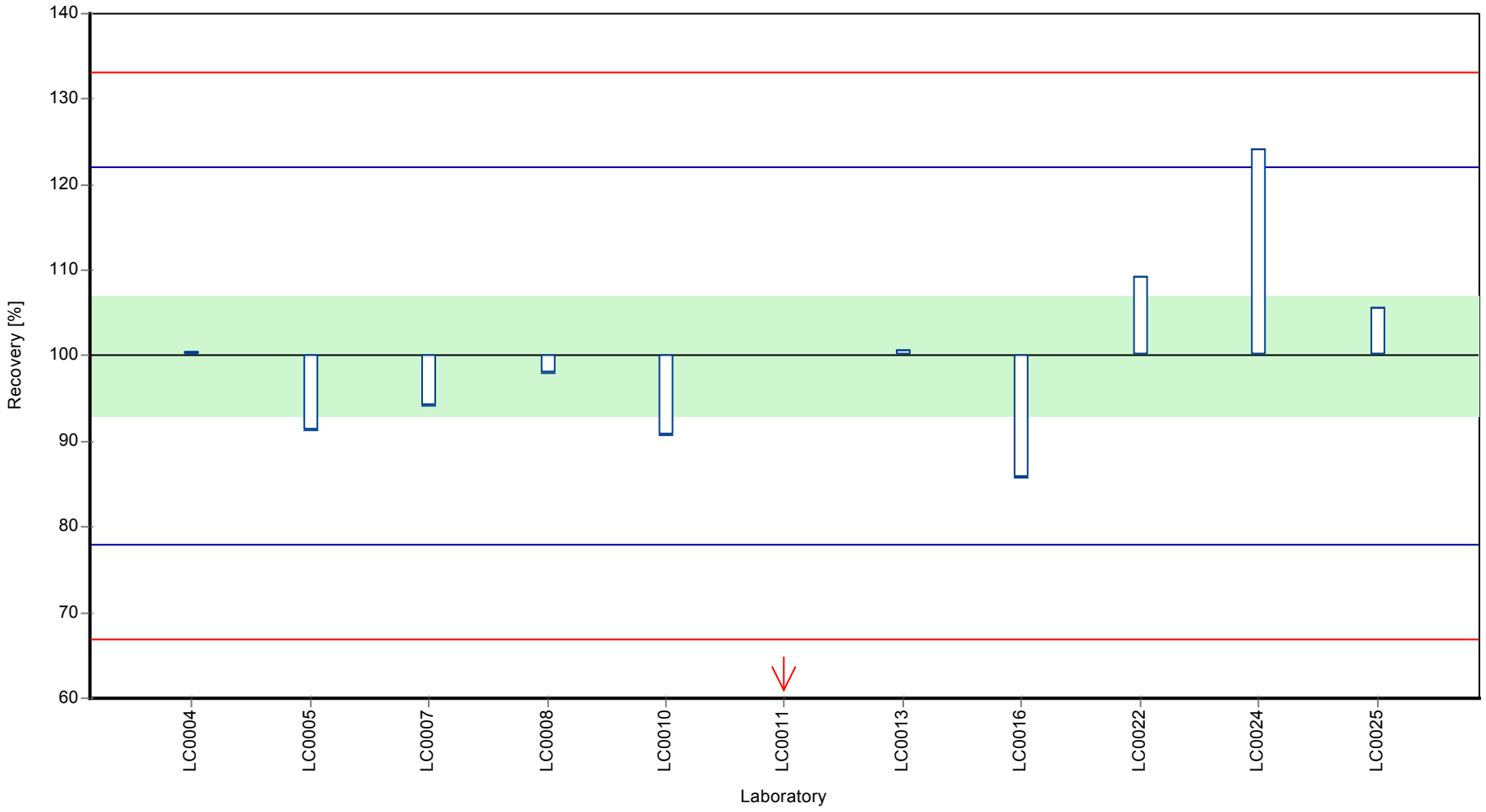
	all results	without outliers	Unit
Mean ± CI (99%)	0.438 ± 0.135	0.48 ± 0.0503	µg/l
Minimum	0.015	0.412	µg/l
Maximum	0.596	0.596	µg/l
Standard deviation	0.149	0.0531	µg/l
rel. Standard deviation	34	11.1	%
n	11	10	-

Graphical presentation of results

Results



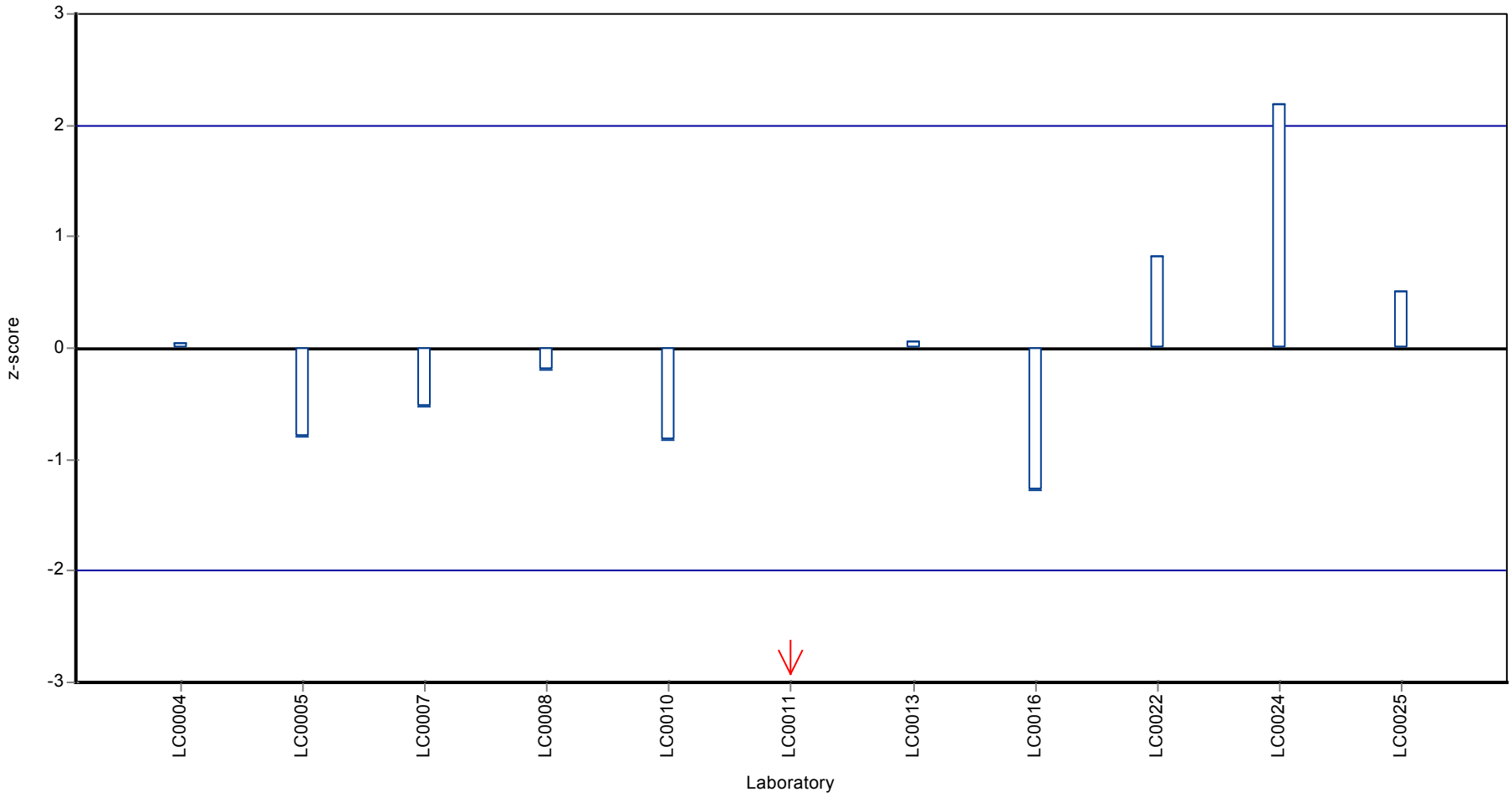
Recovery rate



Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Triclopyr

Z-score



Parameter oriented report

PM02 B

Triclopyr

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

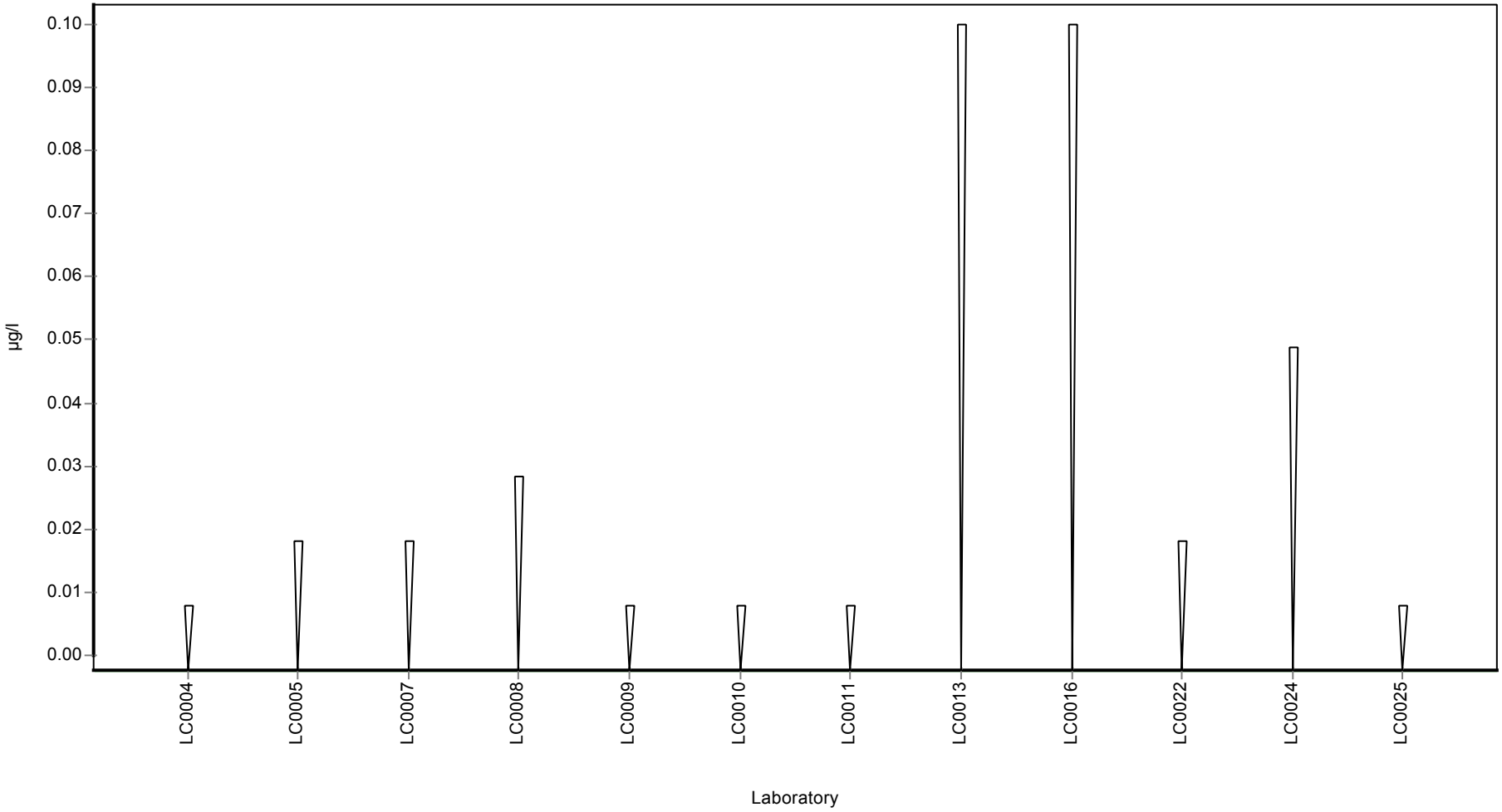
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.1 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.05 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Triflusulfuron-Methyl

Unit	µg/l
Mean ± CI (99%)	0.407 ± 0.143
Minimum - Maximum	0.119 - 0.691
Control test value ± U	0.647 ± 0.097

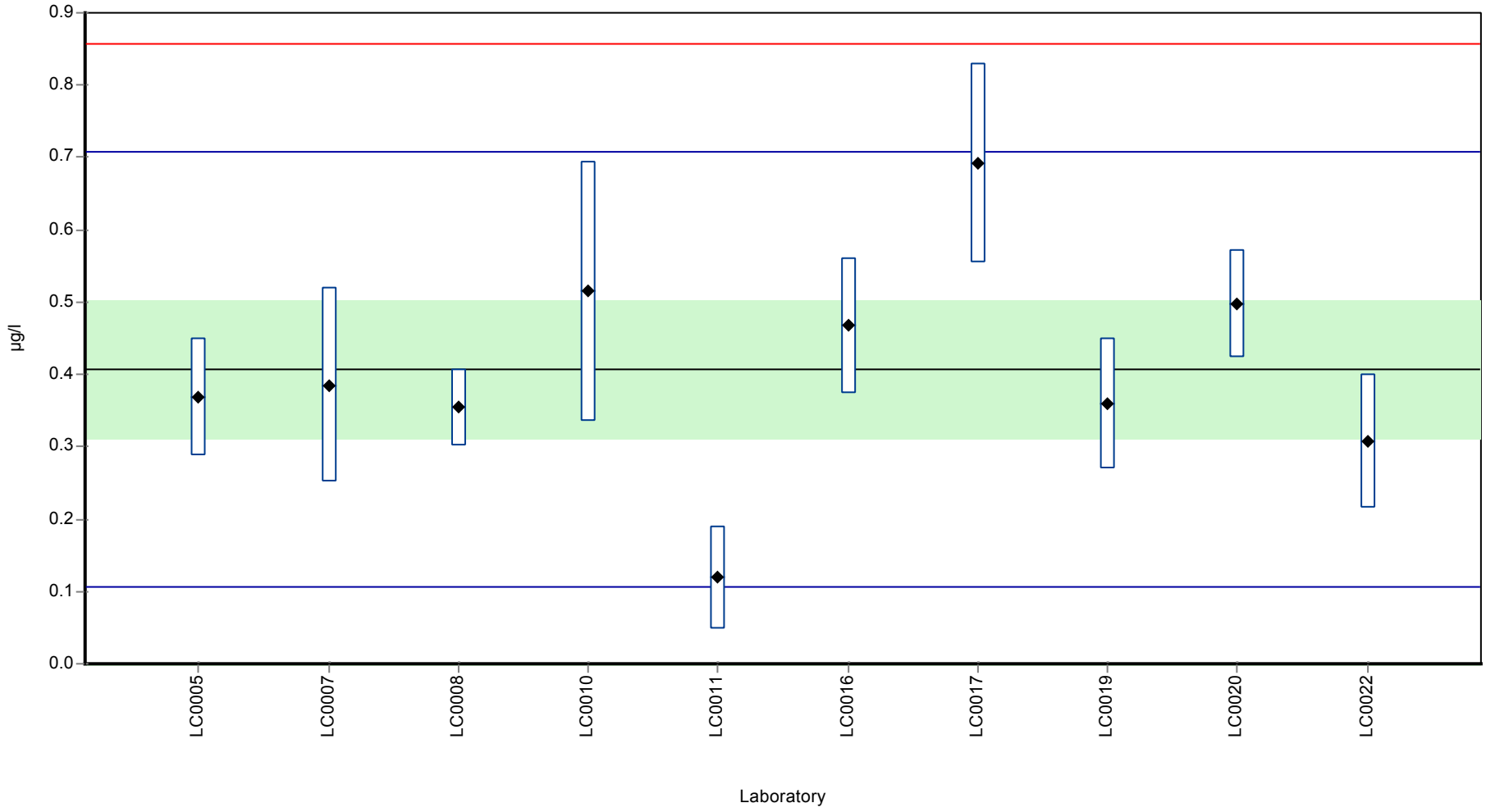
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.369	0.0811	90.8	-0.25	
LC0006	-	-	-	-	
LC0007	0.385	0.135	94.7	-0.14	
LC0008	0.354	0.053	87.1	-0.35	
LC0009	-	-	-	-	
LC0010	0.515	0.18	127	0.72	
LC0011	0.119	0.071	29.3	-1.91	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.467	0.093	115	0.4	
LC0017	0.691	0.138	170	1.89	
LC0018	-	-	-	-	
LC0019	0.36	0.09	88.6	-0.31	
LC0020	0.497	0.07455	122	0.6	
LC0021	-	-	-	-	
LC0022	0.308	0.0924	75.8	-0.66	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

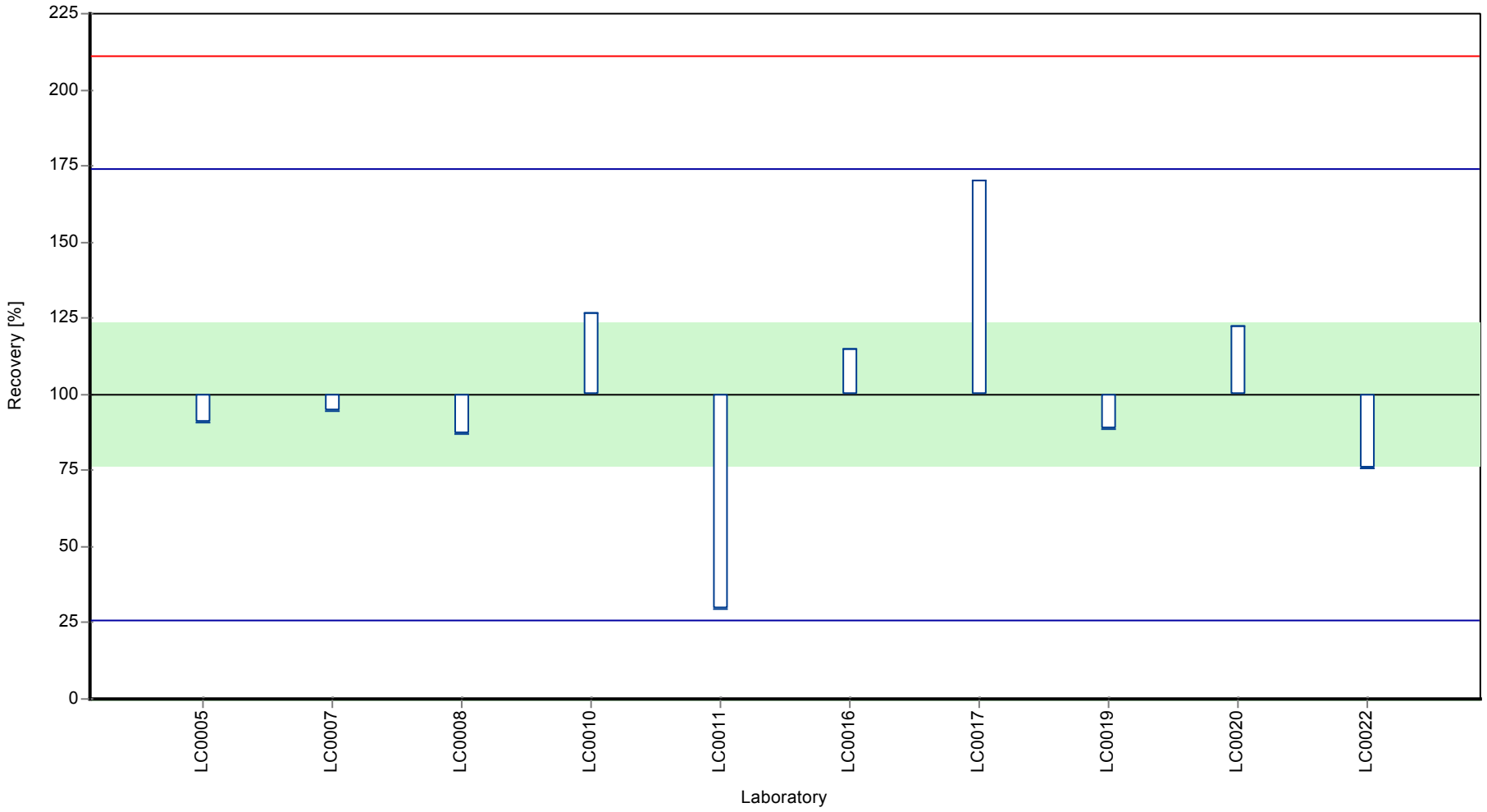
	all results	without outliers	Unit
Mean ± CI (99%)	0.406 ± 0.143	0.407 ± 0.143	µg/l
Minimum	0.119	0.119	µg/l
Maximum	0.691	0.691	µg/l
Standard deviation	0.15	0.15	µg/l
rel. Standard deviation	37	37	%
n	10	10	-

Graphical presentation of results

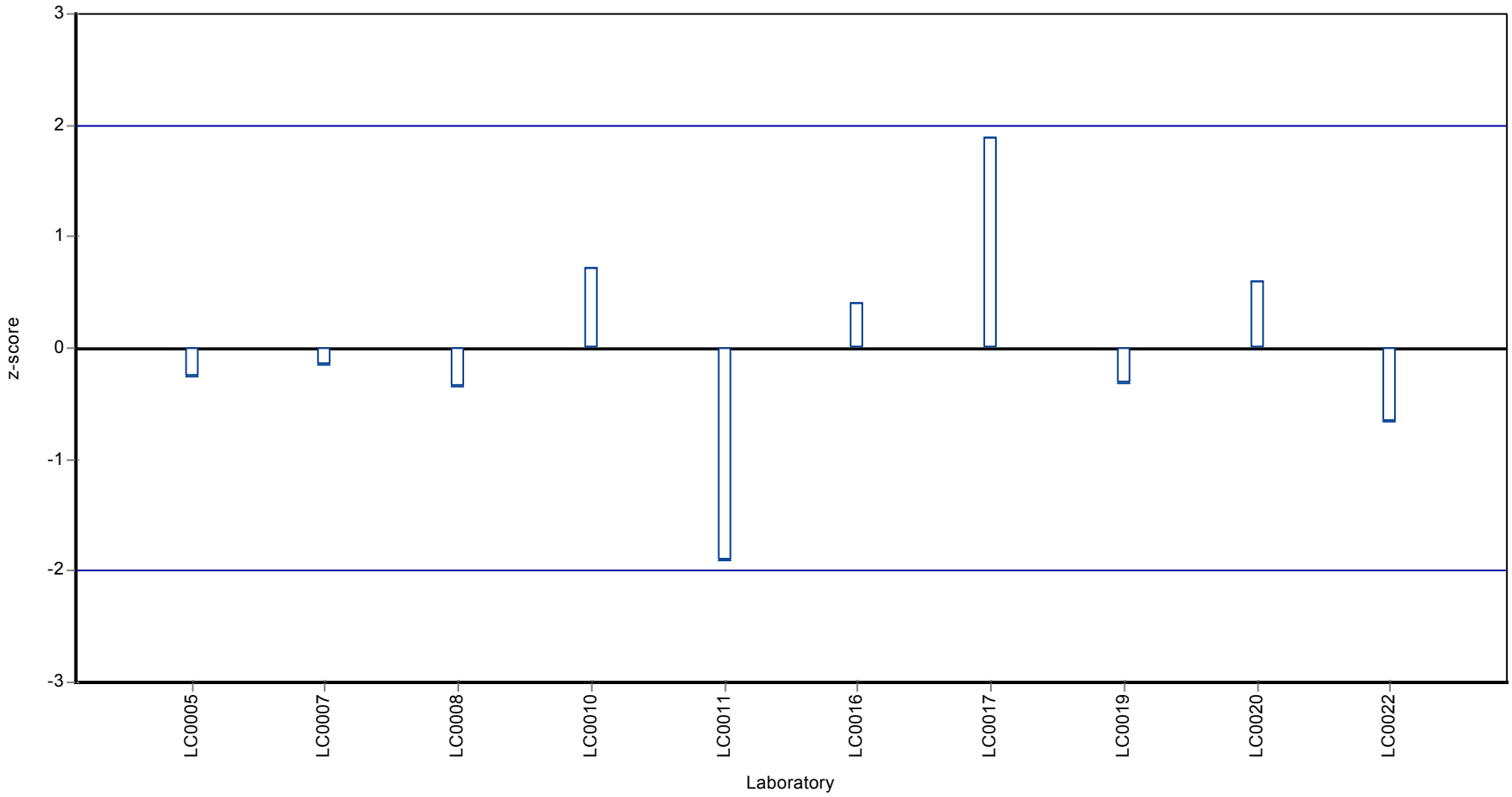
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0005
LC0007
LC0008
LC0010
LC0011
LC0016
LC0017
LC0019
LC0020
LC0022
Laboratory

Parameter oriented report

PM02 B

Triflusulfuron-Methyl

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

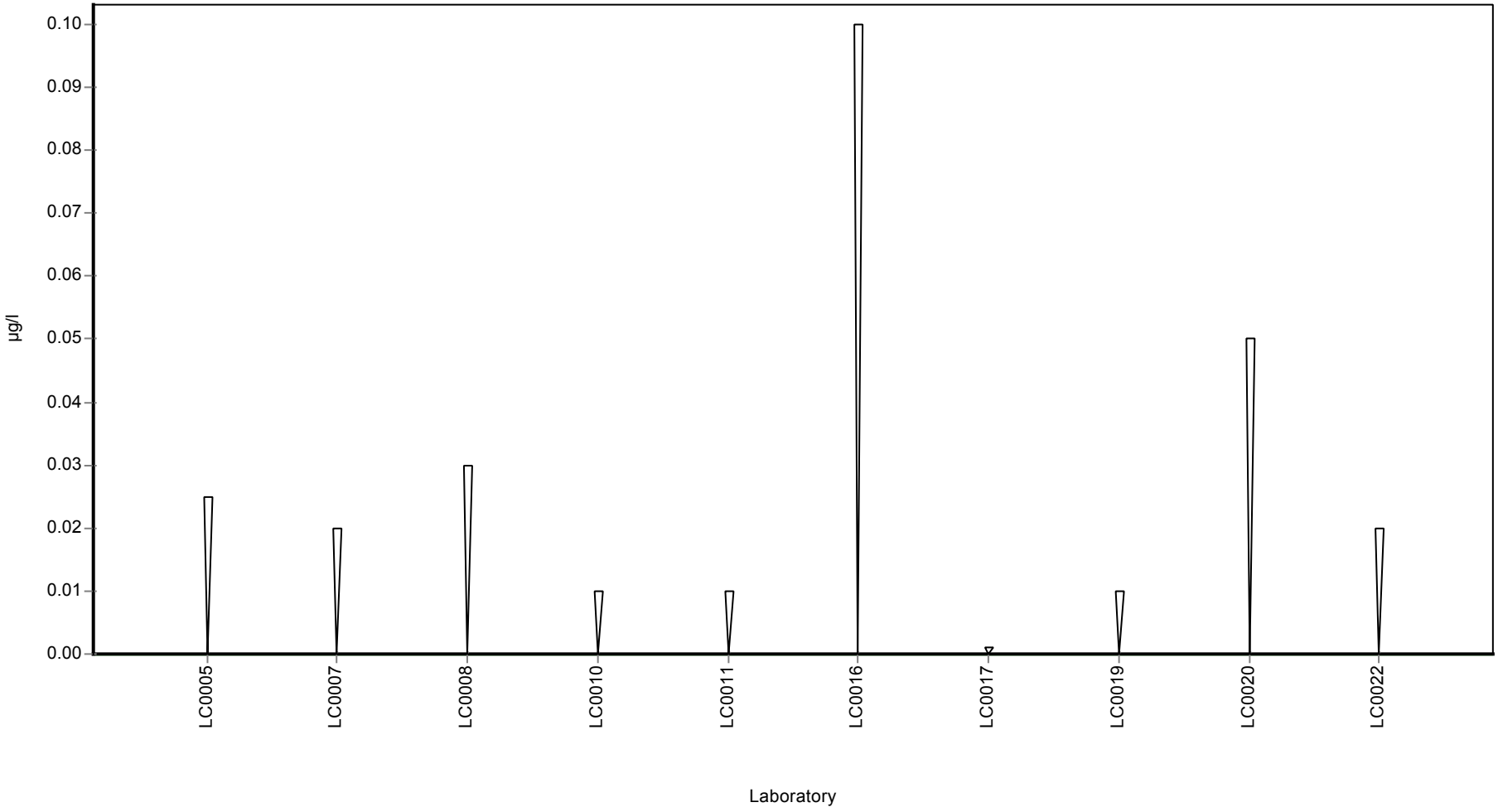
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.025 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	<0.001 (LOD)	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

PM02 A

Tritosulfuron

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.489 - 0.692
Control test value ± U	0.78 ± 0.117

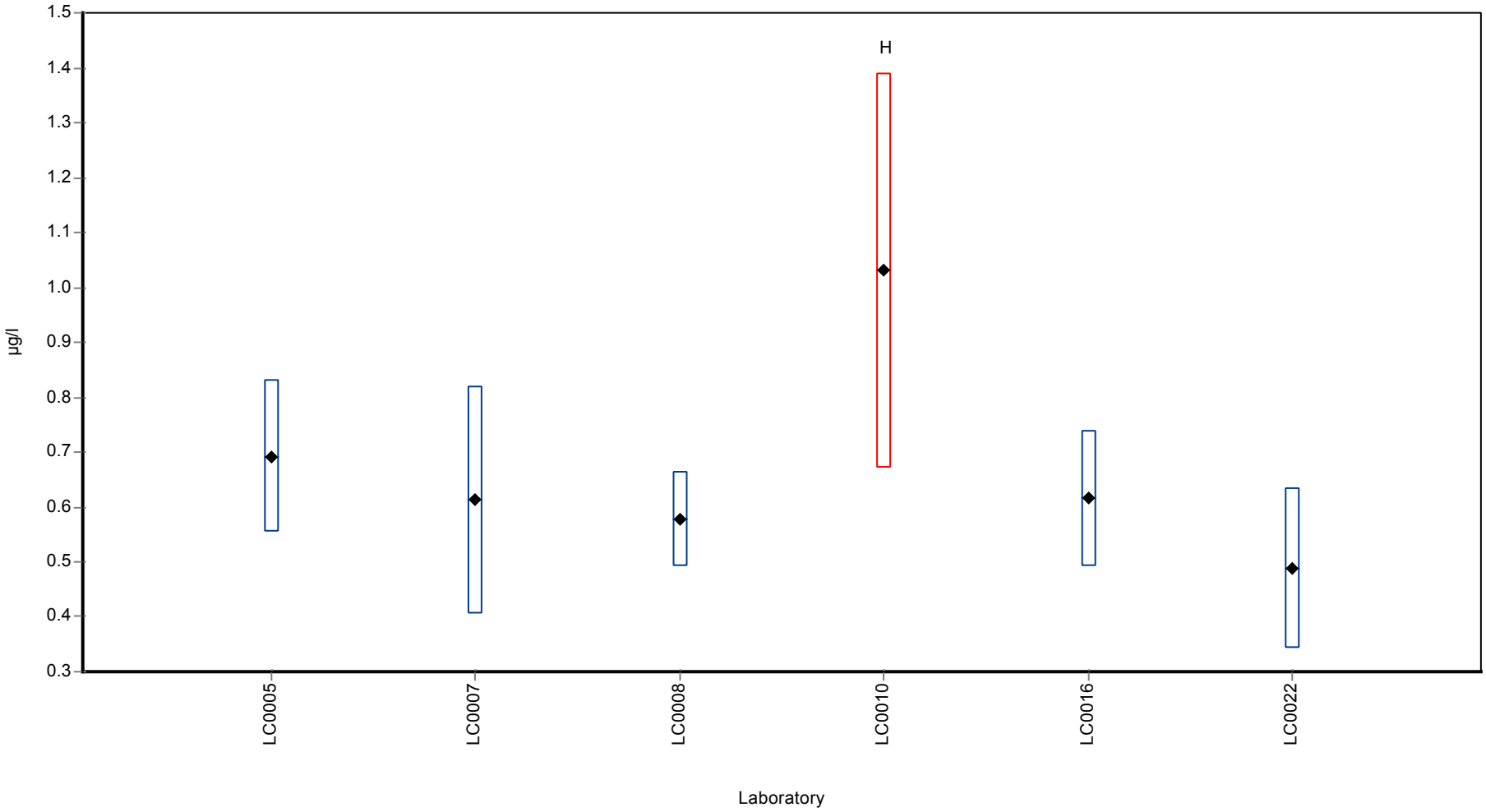
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.692	0.138	-	-	
LC0006	-	-	-	-	
LC0007	0.612	0.208	-	-	
LC0008	0.577	0.087	-	-	
LC0009	-	-	-	-	
LC0010	1.03	0.361	-	-	H
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.615	0.123	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.489	0.1467	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.669 ± 0.231	-	µg/l
Minimum	0.489	0.489	µg/l
Maximum	1.03	0.692	µg/l
Standard deviation	0.189	-	µg/l
rel. Standard deviation	28.2	-	%
n	6	5	-

Graphical presentation of results

Results



Parameter oriented report

PM02 B

Tritosulfuron

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

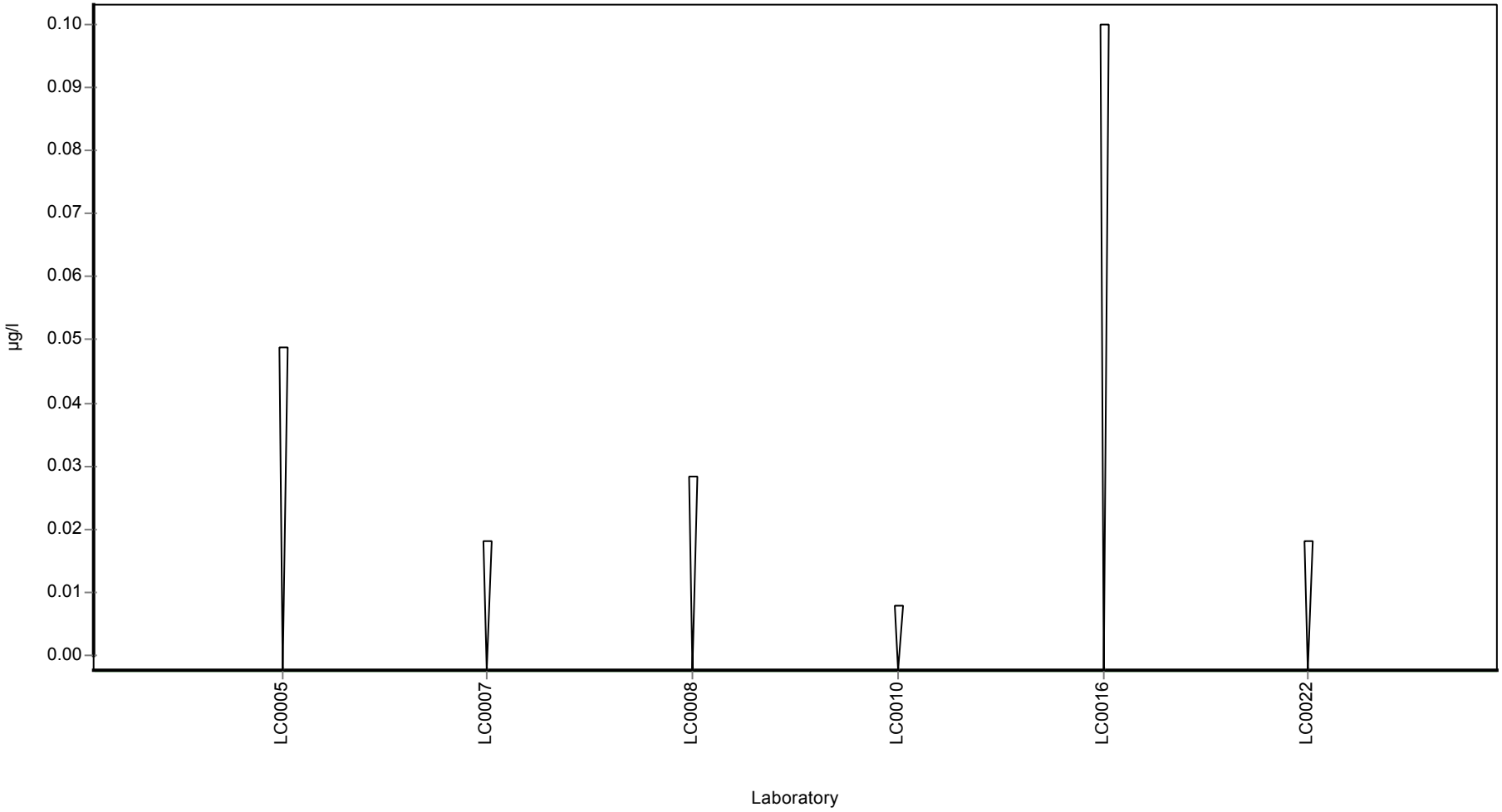
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.1 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



8 Laborientierte Auswertung

Die laborientierte Auswertung ist nach dem Laborcode sortiert.

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	-	-	0.0327	-	-
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	-	-	0.0884	-	-
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	-	-	0.0838	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	-	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.144	0.022	0.0137	93.4	-0.74
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	-	-	0.0226	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.094	0.014	0.0116	103	0.25
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	0.087	0.013	0.00756	99.7	-0.04
Chloridazon-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	-	-	0.0162	-	-
Dicamba	µg/l	0.683	±	0.0311	-	-	0.0328	-	-
Dichlorprop	µg/l	0.606	±	0.0444	0.584	0.088	0.0662	96.3	-0.34
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	-	-	0.0453	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.552	0.083	0.0433	103	0.34
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	-	-	0.0287	-	-
Ethofumesat	µg/l	0.153	±	0.0132	-	-	0.0159	-	-
Flufenacet	µg/l	0.43	±	0.0434	-	-	0.056	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	-	-	0.0641	-	-
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	-	-	0.0268	-	-
Imidacloprid	µg/l	0.307	±	0.0287	-	-	0.0358	-	-
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	-	-	0.0518	-	-
Isoproturon	µg/l	0.301	±	0.0199	0.293	0.044	0.0303	97.2	-0.28
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.227	0.034	0.0161	95.9	-0.6
MCPB	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.116	0.017	0.0152	98.6	-0.11
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	-	-	0.0524	-	-
Metamitron	µg/l	0.51	±	0.0476	-	-	0.0673	-	-
Metazachlor	µg/l	0.26	±	0.00676	0.263	0.039	0.0093	101	0.32
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0001

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	-	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	-	-	0.0489	-	-
Metribuzin	µg/l	0.0895	±	0.00875	-	-	0.0113	-	-
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	1.26	0.189	0.276	137	1.23
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	-	-	0.0344	-	-
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	-	-	0.0194	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	-	-	0.00963	-	-
Terbuthylazin	µg/l	0.254	±	0.0165	0.244	0.037	0.0258	96.1	-0.38
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	-	-	0.0217	-	-
Thiamethoxam	µg/l	-	±	-	-	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	-	-	0.0931	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	-	-	0.0955	-	-
Triclopyr	µg/l	0.48	±	0.0503	-	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

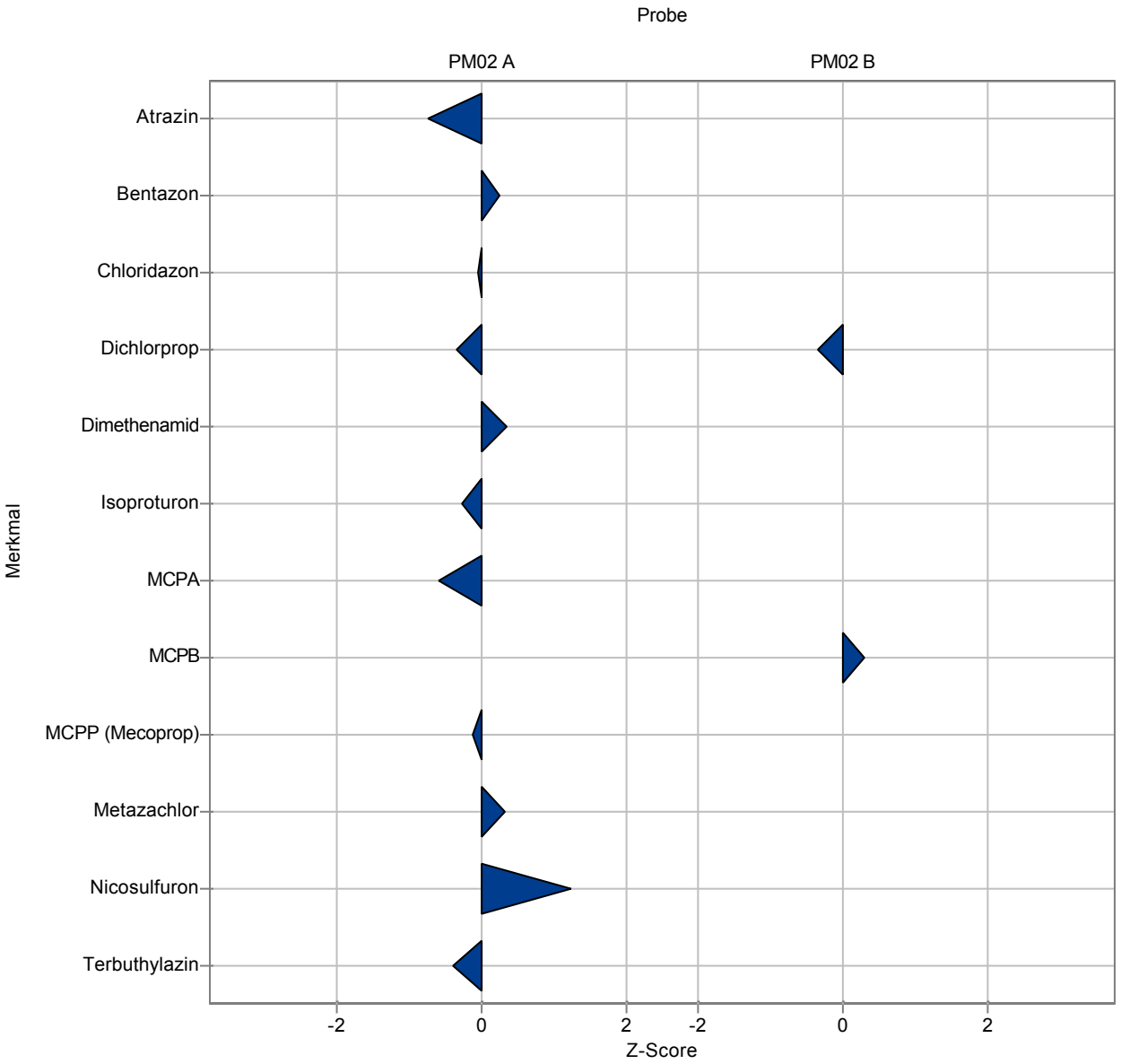
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	-	-	0.0227	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	-	-	0.192	-	-
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	-	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	-	-	-	-	-
Ampa	µg/l	0.715	±	0.159	-	-	0.175	-	-
Atrazin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	-	-	0.0228	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	-	-	0.0493	-	-
Azoxystrobin	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	-	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	-	-	0.225	-	-
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	-	-	0.0104	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	-	-	-	-	-
Dicamba	µg/l	-	±	-	-	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.214	0.032	0.023	96.5	-0.34
Dieldrin	µg/l	-	±	-	-	-	-	-	-
Dimethachlor	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	-	-	-	-	-
Ethofumesat	µg/l	-	±	-	-	-	-	-	-
Flufenacet	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	-	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	-	-	-	-	-
Imidacloprid	µg/l	-	±	-	-	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.499	0.075	0.0503	103	0.28
MCPP (Mecoprop)	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	-	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	-	-	0.0227	-	-
Metazachlor	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	-	-	0.441	-	-
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	-	-	0.233	-	-
Metolachlor	µg/l	-	±	-	-	-	-	-	-
Metribuzin	µg/l	-	±	-	-	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	-	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	-	-	0.0482	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	-	-	0.317	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	-	-	0.171	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	-	-	0.0417	-	-
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	-	-	0.0141	-	-
Thifensulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	-	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
Atrazin
Bentazon
Chloridazon
Dichlorprop
Dimethenamid
Isoproturon
MCPA
MCPB
MCPP (Mecoprop)
Metazachlor
Nicosulfuron
Terbuthylazin
-2
0
2
-2
0
2
Z-Score

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Laborcode: LC0002

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.28	0.056	0.0327	92.5	-0.69
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	-	-	0.0884	-	-
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	-	-	0.0838	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	-	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	-	-	0.0137	-	-
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	-	-	0.0226	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.1	0.02	0.0116	110	0.77
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	0.098	0.02	0.00756	112	1.42
Chloridazon-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	0.15	0.03	0.0162	92.6	-0.74
Dicamba	µg/l	0.683	±	0.0311	-	-	0.0328	-	-
Dichlorprop	µg/l	0.606	±	0.0444	0.64	0.13	0.0662	106	0.51
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	0.45	0.09	0.0453	104	0.39

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.54	0.11	0.0433	101	0.07
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.31	0.06	0.0287	105	0.53
Ethofumesat	µg/l	0.153	±	0.0132	0.16	0.032	0.0159	105	0.45
Flufenacet	µg/l	0.43	±	0.0434	0.49	0.1	0.056	114	1.08
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	-	-	0.0641	-	-
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	-	-	0.0268	-	-
Imidacloprid	µg/l	0.307	±	0.0287	0.31	0.062	0.0358	101	0.08
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	-	-	0.0518	-	-
Isoproturon	µg/l	0.301	±	0.0199	0.31	0.062	0.0303	103	0.28
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.22	0.044	0.0161	93	-1.03
MCPB	µg/l	-	±	-	-	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.12	0.024	0.0152	102	0.15
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	-	-	0.0524	-	-
Metamitron	µg/l	0.51	±	0.0476	0.58	0.11	0.0673	114	1.04
Metazachlor	µg/l	0.26	±	0.00676	0.27	0.054	0.0093	104	1.07
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0002

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	-	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.45	0.09	0.0489	112	0.96
Metribuzin	µg/l	0.0895	±	0.00875	-	-	0.0113	-	-
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	0.84	0.17	0.276	91.4	-0.28
Pethoxamid	µg/l	0.176	±	0.0111	0.18	0.036	0.0111	102	0.33
Propazin	µg/l	0.49	±	0.0258	-	-	0.0344	-	-
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	-	-	0.0194	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	-	-	0.00963	-	-
Terbuthylazin	µg/l	0.254	±	0.0165	-	-	0.0258	-	-
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.33	0.066	0.0217	112	1.59
Thiamethoxam	µg/l	-	±	-	<0.003 (BG)	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	-	-	0.0931	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	-	-	0.0955	-	-
Triclopyr	µg/l	0.48	±	0.0503	-	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

Probe: PM02B

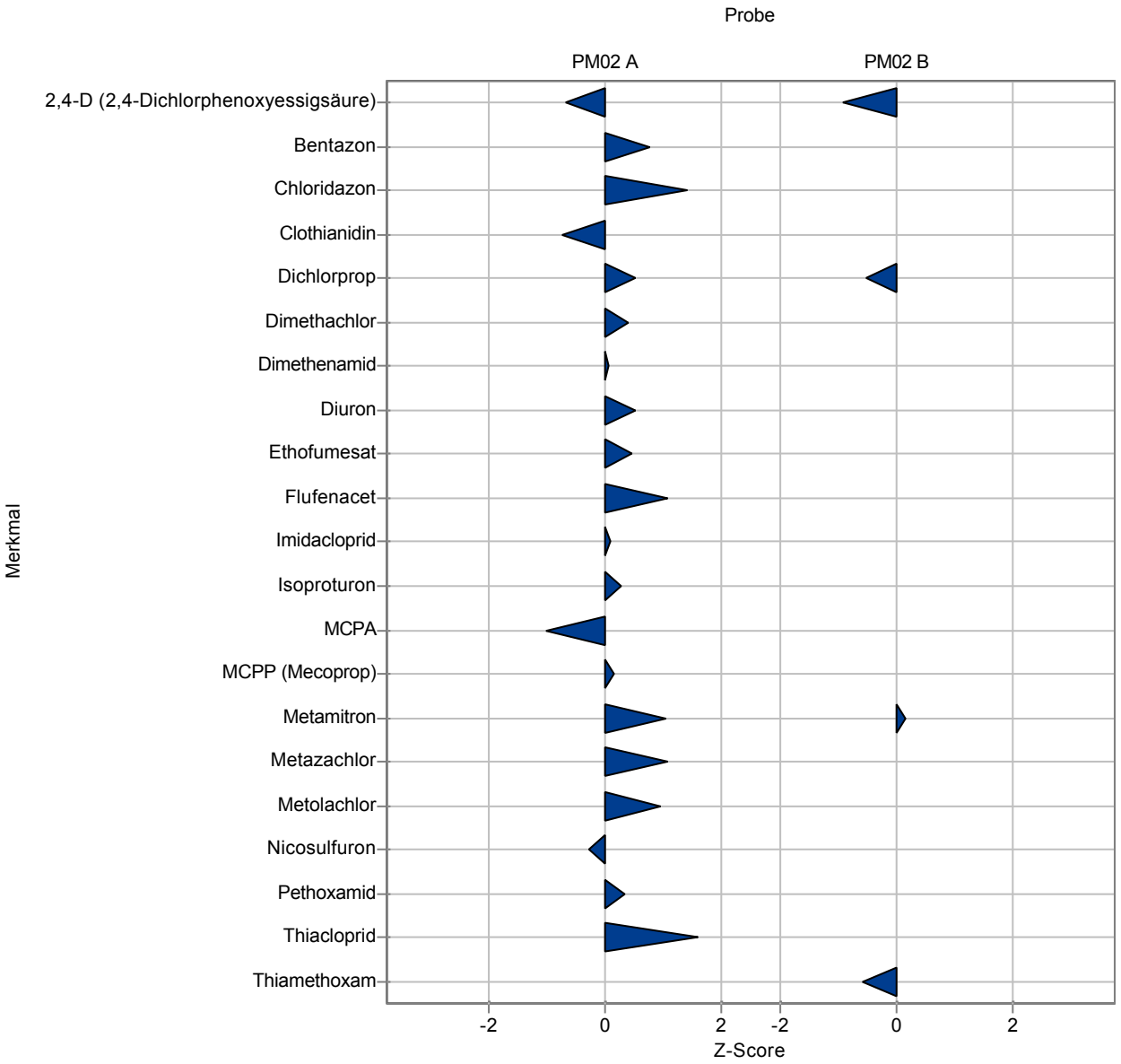
Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.17	0.034	0.0227	89	-0.93

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	-	-	0.192	-	-
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	-	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	-	-	-	-	-
Ampa	µg/l	0.715	±	0.159	-	-	0.175	-	-
Atrazin	µg/l	-	±	-	-	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	-	-	0.0228	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	-	-	0.0493	-	-
Azoxystrobin	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	-	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	-	-	0.225	-	-
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	-	-	0.0104	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	<0.003 (BG)	-	-	-	-
Dicamba	µg/l	-	±	-	-	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.21	0.042	0.023	94.7	-0.52
Dieldrin	µg/l	-	±	-	-	-	-	-	-
Dimethachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	-	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	-	-	-	-	-
Imidacloprid	µg/l	-	±	-	<0.001 (BG)	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	-	-	0.0503	-	-
MCPP (Mecoprop)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	-	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.16	0.032	0.0227	102	0.14
Metazachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	-	-	0.441	-	-
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	-	-	0.233	-	-
Metolachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0002

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	<0.003 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Propazin	µg/l	-	±	-	-	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	-	-	0.0482	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	-	-	0.317	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	-	-	0.171	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	-	-	0.0417	-	-
Thiacloprid	µg/l	-	±	-	<0.003 (BG)	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.12	0.024	0.0141	93.8	-0.57
Thifensulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	-	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
2,4-D (2,4-Dichlorphenoxyessigsäure)
Bentazon
Chloridazon
Clothianidin
Dichlorprop
Dimethachlor
Dimethenamid
Diuron
Ethofumesat
Flufenacet
Imidacloprid
Isoproturon
MCPA
MCPP (Mecoprop)
Metamitron
Metazachlor
Metolachlor
Nicosulfuron
Pethoxamid
Thiacloprid
Thiamethoxam
Merkmal
-2
0
2
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	-	-	0.0327	-	-
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.865	0.007	0.0884	98	-0.2
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.518	0.005	0.0838	104	0.21
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.155	0.002	0.0137	101	0.06
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	-	-	0.0226	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	-	-	0.0116	-	-
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	-	-	0.00756	-	-
Chloridazon-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	-	-	0.0162	-	-
Dicamba	µg/l	0.683	±	0.0311	-	-	0.0328	-	-
Dichlorprop	µg/l	0.606	±	0.0444	-	-	0.0662	-	-
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	-	-	0.0453	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	-	-	0.0433	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.092	0.001	0.0287	31.2	-7.06
Ethofumesat	µg/l	0.153	±	0.0132	-	-	0.0159	-	-
Flufenacet	µg/l	0.43	±	0.0434	-	-	0.056	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	0.384	0.004	0.0641	105	0.28
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	-	-	0.0268	-	-
Imidacloprid	µg/l	0.307	±	0.0287	-	-	0.0358	-	-
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	-	-	0.0518	-	-
Isoproturon	µg/l	0.301	±	0.0199	0.089	0.001	0.0303	29.5	-7.01
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	-	-	0.0161	-	-
MCPB	µg/l	-	±	-	-	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	-	-	0.0152	-	-
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	-	-	0.0524	-	-
Metamitron	µg/l	0.51	±	0.0476	-	-	0.0673	-	-
Metazachlor	µg/l	0.26	±	0.00676	-	-	0.0093	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0003

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	-	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.389	0.004	0.0489	96.5	-0.28
Metribuzin	µg/l	0.0895	±	0.00875	-	-	0.0113	-	-
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	-	-	0.276	-	-
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	0.496	0.005	0.0344	101	0.17
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	-	-	0.0194	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.163	0.002	0.00963	133	4.19
Terbuthylazin	µg/l	0.254	±	0.0165	0.221	0.002	0.0258	87	-1.27
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	-	-	0.0217	-	-
Thiamethoxam	µg/l	-	±	-	-	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	-	-	0.0931	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	-	-	0.0955	-	-
Triclopyr	µg/l	0.48	±	0.0503	-	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	-	-	0.0227	-	-

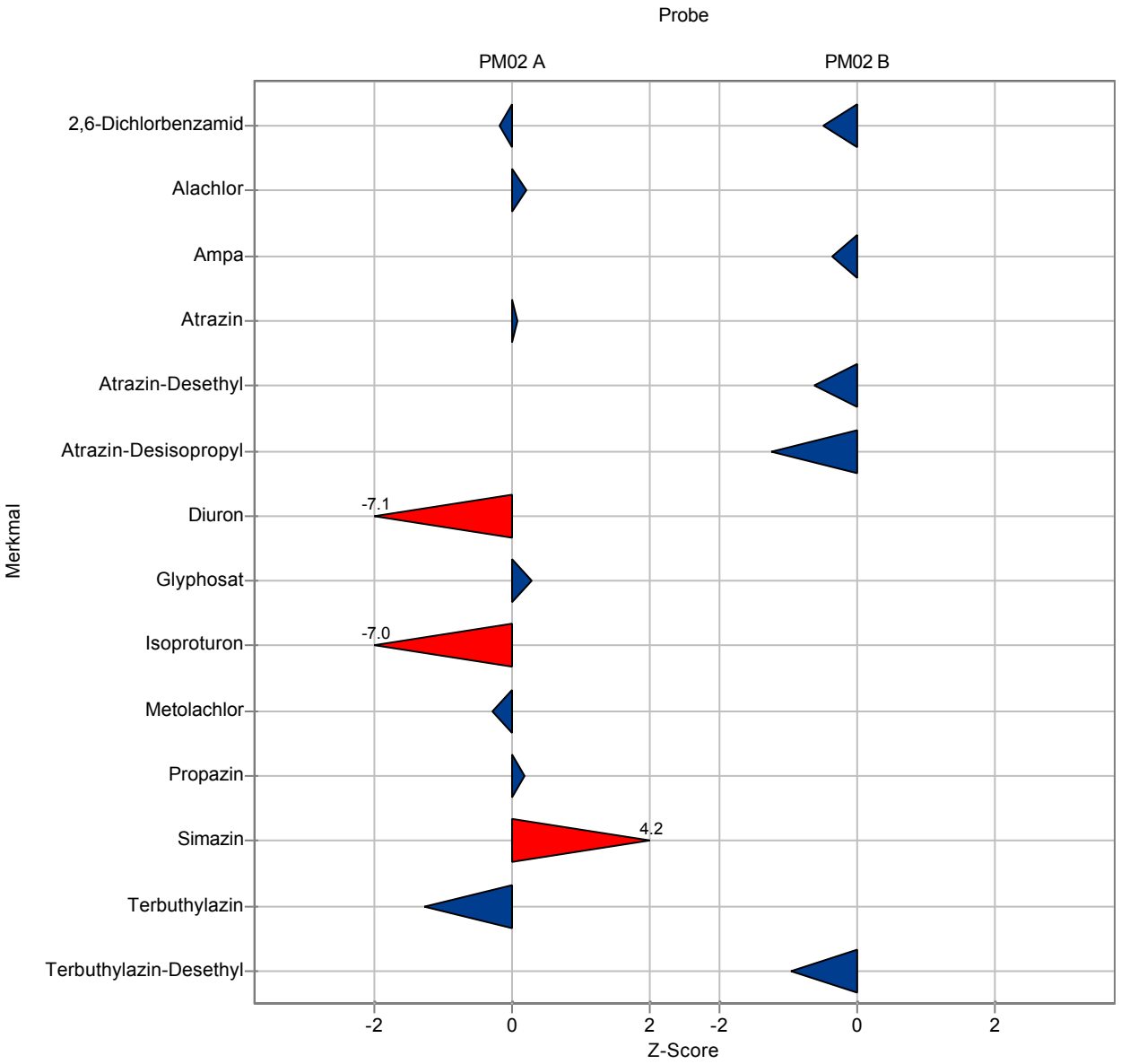
Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.44	0.023	0.192	96.3	-0.49
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	-	-	-	-	-
Ampa	µg/l	0.715	±	0.159	0.651	0.007	0.175	91	-0.37
Atrazin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.198	0.002	0.0228	93.3	-0.63
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.399	0.004	0.0493	86.8	-1.23
Azoxystrobin	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	-	-	-	-	-
Bromacil	µg/l	-	±	-	-	-	-	-	-
Chloridazon	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	-	-	0.225	-	-
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	-	-	0.0104	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	-	-	-	-	-
Dicamba	µg/l	-	±	-	-	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	-	-	0.023	-	-
Dieldrin	µg/l	-	±	-	-	-	-	-	-
Dimethachlor	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	-	-	-	-	-
Flufenacet	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	-	-	-	-	-
Imidacloprid	µg/l	-	±	-	-	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	-	-	-	-	-
MCPB	µg/l	0.485	±	0.039	-	-	0.0503	-	-
MCPP (Mecoprop)	µg/l	-	±	-	-	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	-	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	-	-	0.0227	-	-
Metazachlor	µg/l	-	±	-	-	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	-	-	0.441	-	-
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	-	-	0.233	-	-
Metolachlor	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	-	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	-	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	-	-	0.0482	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	-	-	0.317	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	-	-	0.171	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.465	0.005	0.0417	92.2	-0.95
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	-	-	0.0141	-	-
Thifensulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	-	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
2,6-Dichlorbenzamid
Alachlor
Ampa
Atrazin
Atrazin-Desethyl
Atrazin-Desisopropyl
Diuron
Glyphosat
Isoproturon
Metolachlor
Propazin
Simazin
Terbuthylazin
Terbuthylazin-Desethyl
Merkmal
-7.1
-7.0
4.2
-2
0
2
-2
0
2
Z-Score

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Laborcode: LC0004

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.296	0.02	0.0327	97.8	-0.2
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	-	-	0.0884	-	-
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.563	0.03	0.0838	113	0.75
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	0.042	0.007	0.00855	111	0.47
Ampa	µg/l	-	±	-	-	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	-	-	0.0137	-	-
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.118	0.01	0.0226	83.5	-1.03
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.096	0.005	0.0116	105	0.43
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	-	-	0.00756	-	-
Chloridazon-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	-	-	0.0162	-	-
Dicamba	µg/l	0.683	±	0.0311	0.686	0.04	0.0328	100	0.08
Dichlorprop	µg/l	0.606	±	0.0444	0.625	0.03	0.0662	103	0.28
Dieldrin	µg/l	0.06	±	0.0154	0.075	0.005	0.0163	125	0.92
Dimethachlor	µg/l	0.432	±	0.0351	0.51	0.03	0.0453	118	1.72

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	0.412	0.05	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.513	0.03	0.0433	95.5	-0.56
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	-	-	0.0287	-	-
Ethofumesat	µg/l	0.153	±	0.0132	0.127	0.02	0.0159	83.1	-1.63
Flufenacet	µg/l	0.43	±	0.0434	-	-	0.056	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	-	-	0.0641	-	-
Heptachlor	µg/l	0.0486	±	0.0266	0.074	0.005	0.0281	152	0.91
Heptachlorepoxid	µg/l	-	±	-	0.018	0.003	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	-	-	0.0268	-	-
Imidacloprid	µg/l	0.307	±	0.0287	-	-	0.0358	-	-
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	-	-	0.0518	-	-
Isoproturon	µg/l	0.301	±	0.0199	-	-	0.0303	-	-
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.245	0.01	0.0161	104	0.52
MCPB	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.124	0.01	0.0152	105	0.42
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	0.6	0.03	0.0524	113	1.28
Metamitron	µg/l	0.51	±	0.0476	-	-	0.0673	-	-
Metazachlor	µg/l	0.26	±	0.00676	0.316	0.02	0.0093	122	6.02
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0004

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	-	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.495	0.03	0.0489	123	1.88
Metribuzin	µg/l	0.0895	±	0.00875	0.093	0.01	0.0113	104	0.31
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	0.468	0.03	0.276	50.9	-1.63
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	-	-	0.0344	-	-
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.145	0.01	0.0194	95.6	-0.35
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	-	-	0.00963	-	-
Terbuthylazin	µg/l	0.254	±	0.0165	-	-	0.0258	-	-
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	-	-	0.0217	-	-
Thiamethoxam	µg/l	-	±	-	-	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.766	0.05	0.0931	100	0.01
Tolylfluanid	µg/l	-	±	-	0.445	0.02	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	0.316	0.02	0.0955	206	1.7
Triclopyr	µg/l	0.48	±	0.0503	0.482	0.02	0.0531	100	0.04
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.184	0.015	0.0227	96.3	-0.31

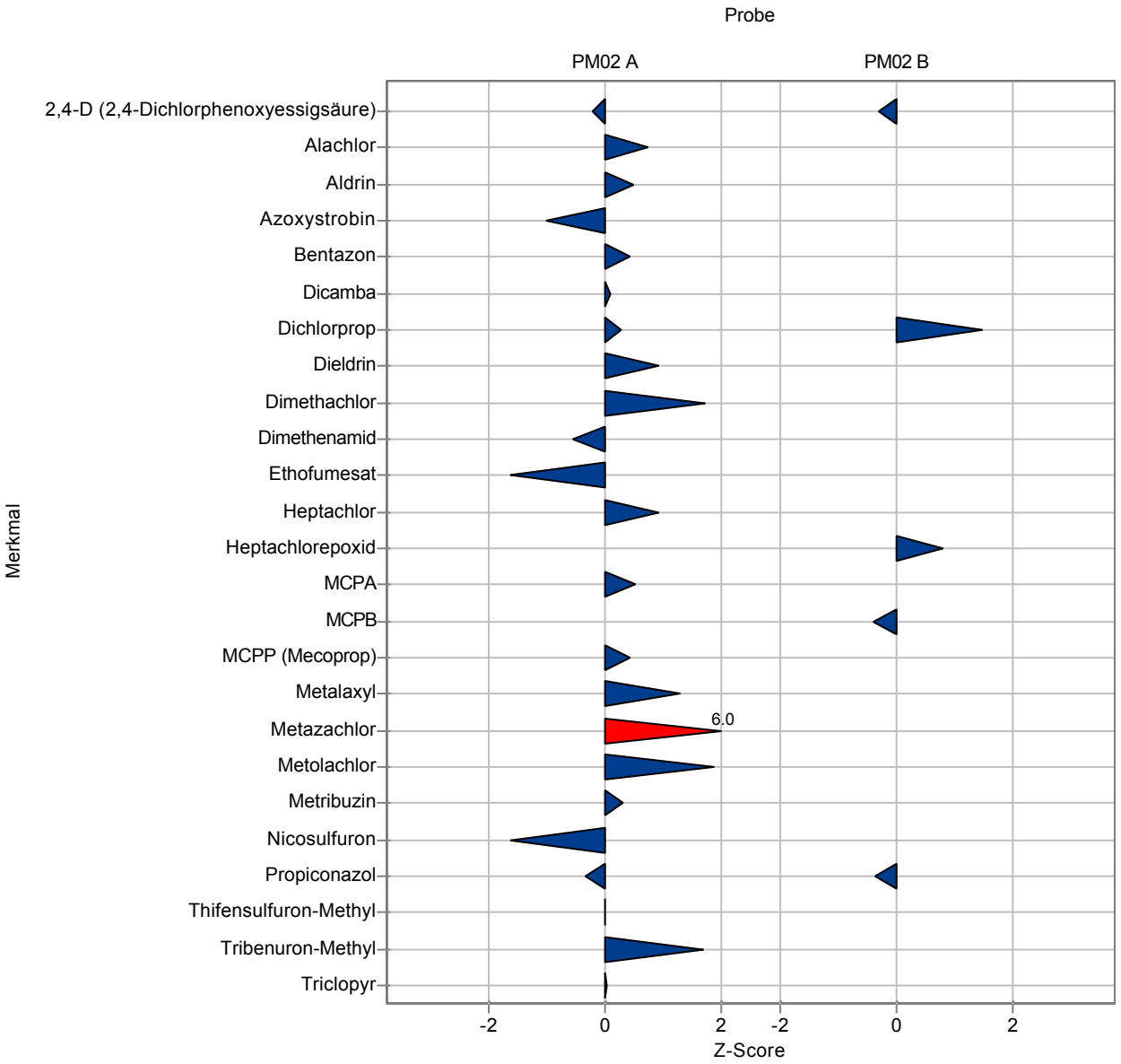
Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	-	-	0.192	-	-
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Ampa	µg/l	0.715	±	0.159	-	-	0.175	-	-
Atrazin	µg/l	-	±	-	-	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	-	-	0.0228	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	-	-	0.0493	-	-
Azoxystrobin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	-	-	-	-	-
Chloridazon	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	-	-	0.225	-	-
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	-	-	0.0104	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	-	-	-	-	-
Dicamba	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.256	0.02	0.023	115	1.49
Dieldrin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Dimethachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	0.733	0.05	-	-	-
Dimethenamid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	-	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Flufenacet	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	-	-	-	-	-
Heptachlor	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	0.2	0.01	0.0196	108	0.79
Hexazinon	µg/l	-	±	-	-	-	-	-	-
Imidacloprid	µg/l	-	±	-	-	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	-	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.465	0.02	0.0503	95.9	-0.39
MCPP (Mecoprop)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	-	-	0.0227	-	-
Metazachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	-	-	0.441	-	-
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	-	-	0.233	-	-
Metolachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0004

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	-	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	0.345	0.02	0.0482	95	-0.37
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	-	-	0.317	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	-	-	0.171	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	-	-	0.0417	-	-
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	-	-	0.0141	-	-
Thifensulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Tolylfluanid	µg/l	-	±	-	0.414	0.02	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Triclopyr	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
2,4-D (2,4-Dichlorphenoxyessigsäure)
Alachlor
Aldrin
Azoxystrobin
Bentazon
Dicamba
Dichlorprop
Dieldrin
Dimethachlor
Dimethenamid
Ethofumesat
Heptachlor
Heptachlorepoxid
MCPA
MCPB
MCPP (Mecoprop)
Metalaxyl
Metazachlor
6.0
Metolachlor
Metribuzin
Nicosulfuron
Propiconazol
Thifensulfuron-Methyl
Tribenuron-Methyl
Triclopyr
Merkmal
-2
0
2
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.303	0.0454	0.0327	100	0.01
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	1.01	0.244	0.0884	114	1.44
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.364	0.127	0.0838	72.7	-1.63
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	0.047	0.00586	0.00855	124	1.06
Ampa	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.178	0.0606	0.0137	115	1.74
Atrazin-2-Hydroxy	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.154	0.0386	0.0226	109	0.56
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.102	0.0143	0.0116	112	0.94
Bromacil	µg/l	0.164	±	0.0144	0.182	0.0418	0.0152	111	1.2
Chloridazon	µg/l	0.0873	±	0.00567	0.0881	0.0123	0.00756	101	0.11
Chloridazon-Desphenyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	0.268	0.0804	0.0718	76.4	-1.15
Clothianidin	µg/l	0.162	±	0.0146	0.176	0.0511	0.0162	109	0.86
Dicamba	µg/l	0.683	±	0.0311	0.704	0.169	0.0328	103	0.63
Dichlorprop	µg/l	0.606	±	0.0444	0.641	0.103	0.0662	106	0.52
Dieldrin	µg/l	0.06	±	0.0154	0.0629	0.0084	0.0163	105	0.18
Dimethachlor	µg/l	0.432	±	0.0351	0.454	0.0998	0.0453	105	0.48

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0005

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.634	0.114	0.0433	118	2.24
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.302	0.0544	0.0287	102	0.25
Ethofumesat	µg/l	0.153	±	0.0132	0.158	0.0568	0.0159	103	0.33
Flufenacet	µg/l	0.43	±	0.0434	0.454	0.0908	0.056	106	0.43
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	0.122	0.0598	0.0434	82.3	-0.6
Glyphosat	µg/l	0.366	±	0.0555	0.392	0.122	0.0641	107	0.4
Heptachlor	µg/l	0.0486	±	0.0266	0.0635	0.0136	0.0281	131	0.53
Heptachlorepoxid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.245	0.0393	0.0268	111	0.94
Imidacloprid	µg/l	0.307	±	0.0287	0.29	0.11	0.0358	94.4	-0.48
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	0.347	0.104	0.0518	85.6	-1.12
Isoproturon	µg/l	0.301	±	0.0199	0.335	0.0771	0.0303	111	1.11
Isoproturon-Desmethyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.237	0.0237	0.0161	100	0.02
MCPB	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.113	0.0216	0.0152	96.1	-0.3
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	0.261	0.0444	0.0241	115	1.38
Metalaxyl	µg/l	0.533	±	0.0393	0.598	0.156	0.0524	112	1.24
Metamitron	µg/l	0.51	±	0.0476	0.489	0.142	0.0673	95.9	-0.31
Metazachlor	µg/l	0.26	±	0.00676	0.264	0.037	0.0093	102	0.42
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	<0.05 (BG)	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0005

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.449	0.0763	0.0489	111	0.94
Metribuzin	µg/l	0.0895	±	0.00875	0.103	0.0206	0.0113	115	1.19
Metribuzin-Desamino	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	0.252	0.0505	0.0362	99.2	-0.06
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	0.82	0.353	0.276	89.3	-0.36
Pethoxamid	µg/l	0.176	±	0.0111	0.185	0.0396	0.0111	105	0.78
Propazin	µg/l	0.49	±	0.0258	0.536	0.0751	0.0344	109	1.33
Propazin-2-Hydroxy	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.185	0.048	0.0194	122	1.71
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.131	0.0262	0.00963	107	0.87
Terbuthylazin	µg/l	0.254	±	0.0165	0.283	0.0537	0.0258	111	1.13
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.328	0.046	0.0217	111	1.5
Thiamethoxam	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.861	0.172	0.0931	113	1.03
Tolylfluanid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	0.097	0.0428	0.0955	63.1	-0.59
Triclopyr	µg/l	0.48	±	0.0503	0.438	0.092	0.0531	91.2	-0.79
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	0.369	0.0811	0.15	90.8	-0.25
Tritosulfuron	µg/l	-	±	-	0.692	0.138	-	-	-

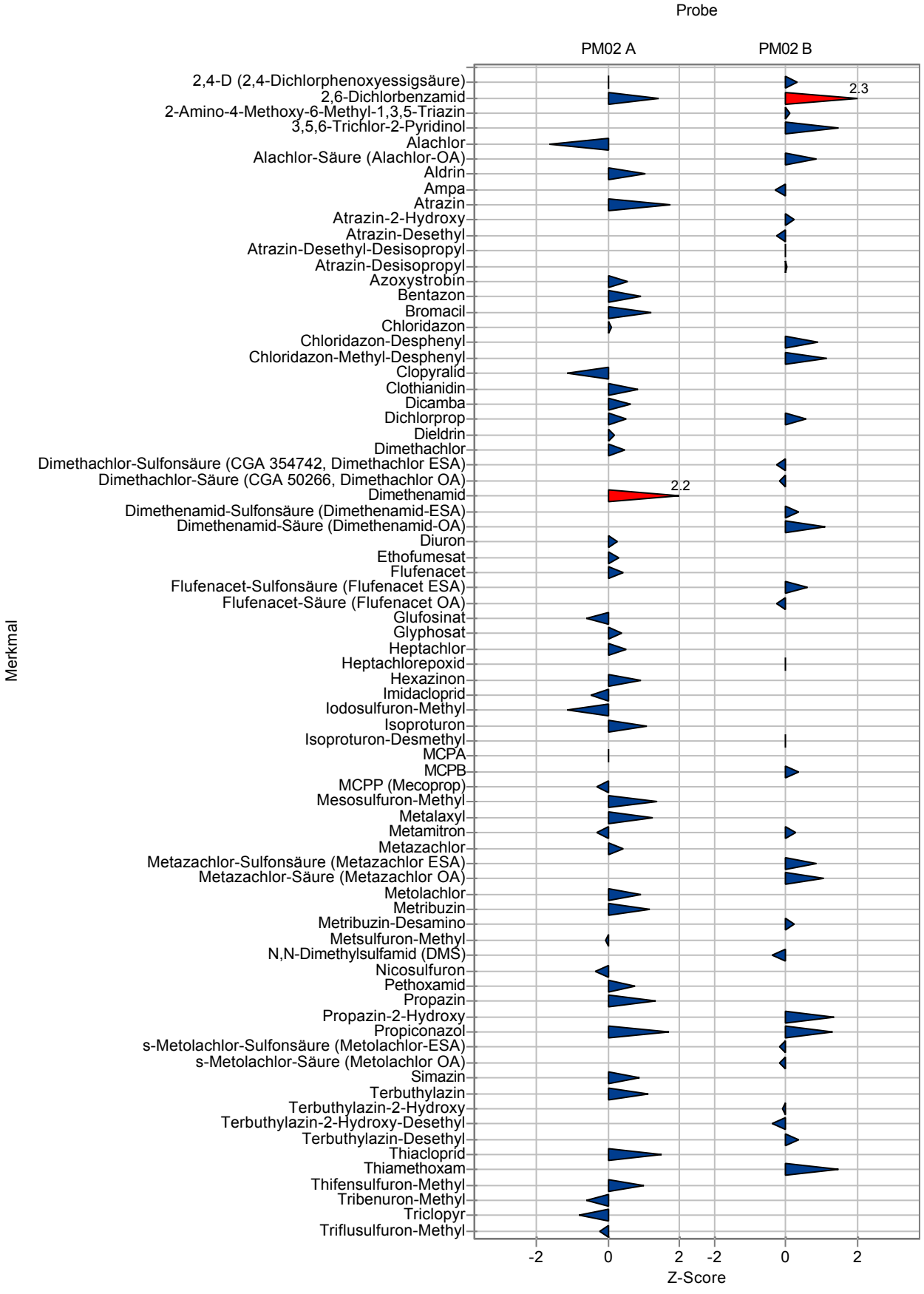
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.198	0.0297	0.0227	104	0.3

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.97	0.712	0.192	117	2.27
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	0.183	0.0457	0.0143	101	0.09
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	0.627	0.219	0.149	155	1.48
Alachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	2.85	0.627	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	0.52	0.114	0.0533	110	0.85
Aldrin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Ampa	µg/l	0.715	±	0.159	0.659	0.152	0.175	92.1	-0.32
Atrazin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	1.56	0.327	0.153	103	0.25
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.206	0.0412	0.0228	97	-0.28
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	0.872	0.384	0.18	100	0.00
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.461	0.0922	0.0493	100	0.02
Azoxystrobin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	0.72	0.137	-	-	-
Bentazon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	3.31	0.728	0.225	106	0.88
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	0.127	0.019	0.0104	110	1.13
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	3.17	1.24	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	1.76	0.493	-	-	-
Clopyralid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Clothianidin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Dicamba	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.235	0.0376	0.023	106	0.57
Dieldrin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethachlor	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	0.449	0.0628	0.0516	97.2	-0.25
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	0.192	0.0403	0.0429	95.9	-0.19

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	0.119	0.0286	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	0.618	0.142	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	0.98	0.255	0.197	108	0.35
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	0.434	0.0739	0.0574	117	1.1
Diuron	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	0.908	0.2	0.176	114	0.62
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	0.169	0.0304	0.0771	88.7	-0.28
Glufosinat	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Glyphosat	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Heptachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	0.184	0.0242	0.0196	99.7	-0.03
Hexazinon	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	0.147	0.0264	0.0104	99.8	-0.03
MCPA	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.503	0.106	0.0503	104	0.36
MCPP (Mecoprop)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.163	0.0471	0.0227	104	0.28
Metazachlor	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	3.14	0.629	0.441	114	0.85
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	1.57	0.315	0.233	119	1.07
Metolachlor	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	0.263	0.0263	0.0305	103	0.23
Metsulfuron-Methyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	0.99	0.297	0.205	92.8	-0.38
Nicosulfuron	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Propazin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	0.23	0.053	0.0183	112	1.37
Propiconazol	µg/l	0.363	±	0.0362	0.427	0.111	0.0482	118	1.33
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	2.69	0.431	0.317	97.9	-0.18
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	1.06	0.295	0.171	97.1	-0.18
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	0.363	0.0654	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	0.386	0.162	-	-	-
Simazin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	0.201	0.0221	0.0244	98.7	-0.11
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	0.114	0.025	0.0209	93.3	-0.39
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.519	0.0778	0.0417	103	0.35
Thiacloprid	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.149	0.0299	0.0141	116	1.49
Thifensulfuron-Methyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Tolylfluanid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Triclopyr	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Tritosulfuron	µg/l	-	±	-	<0.05 (BG)	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin
3,5,6-Trichlor-2-Pyridinol
Alachlor
Alachlor-Säure (Alachlor-OA)
Aldrin
Ampa
Atrazin
Atrazin-2-Hydroxy
Atrazin-Desethyl
Atrazin-Desethyl-Desisopropyl
Atrazin-Desisopropyl
Azoxystrobin
Bentazon
Bromacil
Chloridazon
Chloridazon-Desphenyl
Chloridazon-Methyl-Desphenyl
Clopyralid
Clothianidin
Dicamba
Dichlorprop
Dieldrin
Dimethachlor
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)
Dimethenamid
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)
Dimethenamid-Säure (Dimethenamid-OA)
Diuron
Ethofumesat
Flufenacet
Flufenacet-Sulfonsäure (Flufenacet ESA)
Flufenacet-Säure (Flufenacet OA)
Glufosinat
Glyphosat
Heptachlor
Heptachlorepoxid
Hexazinon
Imidacloprid
Iodosulfuron-Methyl
Isoproturon
Isoproturon-Desmethyl
MCPA
MCPB
MCPP (Mecoprop)
Mesosulfuron-Methyl
Metalaxyl
Metamitron
Metazachlor
Metazachlor-Sulfonsäure (Metazachlor ESA)
Metazachlor-Säure (Metazachlor OA)
Metolachlor
Metribuzin
Metribuzin-Desamino
Metsulfuron-Methyl
N,N-Dimethylsulfamid (DMS)
Nicosulfuron
Pethoxamid
Propazin
Propazin-2-Hydroxy
Propiconazol
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
s-Metolachlor-Säure (Metolachlor OA)
Simazin
Terbuthylazin
Terbuthylazin-2-Hydroxy
Terbuthylazin-2-Hydroxy-Desethyl
Terbuthylazin-Desethyl
Thiacloprid
Thiamethoxam
Thifensulfuron-Methyl
Tribenuron-Methyl
Triclopyr
Triflusulfuron-Methyl
2.3
2.2
-2
0
2
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.311	0.02	0.0327	103	0.26
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.92	0.034	0.0884	104	0.42
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.6604	0.0415	0.0838	132	1.91
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	0.1027	0.0021	0.00855	271	7.57
Ampa	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.159	0.02	0.0137	103	0.35
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	-	-	0.0226	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.091	0.032	0.0116	100	0.00
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	-	-	0.00756	-	-
Chloridazon-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	0.171	0.014	0.0162	106	0.56
Dicamba	µg/l	0.683	±	0.0311	0.664	0.117	0.0328	97.2	-0.59
Dichlorprop	µg/l	0.606	±	0.0444	0.589	0.02	0.0662	97.1	-0.26
Dieldrin	µg/l	0.06	±	0.0154	0.1258	0.0033	0.0163	210	4.05
Dimethachlor	µg/l	0.432	±	0.0351	-	-	0.0453	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	-	-	0.0433	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.32	0.021	0.0287	109	0.88
Ethofumesat	µg/l	0.153	±	0.0132	-	-	0.0159	-	-
Flufenacet	µg/l	0.43	±	0.0434	-	-	0.056	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	0.126	0.004	0.0434	85	-0.51
Glyphosat	µg/l	0.366	±	0.0555	0.297	0.022	0.0641	81.1	-1.08
Heptachlor	µg/l	0.0486	±	0.0266	0.0864	0.0042	0.0281	178	1.35
Heptachlorepoxid	µg/l	-	±	-	<0.015 (BG)	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.202	0.001	0.0268	91.9	-0.66
Imidacloprid	µg/l	0.307	±	0.0287	-	-	0.0358	-	-
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	-	-	0.0518	-	-
Isoproturon	µg/l	0.301	±	0.0199	-	-	0.0303	-	-
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.255	0.1	0.0161	108	1.14
MCPB	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.116	0.002	0.0152	98.6	-0.11
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	-	-	0.0524	-	-
Metamitron	µg/l	0.51	±	0.0476	-	-	0.0673	-	-
Metazachlor	µg/l	0.26	±	0.00676	-	-	0.0093	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0006

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	-	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	-	-	0.0489	-	-
Metribuzin	µg/l	0.0895	±	0.00875	-	-	0.0113	-	-
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	-	-	0.276	-	-
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	-	-	0.0344	-	-
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	-	-	0.0194	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.12	0.025	0.00963	97.9	-0.27
Terbuthylazin	µg/l	0.254	±	0.0165	0.265	0.01	0.0258	104	0.43
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	-	-	0.0217	-	-
Thiamethoxam	µg/l	-	±	-	-	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	-	-	0.0931	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	-	-	0.0955	-	-
Triclopyr	µg/l	0.48	±	0.0503	-	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

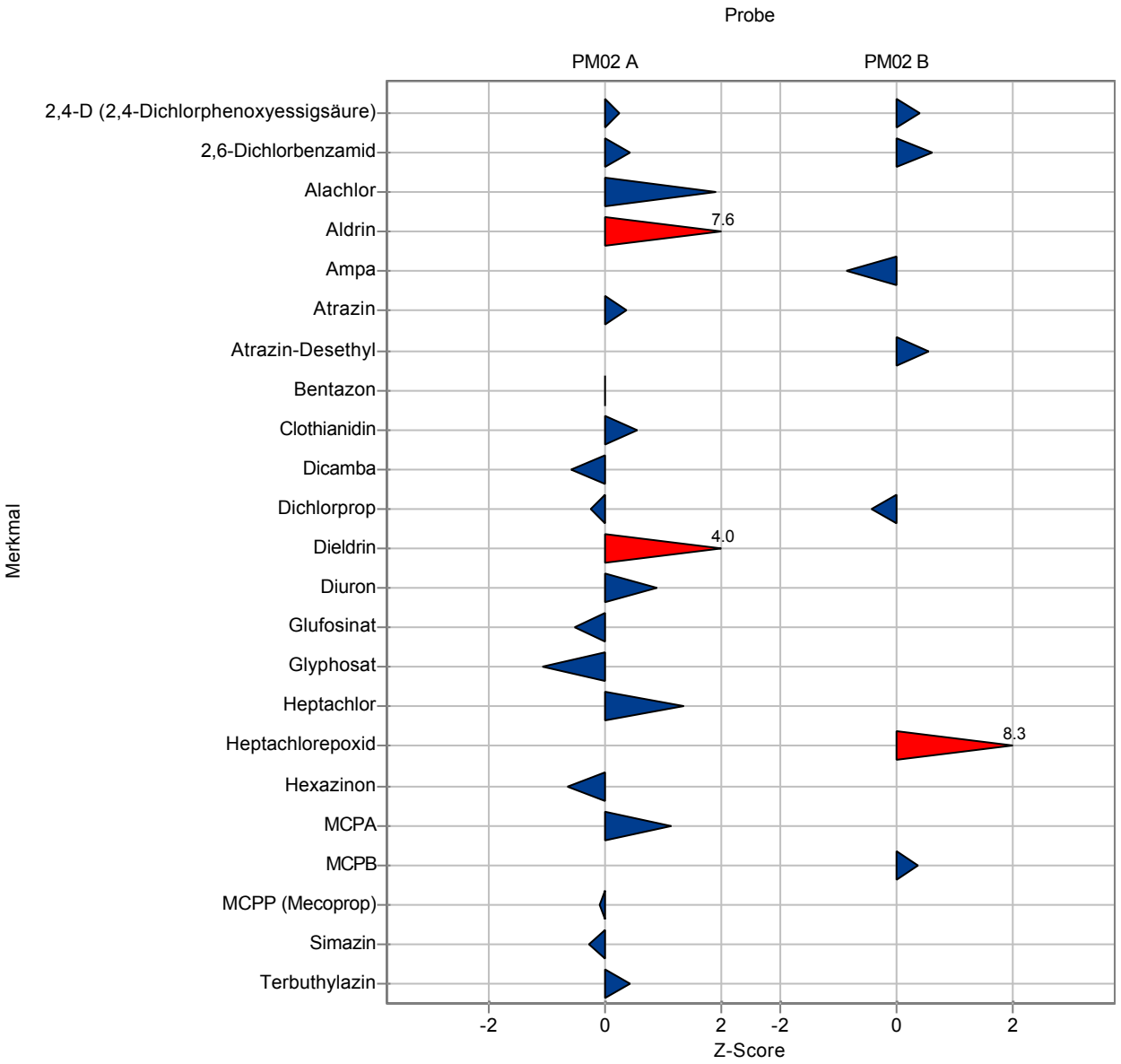
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.2	0.008	0.0227	105	0.39

Parameter	Einheit	Sollwert	± VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)								
2,6-Dichlorbenzamid	µg/l	2.53	± 0.132	2.652	0.021	0.192	105	0.61
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	± 0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	± 0.183	-	-	0.149	-	-
Alachlor	µg/l	-	± -	0.0043	0.0021	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	± -	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	± 0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	± -	0.0022	0.0004	-	-	-
Ampa	µg/l	0.715	± 0.159	0.567	0.02	0.175	79.3	-0.85
Atrazin	µg/l	-	± -	<0.01 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	± 0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	± 0.0153	0.225	0.019	0.0228	106	0.56
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	± 0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	± 0.0348	-	-	0.0493	-	-
Azoxystrobin	µg/l	-	± -	-	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	± -	-	-	-	-	-
Bentazon	µg/l	-	± -	<0.02 (BG)	-	-	-	-
Bromacil	µg/l	-	± -	-	-	-	-	-
Chloridazon	µg/l	-	± -	-	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	± 0.194	-	-	0.225	-	-
Chloridazon-Methyl-Desphenyl	µg/l	0.115	± 0.00942	-	-	0.0104	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	± -	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	± -	-	-	-	-	-
Clopyralid	µg/l	-	± -	-	-	-	-	-
Clothianidin	µg/l	-	± -	<0.02 (BG)	-	-	-	-
Dicamba	µg/l	-	± -	<0.02 (BG)	-	-	-	-
Dichlorprop	µg/l	0.222	± 0.0162	0.212	0.009	0.023	95.6	-0.43
Dieldrin	µg/l	-	± -	<0.015 (BG)	-	-	-	-
Dimethachlor	µg/l	-	± -	-	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	± 0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	± 0.0487	-	-	0.0429	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	-	-	-	-	-
Flufenacet	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Glyphosat	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Heptachlor	µg/l	-	±	-	0.0015	0.0002	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	0.3471	0.0138	0.0196	188	8.3
Hexazinon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	-	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	-	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.504	0.022	0.0503	104	0.38
MCPP (Mecoprop)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	-	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	-	-	0.0227	-	-
Metazachlor	µg/l	-	±	-	-	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	-	-	0.441	-	-
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	-	-	0.233	-	-
Metolachlor	µg/l	-	±	-	-	-	-	-	-
Metribuzin	µg/l	-	±	-	-	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	-	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	-	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	-	-	0.0482	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	-	-	0.317	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	-	-	0.171	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	-	-	0.0417	-	-
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	-	-	0.0141	-	-
Thifensulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	-	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
Alachlor
Aldrin
Ampa
Atrazin
Atrazin-Desethyl
Bentazon
Clothianidin
Dicamba
Dichlorprop
Dieldrin
Diuron
Glufosinat
Glyphosat
Heptachlor
Heptachlorepoxid
Hexazinon
MCPA
MCPB
MCPP (Mecoprop)
Simazin
Terbuthylazin
7.6
4.0
8.3
Merkmal
-2
0
2
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.277	0.097	0.0327	91.5	-0.78
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.78	0.269	0.0884	88.4	-1.16
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	0.038	0.013	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	0.099	0.035	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.428	0.15	0.0838	85.5	-0.86
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	0.035	0.012	0.00855	92.2	-0.34
Ampa	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.134	0.047	0.0137	86.9	-1.47
Atrazin-2-Hydroxy	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.117	0.041	0.0226	82.8	-1.08
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.09	0.031	0.0116	98.9	-0.09
Bromacil	µg/l	0.164	±	0.0144	0.16	0.056	0.0152	97.7	-0.24
Chloridazon	µg/l	0.0873	±	0.00567	0.081	0.028	0.00756	92.8	-0.83
Chloridazon-Desphenyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	0.323	0.113	0.0718	92.1	-0.39
Clothianidin	µg/l	0.162	±	0.0146	0.155	0.054	0.0162	95.7	-0.43
Dicamba	µg/l	0.683	±	0.0311	0.699	0.245	0.0328	102	0.48
Dichlorprop	µg/l	0.606	±	0.0444	0.624	0.218	0.0662	103	0.27
Dieldrin	µg/l	0.06	±	0.0154	0.068	0.024	0.0163	113	0.49
Dimethachlor	µg/l	0.432	±	0.0351	0.401	0.14	0.0453	92.8	-0.69

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.506	0.177	0.0433	94.2	-0.72
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.283	0.099	0.0287	96	-0.41
Ethofumesat	µg/l	0.153	±	0.0132	0.149	0.052	0.0159	97.5	-0.24
Flufenacet	µg/l	0.43	±	0.0434	0.347	0.122	0.056	80.7	-1.48
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	0.135	0.054	0.0434	91	-0.31
Glyphosat	µg/l	0.366	±	0.0555	0.328	0.131	0.0641	89.6	-0.59
Heptachlor	µg/l	0.0486	±	0.0266	0.042	0.015	0.0281	86.4	-0.23
Heptachlorepoxid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.204	0.072	0.0268	92.8	-0.59
Imidacloprid	µg/l	0.307	±	0.0287	0.285	0.1	0.0358	92.7	-0.62
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	0.367	0.129	0.0518	90.6	-0.74
Isoproturon	µg/l	0.301	±	0.0199	0.265	0.093	0.0303	87.9	-1.2
Isoproturon-Desmethyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.232	0.081	0.0161	98	-0.29
MCPB	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.108	0.038	0.0152	91.8	-0.63
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	0.203	0.071	0.0241	89.1	-1.03
Metalaxyl	µg/l	0.533	±	0.0393	0.478	0.167	0.0524	89.7	-1.05
Metamitron	µg/l	0.51	±	0.0476	0.469	0.164	0.0673	91.9	-0.61
Metazachlor	µg/l	0.26	±	0.00676	0.25	0.087	0.0093	96.1	-1.08
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0007

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.383	0.134	0.0489	95	-0.41
Metribuzin	µg/l	0.0895	±	0.00875	0.088	0.031	0.0113	98.3	-0.14
Metribuzin-Desamino	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	0.228	0.08	0.0362	89.7	-0.72
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	0.785	0.328	0.276	85.5	-0.48
Pethoxamid	µg/l	0.176	±	0.0111	0.159	0.056	0.0111	90.2	-1.56
Propazin	µg/l	0.49	±	0.0258	0.501	0.175	0.0344	102	0.31
Propazin-2-Hydroxy	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.137	0.048	0.0194	90.3	-0.76
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.111	0.039	0.00963	90.5	-1.2
Terbuthylazin	µg/l	0.254	±	0.0165	0.205	0.072	0.0258	80.7	-1.89
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.275	0.096	0.0217	93.1	-0.94
Thiamethoxam	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.737	0.262	0.0931	96.3	-0.3
Tolylfluanid	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	0.187	0.066	0.0955	122	0.35
Triclopyr	µg/l	0.48	±	0.0503	0.452	0.158	0.0531	94.2	-0.53
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	0.385	0.135	0.15	94.7	-0.14
Tritosulfuron	µg/l	-	±	-	0.612	0.208	-	-	-

Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.18	0.063	0.0227	94.2	-0.49

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.237	0.781	0.192	88.3	-1.55
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	0.159	0.056	0.0143	87.5	-1.59
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	0.474	0.166	0.149	117	0.46
Alachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	2.838	1.135	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	0.444	0.178	0.0533	93.6	-0.57
Aldrin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Ampa	µg/l	0.715	±	0.159	0.694	0.278	0.175	97	-0.12
Atrazin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	1.432	0.489	0.153	94.1	-0.58
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.194	0.068	0.0228	91.4	-0.8
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	0.642	0.194	0.18	73.6	-1.28
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.425	0.149	0.0493	92.4	-0.71
Azoxystrobin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	0.858	0.343	-	-	-
Bentazon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	3.26	1.304	0.225	105	0.66
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	0.114	0.046	0.0104	98.9	-0.12
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	2.867	1.147	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	1.934	0.774	-	-	-
Clopyralid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Clothianidin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dicamba	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.191	0.067	0.023	86.1	-1.34
Dieldrin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	0.4	0.16	0.0516	86.6	-1.2
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	0.169	0.067	0.0429	84.4	-0.73

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	0.09	0.036	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	0.405	0.162	-	-	-
Dimethenamid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	0.801	0.32	0.197	87.9	-0.56
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	0.363	0.145	0.0574	97.9	-0.14
Diuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	0.698	0.279	0.176	87.3	-0.58
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	0.235	0.094	0.0771	123	0.58
Glufosinat	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Glyphosat	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Heptachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	0.189	0.066	0.0196	102	0.23
Hexazinon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	0.139	0.049	0.0104	94.4	-0.79
MCPA	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.473	0.166	0.0503	97.6	-0.23
MCPP (Mecoprop)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.15	0.053	0.0227	95.7	-0.3
Metazachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	2.394	0.958	0.441	86.5	-0.84
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	1.123	0.449	0.233	85	-0.85
Metolachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0007

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	0.206	0.072	0.0305	80.5	-1.64
Metsulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	1.068	0.427	0.205	100	0.01
Nicosulfuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Propazin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	0.187	0.065	0.0183	91.2	-0.98
Propiconazol	µg/l	0.363	±	0.0362	0.317	0.111	0.0482	87.3	-0.95
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	2.458	0.983	0.317	89.5	-0.91
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	0.975	0.39	0.171	89.3	-0.68
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	0.394	0.158	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	0.383	0.153	-	-	-
Simazin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	0.158	0.055	0.0244	77.6	-1.88
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	0.104	0.037	0.0209	85.1	-0.87
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.456	0.159	0.0417	90.4	-1.16
Thiacloprid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.134	0.047	0.0141	105	0.42
Thifensulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Tolylfluanid	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Triclopyr	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Tritosulfuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin
3,5,6-Trichlor-2-Pyridinol
Alachlor
Alachlor-Säure (Alachlor-OA)
Aldrin
Ampa
Atrazin
Atrazin-2-Hydroxy
Atrazin-Desethyl
Atrazin-Desethyl-Desisopropyl
Atrazin-Desisopropyl
Azoxystrobin
Bentazon
Bromacil
Chloridazon
Chloridazon-Desphenyl
Chloridazon-Methyl-Desphenyl
Clopyralid
Clothianidin
Dicamba
Dichlorprop
Dieldrin
Dimethachlor
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)
Dimethenamid
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)
Dimethenamid-Säure (Dimethenamid-OA)
Diuron
Ethofumesat
Flufenacet
Flufenacet-Sulfonsäure (Flufenacet ESA)
Flufenacet-Säure (Flufenacet OA)
Glufosinat
Glyphosat
Heptachlor
Heptachlorepoxid
Hexazinon
Imidacloprid
Iodosulfuron-Methyl
Isoproturon
Isoproturon-Desmethyl
MCPA
MCPB
MCPP (Mecoprop)
Mesosulfuron-Methyl
Metalaxyl
Metamitron
Metazachlor
Metazachlor-Sulfonsäure (Metazachlor ESA)
Metazachlor-Säure (Metazachlor OA)
Metolachlor
Metribuzin
Metribuzin-Desamino
Metsulfuron-Methyl
N,N-Dimethylsulfamid (DMS)
Nicosulfuron
Pethoxamid
Propazin
Propazin-2-Hydroxy
Propiconazol
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
s-Metolachlor-Säure (Metolachlor OA)
Simazin
Terbuthylazin
Terbuthylazin-2-Hydroxy
Terbuthylazin-2-Hydroxy-Desethyl
Terbuthylazin-Desethyl
Thiacloprid
Thiamethoxam
Thifensulfuron-Methyl
Tribenuron-Methyl
Triclopyr
Triflusulfuron-Methyl
-2
0
2
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.297	0.045	0.0327	98.1	-0.17
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.88	0.132	0.0884	99.7	-0.03
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	0.036	0.005	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.486	0.073	0.0838	97.1	-0.17
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	0.037	0.006	0.00855	97.5	-0.11
Ampa	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.148	0.022	0.0137	96	-0.45
Atrazin-2-Hydroxy	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.123	0.018	0.0226	87	-0.81
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.087	0.013	0.0116	95.6	-0.35
Bromacil	µg/l	0.164	±	0.0144	0.158	0.024	0.0152	96.5	-0.38
Chloridazon	µg/l	0.0873	±	0.00567	0.084	0.013	0.00756	96.2	-0.43
Chloridazon-Desphenyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	0.356	0.053	0.0718	102	0.07
Clothianidin	µg/l	0.162	±	0.0146	0.154	0.023	0.0162	95.1	-0.49
Dicamba	µg/l	0.683	±	0.0311	0.699	0.105	0.0328	102	0.48
Dichlorprop	µg/l	0.606	±	0.0444	0.607	0.091	0.0662	100	0.01
Dieldrin	µg/l	0.06	±	0.0154	0.078	0.012	0.0163	130	1.11
Dimethachlor	µg/l	0.432	±	0.0351	0.444	0.067	0.0453	103	0.26

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.549	0.082	0.0433	102	0.27
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.244	0.037	0.0287	82.8	-1.77
Ethofumesat	µg/l	0.153	±	0.0132	0.117	0.018	0.0159	76.5	-2.26
Flufenacet	µg/l	0.43	±	0.0434	0.411	0.062	0.056	95.6	-0.34
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	0.088	0.013	0.0434	59.3	-1.39
Glyphosat	µg/l	0.366	±	0.0555	0.326	0.049	0.0641	89.1	-0.63
Heptachlor	µg/l	0.0486	±	0.0266	0.01	0.002	0.0281	20.6	-1.37
Heptachlorepoxid	µg/l	-	±	-	<0.009 (BG)	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.234	0.035	0.0268	106	0.53
Imidacloprid	µg/l	0.307	±	0.0287	0.318	0.048	0.0358	103	0.3
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	0.37	0.056	0.0518	91.3	-0.68
Isoproturon	µg/l	0.301	±	0.0199	0.286	0.043	0.0303	94.9	-0.51
Isoproturon-Desmethyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.234	0.035	0.0161	98.9	-0.16
MCPB	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.115	0.017	0.0152	97.8	-0.17
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	0.236	0.035	0.0241	104	0.34
Metalaxyl	µg/l	0.533	±	0.0393	0.541	0.081	0.0524	102	0.15
Metamitron	µg/l	0.51	±	0.0476	0.434	0.065	0.0673	85.1	-1.13
Metazachlor	µg/l	0.26	±	0.00676	0.267	0.04	0.0093	103	0.75
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0008

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.419	0.063	0.0489	104	0.33
Metribuzin	µg/l	0.0895	±	0.00875	0.083	0.012	0.0113	92.7	-0.58
Metribuzin-Desamino	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	0.224	0.034	0.0362	88.2	-0.83
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	1.048	0.157	0.276	114	0.47
Pethoxamid	µg/l	0.176	±	0.0111	0.176	0.026	0.0111	99.8	-0.03
Propazin	µg/l	0.49	±	0.0258	0.487	0.073	0.0344	99.3	-0.09
Propazin-2-Hydroxy	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.125	0.019	0.0194	82.4	-1.38
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.121	0.018	0.00963	98.7	-0.17
Terbuthylazin	µg/l	0.254	±	0.0165	0.253	0.038	0.0258	99.7	-0.03
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.281	0.042	0.0217	95.1	-0.67
Thiamethoxam	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.679	0.102	0.0931	88.7	-0.93
Tolylfluanid	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	0.125	0.019	0.0955	81.3	-0.3
Triclopyr	µg/l	0.48	±	0.0503	0.47	0.071	0.0531	97.9	-0.19
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	0.354	0.053	0.15	87.1	-0.35
Tritosulfuron	µg/l	-	±	-	0.577	0.087	-	-	-

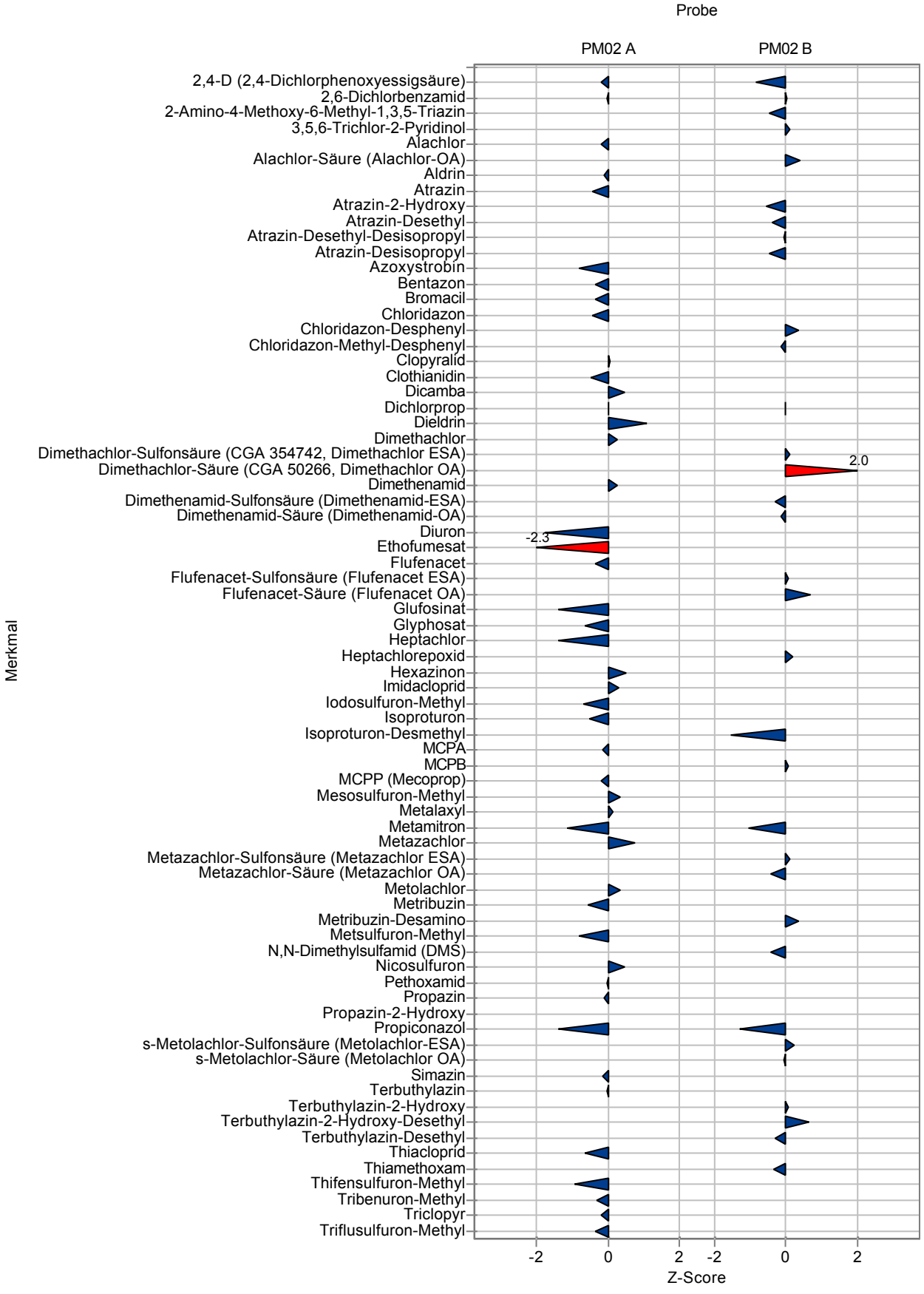
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.172	0.026	0.0227	90	-0.84

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.536	0.38	0.192	100	0.01
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	0.175	0.026	0.0143	96.3	-0.47
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	0.419	0.063	0.149	103	0.09
Alachlor	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	3.13	0.469	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	0.495	0.074	0.0533	104	0.38
Aldrin	µg/l	-	±	-	<0.009 (BG)	-	-	-	-
Ampa	µg/l	0.715	±	0.159	<0.03 (BG)	-	0.175	-	-
Atrazin	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	1.435	0.215	0.153	94.3	-0.56
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.203	0.03	0.0228	95.6	-0.41
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	0.864	0.13	0.18	99.1	-0.04
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.436	0.065	0.0493	94.8	-0.48
Azoxystrobin	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	0.846	0.127	-	-	-
Bentazon	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	3.196	0.479	0.225	103	0.37
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	0.114	0.017	0.0104	98.9	-0.12
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Clothianidin	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Dicamba	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.221	0.033	0.023	99.6	-0.04
Dieldrin	µg/l	-	±	-	<0.009 (BG)	-	-	-	-
Dimethachlor	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	0.467	0.07	0.0516	101	0.1
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	0.287	0.043	0.0429	143	2.02

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	0.103	0.015	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	0.514	0.077	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	0.851	0.128	0.197	93.4	-0.3
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	0.362	0.054	0.0574	97.6	-0.15
Diuron	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	0.81	0.121	0.176	101	0.06
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	0.244	0.037	0.0771	128	0.69
Glufosinat	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Glyphosat	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Heptachlor	µg/l	-	±	-	<0.009 (BG)	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	0.188	0.028	0.0196	102	0.17
Hexazinon	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	0.131	0.02	0.0104	88.9	-1.56
MCPA	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.488	0.073	0.0503	101	0.07
MCPP (Mecoprop)	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.133	0.02	0.0227	84.9	-1.05
Metazachlor	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	2.819	0.423	0.441	102	0.12
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	1.219	0.138	0.233	92.3	-0.44
Metolachlor	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.03 (BG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	0.267	0.04	0.0305	104	0.36
Metsulfuron-Methyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	0.977	0.147	0.205	91.6	-0.44
Nicosulfuron	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Propazin	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	0.205	0.031	0.0183	100	0
Propiconazol	µg/l	0.363	±	0.0362	0.3	0.045	0.0482	82.6	-1.31
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	2.816	0.422	0.317	103	0.22
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	1.081	0.162	0.171	99.1	-0.06
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	0.333	0.05	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	0.377	0.057	-	-	-
Simazin	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	0.205	0.031	0.0244	101	0.05
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	0.136	0.02	0.0209	111	0.66
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.492	0.074	0.0417	97.5	-0.3
Thiacloprid	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.123	0.018	0.0141	96.1	-0.35
Thifensulfuron-Methyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Tolylfluanid	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Triclopyr	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Tritosulfuron	µg/l	-	±	-	<0.03 (BG)	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin
3,5,6-Trichlor-2-Pyridinol
Alachlor
Alachlor-Säure (Alachlor-OA)
Aldrin
Atrazin
Atrazin-2-Hydroxy
Atrazin-Desethyl
Atrazin-Desethyl-Desisopropyl
Atrazin-Desisopropyl
Azoxystrobin
Bentazon
Bromacil
Chloridazon
Chloridazon-Desphenyl
Chloridazon-Methyl-Desphenyl
Clopyralid
Clothianidin
Dicamba
Dichlorprop
Dieldrin
Dimethachlor
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)
Dimethenamid
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)
Dimethenamid-Säure (Dimethenamid-OA)
Diuron
Ethofumesat
Flufenacet
Flufenacet-Sulfonsäure (Flufenacet ESA)
Flufenacet-Säure (Flufenacet OA)
Glufosinat
Glyphosat
Heptachlor
Heptachlorepoxid
Hexazinon
Imidacloprid
Iodosulfuron-Methyl
Isoproturon
Isoproturon-Desmethyl
MCPA
MCPB
MCPP (Mecoprop)
Mesosulfuron-Methyl
Metalaxyl
Metamitron
Metazachlor
Metazachlor-Sulfonsäure (Metazachlor ESA)
Metazachlor-Säure (Metazachlor OA)
Metolachlor
Metribuzin
Metribuzin-Desamino
Metsulfuron-Methyl
N,N-Dimethylsulfamid (DMS)
Nicosulfuron
Pethoxamid
Propazin
Propazin-2-Hydroxy
Propiconazol
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
s-Metolachlor-Säure (Metolachlor OA)
Simazin
Terbuthylazin
Terbuthylazin-2-Hydroxy
Terbuthylazin-2-Hydroxy-Desethyl
Terbuthylazin-Desethyl
Thiacloprid
Thiamethoxam
Thifensulfuron-Methyl
Tribenuron-Methyl
Triclopyr
Triflusulfuron-Methyl
2.0
-2.3
-2
0
2
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.247	0.049	0.0327	81.6	-1.7
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.926	0.102	0.0884	105	0.49
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	-	-	0.0838	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	0.006	0.002	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.137	0.027	0.0137	88.9	-1.25
Atrazin-2-Hydroxy	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	-	-	0.0226	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.085	0.022	0.0116	93.4	-0.52
Bromacil	µg/l	0.164	±	0.0144	0.14	0.034	0.0152	85.5	-1.56
Chloridazon	µg/l	0.0873	±	0.00567	0.084	0.019	0.00756	96.2	-0.43
Chloridazon-Desphenyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	-	-	0.0162	-	-
Dicamba	µg/l	0.683	±	0.0311	0.705	0.155	0.0328	103	0.66
Dichlorprop	µg/l	0.606	±	0.0444	0.598	0.09	0.0662	98.6	-0.13
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	0.435	0.083	0.0453	101	0.06

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.51	0.097	0.0433	94.9	-0.63
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.296	0.062	0.0287	100	0.04
Ethofumesat	µg/l	0.153	±	0.0132	0.154	0.042	0.0159	101	0.07
Flufenacet	µg/l	0.43	±	0.0434	-	-	0.056	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	0.215	0.034	0.0434	145	1.54
Glyphosat	µg/l	0.366	±	0.0555	0.424	0.072	0.0641	116	0.9
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.219	0.035	0.0268	99.7	-0.03
Imidacloprid	µg/l	0.307	±	0.0287	-	-	0.0358	-	-
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	-	-	0.0518	-	-
Isoproturon	µg/l	0.301	±	0.0199	0.293	0.067	0.0303	97.2	-0.28
Isoproturon-Desmethyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.222	0.049	0.0161	93.8	-0.91
MCPB	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.108	0.018	0.0152	91.8	-0.63
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	0.533	0.16	0.0524	100	0.00
Metamitron	µg/l	0.51	±	0.0476	0.522	0.125	0.0673	102	0.18
Metazachlor	µg/l	0.26	±	0.00676	0.247	0.057	0.0093	95	-1.4
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0009

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.405	0.069	0.0489	101	0.04
Metribuzin	µg/l	0.0895	±	0.00875	0.064	0.015	0.0113	71.5	-2.26
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	-	-	0.276	-	-
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	0.458	0.082	0.0344	93.4	-0.94
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.138	0.026	0.0194	90.9	-0.71
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.113	0.014	0.00963	92.2	-1
Terbuthylazin	µg/l	0.254	±	0.0165	0.237	0.04	0.0258	93.3	-0.65
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	-	-	0.0217	-	-
Thiamethoxam	µg/l	-	±	-	-	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	-	-	0.0931	-	-
Tolylfluanid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	-	-	0.0955	-	-
Triclopyr	µg/l	0.48	±	0.0503	<0.01 (BG)	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

Probe: PM02B

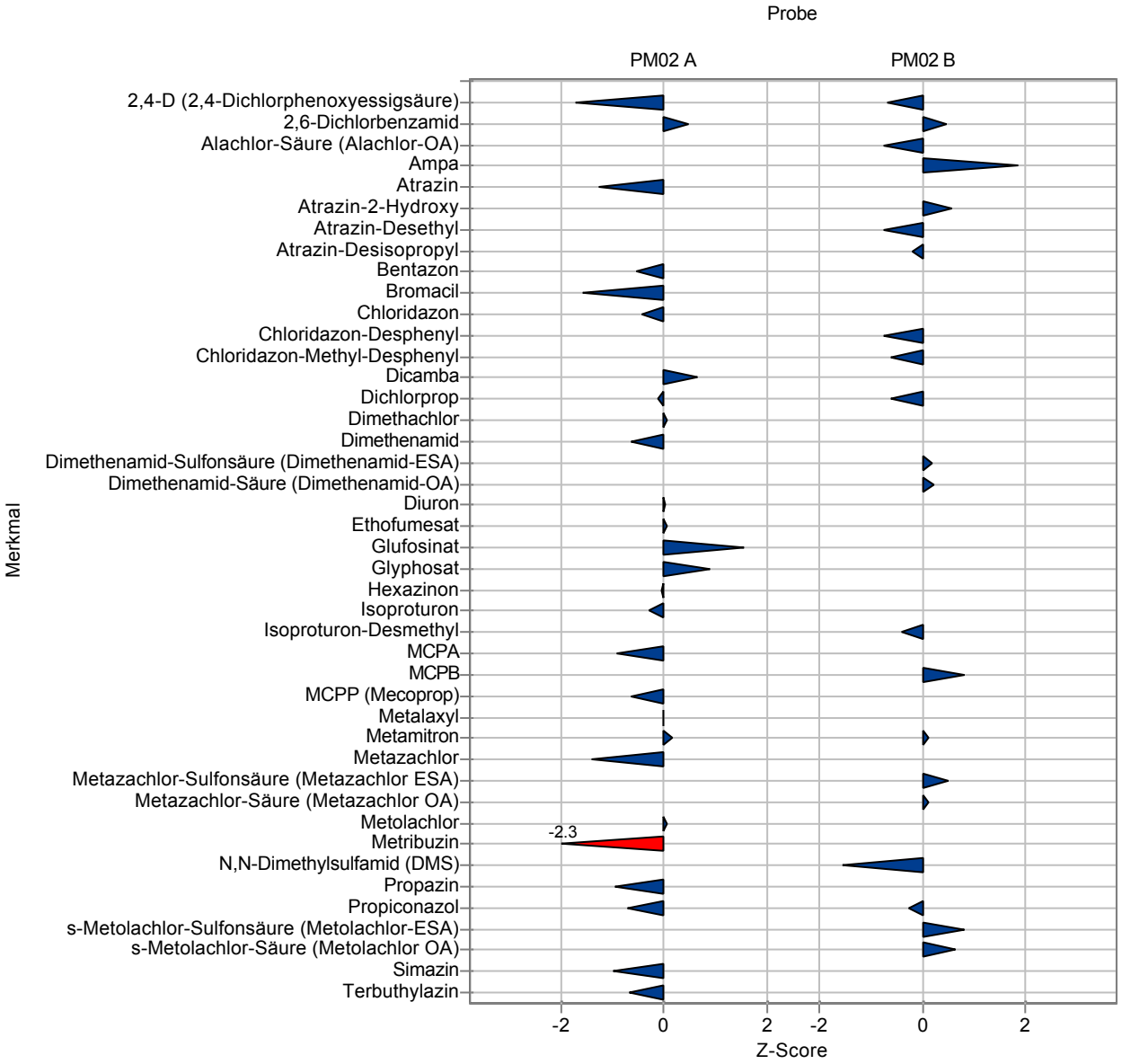
Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.176	0.035	0.0227	92.1	-0.67

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.62	0.29	0.192	103	0.45
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	-	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	0.435	0.065	0.0533	91.7	-0.74
Aldrin	µg/l	-	±	-	-	-	-	-	-
Ampa	µg/l	0.715	±	0.159	1.04	0.38	0.175	145	1.85
Atrazin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	1.61	0.4	0.153	106	0.58
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.195	0.023	0.0228	91.9	-0.76
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.45	0.09	0.0493	97.9	-0.2
Azoxystrobin	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	2.94	0.79	0.225	94.5	-0.77
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	0.109	0.031	0.0104	94.6	-0.6
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	-	-	-	-	-
Dicamba	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.208	0.031	0.023	93.8	-0.6
Dieldrin	µg/l	-	±	-	-	-	-	-	-
Dimethachlor	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	0.948	0.161	0.197	104	0.19
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	0.384	0.046	0.0574	104	0.23
Diuron	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Flufenacet	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Glyphosat	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	-	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	0.143	0.026	0.0104	97.1	-0.41
MCPA	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.525	0.1	0.0503	108	0.8
MCPP (Mecoprop)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.159	0.038	0.0227	101	0.1
Metazachlor	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	2.99	0.45	0.441	108	0.51
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	1.35	0.23	0.233	102	0.12
Metolachlor	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	0.749	0.24	0.205	70.2	-1.55
Nicosulfuron	µg/l	-	±	-	-	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	0.35	0.066	0.0482	96.4	-0.27
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	3	0.42	0.317	109	0.8
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	1.2	0.31	0.171	110	0.64
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	-	-	0.0417	-	-
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	-	-	0.0141	-	-
Thifensulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tolylfluanid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
Alachlor-Säure (Alachlor-OA)
Ampa
Atrazin
Atrazin-2-Hydroxy
Atrazin-Desethyl
Atrazin-Desisopropyl
Bentazon
Bromacil
Chloridazon
Chloridazon-Desphenyl
Chloridazon-Methyl-Desphenyl
Dicamba
Dichlorprop
Dimethachlor
Dimethenamid
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)
Dimethenamid-Säure (Dimethenamid-OA)
Diuron
Ethofumesat
Glufosinat
Glyphosat
Hexazinon
Isoproturon
Isoproturon-Desmethyl
MCPA
MCPB
MCPP (Mecoprop)
Metalaxyl
Metamitron
Metazachlor
Metazachlor-Sulfonsäure (Metazachlor ESA)
Metazachlor-Säure (Metazachlor OA)
Metolachlor
Metribuzin
-2.3
N,N-Dimethylsulfamid (DMS)
Propazin
Propiconazol
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
s-Metolachlor-Säure (Metolachlor OA)
Simazin
Terbuthylazin
-2
0
2
-2
0
2
Z-Score

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Laborcode: LC0010

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.317	0.111	0.0327	105	0.44
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.89	0.312	0.0884	101	0.08
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	0.097	0.034	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.423	0.127	0.0838	84.5	-0.92
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	0.055	0.019	0.00855	145	1.99
Ampa	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.128	0.038	0.0137	83	-1.91
Atrazin-2-Hydroxy	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.132	0.04	0.0226	93.4	-0.41
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.079	0.028	0.0116	86.8	-1.03
Bromacil	µg/l	0.164	±	0.0144	0.188	0.066	0.0152	115	1.6
Chloridazon	µg/l	0.0873	±	0.00567	0.117	0.035	0.00756	134	3.93
Chloridazon-Desphenyl	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	0.382	0.134	0.0718	109	0.44
Clothianidin	µg/l	0.162	±	0.0146	0.163	0.049	0.0162	101	0.06
Dicamba	µg/l	0.683	±	0.0311	0.72	0.252	0.0328	105	1.12
Dichlorprop	µg/l	0.606	±	0.0444	0.452	0.136	0.0662	74.5	-2.33
Dieldrin	µg/l	0.06	±	0.0154	0.069	0.024	0.0163	115	0.56
Dimethachlor	µg/l	0.432	±	0.0351	0.387	0.116	0.0453	89.5	-1

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.488	0.146	0.0433	90.8	-1.14
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.27	0.081	0.0287	91.6	-0.86
Ethofumesat	µg/l	0.153	±	0.0132	0.161	0.056	0.0159	105	0.51
Flufenacet	µg/l	0.43	±	0.0434	0.402	0.141	0.056	93.5	-0.5
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	0.189	0.057	0.0434	127	0.94
Glyphosat	µg/l	0.366	±	0.0555	0.272	0.082	0.0641	74.3	-1.47
Heptachlor	µg/l	0.0486	±	0.0266	0.083	0.029	0.0281	171	1.23
Heptachlorepoxid	µg/l	-	±	-	<0.002 (BG)	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.189	0.057	0.0268	86	-1.15
Imidacloprid	µg/l	0.307	±	0.0287	0.276	0.083	0.0358	89.8	-0.87
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	-	-	0.0518	-	-
Isoproturon	µg/l	0.301	±	0.0199	0.355	0.124	0.0303	118	1.77
Isoproturon-Desmethyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.205	0.062	0.0161	86.6	-1.96
MCPB	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.102	0.031	0.0152	86.7	-1.03
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	0.487	0.146	0.0524	91.4	-0.88
Metamitron	µg/l	0.51	±	0.0476	0.518	0.181	0.0673	102	0.12
Metazachlor	µg/l	0.26	±	0.00676	0.212	0.064	0.0093	81.5	-5.17
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0010

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.364	0.109	0.0489	90.3	-0.8
Metribuzin	µg/l	0.0895	±	0.00875	0.084	0.025	0.0113	93.8	-0.49
Metribuzin-Desamino	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	0.249	0.087	0.0362	98	-0.14
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	2.37	0.711	0.276	258	5.25
Pethoxamid	µg/l	0.176	±	0.0111	0.166	0.058	0.0111	94.1	-0.93
Propazin	µg/l	0.49	±	0.0258	0.446	0.156	0.0344	91	-1.28
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.161	0.048	0.0194	106	0.48
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.105	0.032	0.00963	85.6	-1.83
Terbuthylazin	µg/l	0.254	±	0.0165	0.221	0.066	0.0258	87	-1.27
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.279	0.084	0.0217	94.4	-0.76
Thiamethoxam	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.738	0.258	0.0931	96.5	-0.29
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	3.1	1.085	0.0955	2020	30.9
Triclopyr	µg/l	0.48	±	0.0503	0.436	0.153	0.0531	90.8	-0.83
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	0.515	0.18	0.15	127	0.72
Tritosulfuron	µg/l	-	±	-	1.03	0.361	-	-	-

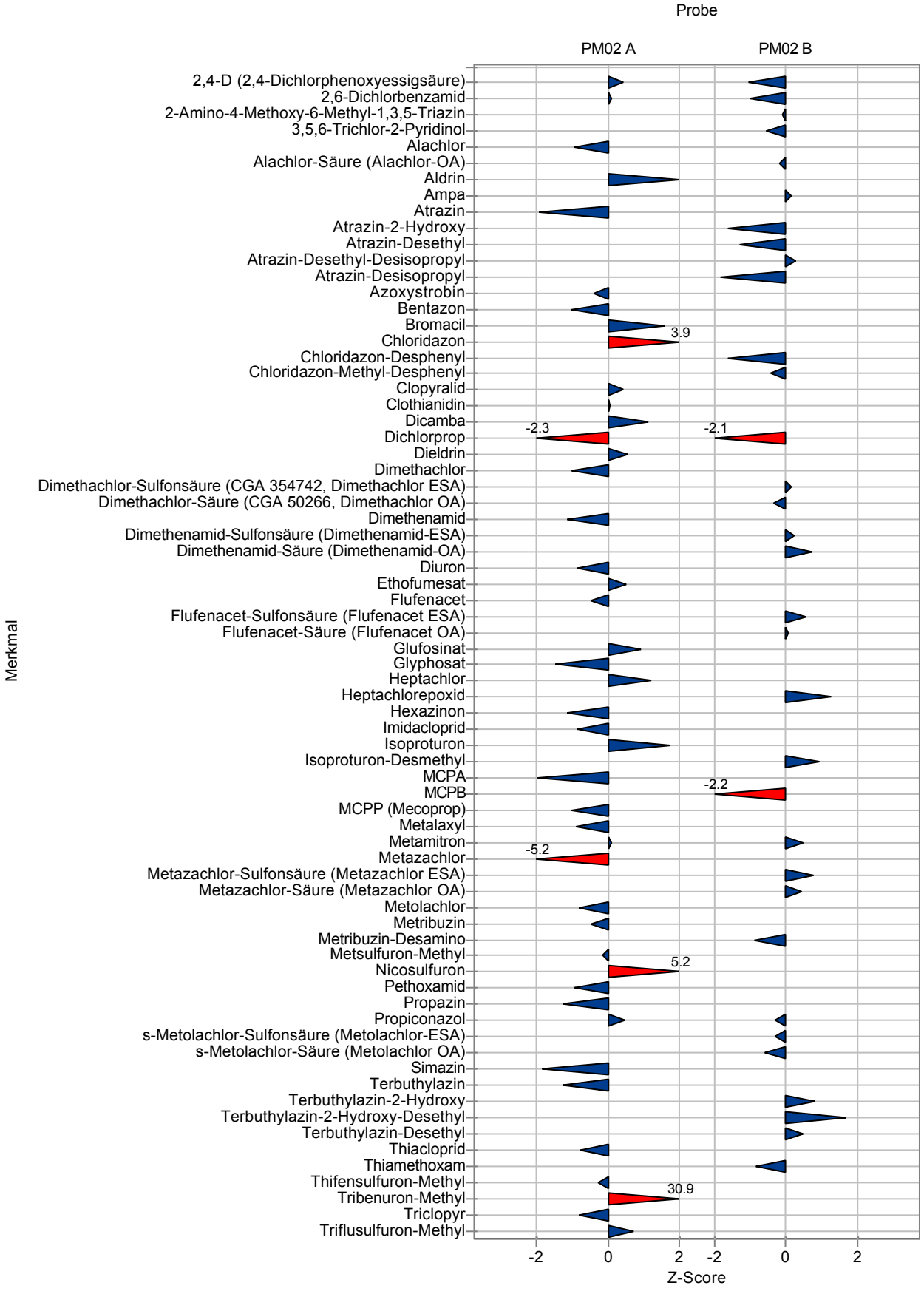
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.167	0.058	0.0227	87.4	-1.06

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.34	0.819	0.192	92.3	-1.02
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	0.18	0.063	0.0143	99.1	-0.12
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	0.325	0.114	0.149	80.1	-0.54
Alachlor	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	3.03	1.061	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	0.464	0.162	0.0533	97.8	-0.2
Aldrin	µg/l	-	±	-	<0.002 (BG)	-	-	-	-
Ampa	µg/l	0.715	±	0.159	0.742	0.223	0.175	104	0.15
Atrazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	1.27	0.381	0.153	83.5	-1.64
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.183	0.055	0.0228	86.2	-1.28
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	0.918	0.321	0.18	105	0.26
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.37	0.13	0.0493	80.5	-1.82
Azoxystrobin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	2.75	0.825	0.225	88.4	-1.61
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	0.111	0.033	0.0104	96.3	-0.41
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Clothianidin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dicamba	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.173	0.052	0.023	78	-2.13
Dieldrin	µg/l	-	±	-	<0.002 (BG)	-	-	-	-
Dimethachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	0.47	0.141	0.0516	102	0.15
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	0.186	0.065	0.0429	92.9	-0.33

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	0.956	0.335	0.197	105	0.23
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	0.413	0.145	0.0574	111	0.73
Diuron	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	0.898	0.314	0.176	112	0.56
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	0.196	0.069	0.0771	103	0.07
Glufosinat	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Glyphosat	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Heptachlor	µg/l	-	±	-	<0.002 (BG)	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	0.209	0.073	0.0196	113	1.25
Hexazinon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	0.157	0.055	0.0104	107	0.93
MCPA	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.373	0.131	0.0503	77	-2.22
MCPP (Mecoprop)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.168	0.059	0.0227	107	0.5
Metazachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	3.1	0.93	0.441	112	0.76
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	1.42	0.497	0.233	107	0.42
Metolachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	0.229	0.08	0.0305	89.5	-0.89
Metsulfuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Propazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	0.348	0.104	0.0482	95.9	-0.31
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	2.65	0.795	0.317	96.5	-0.31
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	0.987	0.296	0.171	90.4	-0.61
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	0.223	0.078	0.0244	109	0.79
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	0.157	0.055	0.0209	129	1.67
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.524	0.157	0.0417	104	0.47
Thiacloprid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.116	0.035	0.0141	90.6	-0.85
Thifensulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Triclopyr	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Tritosulfuron	µg/l	-	±	-	<0.01 (BG)	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin
3,5,6-Trichlor-2-Pyridinol
Alachlor
Alachlor-Säure (Alachlor-OA)
Aldrin
Ampa
Atrazin
Atrazin-2-Hydroxy
Atrazin-Desethyl
Atrazin-Desethyl-Desisopropyl
Atrazin-Desisopropyl
Azoxystrobin
Bentazon
Bromacil
Chloridazon
Chloridazon-Desphenyl
Chloridazon-Methyl-Desphenyl
Clopyralid
Clothianidin
Dicamba
Dichlorprop
Dieldrin
Dimethachlor
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)
Dimethenamid
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)
Dimethenamid-Säure (Dimethenamid-OA)
Diuron
Ethofumesat
Flufenacet
Flufenacet-Sulfonsäure (Flufenacet ESA)
Flufenacet-Säure (Flufenacet OA)
Glufosinat
Glyphosat
Heptachlor
Heptachlorepoxid
Hexazinon
Imidacloprid
Isoproturon
Isoproturon-Desmethyl
MCPA
MCPB
MCPP (Mecoprop)
Metalaxyl
Metamitron
Metazachlor
Metazachlor-Sulfonsäure (Metazachlor ESA)
Metazachlor-Säure (Metazachlor OA)
Metolachlor
Metribuzin
Metribuzin-Desamino
Metsulfuron-Methyl
Nicosulfuron
Pethoxamid
Propazin
Propiconazol
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
s-Metolachlor-Säure (Metolachlor OA)
Simazin
Terbuthylazin
Terbuthylazin-2-Hydroxy
Terbuthylazin-2-Hydroxy-Desethyl
Terbuthylazin-Desethyl
Thiacloprid
Thiamethoxam
Thifensulfuron-Methyl
Tribenuron-Methyl
Triclopyr
Triflusulfuron-Methyl
3.9
-2.3
-2.1
-2.2
-5.2
5.2
30.9
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.107	0.064	0.0327	35.4	-5.98
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.9665	0.29	0.0884	109	0.95
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	0.287	0.172	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.5489	0.247	0.0838	110	0.58
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	0.0345	0.0135	0.00855	90.9	-0.4
Ampa	µg/l	-	±	-	0.0086	0.0017	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.1589	0.0572	0.0137	103	0.34
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	-	-	0.0226	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.112	0.034	0.0116	123	1.8
Bromacil	µg/l	0.164	±	0.0144	0.07	0.042	0.0152	42.8	-6.17
Chloridazon	µg/l	0.0873	±	0.00567	0.0693	0.021	0.00756	79.4	-2.38
Chloridazon-Desphenyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	<0.01 (BG)	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	-	-	0.0162	-	-
Dicamba	µg/l	0.683	±	0.0311	0.107	0.0642	0.0328	15.7	-17.6
Dichlorprop	µg/l	0.606	±	0.0444	0.189	0.113	0.0662	31.2	-6.3
Dieldrin	µg/l	0.06	±	0.0154	0.0668	0.0354	0.0163	111	0.42
Dimethachlor	µg/l	0.432	±	0.0351	<0.01 (BG)	-	0.0453	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	1.08	0.648	0.0433	201	12.5
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.331	0.0993	0.0287	112	1.26
Ethofumesat	µg/l	0.153	±	0.0132	-	-	0.0159	-	-
Flufenacet	µg/l	0.43	±	0.0434	0.428	0.257	0.056	99.6	-0.03
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	0.438	0.0876	0.0641	120	1.12
Heptachlor	µg/l	0.0486	±	0.0266	0.057	0.0234	0.0281	117	0.3
Heptachlorepoxid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.822	0.493	0.0268	374	22.5
Imidacloprid	µg/l	0.307	±	0.0287	-	-	0.0358	-	-
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	0.072	0.043	0.0518	17.8	-6.43
Isoproturon	µg/l	0.301	±	0.0199	0.267	0.08	0.0303	88.6	-1.14
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.209	0.0627	0.0161	88.3	-1.71
MCPB	µg/l	-	±	-	-	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.105	0.032	0.0152	89.3	-0.83
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	0.034	0.02	0.0241	14.9	-8.05
Metalaxyl	µg/l	0.533	±	0.0393	-	-	0.0524	-	-
Metamitron	µg/l	0.51	±	0.0476	1.724	1.034	0.0673	338	18
Metazachlor	µg/l	0.26	±	0.00676	0.256	0.077	0.0093	98.4	-0.44
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0011

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.37	0.115	0.0489	91.8	-0.67
Metribuzin	µg/l	0.0895	±	0.00875	0.364	0.218	0.0113	407	24.3
Metribuzin-Desamino	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	0.081	0.049	0.0362	31.9	-4.78
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	0.398	0.239	0.276	43.3	-1.88
Pethoxamid	µg/l	0.176	±	0.0111	0.398	0.239	0.0111	226	19.9
Propazin	µg/l	0.49	±	0.0258	3.12	1.872	0.0344	636	76.4
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.146	0.088	0.0194	96.2	-0.3
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.1449	0.0681	0.00963	118	2.31
Terbuthylazin	µg/l	0.254	±	0.0165	0.2795	0.0839	0.0258	110	0.99
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	0.616	0.37	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.401	0.241	0.0217	136	4.85
Thiamethoxam	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.205	0.123	0.0931	26.8	-6.02
Tolylfluanid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	0.05	0.03	0.0955	32.5	-1.09
Triclopyr	µg/l	0.48	±	0.0503	0.015	0.009	0.0531	3.1	-8.76
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	0.119	0.071	0.15	29.3	-1.91
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

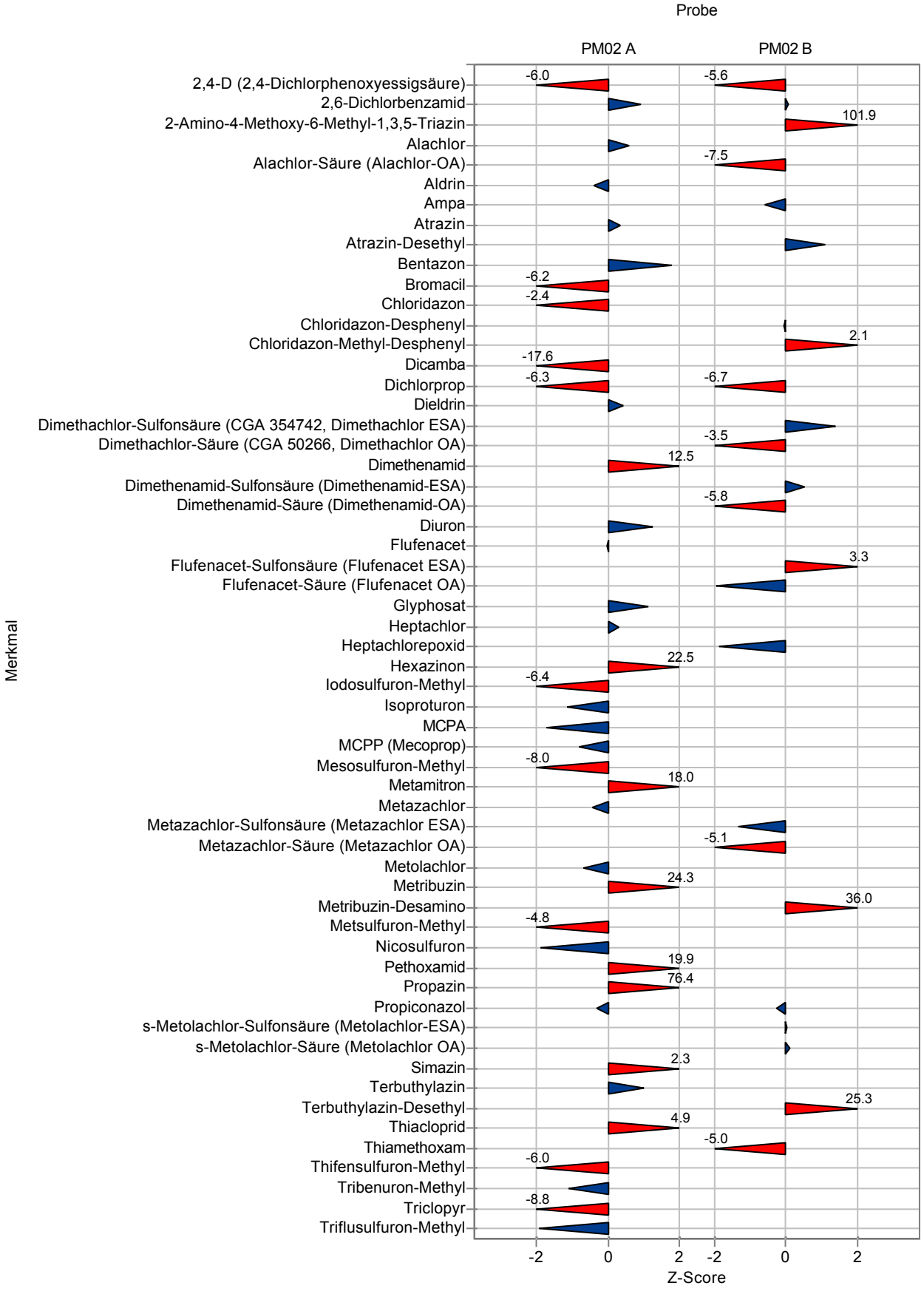
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.065	0.039	0.0227	34	-5.56

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.548	0.7644	0.192	101	0.07
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	1.634	0.98	0.0143	899	102
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	4.19	2.51	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	0.076	0.046	0.0533	16	-7.47
Aldrin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Ampa	µg/l	0.715	±	0.159	0.614	0.1228	0.175	85.9	-0.58
Atrazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.237	0.0711	0.0228	112	1.08
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	-	-	0.0493	-	-
Azoxystrobin	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	3.1	0.93	0.225	99.6	-0.05
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	0.1374	0.0412	0.0104	119	2.13
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	1.1	0.242	-	-	-
Clopyralid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Clothianidin	µg/l	-	±	-	-	-	-	-	-
Dicamba	µg/l	-	±	-	0.065	0.039	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.068	0.041	0.023	30.7	-6.7
Dieldrin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	0.533	0.32	0.0516	115	1.38
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	0.051	0.031	0.0429	25.5	-3.48

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	1.01	0.606	0.197	111	0.5
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	0.039	0.023	0.0574	10.5	-5.79
Diuron	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	-	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	1.38	0.828	0.176	173	3.3
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	0.039	0.023	0.0771	20.5	-1.97
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Heptachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	0.1482	0.0726	0.0196	80.3	-1.86
Hexazinon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	-	-	0.0503	-	-
MCPP (Mecoprop)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metalaxyl	µg/l	-	±	-	-	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	-	-	0.0227	-	-
Metazachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	2.181	1.31	0.441	78.8	-1.33
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	0.124	0.0744	0.233	9.4	-5.13
Metolachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	1.353	0.812	0.0305	529	36
Metsulfuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Propazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	0.35	0.21	0.0482	96.4	-0.27
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	2.75	0.605	0.317	100	0.01
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	1.11	0.167	0.171	102	0.11
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	1.559	0.935	0.0417	309	25.3
Thiacloprid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.058	0.035	0.0141	45.3	-4.96
Thifensulfuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Tolylfluanid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Triclopyr	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin
Alachlor
Alachlor-Säure (Alachlor-OA)
Aldrin
Ampa
Atrazin
Atrazin-Desethyl
Bentazon
Bromacil
Chloridazon
Chloridazon-Desphenyl
Chloridazon-Methyl-Desphenyl
Dicamba
Dichlorprop
Dieldrin
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)
Dimethenamid
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)
Dimethenamid-Säure (Dimethenamid-OA)
Diuron
Flufenacet
Flufenacet-Sulfonsäure (Flufenacet ESA)
Flufenacet-Säure (Flufenacet OA)
Glyphosat
Heptachlor
Heptachlorepoxid
Hexazinon
Iodosulfuron-Methyl
Isoproturon
MCPA
MCPP (Mecoprop)
Mesosulfuron-Methyl
Metamitron
Metazachlor
Metazachlor-Sulfonsäure (Metazachlor ESA)
Metazachlor-Säure (Metazachlor OA)
Metolachlor
Metribuzin
Metribuzin-Desamino
Metsulfuron-Methyl
Nicosulfuron
Pethoxamid
Propazin
Propiconazol
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
s-Metolachlor-Säure (Metolachlor OA)
Simazin
Terbuthylazin
Terbuthylazin-Desethyl
Thiacloprid
Thiamethoxam
Thifensulfuron-Methyl
Tribenuron-Methyl
Triclopyr
Triflusulfuron-Methyl
-6.0
-5.6
101.9
-7.5
-6.2
-2.4
2.1
-17.6
-6.3
-6.7
-3.5
12.5
-5.8
3.3
22.5
-6.4
-8.0
18.0
-5.1
24.3
36.0
-4.8
19.9
76.4
2.3
25.3
4.9
-5.0
-6.0
-8.8
-2
0
2
Z-Score

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Laborcode: LC0012

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	1.29	0.097	0.0327	426	30.2
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.868	0.048	0.0884	98.3	-0.17
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	-	-	0.0838	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	-	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.157	0.01	0.0137	102	0.21
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.151	0.019	0.0226	107	0.43
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.087	0.004	0.0116	95.6	-0.35
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	0.089	0.004	0.00756	102	0.23
Chloridazon-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	0.16	0.008	0.0162	98.8	-0.12
Dicamba	µg/l	0.683	±	0.0311	-	-	0.0328	-	-
Dichlorprop	µg/l	0.606	±	0.0444	-	-	0.0662	-	-
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	0.447	0.014	0.0453	103	0.33

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.601	0.009	0.0433	112	1.47
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.278	0.004	0.0287	94.3	-0.59
Ethofumesat	µg/l	0.153	±	0.0132	-	-	0.0159	-	-
Flufenacet	µg/l	0.43	±	0.0434	0.446	0.009	0.056	104	0.29
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	-	-	0.0641	-	-
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.225	0.004	0.0268	102	0.2
Imidacloprid	µg/l	0.307	±	0.0287	0.314	0.016	0.0358	102	0.19
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	0.437	0.032	0.0518	108	0.61
Isoproturon	µg/l	0.301	±	0.0199	0.287	0.013	0.0303	95.2	-0.48
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.253	0.012	0.0161	107	1.01
MCPB	µg/l	-	±	-	-	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.118	0.009	0.0152	100	0.02
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	0.222	0.004	0.0241	97.5	-0.24
Metalaxyl	µg/l	0.533	±	0.0393	0.576	0.027	0.0524	108	0.82
Metamitron	µg/l	0.51	±	0.0476	0.434	0.024	0.0673	85.1	-1.13
Metazachlor	µg/l	0.26	±	0.00676	0.263	0.004	0.0093	101	0.32
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0012

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	-	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.378	0.018	0.0489	93.8	-0.51
Metribuzin	µg/l	0.0895	±	0.00875	0.095	0.011	0.0113	106	0.48
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	0.975	0.021	0.276	106	0.2
Pethoxamid	µg/l	0.176	±	0.0111	0.221	0.016	0.0111	125	4.02
Propazin	µg/l	0.49	±	0.0258	-	-	0.0344	-	-
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.157	0.009	0.0194	103	0.27
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.123	0.007	0.00963	100	0.04
Terbuthylazin	µg/l	0.254	±	0.0165	0.27	0.015	0.0258	106	0.62
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.282	0.015	0.0217	95.4	-0.62
Thiamethoxam	µg/l	-	±	-	-	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.685	0.014	0.0931	89.5	-0.86
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	0.105	0.003	0.0955	68.3	-0.51
Triclopyr	µg/l	0.48	±	0.0503	-	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

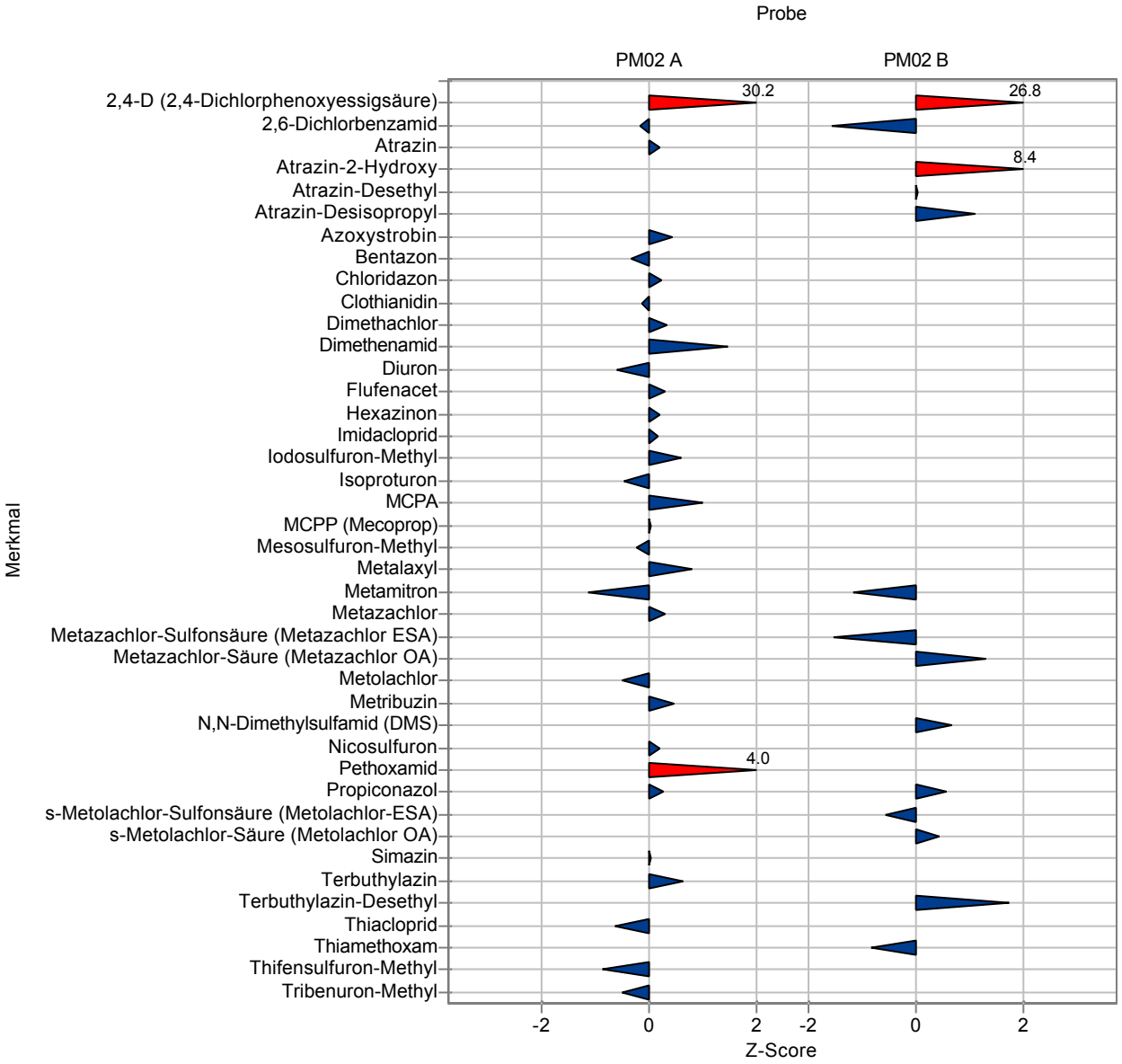
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.8	0.023	0.0227	419	26.8

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.235	0.17	0.192	88.2	-1.56
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	-	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	-	-	-	-	-
Ampa	µg/l	0.715	±	0.159	-	-	0.175	-	-
Atrazin	µg/l	-	±	-	-	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	2.815	0.137	0.153	185	8.44
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.213	0.01	0.0228	100	0.03
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.514	0.011	0.0493	112	1.1
Azoxystrobin	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	-	-	-	-	-
Bromacil	µg/l	-	±	-	-	-	-	-	-
Chloridazon	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	-	-	0.225	-	-
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	-	-	0.0104	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	-	-	-	-	-
Dicamba	µg/l	-	±	-	-	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	-	-	0.023	-	-
Dieldrin	µg/l	-	±	-	-	-	-	-	-
Dimethachlor	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	-	-	-	-	-
Ethofumesat	µg/l	-	±	-	-	-	-	-	-
Flufenacet	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	-	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	-	-	-	-	-
Imidacloprid	µg/l	-	±	-	-	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	-	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	-	-	-	-	-
MCPB	µg/l	0.485	±	0.039	-	-	0.0503	-	-
MCPP (Mecoprop)	µg/l	-	±	-	-	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	-	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.13	0.005	0.0227	82.9	-1.18
Metazachlor	µg/l	-	±	-	-	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	2.079	0.187	0.441	75.2	-1.56
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	1.627	0.027	0.233	123	1.31
Metolachlor	µg/l	-	±	-	-	-	-	-	-
Metribuzin	µg/l	-	±	-	-	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	1.203	0.045	0.205	113	0.66
Nicosulfuron	µg/l	-	±	-	-	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	-	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	0.39	0.025	0.0482	107	0.56
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	2.568	0.113	0.317	93.5	-0.56
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	1.168	0.003	0.171	107	0.45
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.577	0.019	0.0417	114	1.74
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.116	0.007	0.0141	90.6	-0.85
Thifensulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	-	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
Atrazin
Atrazin-2-Hydroxy
Atrazin-Desethyl
Atrazin-Desisopropyl
Azoxystrobin
Bentazon
Chloridazon
Clothianidin
Dimethachlor
Dimethenamid
Diuron
Flufenacet
Hexazinon
Imidacloprid
Iodosulfuron-Methyl
Isoproturon
MCPA
MCPP (Mecoprop)
Mesosulfuron-Methyl
Metalaxyl
Metamitron
Metazachlor
Metazachlor-Sulfonsäure (Metazachlor ESA)
Metazachlor-Säure (Metazachlor OA)
Metolachlor
Metribuzin
N,N-Dimethylsulfamid (DMS)
Nicosulfuron
Pethoxamid
Propiconazol
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
s-Metolachlor-Säure (Metolachlor OA)
Simazin
Terbuthylazin
Terbuthylazin-Desethyl
Thiacloprid
Thiamethoxam
Thifensulfuron-Methyl
Tribenuron-Methyl
30.2
26.8
8.4
4.0
-2
0
2
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.342	0.068	0.0327	113	1.2
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.798	0.159	0.0884	90.4	-0.96
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	-	-	0.0838	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	-	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.154	0.031	0.0137	99.9	-0.01
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.141	0.028	0.0226	99.8	-0.01
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.101	0.02	0.0116	111	0.85
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	0.084	0.017	0.00756	96.2	-0.43
Chloridazon-Desphenyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	-	-	0.0162	-	-
Dicamba	µg/l	0.683	±	0.0311	-	-	0.0328	-	-
Dichlorprop	µg/l	0.606	±	0.0444	0.687	0.137	0.0662	113	1.22
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	0.39	0.078	0.0453	90.2	-0.93

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.516	0.103	0.0433	96.1	-0.49
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.282	0.056	0.0287	95.6	-0.45
Ethofumesat	µg/l	0.153	±	0.0132	0.149	0.03	0.0159	97.5	-0.24
Flufenacet	µg/l	0.43	±	0.0434	-	-	0.056	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	-	-	0.0641	-	-
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.213	0.0426	0.0268	96.9	-0.25
Imidacloprid	µg/l	0.307	±	0.0287	0.295	0.059	0.0358	96	-0.34
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	0.396	0.0792	0.0518	97.7	-0.18
Isoproturon	µg/l	0.301	±	0.0199	0.272	0.054	0.0303	90.2	-0.97
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.299	0.06	0.0161	126	3.86
MCPB	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.146	0.029	0.0152	124	1.87
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	0.527	0.105	0.0524	98.9	-0.11
Metamitron	µg/l	0.51	±	0.0476	0.467	0.093	0.0673	91.5	-0.64
Metazachlor	µg/l	0.26	±	0.00676	0.256	0.051	0.0093	98.4	-0.44
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0013

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.389	0.078	0.0489	96.5	-0.28
Metribuzin	µg/l	0.0895	±	0.00875	0.086	0.172	0.0113	96.1	-0.31
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	0.965	0.193	0.276	105	0.17
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	0.526	0.105	0.0344	107	1.04
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.137	0.027	0.0194	90.3	-0.76
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.114	0.023	0.00963	93	-0.89
Terbuthylazin	µg/l	0.254	±	0.0165	0.256	0.051	0.0258	101	0.08
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.293	0.586	0.0217	99.2	-0.11
Thiamethoxam	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.736	0.147	0.0931	96.2	-0.31
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	-	-	0.0955	-	-
Triclopyr	µg/l	0.48	±	0.0503	0.483	0.145	0.0531	101	0.06
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

Probe: PM02B

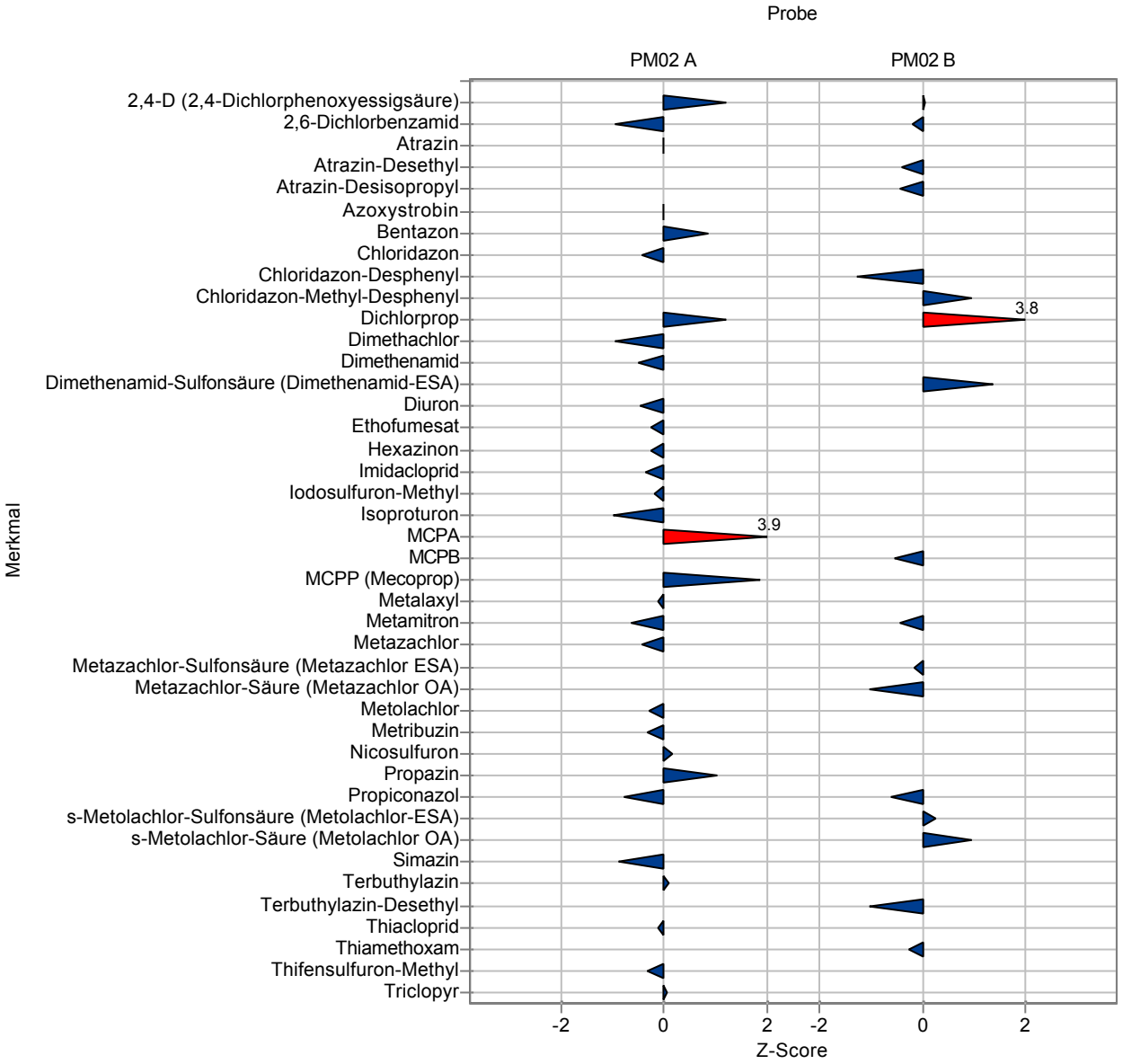
Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.192	0.038	0.0227	100	0.04

Parameter	Einheit	Sollwert	± VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)								
2,6-Dichlorbenzamid	µg/l	2.53	± 0.132	2.497	0.499	0.192	98.5	-0.2
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	± 0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	± 0.183	-	-	0.149	-	-
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	± -	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	± 0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	± -	-	-	-	-	-
Ampa	µg/l	0.715	± 0.159	-	-	0.175	-	-
Atrazin	µg/l	-	± -	<0.02 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	± 0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	± 0.0153	0.203	0.041	0.0228	95.6	-0.41
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	± 0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	± 0.0348	0.438	0.088	0.0493	95.3	-0.44
Azoxystrobin	µg/l	-	± -	<0.02 (BG)	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	± -	-	-	-	-	-
Bentazon	µg/l	-	± -	<0.02 (BG)	-	-	-	-
Bromacil	µg/l	-	± -	-	-	-	-	-
Chloridazon	µg/l	-	± -	<0.02 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	± 0.194	2.823	0.565	0.225	90.7	-1.29
Chloridazon-Methyl-Desphenyl	µg/l	0.115	± 0.00942	0.125	0.025	0.0104	108	0.93
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	± -	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	± -	-	-	-	-	-
Clopyralid	µg/l	-	± -	-	-	-	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Dicamba	µg/l	-	± -	-	-	-	-	-
Dichlorprop	µg/l	0.222	± 0.0162	0.308	0.062	0.023	139	3.75
Dieldrin	µg/l	-	± -	-	-	-	-	-
Dimethachlor	µg/l	-	± -	<0.02 (BG)	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	± 0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	± 0.0487	-	-	0.0429	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	1.176	0.235	0.197	129	1.34
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Flufenacet	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	-	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.458	0.137	0.0503	94.5	-0.53
MCPP (Mecoprop)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.147	0.029	0.0227	93.8	-0.43
Metazachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	2.698	0.539	0.441	97.5	-0.15
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	1.08	0.216	0.233	81.8	-1.03
Metolachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	0.334	0.067	0.0482	92	-0.6
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	2.829	0.565	0.317	103	0.26
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	1.252	0.25	0.171	115	0.94
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.461	0.092	0.0417	91.4	-1.04
Thiacloprid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.124	0.025	0.0141	96.9	-0.28
Thifensulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
Atrazin
Atrazin-Desethyl
Atrazin-Desisopropyl
Azoxystrobin
Bentazon
Chloridazon
Chloridazon-Desphenyl
Chloridazon-Methyl-Desphenyl
Dichlorprop
Dimethachlor
Dimethenamid
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)
Diuron
Ethofumesat
Hexazinon
Imidacloprid
Iodosulfuron-Methyl
Isoproturon
MCPA
MCPB
MCPP (Mecoprop)
Metalaxyl
Metamitron
Metazachlor
Metazachlor-Sulfonsäure (Metazachlor ESA)
Metazachlor-Säure (Metazachlor OA)
Metolachlor
Metribuzin
Nicosulfuron
Propazin
Propiconazol
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
s-Metolachlor-Säure (Metolachlor OA)
Simazin
Terbuthylazin
Terbuthylazin-Desethyl
Thiacloprid
Thiamethoxam
Thifensulfuron-Methyl
Triclopyr
3.8
3.9
Merkmal
-2
0
2
-2
0
2
Z-Score

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Laborcode: LC0014

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	-	-	0.0327	-	-
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	-	-	0.0884	-	-
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	-	-	0.0838	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	0.227	0.07	-	-	-
Atrazin	µg/l	0.154	±	0.00877	-	-	0.0137	-	-
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	-	-	0.0226	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	-	-	0.0116	-	-
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	-	-	0.00756	-	-
Chloridazon-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	-	-	0.0162	-	-
Dicamba	µg/l	0.683	±	0.0311	-	-	0.0328	-	-
Dichlorprop	µg/l	0.606	±	0.0444	-	-	0.0662	-	-
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	-	-	0.0453	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	-	-	0.0433	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	-	-	0.0287	-	-
Ethofumesat	µg/l	0.153	±	0.0132	-	-	0.0159	-	-
Flufenacet	µg/l	0.43	±	0.0434	-	-	0.056	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	0.468	0.21	0.0434	316	7.36
Glyphosat	µg/l	0.366	±	0.0555	2.11	0.8	0.0641	576	27.2
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	-	-	0.0268	-	-
Imidacloprid	µg/l	0.307	±	0.0287	-	-	0.0358	-	-
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	-	-	0.0518	-	-
Isoproturon	µg/l	0.301	±	0.0199	-	-	0.0303	-	-
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	-	-	0.0161	-	-
MCPB	µg/l	-	±	-	-	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	-	-	0.0152	-	-
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	-	-	0.0524	-	-
Metamitron	µg/l	0.51	±	0.0476	-	-	0.0673	-	-
Metazachlor	µg/l	0.26	±	0.00676	-	-	0.0093	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0014

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	-	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	-	-	0.0489	-	-
Metribuzin	µg/l	0.0895	±	0.00875	-	-	0.0113	-	-
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	-	-	0.276	-	-
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	-	-	0.0344	-	-
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	-	-	0.0194	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	-	-	0.00963	-	-
Terbuthylazin	µg/l	0.254	±	0.0165	-	-	0.0258	-	-
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	-	-	0.0217	-	-
Thiamethoxam	µg/l	-	±	-	-	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	-	-	0.0931	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	-	-	0.0955	-	-
Triclopyr	µg/l	0.48	±	0.0503	-	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

Probe: PM02B

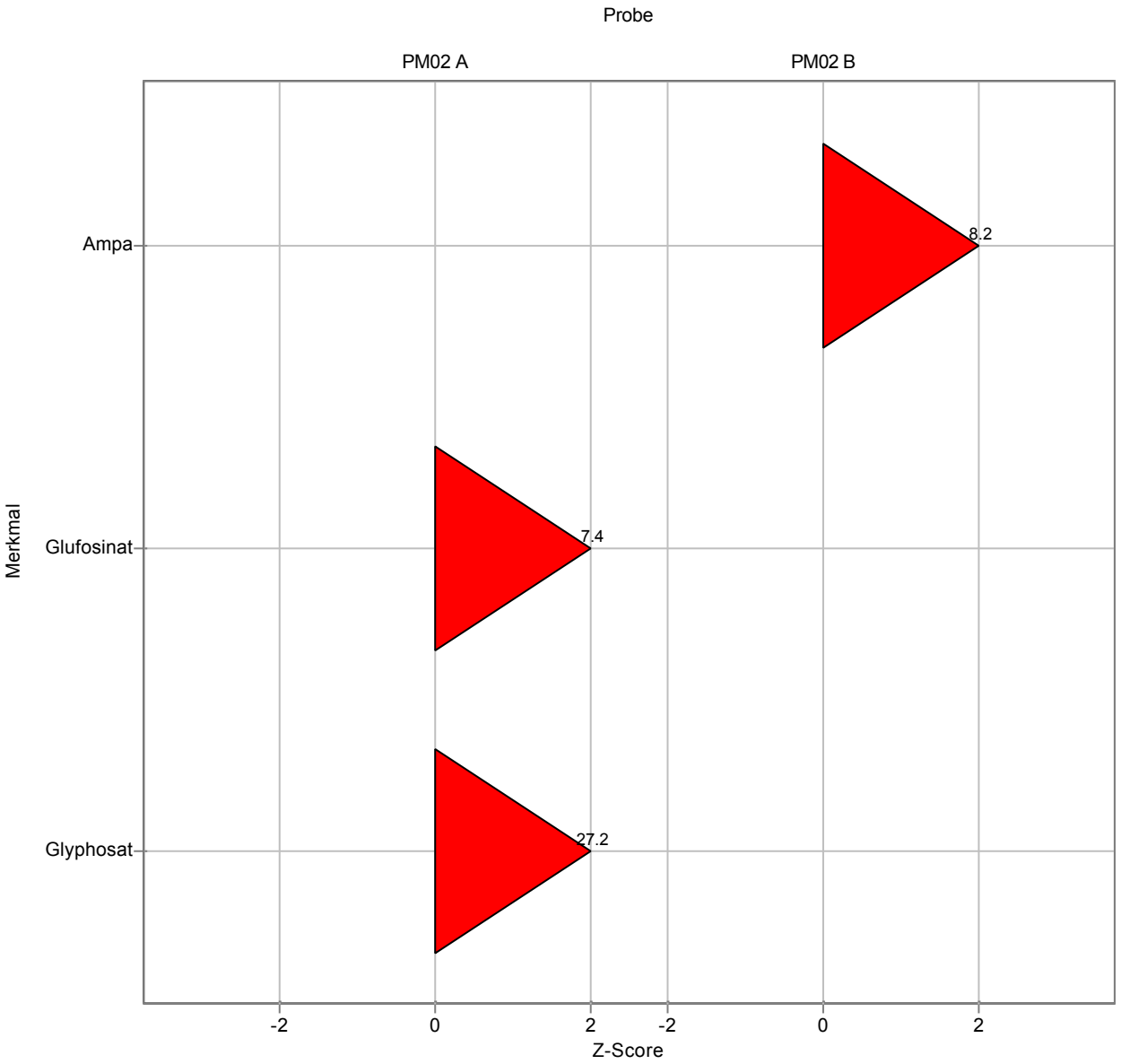
Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	-	-	0.0227	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	-	-	0.192	-	-
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	-	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	-	-	-	-	-
Ampa	µg/l	0.715	±	0.159	2.15	0.67	0.175	301	8.19
Atrazin	µg/l	-	±	-	-	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	-	-	0.0228	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	-	-	0.0493	-	-
Azoxystrobin	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	-	-	-	-	-
Bromacil	µg/l	-	±	-	-	-	-	-	-
Chloridazon	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	-	-	0.225	-	-
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	-	-	0.0104	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	-	-	-	-	-
Dicamba	µg/l	-	±	-	-	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	-	-	0.023	-	-
Dieldrin	µg/l	-	±	-	-	-	-	-	-
Dimethachlor	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	-	-	-	-	-
Ethofumesat	µg/l	-	±	-	-	-	-	-	-
Flufenacet	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Glyphosat	µg/l	-	±	-	<0.011 (BG)	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	-	-	-	-	-
Imidacloprid	µg/l	-	±	-	-	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	-	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	-	-	-	-	-
MCPB	µg/l	0.485	±	0.039	-	-	0.0503	-	-
MCPP (Mecoprop)	µg/l	-	±	-	-	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	-	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	-	-	0.0227	-	-
Metazachlor	µg/l	-	±	-	-	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	-	-	0.441	-	-
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	-	-	0.233	-	-
Metolachlor	µg/l	-	±	-	-	-	-	-	-
Metribuzin	µg/l	-	±	-	-	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	-	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	-	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	-	-	0.0482	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	-	-	0.317	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	-	-	0.171	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	-	-	0.0417	-	-
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	-	-	0.0141	-	-
Thifensulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	-	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02



Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.287	0.06	0.0327	94.8	-0.48
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.806	0.16	0.0884	91.3	-0.87
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	-	-	0.0838	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	-	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.151	0.03	0.0137	97.9	-0.23
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.035 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.142	0.07	0.0226	100	0.03
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.086	0.02	0.0116	94.5	-0.43
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	0.095	0.02	0.00756	109	1.02
Chloridazon-Desphenyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	0.136	0.03	0.0162	84	-1.61
Dicamba	µg/l	0.683	±	0.0311	<0.02 (BG)	-	0.0328	-	-
Dichlorprop	µg/l	0.606	±	0.0444	0.543	0.1	0.0662	89.6	-0.96
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	0.369	0.07	0.0453	85.4	-1.4

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0015

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.598	0.12	0.0433	111	1.4
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.33	0.06	0.0287	112	1.22
Ethofumesat	µg/l	0.153	±	0.0132	0.159	0.03	0.0159	104	0.39
Flufenacet	µg/l	0.43	±	0.0434	0.439	0.08	0.056	102	0.16
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	-	-	0.0641	-	-
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.23	0.05	0.0268	105	0.38
Imidacloprid	µg/l	0.307	±	0.0287	0.248	0.05	0.0358	80.7	-1.65
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	0.356	0.06	0.0518	87.9	-0.95
Isoproturon	µg/l	0.301	±	0.0199	0.287	0.06	0.0303	95.2	-0.48
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.235	0.05	0.0161	99.3	-0.1
MCPB	µg/l	-	±	-	-	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.107	0.02	0.0152	91	-0.7
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	0.569	0.1	0.0524	107	0.69
Metamitron	µg/l	0.51	±	0.0476	0.476	0.09	0.0673	93.3	-0.51
Metazachlor	µg/l	0.26	±	0.00676	0.257	0.05	0.0093	98.8	-0.33
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0015

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	-	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.432	0.09	0.0489	107	0.59
Metribuzin	µg/l	0.0895	±	0.00875	<0.02 (BG)	-	0.0113	-	-
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	0.858	0.1	0.276	93.4	-0.22
Pethoxamid	µg/l	0.176	±	0.0111	0.198	0.04	0.0111	112	1.95
Propazin	µg/l	0.49	±	0.0258	0.476	0.08	0.0344	97.1	-0.41
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.137	0.03	0.0194	90.3	-0.76
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.115	0.02	0.00963	93.8	-0.79
Terbuthylazin	µg/l	0.254	±	0.0165	0.272	0.05	0.0258	107	0.7
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.035 (BG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.282	0.05	0.0217	95.4	-0.62
Thiamethoxam	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	-	-	0.0931	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	-	-	0.0955	-	-
Triclopyr	µg/l	0.48	±	0.0503	-	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

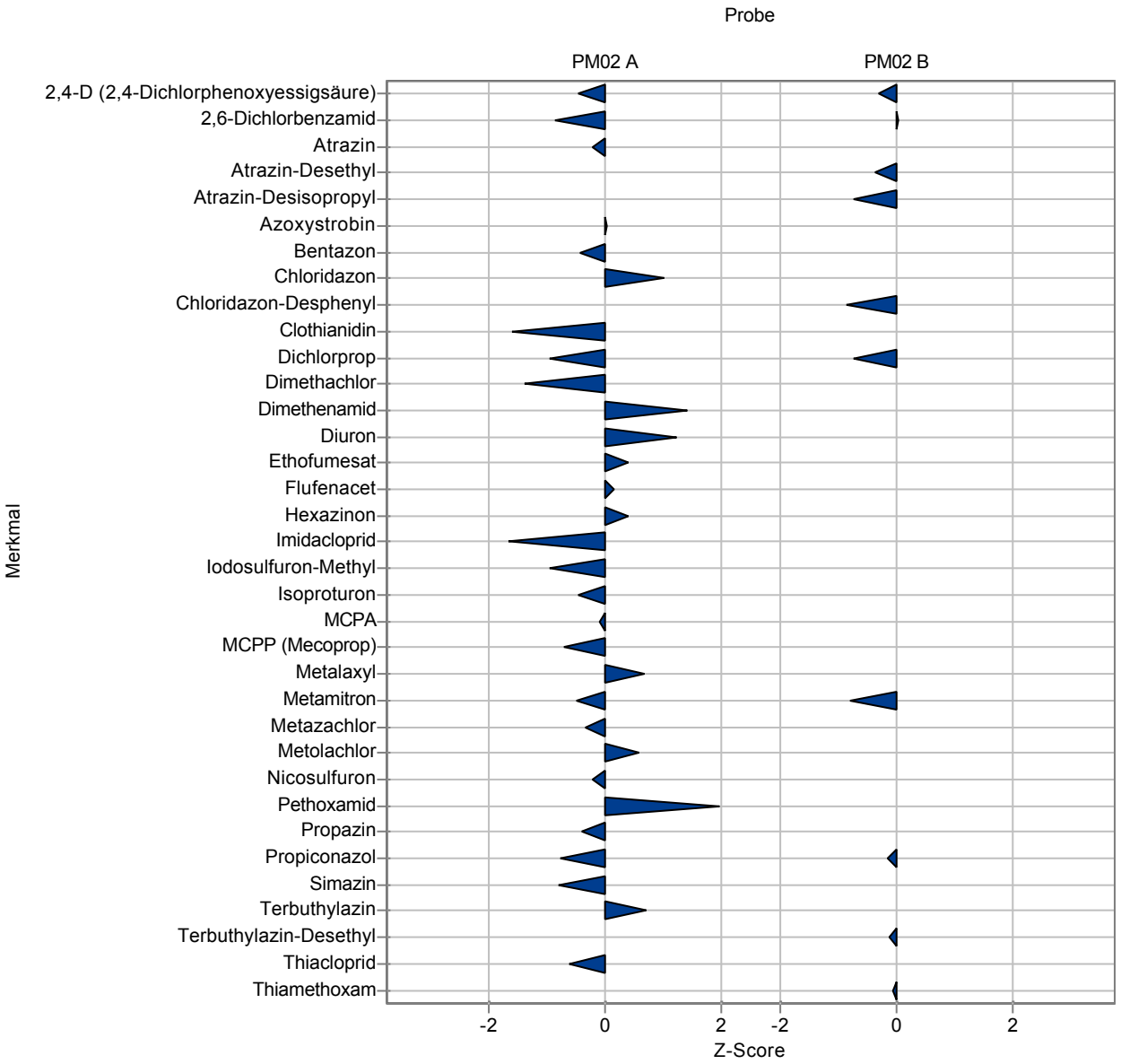
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.184	0.03	0.0227	96.3	-0.31

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.544	0.25	0.192	100	0.05
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	-	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	-	-	-	-	-
Ampa	µg/l	0.715	±	0.159	-	-	0.175	-	-
Atrazin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.204	0.3	0.0228	96.1	-0.36
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.424	0.08	0.0493	92.2	-0.73
Azoxystrobin	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	-	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	2.919	0.3	0.225	93.8	-0.86
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	-	-	0.0104	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Dicamba	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.205	0.05	0.023	92.4	-0.73
Dieldrin	µg/l	-	±	-	-	-	-	-	-
Dimethachlor	µg/l	-	±	-	0.025	0.02	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.035 (BG)	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	-	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	<0.035 (BG)	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	-	-	0.0503	-	-
MCPP (Mecoprop)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.139	0.03	0.0227	88.7	-0.78
Metazachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	-	-	0.441	-	-
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	-	-	0.233	-	-
Metolachlor	µg/l	-	±	-	<0.035 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Propazin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	0.356	0.08	0.0482	98.1	-0.14
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	-	-	0.317	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	-	-	0.171	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.499	0.1	0.0417	98.9	-0.13
Thiacloprid	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.127	0.03	0.0141	99.2	-0.07
Thifensulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	-	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
Atrazin
Atrazin-Desethyl
Atrazin-Desisopropyl
Azoxystrobin
Bentazon
Chloridazon
Chloridazon-Desphenyl
Clothianidin
Dichlorprop
Dimethachlor
Dimethenamid
Diuron
Ethofumesat
Flufenacet
Hexazinon
Imidacloprid
Iodosulfuron-Methyl
Isoproturon
MCPA
MCPP (Mecoprop)
Metalaxyl
Metamitron
Metazachlor
Metolachlor
Nicosulfuron
Pethoxamid
Propazin
Propiconazol
Simazin
Terbuthylazin
Terbuthylazin-Desethyl
Thiacloprid
Thiamethoxam
Merkmal
-2
0
2
-2
0
2
Z-Score

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.296	0.074	0.0327	97.8	-0.2
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.98	0.294	0.0884	111	1.1
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.517	0.103	0.0838	103	0.2
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	0.03	0.006	0.00855	79.1	-0.93
Ampa	µg/l	-	±	-	-	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.149	0.03	0.0137	96.6	-0.38
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.182	0.055	0.0226	129	1.8
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.107	0.021	0.0116	118	1.37
Bromacil	µg/l	0.164	±	0.0144	0.157	0.031	0.0152	95.9	-0.44
Chloridazon	µg/l	0.0873	±	0.00567	<0.1 (BG)	-	0.00756	-	-
Chloridazon-Desphenyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	0.419	0.105	0.0718	120	0.95
Clothianidin	µg/l	0.162	±	0.0146	0.238	0.048	0.0162	147	4.7
Dicamba	µg/l	0.683	±	0.0311	0.625	0.125	0.0328	91.5	-1.78
Dichlorprop	µg/l	0.606	±	0.0444	0.531	0.106	0.0662	87.6	-1.14
Dieldrin	µg/l	0.06	±	0.0154	0.042	0.0084	0.0163	70	-1.1
Dimethachlor	µg/l	0.432	±	0.0351	0.396	0.079	0.0453	91.6	-0.8

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.491	0.0982	0.0433	91.4	-1.07
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.265	0.053	0.0287	89.9	-1.04
Ethofumesat	µg/l	0.153	±	0.0132	0.105	0.021	0.0159	68.7	-3.02
Flufenacet	µg/l	0.43	±	0.0434	0.416	0.083	0.056	96.8	-0.25
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	-	-	0.0641	-	-
Heptachlor	µg/l	0.0486	±	0.0266	<0.03 (BG)	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.174	0.035	0.0268	79.2	-1.71
Imidacloprid	µg/l	0.307	±	0.0287	0.272	0.068	0.0358	88.5	-0.98
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	0.436	0.131	0.0518	108	0.59
Isoproturon	µg/l	0.301	±	0.0199	0.249	0.05	0.0303	82.6	-1.73
Isoproturon-Desmethyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.249	0.05	0.0161	105	0.77
MCPB	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.098	0.02	0.0152	83.3	-1.29
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	0.221	0.044	0.0241	97	-0.28
Metalaxyl	µg/l	0.533	±	0.0393	0.451	0.09	0.0524	84.6	-1.56
Metamitron	µg/l	0.51	±	0.0476	0.462	0.092	0.0673	90.6	-0.71
Metazachlor	µg/l	0.26	±	0.00676	0.256	0.051	0.0093	98.4	-0.44
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	<0.1 (BG)	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0016

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.282	0.056	0.0489	70	-2.47
Metribuzin	µg/l	0.0895	±	0.00875	0.075	0.015	0.0113	83.8	-1.29
Metribuzin-Desamino	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	0.273	0.055	0.0362	107	0.52
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	0.91	0.182	0.276	99.1	-0.03
Pethoxamid	µg/l	0.176	±	0.0111	0.177	0.053	0.0111	100	0.06
Propazin	µg/l	0.49	±	0.0258	0.511	0.102	0.0344	104	0.6
Propazin-2-Hydroxy	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.158	0.032	0.0194	104	0.32
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.118	0.024	0.00963	96.2	-0.48
Terbuthylazin	µg/l	0.254	±	0.0165	0.278	0.056	0.0258	109	0.93
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.289	0.058	0.0217	97.8	-0.3
Thiamethoxam	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.842	0.253	0.0931	110	0.83
Tolylfluanid	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	0.116	0.023	0.0955	75.5	-0.4
Triclopyr	µg/l	0.48	±	0.0503	0.412	0.082	0.0531	85.8	-1.28
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	0.467	0.093	0.15	115	0.4
Tritosulfuron	µg/l	-	±	-	0.615	0.123	-	-	-

Probe: PM02B

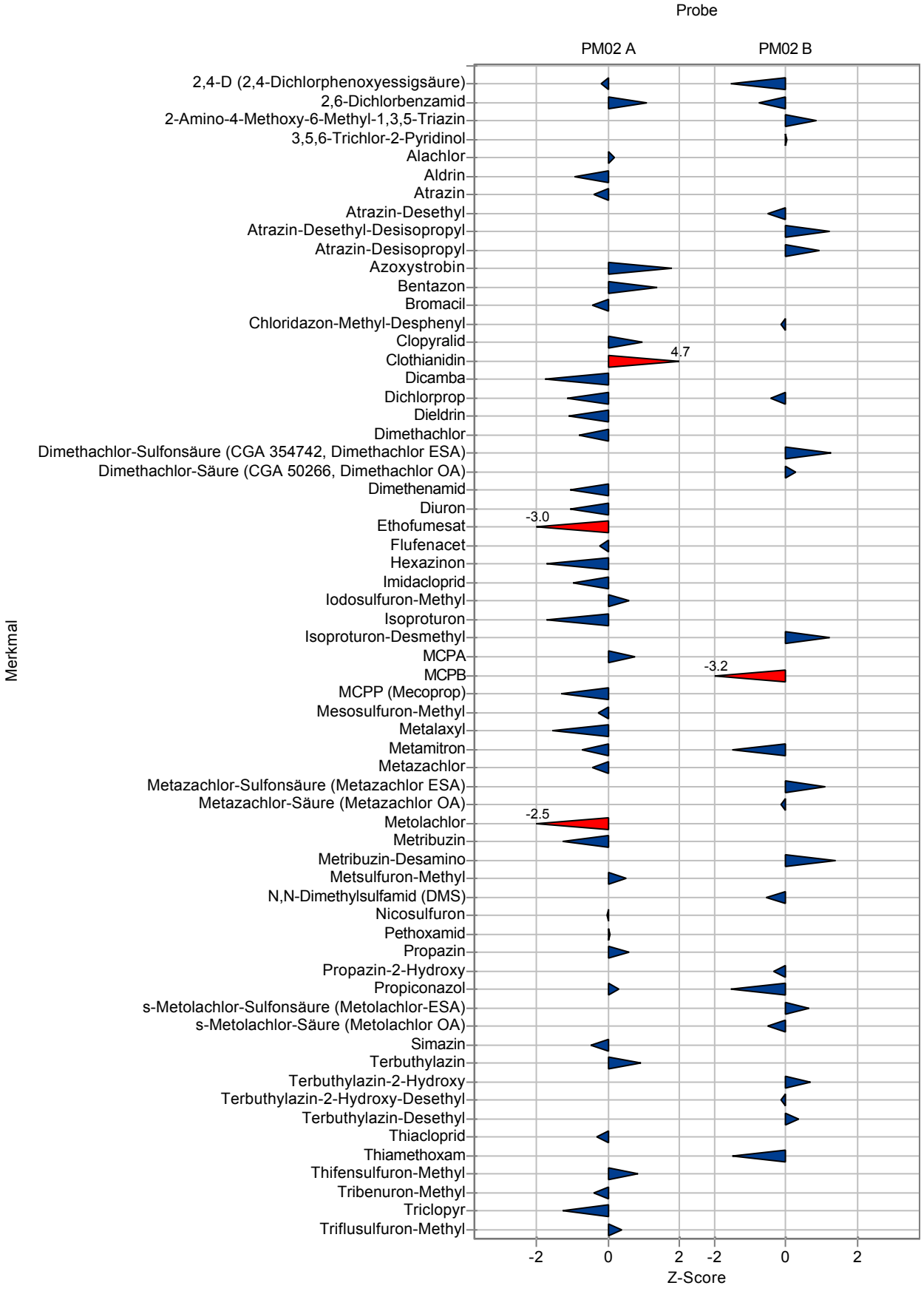
Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.156	0.039	0.0227	81.6	-1.55

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.386	0.716	0.192	94.1	-0.78
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	0.194	0.039	0.0143	107	0.86
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	0.41	0.082	0.149	101	0.03
Alachlor	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Ampa	µg/l	0.715	±	0.159	-	-	0.175	-	-
Atrazin	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.201	0.04	0.0228	94.7	-0.49
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	1.091	0.218	0.18	125	1.22
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.505	0.101	0.0493	110	0.92
Azoxystrobin	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	-	-	0.225	-	-
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	0.114	0.034	0.0104	98.9	-0.12
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Clothianidin	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Dicamba	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.212	0.042	0.023	95.6	-0.43
Dieldrin	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Dimethachlor	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	0.527	0.105	0.0516	114	1.26
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	0.212	0.042	0.0429	106	0.27

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	-	-	-	-	-
Heptachlor	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	0.16	0.032	0.0104	109	1.22
MCPA	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.326	0.098	0.0503	67.3	-3.15
MCPP (Mecoprop)	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.123	0.025	0.0227	78.5	-1.49
Metazachlor	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	3.249	0.975	0.441	117	1.09
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	1.291	0.387	0.233	97.7	-0.13
Metolachlor	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.1 (BG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	0.298	0.089	0.0305	116	1.38
Metsulfuron-Methyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	0.952	0.286	0.205	89.2	-0.56
Nicosulfuron	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Propazin	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	0.199	0.04	0.0183	97.1	-0.33
Propiconazol	µg/l	0.363	±	0.0362	0.289	0.058	0.0482	79.6	-1.53
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	2.952	0.886	0.317	107	0.65
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	1	0.3	0.171	91.6	-0.53
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	0.22	0.066	0.0244	108	0.67
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	0.119	0.024	0.0209	97.4	-0.15
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.519	0.156	0.0417	103	0.35
Thiacloprid	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.107	0.021	0.0141	83.6	-1.49
Thifensulfuron-Methyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Tolylfluanid	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Triclopyr	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Tritosulfuron	µg/l	-	±	-	<0.1 (BG)	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin
3,5,6-Trichlor-2-Pyridinol
Alachlor
Aldrin
Atrazin
Atrazin-Desethyl
Atrazin-Desethyl-Desisopropyl
Atrazin-Desisopropyl
Azoxystrobin
Bentazon
Bromacil
Chloridazon-Methyl-Desphenyl
Clopyralid
Clothianidin
4.7
Dicamba
Dichlorprop
Dieldrin
Dimethachlor
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)
Dimethenamid
Diuron
Ethofumesat
-3.0
Flufenacet
Hexazinon
Imidacloprid
Iodosulfuron-Methyl
Isoproturon
Isoproturon-Desmethyl
MCPA
MCPB
-3.2
MCPP (Mecoprop)
Mesosulfuron-Methyl
Metalaxyl
Metamitron
Metazachlor
Metazachlor-Sulfonsäure (Metazachlor ESA)
Metazachlor-Säure (Metazachlor OA)
Metolachlor
-2.5
Metribuzin
Metribuzin-Desamino
Metsulfuron-Methyl
N,N-Dimethylsulfamid (DMS)
Nicosulfuron
Pethoxamid
Propazin
Propazin-2-Hydroxy
Propiconazol
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
s-Metolachlor-Säure (Metolachlor OA)
Simazin
Terbuthylazin
Terbuthylazin-2-Hydroxy
Terbuthylazin-2-Hydroxy-Desethyl
Terbuthylazin-Desethyl
Thiacloprid
Thiamethoxam
Thifensulfuron-Methyl
Tribenuron-Methyl
Triclopyr
Triflusulfuron-Methyl
-2
0
2
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.309	0.062	0.0327	102	0.19
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.737	0.147	0.0884	83.5	-1.65
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.62	0.124	0.0838	124	1.43
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	<0.02 (NG)	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.174	0.023	0.0137	113	1.45
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	0.005	0.001	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.005 (NG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.172	0.031	0.0226	122	1.36
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.101	0.013	0.0116	111	0.85
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	0.051	0.008	0.00756	58.4	-4.8
Chloridazon-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	0.448	0.09	0.0718	128	1.36
Clothianidin	µg/l	0.162	±	0.0146	0.244	0.037	0.0162	151	5.07
Dicamba	µg/l	0.683	±	0.0311	-	-	0.0328	-	-
Dichlorprop	µg/l	0.606	±	0.0444	0.686	0.124	0.0662	113	1.2
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	-	-	0.0453	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	-	-	0.0433	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.332	0.05	0.0287	113	1.29
Ethofumesat	µg/l	0.153	±	0.0132	0.172	0.026	0.0159	113	1.21
Flufenacet	µg/l	0.43	±	0.0434	0.498	0.075	0.056	116	1.22
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	0.441	0.057	0.0641	120	1.17
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.28	0.042	0.0268	127	2.25
Imidacloprid	µg/l	0.307	±	0.0287	0.365	0.066	0.0358	119	1.61
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	0.485	0.097	0.0518	120	1.54
Isoproturon	µg/l	0.301	±	0.0199	0.358	0.046	0.0303	119	1.87
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.248	0.037	0.0161	105	0.7
MCPB	µg/l	-	±	-	-	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.137	0.027	0.0152	116	1.27
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	0.192	0.057	0.0241	84.3	-1.48
Metalaxyl	µg/l	0.533	±	0.0393	0.634	0.082	0.0524	119	1.93
Metamitron	µg/l	0.51	±	0.0476	0.229	0.041	0.0673	44.9	-4.18
Metazachlor	µg/l	0.26	±	0.00676	0.304	0.046	0.0093	117	4.73
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0017

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	-	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.5	0.075	0.0489	124	1.98
Metribuzin	µg/l	0.0895	±	0.00875	0.134	0.02	0.0113	150	3.94
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	0.291	0.044	0.0362	115	1.02
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	-	-	0.276	-	-
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	-	-	0.0344	-	-
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.191	0.038	0.0194	126	2.02
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.161	0.024	0.00963	131	3.99
Terbuthylazin	µg/l	0.254	±	0.0165	0.283	0.037	0.0258	111	1.13
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.001 (NG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.334	0.05	0.0217	113	1.77
Thiamethoxam	µg/l	-	±	-	<0.002 (NG)	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.949	0.218	0.0931	124	1.98
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	0.068	0.017	0.0955	44.2	-0.9
Triclopyr	µg/l	0.48	±	0.0503	-	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	0.691	0.138	0.15	170	1.89
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

Probe: PM02B

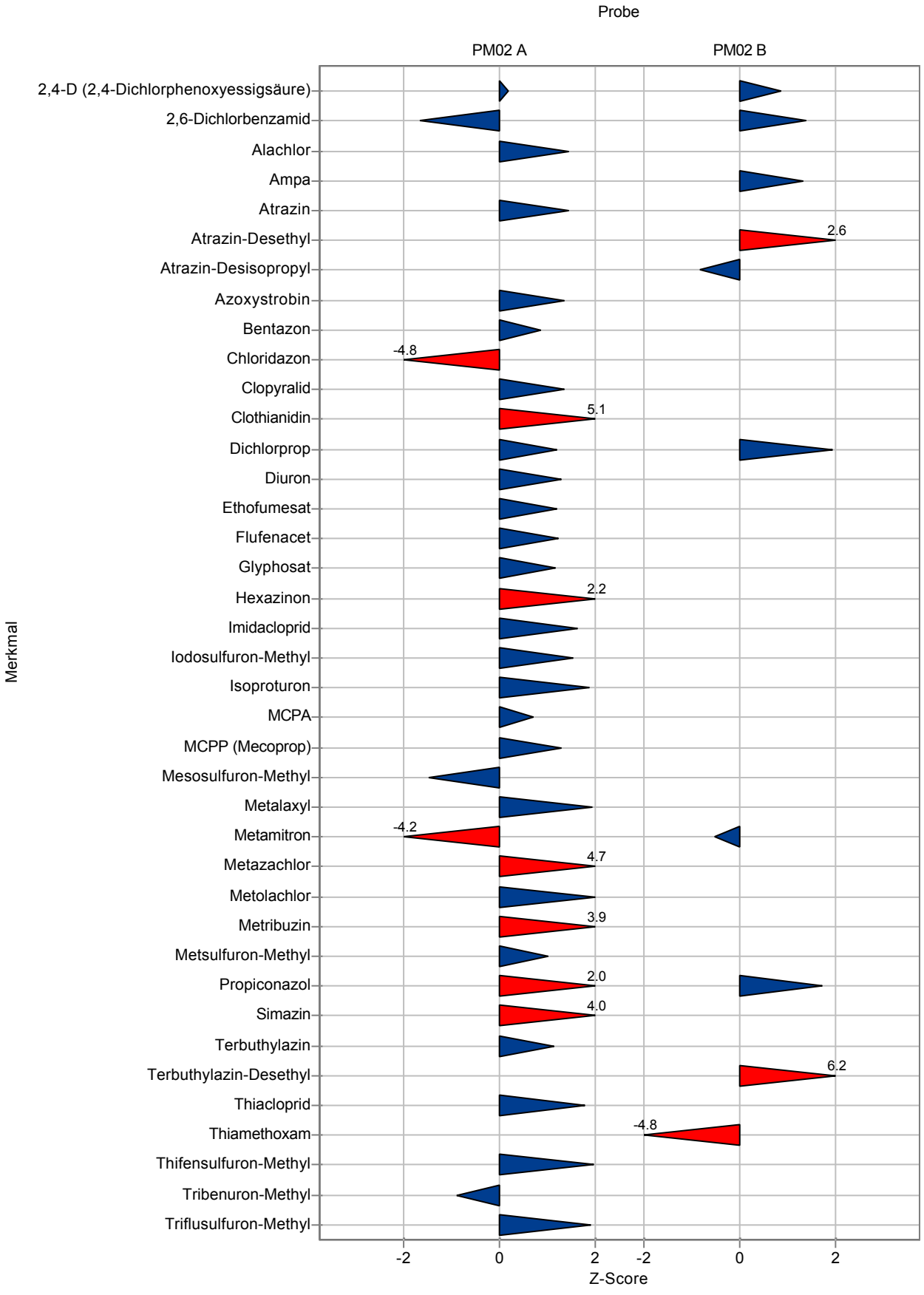
Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.211	0.042	0.0227	110	0.88

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.8	0.56	0.192	110	1.38
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	<0.005 (NG)	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	-	-	-	-	-
Ampa	µg/l	0.715	±	0.159	0.947	0.123	0.175	132	1.32
Atrazin	µg/l	-	±	-	0.003	0.001	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.272	0.041	0.0228	128	2.61
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.419	0.063	0.0493	91.1	-0.83
Azoxystrobin	µg/l	-	±	-	<0.002 (BG)	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.005 (NG)	-	-	-	-
Bromacil	µg/l	-	±	-	-	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.002 (NG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	-	-	0.225	-	-
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	-	-	0.0104	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	<0.01 (NG)	-	-	-	-
Clothianidin	µg/l	-	±	-	<0.005 (NG)	-	-	-	-
Dicamba	µg/l	-	±	-	-	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.266	0.048	0.023	120	1.92
Dieldrin	µg/l	-	±	-	-	-	-	-	-
Dimethachlor	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	<0.002 (NG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.003 (NG)	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.001 (NG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	<0.01 (NG)	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	<0.001 (NG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	<0.001 (NG)	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	<0.002 (NG)	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.001 (NG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	<0.005 (NG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	-	-	0.0503	-	-
MCPP (Mecoprop)	µg/l	-	±	-	<0.005 (NG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	<0.005 (NG)	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.001 (NG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.145	0.026	0.0227	92.5	-0.52
Metazachlor	µg/l	-	±	-	<0.001 (NG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	-	-	0.441	-	-
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	-	-	0.233	-	-
Metolachlor	µg/l	-	±	-	<0.002 (NG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.005 (NG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	<0.002 (NG)	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	-	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	-	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	0.446	0.089	0.0482	123	1.72
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	-	-	0.317	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	-	-	0.171	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.001 (NG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.001 (NG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.762	0.114	0.0417	151	6.17
Thiacloprid	µg/l	-	±	-	<0.001 (NG)	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.06	0.014	0.0141	46.9	-4.81
Thifensulfuron-Methyl	µg/l	-	±	-	<0.002 (NG)	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	<0.002 (NG)	-	-	-	-
Triclopyr	µg/l	-	±	-	-	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	<0.001 (NG)	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
Alachlor
Ampa
Atrazin
Atrazin-Desethyl
Atrazin-Desisopropyl
Azoxystrobin
Bentazon
Chloridazon
Clopyralid
Clothianidin
Dichlorprop
Diuron
Ethofumesat
Flufenacet
Glyphosat
Hexazinon
Imidacloprid
Iodosulfuron-Methyl
Isoproturon
MCPA
MCPP (Mecoprop)
Mesosulfuron-Methyl
Metalaxyl
Metamitron
Metazachlor
Metolachlor
Metribuzin
Metsulfuron-Methyl
Propiconazol
Simazin
Terbuthylazin
Terbuthylazin-Desethyl
Thiacloprid
Thiamethoxam
Thifensulfuron-Methyl
Tribenuron-Methyl
Triflusulfuron-Methyl
2.6
-4.8
5.1
2.2
-4.2
4.7
3.9
2.0
4.0
6.2
-4.8
-2
0
2
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.284	0.085	0.0327	93.8	-0.57
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.856	0.171	0.0884	97	-0.3
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	-	-	0.0838	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	-	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.159	0.032	0.0137	103	0.35
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	-	-	0.0226	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.086	0.017	0.0116	94.5	-0.43
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	0.089	0.018	0.00756	102	0.23
Chloridazon-Desphenyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	-	-	0.0162	-	-
Dicamba	µg/l	0.683	±	0.0311	-	-	0.0328	-	-
Dichlorprop	µg/l	0.606	±	0.0444	0.608	0.122	0.0662	100	0.02
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	-	-	0.0453	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	-	-	0.0433	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.309	0.062	0.0287	105	0.49
Ethofumesat	µg/l	0.153	±	0.0132	-	-	0.0159	-	-
Flufenacet	µg/l	0.43	±	0.0434	-	-	0.056	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	-	-	0.0641	-	-
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	-	-	0.0268	-	-
Imidacloprid	µg/l	0.307	±	0.0287	-	-	0.0358	-	-
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	-	-	0.0518	-	-
Isoproturon	µg/l	0.301	±	0.0199	0.31	0.062	0.0303	103	0.28
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.237	0.047	0.0161	100	0.02
MCPB	µg/l	-	±	-	-	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.111	0.033	0.0152	94.4	-0.44
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	-	-	0.0524	-	-
Metamitron	µg/l	0.51	±	0.0476	0.534	0.107	0.0673	105	0.35
Metazachlor	µg/l	0.26	±	0.00676	0.274	0.055	0.0093	105	1.5
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0018

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.398	0.08	0.0489	98.8	-0.1
Metribuzin	µg/l	0.0895	±	0.00875	0.093	0.019	0.0113	104	0.31
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	-	-	0.276	-	-
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	0.516	0.103	0.0344	105	0.75
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	-	-	0.0194	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.123	0.025	0.00963	100	0.04
Terbuthylazin	µg/l	0.254	±	0.0165	0.259	0.052	0.0258	102	0.2
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	-	-	0.0217	-	-
Thiamethoxam	µg/l	-	±	-	-	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	-	-	0.0931	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	-	-	0.0955	-	-
Triclopyr	µg/l	0.48	±	0.0503	-	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

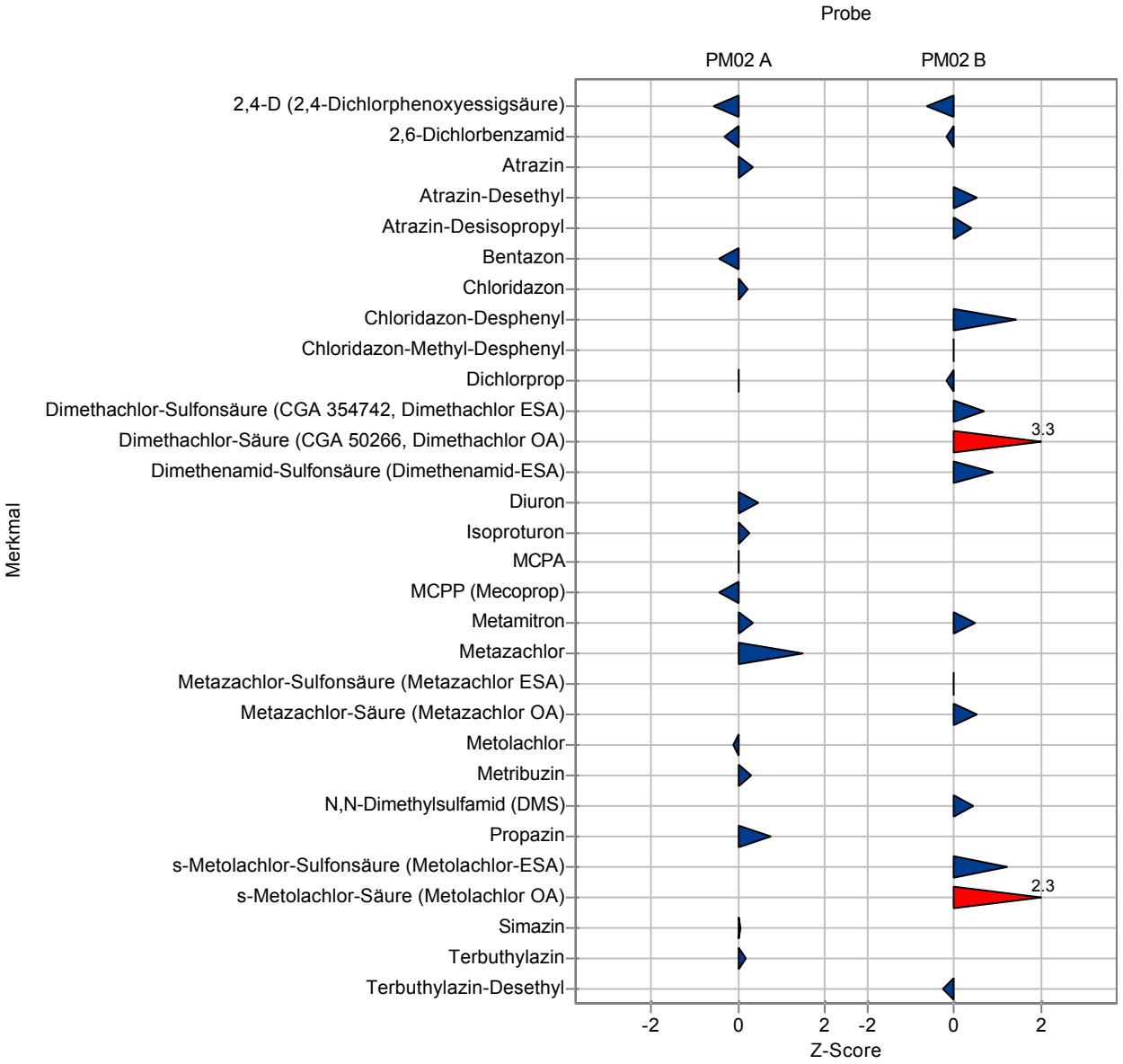
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.177	0.053	0.0227	92.6	-0.62

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.502	0.5	0.192	98.7	-0.17
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	-	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	-	-	-	-	-
Ampa	µg/l	0.715	±	0.159	-	-	0.175	-	-
Atrazin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.224	0.045	0.0228	106	0.51
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.479	0.096	0.0493	104	0.39
Azoxystrobin	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	-	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	3.432	1.716	0.225	110	1.42
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	0.115	0.023	0.0104	99.8	-0.03
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	1.852	0.556	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	-	-	-	-	-
Dicamba	µg/l	-	±	-	-	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.218	0.044	0.023	98.3	-0.17
Dieldrin	µg/l	-	±	-	-	-	-	-	-
Dimethachlor	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	0.497	0.249	0.0516	108	0.68
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	0.341	0.068	0.0429	170	3.28

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	1.086	0.543	0.197	119	0.89
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	-	-	-	-	-
Flufenacet	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	-	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	-	-	-	-	-
Imidacloprid	µg/l	-	±	-	-	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	-	-	0.0503	-	-
MCPP (Mecoprop)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	-	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.168	0.034	0.0227	107	0.5
Metazachlor	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	2.765	0.553	0.441	100	0.00
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	1.438	0.288	0.233	109	0.5
Metolachlor	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	1.156	0.578	0.205	108	0.43
Nicosulfuron	µg/l	-	±	-	-	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	-	-	0.0482	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	3.136	0.627	0.317	114	1.23
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	1.479	0.296	0.171	136	2.27
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.494	0.099	0.0417	97.9	-0.25
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	-	-	0.0141	-	-
Thifensulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	-	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
Atrazin
Atrazin-Desethyl
Atrazin-Desisopropyl
Bentazon
Chloridazon
Chloridazon-Desphenyl
Chloridazon-Methyl-Desphenyl
Dichlorprop
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)
Diuron
Isoproturon
MCPA
MCPP (Mecoprop)
Metamitron
Metazachlor
Metazachlor-Sulfonsäure (Metazachlor ESA)
Metazachlor-Säure (Metazachlor OA)
Metolachlor
Metribuzin
N,N-Dimethylsulfamid (DMS)
Propazin
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
s-Metolachlor-Säure (Metolachlor OA)
Simazin
Terbuthylazin
Terbuthylazin-Desethyl
3.3
2.3
-2
0
2
-2
0
2
Z-Score

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.34	0.085	0.0327	112	1.14
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	-	-	0.0884	-	-
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.54	0.135	0.0838	108	0.47
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	0.01	0.0025	0.00855	26.4	-3.27
Ampa	µg/l	-	±	-	<0.2 (BG)	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.13	0.0325	0.0137	84.3	-1.76
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.16	0.04	0.0226	113	0.82
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.07	0.0175	0.0116	76.9	-1.81
Bromacil	µg/l	0.164	±	0.0144	0.16	0.04	0.0152	97.7	-0.24
Chloridazon	µg/l	0.0873	±	0.00567	0.09	0.0225	0.00756	103	0.36
Chloridazon-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	0.29	0.0725	0.0162	179	7.91
Dicamba	µg/l	0.683	±	0.0311	-	-	0.0328	-	-
Dichlorprop	µg/l	0.606	±	0.0444	0.59	0.1475	0.0662	97.3	-0.25
Dieldrin	µg/l	0.06	±	0.0154	0.03	0.0075	0.0163	50	-1.84
Dimethachlor	µg/l	0.432	±	0.0351	0.44	0.11	0.0453	102	0.17

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.52	0.13	0.0433	96.8	-0.4
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.29	0.0725	0.0287	98.4	-0.17
Ethofumesat	µg/l	0.153	±	0.0132	-	-	0.0159	-	-
Flufenacet	µg/l	0.43	±	0.0434	0.55	0.1375	0.056	128	2.15
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	0.4	0.1	0.0641	109	0.53
Heptachlor	µg/l	0.0486	±	0.0266	0.018	0.0045	0.0281	37	-1.09
Heptachlorepoxid	µg/l	-	±	-	<0.001 (BG)	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.25	0.0625	0.0268	114	1.13
Imidacloprid	µg/l	0.307	±	0.0287	-	-	0.0358	-	-
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	0.35	0.0875	0.0518	86.4	-1.06
Isoproturon	µg/l	0.301	±	0.0199	0.35	0.0875	0.0303	116	1.6
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.44	0.11	0.0161	186	12.6
MCPB	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	-	-	0.0152	-	-
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	0.51	0.1275	0.0524	95.7	-0.44
Metamitron	µg/l	0.51	±	0.0476	0.43	0.1075	0.0673	84.3	-1.19
Metazachlor	µg/l	0.26	±	0.00676	0.27	0.0675	0.0093	104	1.07
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0019

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	-	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.44	0.11	0.0489	109	0.76
Metribuzin	µg/l	0.0895	±	0.00875	0.11	0.0275	0.0113	123	1.81
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	0.32	0.08	0.0362	126	1.82
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	1.46	0.365	0.276	159	1.96
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	0.48	0.12	0.0344	97.9	-0.3
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.15	0.0375	0.0194	98.8	-0.09
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.22	0.055	0.00963	179	10.1
Terbuthylazin	µg/l	0.254	±	0.0165	0.26	0.065	0.0258	102	0.24
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.29	0.0725	0.0217	98.2	-0.25
Thiamethoxam	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.44	0.11	0.0931	57.5	-3.49
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	0.15	0.0375	0.0955	97.6	-0.04
Triclopyr	µg/l	0.48	±	0.0503	-	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	0.36	0.09	0.15	88.6	-0.31
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

Probe: PM02B

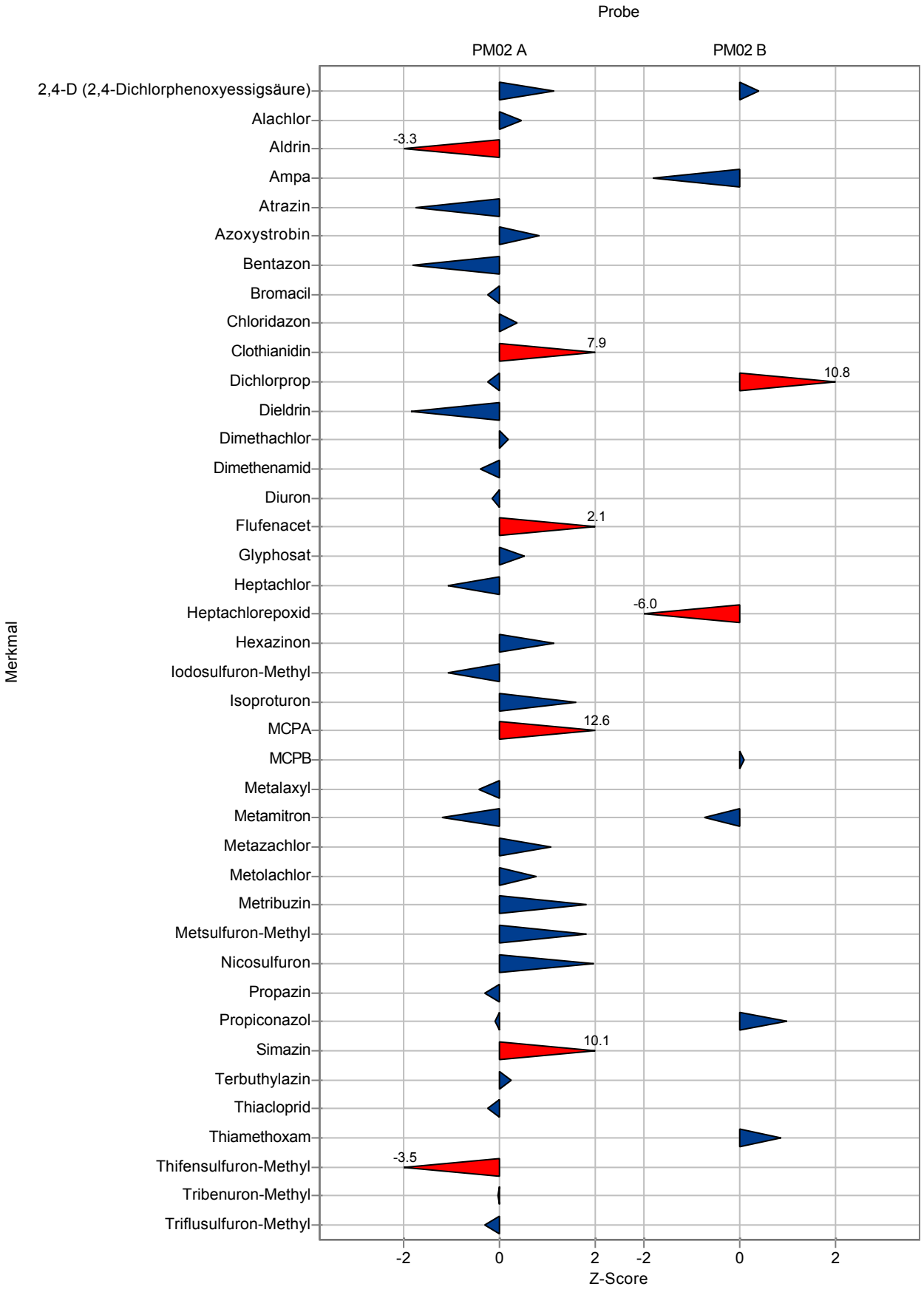
Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.2	0.05	0.0227	105	0.39

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	-	-	0.192	-	-
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	<0.001 (BG)	-	-	-	-
Ampa	µg/l	0.715	±	0.159	0.4	0.1	0.175	55.9	-1.8
Atrazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	-	-	0.0228	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	-	-	0.0493	-	-
Azoxystrobin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	-	-	0.225	-	-
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	-	-	0.0104	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dicamba	µg/l	-	±	-	-	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.47	0.1175	0.023	212	10.8
Dieldrin	µg/l	-	±	-	<0.001 (BG)	-	-	-	-
Dimethachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	-	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	<0.2 (BG)	-	-	-	-
Heptachlor	µg/l	-	±	-	<0.001 (BG)	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	0.068	0.017	0.0196	36.8	-5.95
Hexazinon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	-	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.49	0.1225	0.0503	101	0.11
MCPP (Mecoprop)	µg/l	-	±	-	-	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.14	0.035	0.0227	89.3	-0.74
Metazachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	-	-	0.441	-	-
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	-	-	0.233	-	-
Metolachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	0.41	0.1025	0.0482	113	0.97
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	-	-	0.317	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	-	-	0.171	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	-	-	0.0417	-	-
Thiacloprid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.14	0.035	0.0141	109	0.85
Thifensulfuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Triclopyr	µg/l	-	±	-	-	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
Alachlor
Aldrin
Ampa
Atrazin
Azoxystrobin
Bentazon
Bromacil
Chloridazon
Clothianidin
Dichlorprop
Dieldrin
Dimethachlor
Dimethenamid
Diuron
Flufenacet
Glyphosat
Heptachlor
Heptachlorepoxid
Hexazinon
Iodosulfuron-Methyl
Isoproturon
MCPA
MCPB
Metalaxyl
Metamitron
Metazachlor
Metolachlor
Metribuzin
Metsulfuron-Methyl
Nicosulfuron
Propazin
Propiconazol
Simazin
Terbuthylazin
Thiacloprid
Thiamethoxam
Thifensulfuron-Methyl
Tribenuron-Methyl
Triflusulfuron-Methyl
-3.3
7.9
10.8
2.1
-6.0
12.6
10.1
-3.5
-2
0
2
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.36	0.054	0.0327	119	1.75
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.84	0.126	0.0884	95.2	-0.48
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.466	0.0699	0.0838	93.1	-0.41
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	-	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.155	0.02325	0.0137	101	0.06
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	-	-	0.0226	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.068	0.0102	0.0116	74.7	-1.98
Bromacil	µg/l	0.164	±	0.0144	0.173	0.02595	0.0152	106	0.61
Chloridazon	µg/l	0.0873	±	0.00567	-	-	0.00756	-	-
Chloridazon-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	-	-	0.0162	-	-
Dicamba	µg/l	0.683	±	0.0311	0.63	0.0945	0.0328	92.2	-1.63
Dichlorprop	µg/l	0.606	±	0.0444	0.733	0.10995	0.0662	121	1.91
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	-	-	0.0453	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	-	-	0.0433	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.234	0.0351	0.0287	79.4	-2.12
Ethofumesat	µg/l	0.153	±	0.0132	-	-	0.0159	-	-
Flufenacet	µg/l	0.43	±	0.0434	0.404	0.0606	0.056	94	-0.46
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	-	-	0.0641	-	-
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.188	0.0282	0.0268	85.6	-1.19
Imidacloprid	µg/l	0.307	±	0.0287	-	-	0.0358	-	-
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	-	-	0.0518	-	-
Isoproturon	µg/l	0.301	±	0.0199	0.293	0.04395	0.0303	97.2	-0.28
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.224	0.0336	0.0161	94.7	-0.78
MCPB	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.15	0.0225	0.0152	128	2.13
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	0.51	0.0765	0.0524	95.7	-0.44
Metamitron	µg/l	0.51	±	0.0476	0.481	0.07215	0.0673	94.3	-0.43
Metazachlor	µg/l	0.26	±	0.00676	0.252	0.0378	0.0093	96.9	-0.87
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0020

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	-	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.386	0.0579	0.0489	95.8	-0.35
Metribuzin	µg/l	0.0895	±	0.00875	-	-	0.0113	-	-
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	0.233	0.03495	0.0362	91.7	-0.58
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	2.94	0.441	0.276	320	7.31
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	0.419	0.06285	0.0344	85.5	-2.07
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	-	-	0.0194	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.135	0.02025	0.00963	110	1.29
Terbuthylazin	µg/l	0.254	±	0.0165	0.292	0.0438	0.0258	115	1.48
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	-	-	0.0217	-	-
Thiamethoxam	µg/l	-	±	-	-	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.703	0.10545	0.0931	91.9	-0.67
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	-	-	0.0955	-	-
Triclopyr	µg/l	0.48	±	0.0503	-	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	0.497	0.07455	0.15	122	0.6
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

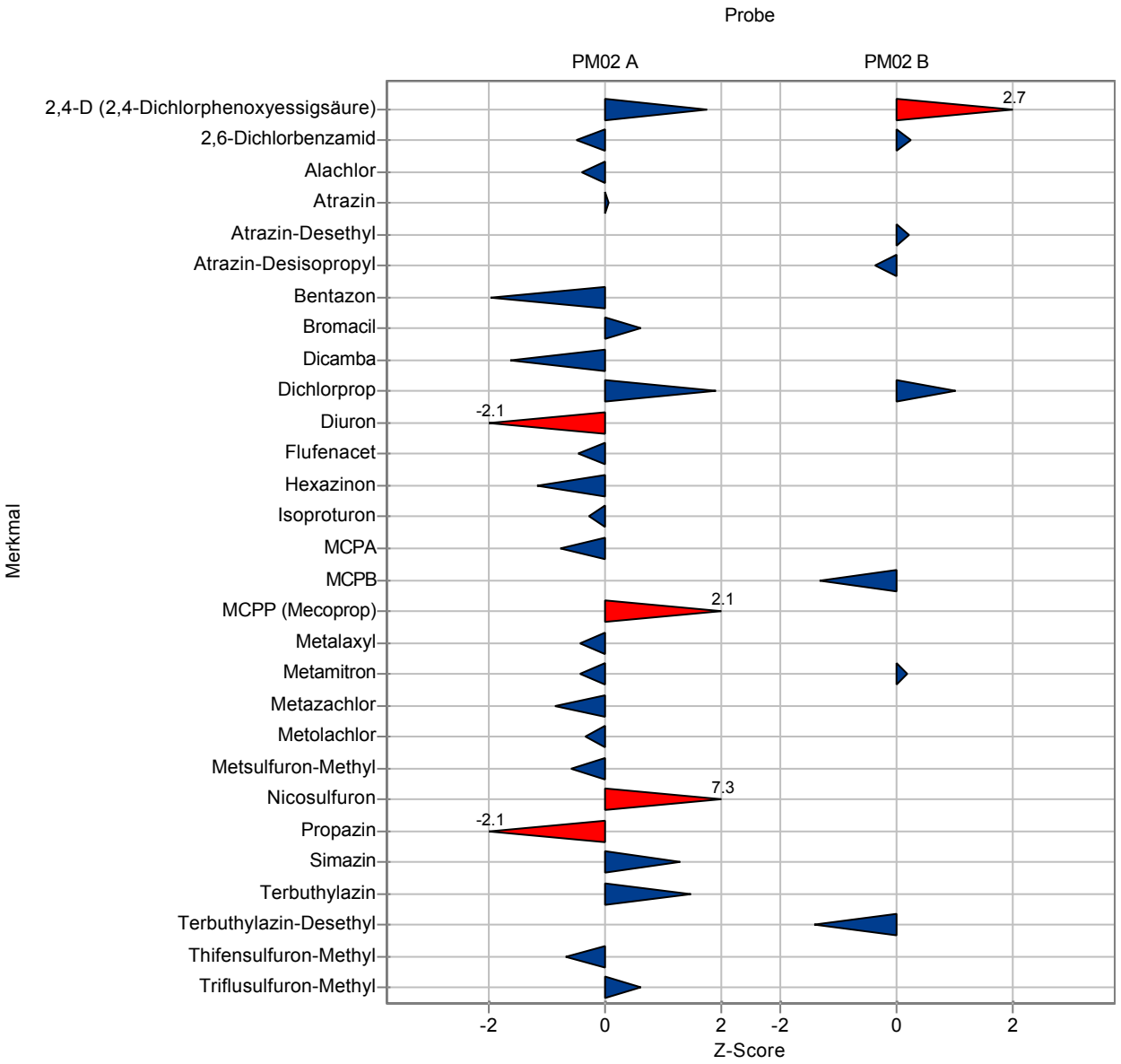
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.253	0.03795	0.0227	132	2.73

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.585	0.38775	0.192	102	0.26
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	-	-	-	-	-
Ampa	µg/l	0.715	±	0.159	-	-	0.175	-	-
Atrazin	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.217	0.03255	0.0228	102	0.21
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.442	0.0663	0.0493	96.1	-0.36
Azoxystrobin	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Chloridazon	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	-	-	0.225	-	-
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	-	-	0.0104	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	-	-	-	-	-
Dicamba	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.245	0.03675	0.023	110	1.01
Dieldrin	µg/l	-	±	-	-	-	-	-	-
Dimethachlor	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	-	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	-	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	-	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.419	0.06285	0.0503	86.5	-1.3
MCPP (Mecoprop)	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.161	0.02415	0.0227	103	0.19
Metazachlor	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	-	-	0.441	-	-
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	-	-	0.233	-	-
Metolachlor	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	-	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	-	-	0.0482	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	-	-	0.317	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	-	-	0.171	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.446	0.0669	0.0417	88.4	-1.4
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	-	-	0.0141	-	-
Thifensulfuron-Methyl	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	-	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
Alachlor
Atrazin
Atrazin-Desethyl
Atrazin-Desisopropyl
Bentazon
Bromacil
Dicamba
Dichlorprop
Diuron
Flufenacet
Hexazinon
Isoproturon
MCPA
MCPB
MCPP (Mecoprop)
Metalaxyl
Metamitron
Metazachlor
Metolachlor
Metsulfuron-Methyl
Nicosulfuron
Propazin
Simazin
Terbuthylazin
Terbuthylazin-Desethyl
Thifensulfuron-Methyl
Triflusulfuron-Methyl
2.7
-2.1
2.1
7.3
-2.1
-2
0
2
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.339	0.1017	0.0327	112	1.11
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.866	0.2598	0.0884	98.1	-0.19
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.462	0.1386	0.0838	92.3	-0.46
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	-	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.152	0.0456	0.0137	98.6	-0.16
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.015 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.151	0.0453	0.0226	107	0.43
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.094	0.0282	0.0116	103	0.25
Bromacil	µg/l	0.164	±	0.0144	0.173	0.0519	0.0152	106	0.61
Chloridazon	µg/l	0.0873	±	0.00567	0.113	0.0339	0.00756	129	3.4
Chloridazon-Desphenyl	µg/l	-	±	-	<0.04 (BG)	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	-	-	0.0162	-	-
Dicamba	µg/l	0.683	±	0.0311	0.849	0.2547	0.0328	124	5.05
Dichlorprop	µg/l	0.606	±	0.0444	0.662	0.1986	0.0662	109	0.84
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	-	-	0.0453	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.579	0.1737	0.0433	108	0.97
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.269	0.0807	0.0287	91.2	-0.9
Ethofumesat	µg/l	0.153	±	0.0132	-	-	0.0159	-	-
Flufenacet	µg/l	0.43	±	0.0434	0.389	0.1167	0.056	90.5	-0.73
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	-	-	0.0641	-	-
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.239	0.0717	0.0268	109	0.72
Imidacloprid	µg/l	0.307	±	0.0287	0.348	0.1044	0.0358	113	1.14
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	-	-	0.0518	-	-
Isoproturon	µg/l	0.301	±	0.0199	0.298	0.0894	0.0303	98.9	-0.11
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.249	0.0747	0.0161	105	0.77
MCPB	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.128	0.0384	0.0152	109	0.68
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	-	-	0.0524	-	-
Metamitron	µg/l	0.51	±	0.0476	0.554	0.1662	0.0673	109	0.65
Metazachlor	µg/l	0.26	±	0.00676	0.272	0.0816	0.0093	105	1.28
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0021

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.381	0.1143	0.0489	94.6	-0.45
Metribuzin	µg/l	0.0895	±	0.00875	0.086	0.0258	0.0113	96.1	-0.31
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	-	-	0.276	-	-
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	0.497	0.1491	0.0344	101	0.2
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	-	-	0.0194	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	<0.015 (BG)	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.133	0.0399	0.00963	108	1.08
Terbuthylazin	µg/l	0.254	±	0.0165	0.254	0.0762	0.0258	100	0.00
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	-	-	0.0217	-	-
Thiamethoxam	µg/l	-	±	-	-	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	-	-	0.0931	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	-	-	0.0955	-	-
Triclopyr	µg/l	0.48	±	0.0503	-	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

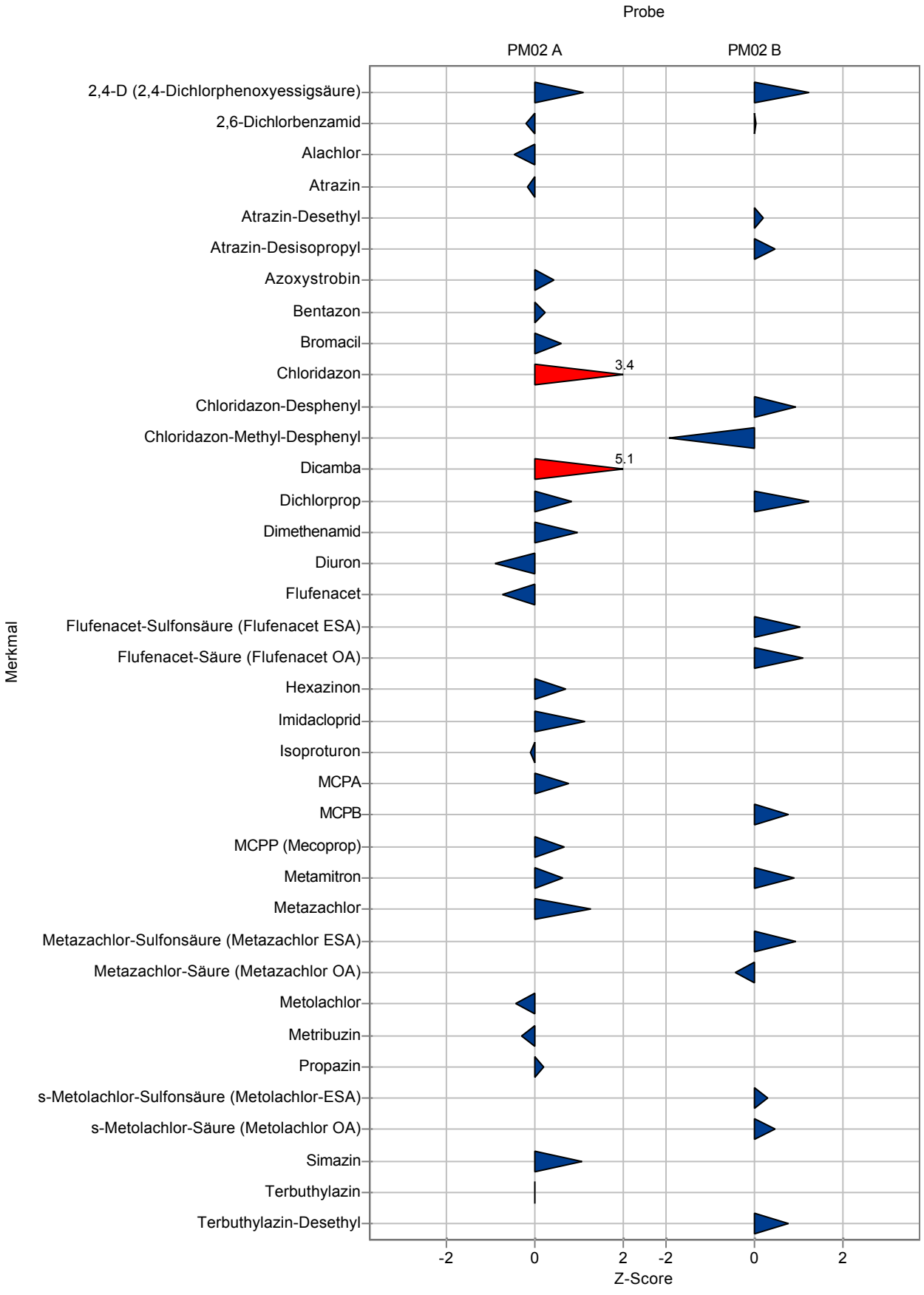
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.219	0.0657	0.0227	115	1.23

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.54	0.762	0.192	100	0.03
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	<0.015 (BG)	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	-	-	-	-	-
Ampa	µg/l	0.715	±	0.159	-	-	0.175	-	-
Atrazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.217	0.0651	0.0228	102	0.21
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.482	0.1446	0.0493	105	0.45
Azoxystrobin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	<0.015 (BG)	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.03 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	3.32	0.996	0.225	107	0.93
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	0.095	0.0285	0.0104	82.4	-1.95
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	-	-	-	-	-
Dicamba	µg/l	-	±	-	<0.07 (BG)	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.25	0.075	0.023	113	1.23
Dieldrin	µg/l	-	±	-	-	-	-	-	-
Dimethachlor	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	-	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.015 (BG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	0.983	0.2949	0.176	123	1.04
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	0.275	0.0825	0.0771	144	1.1
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	-	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	<0.04 (BG)	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.524	0.1572	0.0503	108	0.78
MCPP (Mecoprop)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	-	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.177	0.0531	0.0227	113	0.89
Metazachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	3.175	0.9525	0.441	115	0.93
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	1.22	0.366	0.233	92.4	-0.43
Metolachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.025 (BG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	-	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	-	-	0.0482	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	2.84	0.852	0.317	103	0.29
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	1.17	0.351	0.171	107	0.46
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	0.46	0.138	-	-	-
Simazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.536	0.1608	0.0417	106	0.76
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	-	-	0.0141	-	-
Thifensulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	-	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
Alachlor
Atrazin
Atrazin-Desethyl
Atrazin-Desisopropyl
Azoxystrobin
Bentazon
Bromacil
Chloridazon
3.4
Chloridazon-Desphenyl
Chloridazon-Methyl-Desphenyl
Dicamba
5.1
Dichlorprop
Dimethenamid
Diuron
Flufenacet
Flufenacet-Sulfonsäure (Flufenacet ESA)
Flufenacet-Säure (Flufenacet OA)
Hexazinon
Imidacloprid
Isoproturon
MCPA
MCPB
MCPP (Mecoprop)
Metamitron
Metazachlor
Metazachlor-Sulfonsäure (Metazachlor ESA)
Metazachlor-Säure (Metazachlor OA)
Metolachlor
Metribuzin
Propazin
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
s-Metolachlor-Säure (Metolachlor OA)
Simazin
Terbuthylazin
Terbuthylazin-Desethyl
-2
0
2
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.233	0.0699	0.0327	77	-2.13
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.707	0.2121	0.0884	80.1	-1.99
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	0.087	0.0261	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.374	0.1122	0.0838	74.7	-1.51
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	0.031	0.0093	0.00855	81.7	-0.81
Ampa	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.164	0.0492	0.0137	106	0.72
Atrazin-2-Hydroxy	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.095	0.0285	0.0226	67.2	-2.05
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.072	0.0216	0.0116	79.1	-1.64
Bromacil	µg/l	0.164	±	0.0144	0.146	0.0438	0.0152	89.2	-1.16
Chloridazon	µg/l	0.0873	±	0.00567	0.089	0.0267	0.00756	102	0.23
Chloridazon-Desphenyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	0.22	0.066	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	0.237	0.0711	0.0718	67.6	-1.58
Clothianidin	µg/l	0.162	±	0.0146	0.162	0.0486	0.0162	100	0
Dicamba	µg/l	0.683	±	0.0311	0.701	0.2103	0.0328	103	0.54
Dichlorprop	µg/l	0.606	±	0.0444	0.502	0.1506	0.0662	82.8	-1.58
Dieldrin	µg/l	0.06	±	0.0154	0.067	0.0201	0.0163	112	0.43
Dimethachlor	µg/l	0.432	±	0.0351	0.372	0.1116	0.0453	86.1	-1.33

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.486	0.1458	0.0433	90.5	-1.18
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.312	0.0936	0.0287	106	0.6
Ethofumesat	µg/l	0.153	±	0.0132	0.131	0.0393	0.0159	85.7	-1.38
Flufenacet	µg/l	0.43	±	0.0434	0.332	0.0996	0.056	77.2	-1.75
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	<0.05 (BG)	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	0.27	0.081	0.0641	73.8	-1.5
Heptachlor	µg/l	0.0486	±	0.0266	0.021	0.0063	0.0281	43.2	-0.98
Heptachlorepoxid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.219	0.0657	0.0268	99.7	-0.03
Imidacloprid	µg/l	0.307	±	0.0287	0.281	0.0843	0.0358	91.4	-0.73
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	0.428	0.1284	0.0518	106	0.44
Isoproturon	µg/l	0.301	±	0.0199	0.311	0.0933	0.0303	103	0.32
Isoproturon-Desmethyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.167	0.0501	0.0161	70.6	-4.31
MCPB	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.091	0.0273	0.0152	77.4	-1.75
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	0.258	0.0774	0.0241	113	1.26
Metalaxyl	µg/l	0.533	±	0.0393	0.455	0.1365	0.0524	85.4	-1.49
Metamitron	µg/l	0.51	±	0.0476	0.466	0.1398	0.0673	91.4	-0.66
Metazachlor	µg/l	0.26	±	0.00676	0.263	0.0789	0.0093	101	0.32
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0022

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.359	0.1077	0.0489	89.1	-0.9
Metribuzin	µg/l	0.0895	±	0.00875	0.087	0.0261	0.0113	97.2	-0.22
Metribuzin-Desamino	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	0.197	0.0591	0.0362	77.5	-1.58
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	2.95	0.885	0.276	321	7.35
Pethoxamid	µg/l	0.176	±	0.0111	0.174	0.0522	0.0111	98.7	-0.21
Propazin	µg/l	0.49	±	0.0258	0.444	0.1332	0.0344	90.6	-1.34
Propazin-2-Hydroxy	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.131	0.0393	0.0194	86.3	-1.07
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.123	0.0369	0.00963	100	0.04
Terbuthylazin	µg/l	0.254	±	0.0165	0.22	0.066	0.0258	86.7	-1.31
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.273	0.0819	0.0217	92.4	-1.03
Thiamethoxam	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.614	0.1842	0.0931	80.2	-1.62
Tolylfluanid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	0.857	0.2571	0.0955	558	7.37
Triclopyr	µg/l	0.48	±	0.0503	0.524	0.1572	0.0531	109	0.83
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	0.308	0.0924	0.15	75.8	-0.66
Tritosulfuron	µg/l	-	±	-	0.489	0.1467	-	-	-

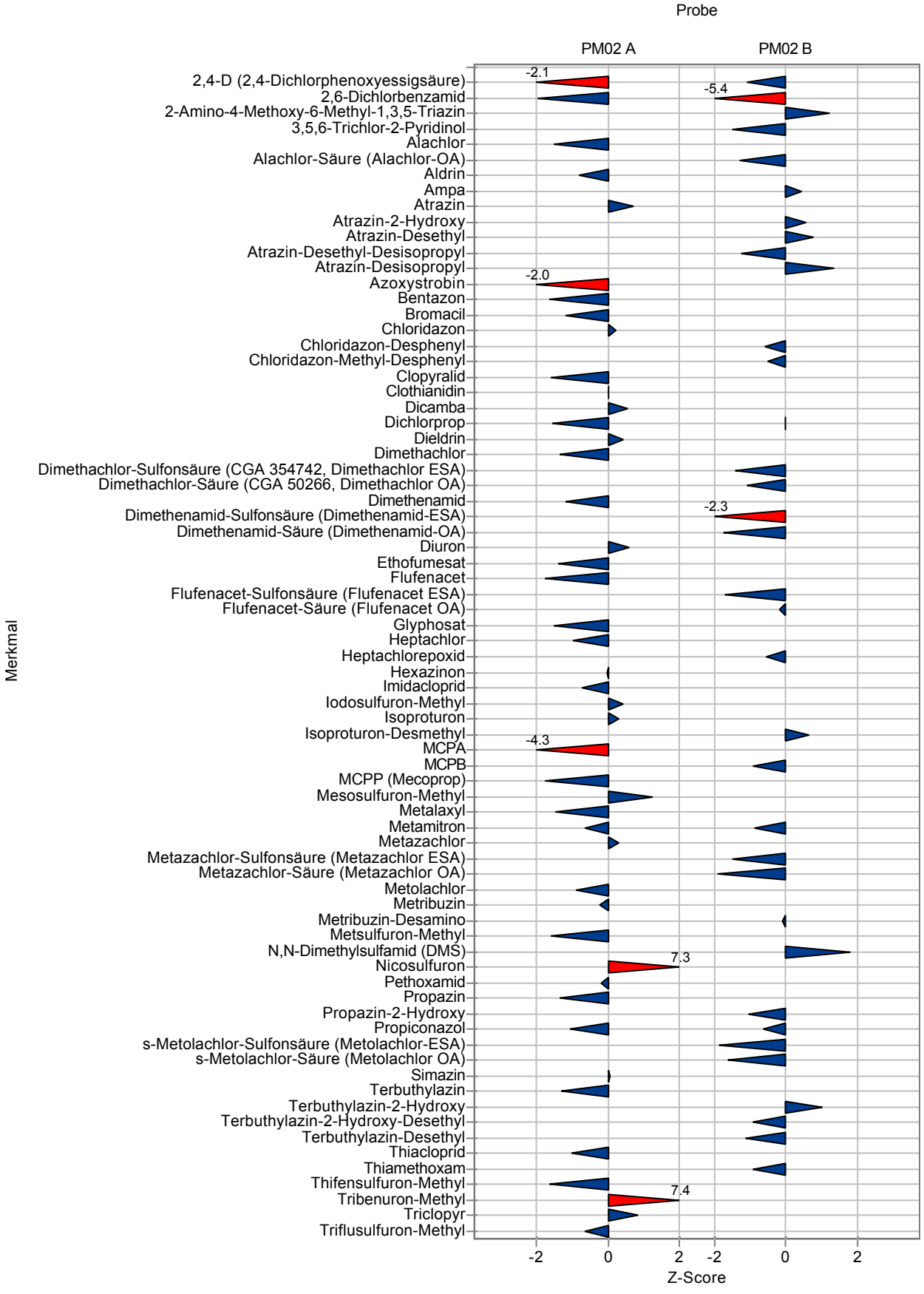
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.166	0.0498	0.0227	86.9	-1.11

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	1.5	0.45	0.192	59.2	-5.4
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	0.199	0.0597	0.0143	110	1.22
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	0.179	0.0537	0.149	44.1	-1.52
Alachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	2.26	0.678	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	0.405	0.1215	0.0533	85.3	-1.3
Aldrin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Ampa	µg/l	0.715	±	0.159	0.79	0.237	0.175	110	0.43
Atrazin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	1.61	0.483	0.153	106	0.58
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.23	0.069	0.0228	108	0.78
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	0.645	0.1935	0.18	74	-1.26
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.527	0.1581	0.0493	115	1.36
Azoxystrobin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	0.334	0.1002	-	-	-
Bentazon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	2.98	0.894	0.225	95.8	-0.59
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	0.11	0.033	0.0104	95.4	-0.51
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	2.48	0.744	-	-	-
Clopyralid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Clothianidin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dicamba	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.221	0.0663	0.023	99.6	-0.04
Dieldrin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	0.388	0.1164	0.0516	84	-1.43
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	0.154	0.0462	0.0429	76.9	-1.08

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	0.167	0.0501	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	0.451	0.1353	0.197	49.5	-2.33
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	0.269	0.0807	0.0574	72.5	-1.78
Diuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	0.501	0.1503	0.176	62.7	-1.7
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	0.176	0.0528	0.0771	92.4	-0.19
Glufosinat	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Glyphosat	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Heptachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	0.174	0.0522	0.0196	94.3	-0.54
Hexazinon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	0.154	0.0462	0.0104	105	0.64
MCPA	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.439	0.1317	0.0503	90.6	-0.91
MCPP (Mecoprop)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.137	0.0411	0.0227	87.4	-0.87
Metazachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	2.11	0.633	0.441	76.3	-1.49
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	0.875	0.2625	0.233	66.2	-1.91
Metolachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	0.253	0.0759	0.0305	98.8	-0.1
Metsulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	1.44	0.432	0.205	135	1.82
Nicosulfuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Propazin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	0.186	0.0567	0.0183	90.7	-1.04
Propiconazol	µg/l	0.363	±	0.0362	0.333	0.0999	0.0482	91.7	-0.62
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	2.15	0.645	0.317	78.3	-1.88
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	0.814	0.2442	0.171	74.6	-1.62
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	0.235	0.0705	-	-	-
Simazin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	0.229	0.0687	0.0244	112	1.04
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	0.103	0.0309	0.0209	84.3	-0.92
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.457	0.1371	0.0417	90.6	-1.14
Thiacloprid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.115	0.0345	0.0141	89.8	-0.92
Thifensulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Tolylfluanid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Triclopyr	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Tritosulfuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin
3,5,6-Trichlor-2-Pyridinol
Alachlor
Alachlor-Säure (Alachlor-OA)
Aldrin
Ampa
Atrazin
Atrazin-2-Hydroxy
Atrazin-Desethyl
Atrazin-Desethyl-Desisopropyl
Atrazin-Desisopropyl
Azoxystrobin
Bentazon
Bromacil
Chloridazon
Chloridazon-Desphenyl
Chloridazon-Methyl-Desphenyl
Clopyralid
Clothianidin
Dicamba
Dichlorprop
Dieldrin
Dimethachlor
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)
Dimethenamid
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)
Dimethenamid-Säure (Dimethenamid-OA)
Diuron
Ethofumesat
Flufenacet
Flufenacet-Sulfonsäure (Flufenacet ESA)
Flufenacet-Säure (Flufenacet OA)
Glyphosat
Heptachlor
Heptachlorepoxid
Hexazinon
Imidacloprid
Iodosulfuron-Methyl
Isoproturon
Isoproturon-Desmethyl
MCPA
MCPB
MCPP (Mecoprop)
Mesosulfuron-Methyl
Metalaxyl
Metamitron
Metazachlor
Metazachlor-Sulfonsäure (Metazachlor ESA)
Metazachlor-Säure (Metazachlor OA)
Metolachlor
Metribuzin
Metribuzin-Desamino
Metsulfuron-Methyl
N,N-Dimethylsulfamid (DMS)
Nicosulfuron
Pethoxamid
Propazin
Propazin-2-Hydroxy
Propiconazol
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
s-Metolachlor-Säure (Metolachlor OA)
Simazin
Terbuthylazin
Terbuthylazin-2-Hydroxy
Terbuthylazin-2-Hydroxy-Desethyl
Terbuthylazin-Desethyl
Thiacloprid
Thiamethoxam
Thifensulfuron-Methyl
Tribenuron-Methyl
Triclopyr
Triflusulfuron-Methyl
-2.1
-5.4
-2.0
-2.3
-4.3
7.3
7.4
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.273	0.055	0.0327	90.2	-0.91
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	-	-	0.0884	-	-
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	-	-	0.0838	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	0.03	0.007	0.00855	79.1	-0.93
Ampa	µg/l	-	±	-	-	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	-	-	0.0137	-	-
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	-	-	0.0226	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	-	-	0.0116	-	-
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	-	-	0.00756	-	-
Chloridazon-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	-	-	0.0162	-	-
Dicamba	µg/l	0.683	±	0.0311	-	-	0.0328	-	-
Dichlorprop	µg/l	0.606	±	0.0444	0.576	0.115	0.0662	95	-0.46
Dieldrin	µg/l	0.06	±	0.0154	0.041	0.01	0.0163	68.4	-1.17
Dimethachlor	µg/l	0.432	±	0.0351	-	-	0.0453	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0023

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	-	-	0.0433	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	-	-	0.0287	-	-
Ethofumesat	µg/l	0.153	±	0.0132	-	-	0.0159	-	-
Flufenacet	µg/l	0.43	±	0.0434	-	-	0.056	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	-	-	0.0641	-	-
Heptachlor	µg/l	0.0486	±	0.0266	0.031	0.008	0.0281	63.8	-0.63
Heptachlorepoxid	µg/l	-	±	-	0.037	0.009	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	-	-	0.0268	-	-
Imidacloprid	µg/l	0.307	±	0.0287	-	-	0.0358	-	-
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	-	-	0.0518	-	-
Isoproturon	µg/l	0.301	±	0.0199	-	-	0.0303	-	-
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.236	0.047	0.0161	99.7	-0.04
MCPB	µg/l	-	±	-	0.0217	0.004	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.135	0.027	0.0152	115	1.14
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	-	-	0.0524	-	-
Metamitron	µg/l	0.51	±	0.0476	-	-	0.0673	-	-
Metazachlor	µg/l	0.26	±	0.00676	-	-	0.0093	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0023

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	-	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	-	-	0.0489	-	-
Metribuzin	µg/l	0.0895	±	0.00875	-	-	0.0113	-	-
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	-	-	0.276	-	-
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	-	-	0.0344	-	-
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	-	-	0.0194	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	-	-	0.00963	-	-
Terbuthylazin	µg/l	0.254	±	0.0165	-	-	0.0258	-	-
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	-	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	-	-	0.0217	-	-
Thiamethoxam	µg/l	-	±	-	-	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	-	-	0.0931	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	-	-	0.0955	-	-
Triclopyr	µg/l	0.48	±	0.0503	-	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

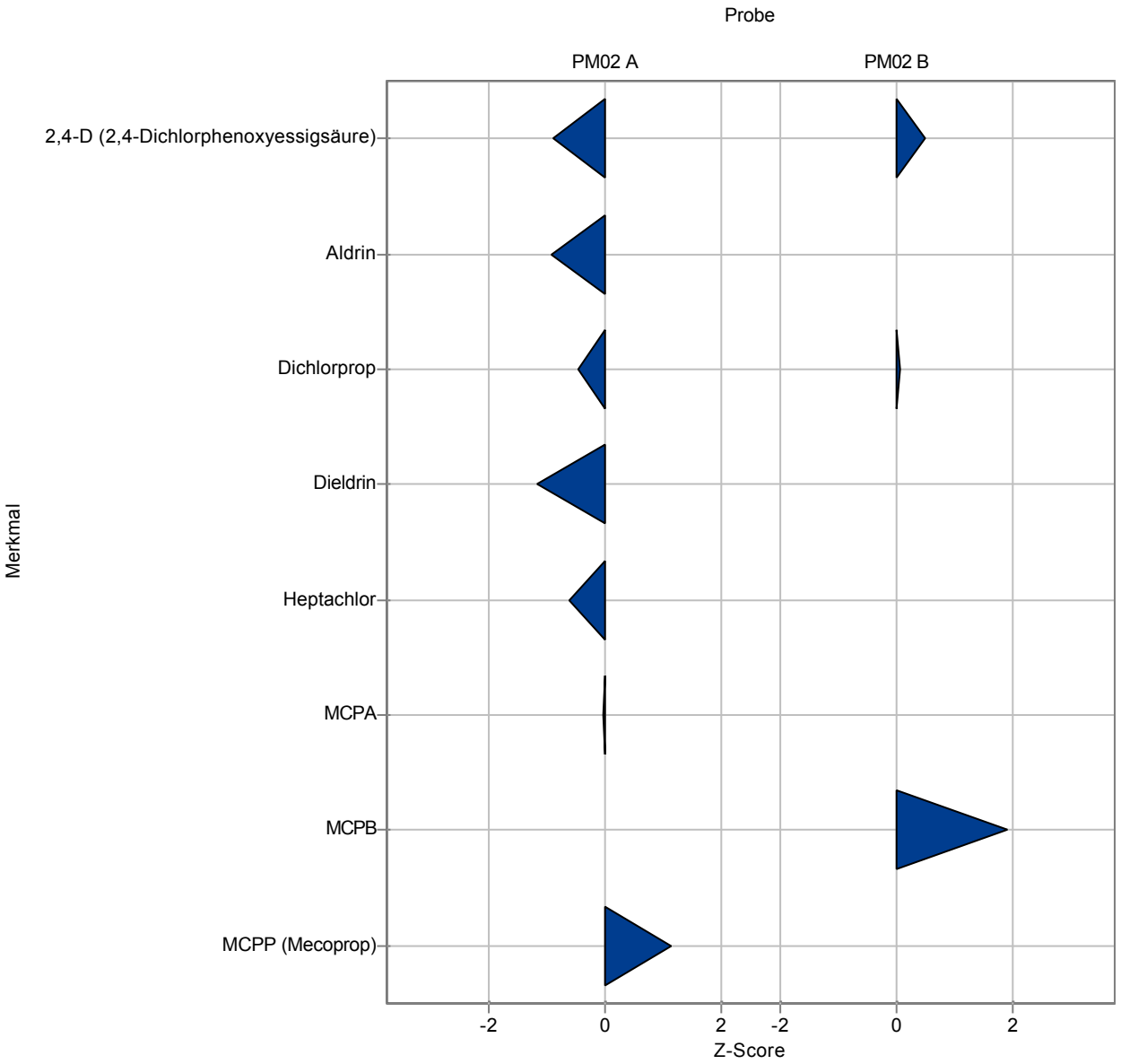
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.202	0.04	0.0227	106	0.48

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	-	-	0.192	-	-
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	-	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Ampa	µg/l	0.715	±	0.159	-	-	0.175	-	-
Atrazin	µg/l	-	±	-	-	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	-	-	0.0228	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	-	-	0.0493	-	-
Azoxystrobin	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	-	-	-	-	-
Bromacil	µg/l	-	±	-	-	-	-	-	-
Chloridazon	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	-	-	0.225	-	-
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	-	-	0.0104	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	-	-	-	-	-
Dicamba	µg/l	-	±	-	-	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.223	0.045	0.023	101	0.05
Dieldrin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Dimethachlor	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	-	-	-	-	-
Ethofumesat	µg/l	-	±	-	-	-	-	-	-
Flufenacet	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	-	-	-	-	-
Heptachlor	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	<0.005 (BG)	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	-	-	-	-	-
Imidacloprid	µg/l	-	±	-	-	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	-	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	0.022	0.0044	-	-	-
MCPB	µg/l	0.485	±	0.039	0.581	0.116	0.0503	120	1.91
MCPP (Mecoprop)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	-	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	-	-	0.0227	-	-
Metazachlor	µg/l	-	±	-	-	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	-	-	0.441	-	-
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	-	-	0.233	-	-
Metolachlor	µg/l	-	±	-	-	-	-	-	-
Metribuzin	µg/l	-	±	-	-	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	-	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	-	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	-	-	0.0482	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	-	-	0.317	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	-	-	0.171	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	-	-	0.0417	-	-
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	-	-	0.0141	-	-
Thifensulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	-	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
2,4-D (2,4-Dichlorphenoxyessigsäure)
Aldrin
Dichlorprop
Dieldrin
Heptachlor
MCPA
MCPB
MCPP (Mecoprop)
Merkmal
-2
0
2
-2
0
2
Z-Score

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02

Laborcode: LC0024

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.34	0.068	0.0327	112	1.14
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.962	0.2	0.0884	109	0.9
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	-	-	0.0838	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	-	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.174	0.034	0.0137	113	1.45
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	0.014	0.003	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.132	0.026	0.0226	93.4	-0.41
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.101	0.02	0.0116	111	0.85
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	0.087	0.018	0.00756	99.7	-0.04
Chloridazon-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	0.372	0.074	0.0718	106	0.3
Clothianidin	µg/l	0.162	±	0.0146	0.199	0.04	0.0162	123	2.29
Dicamba	µg/l	0.683	±	0.0311	-	-	0.0328	-	-
Dichlorprop	µg/l	0.606	±	0.0444	-	-	0.0662	-	-
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	0.494	0.098	0.0453	114	1.36

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.514	0.102	0.0433	95.7	-0.54
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.323	0.064	0.0287	110	0.98
Ethofumesat	µg/l	0.153	±	0.0132	0.159	0.032	0.0159	104	0.39
Flufenacet	µg/l	0.43	±	0.0434	0.648	0.13	0.056	151	3.9
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	-	-	0.0641	-	-
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	-	-	0.0268	-	-
Imidacloprid	µg/l	0.307	±	0.0287	0.366	0.074	0.0358	119	1.64
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	0.485	0.098	0.0518	120	1.54
Isoproturon	µg/l	0.301	±	0.0199	0.286	0.058	0.0303	94.9	-0.51
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.244	0.048	0.0161	103	0.46
MCPB	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.108	0.022	0.0152	91.8	-0.63
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	0.525	0.106	0.0524	98.5	-0.15
Metamitron	µg/l	0.51	±	0.0476	0.619	0.124	0.0673	121	1.62
Metazachlor	µg/l	0.26	±	0.00676	-	-	0.0093	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0024

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	-	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.394	0.078	0.0489	97.8	-0.18
Metribuzin	µg/l	0.0895	±	0.00875	0.101	0.02	0.0113	113	1.02
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	0.274	0.054	0.0362	108	0.55
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	0.93	0.186	0.276	101	0.04
Pethoxamid	µg/l	0.176	±	0.0111	0.172	0.034	0.0111	97.5	-0.39
Propazin	µg/l	0.49	±	0.0258	-	-	0.0344	-	-
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.15	0.03	0.0194	98.8	-0.09
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.127	0.026	0.00963	104	0.46
Terbuthylazin	µg/l	0.254	±	0.0165	0.207	0.042	0.0258	81.5	-1.82
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.305	0.062	0.0217	103	0.44
Thiamethoxam	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.875	0.176	0.0931	114	1.18
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	0.323	0.064	0.0955	210	1.77
Triclopyr	µg/l	0.48	±	0.0503	0.596	0.12	0.0531	124	2.19
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

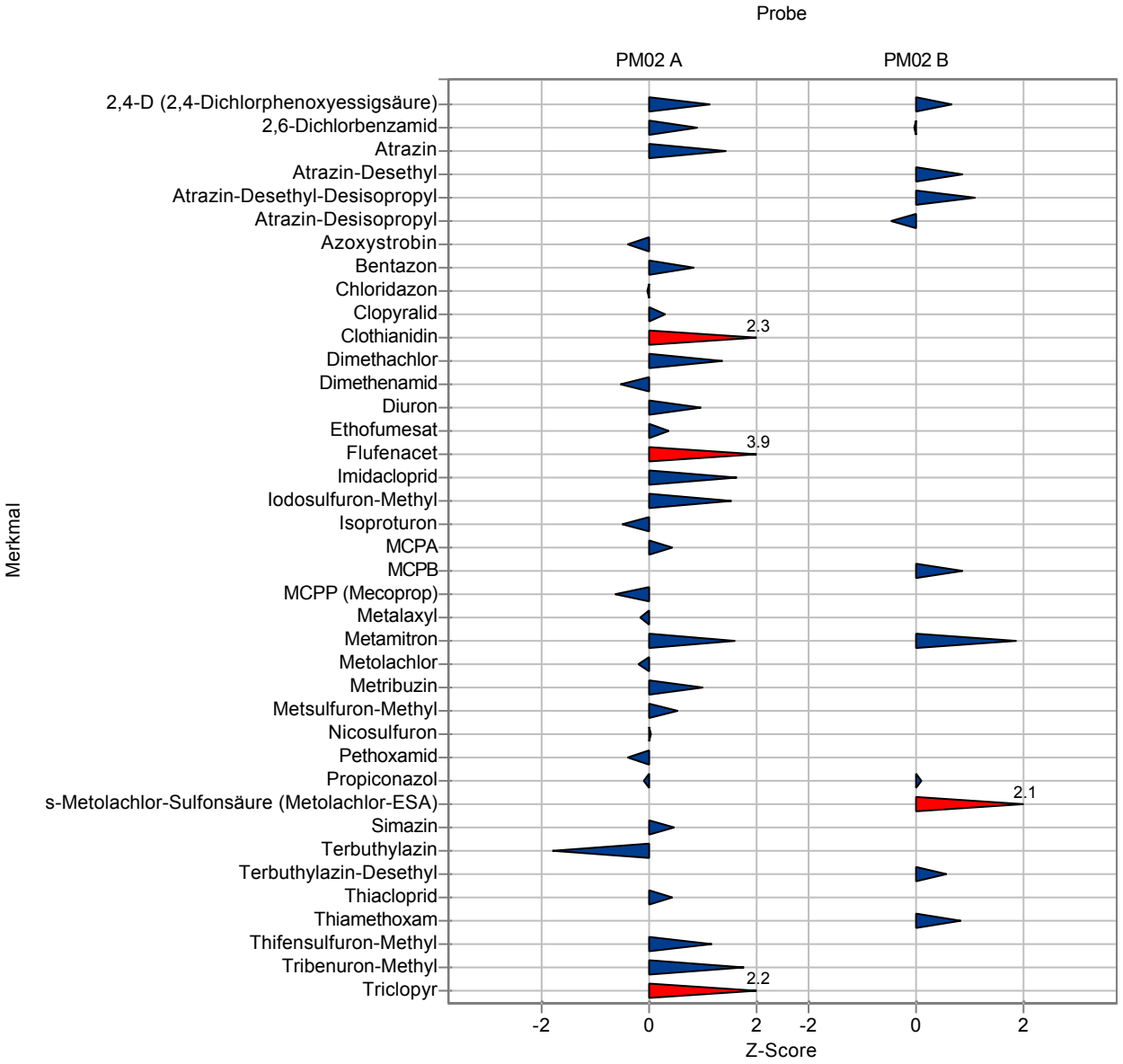
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.206	0.042	0.0227	108	0.66

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.53	0.5	0.192	99.8	-0.02
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	-	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	-	-	-	-	-
Ampa	µg/l	0.715	±	0.159	-	-	0.175	-	-
Atrazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.232	0.046	0.0228	109	0.86
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	1.07	0.21	0.18	123	1.1
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.436	0.088	0.0493	94.8	-0.48
Azoxystrobin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	-	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	-	-	0.225	-	-
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	-	-	0.0104	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Clothianidin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dicamba	µg/l	-	±	-	-	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	-	-	0.023	-	-
Dieldrin	µg/l	-	±	-	-	-	-	-	-
Dimethachlor	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	-	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	-	-	-	-	-
Imidacloprid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	0.529	0.106	0.0503	109	0.88
MCPP (Mecoprop)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.199	0.04	0.0227	127	1.86
Metazachlor	µg/l	-	±	-	-	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	-	-	0.441	-	-
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	-	-	0.233	-	-
Metolachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Propazin	µg/l	-	±	-	-	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	0.368	0.072	0.0482	101	0.1
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	3.41	0.68	0.317	124	2.09
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	-	-	0.171	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.528	0.106	0.0417	105	0.56
Thiacloprid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.14	0.028	0.0141	109	0.85
Thifensulfuron-Methyl	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Triclopyr	µg/l	-	±	-	<0.05 (BG)	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
Merkmal
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
Atrazin
Atrazin-Desethyl
Atrazin-Desethyl-Desisopropyl
Atrazin-Desisopropyl
Azoxystrobin
Bentazon
Chloridazon
Clopyralid
Clothianidin
Dimethachlor
Dimethenamid
Diuron
Ethofumesat
Flufenacet
Imidacloprid
Iodosulfuron-Methyl
Isoproturon
MCPA
MCPB
MCPP (Mecoprop)
Metalaxyl
Metamitron
Metolachlor
Metribuzin
Metsulfuron-Methyl
Nicosulfuron
Pethoxamid
Propiconazol
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
Simazin
Terbuthylazin
Terbuthylazin-Desethyl
Thiacloprid
Thiamethoxam
Thifensulfuron-Methyl
Tribenuron-Methyl
Triclopyr
2.3
3.9
2.1
2.2
-2
0
2
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	0.322	0.064	0.0327	106	0.59
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	1	0.2	0.0884	113	1.33
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	0.536	0.107	0.0838	107	0.42
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.167	0.033	0.0137	108	0.94
Atrazin-2-Hydroxy	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	0.15	0.03	0.0226	106	0.38
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	0.094	0.019	0.0116	103	0.25
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	0.102	0.02	0.00756	117	1.95
Chloridazon-Desphenyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	0.156	0.0312	0.0162	96.3	-0.37
Dicamba	µg/l	0.683	±	0.0311	0.813	0.163	0.0328	119	3.96
Dichlorprop	µg/l	0.606	±	0.0444	0.649	0.13	0.0662	107	0.64
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	0.495	0.099	0.0453	115	1.38

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	0.535	0.107	0.0433	99.6	-0.05
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.329	0.066	0.0287	112	1.19
Ethofumesat	µg/l	0.153	±	0.0132	0.179	0.036	0.0159	117	1.65
Flufenacet	µg/l	0.43	±	0.0434	0.441	0.0882	0.056	103	0.2
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	0.163	0.033	0.0434	110	0.34
Glyphosat	µg/l	0.366	±	0.0555	0.421	0.084	0.0641	115	0.86
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	-	-	0.0268	-	-
Imidacloprid	µg/l	0.307	±	0.0287	0.334	0.067	0.0358	109	0.75
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	-	-	0.0518	-	-
Isoproturon	µg/l	0.301	±	0.0199	0.336	0.067	0.0303	111	1.14
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	0.272	0.054	0.0161	115	2.19
MCPB	µg/l	-	±	-	-	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	0.132	0.026	0.0152	112	0.94
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	0.229	0.0458	0.0241	101	0.05
Metalaxyl	µg/l	0.533	±	0.0393	0.533	0.107	0.0524	100	0.00
Metamitron	µg/l	0.51	±	0.0476	0.666	0.133	0.0673	131	2.32
Metazachlor	µg/l	0.26	±	0.00676	0.307	0.061	0.0093	118	5.05
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0025

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.446	0.089	0.0489	111	0.88
Metribuzin	µg/l	0.0895	±	0.00875	0.095	0.019	0.0113	106	0.48
Metribuzin-Desamino	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	1.143	0.229	0.276	124	0.81
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	0.533	0.107	0.0344	109	1.24
Propazin-2-Hydroxy	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	0.18	0.036	0.0194	119	1.45
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.128	0.026	0.00963	104	0.56
Terbuthylazin	µg/l	0.254	±	0.0165	0.277	0.055	0.0258	109	0.9
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	0.367	0.073	0.0217	124	3.29
Thiamethoxam	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	0.762	0.1524	0.0931	99.6	-0.03
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	-	-	0.0955	-	-
Triclopyr	µg/l	0.48	±	0.0503	0.507	0.101	0.0531	106	0.51
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

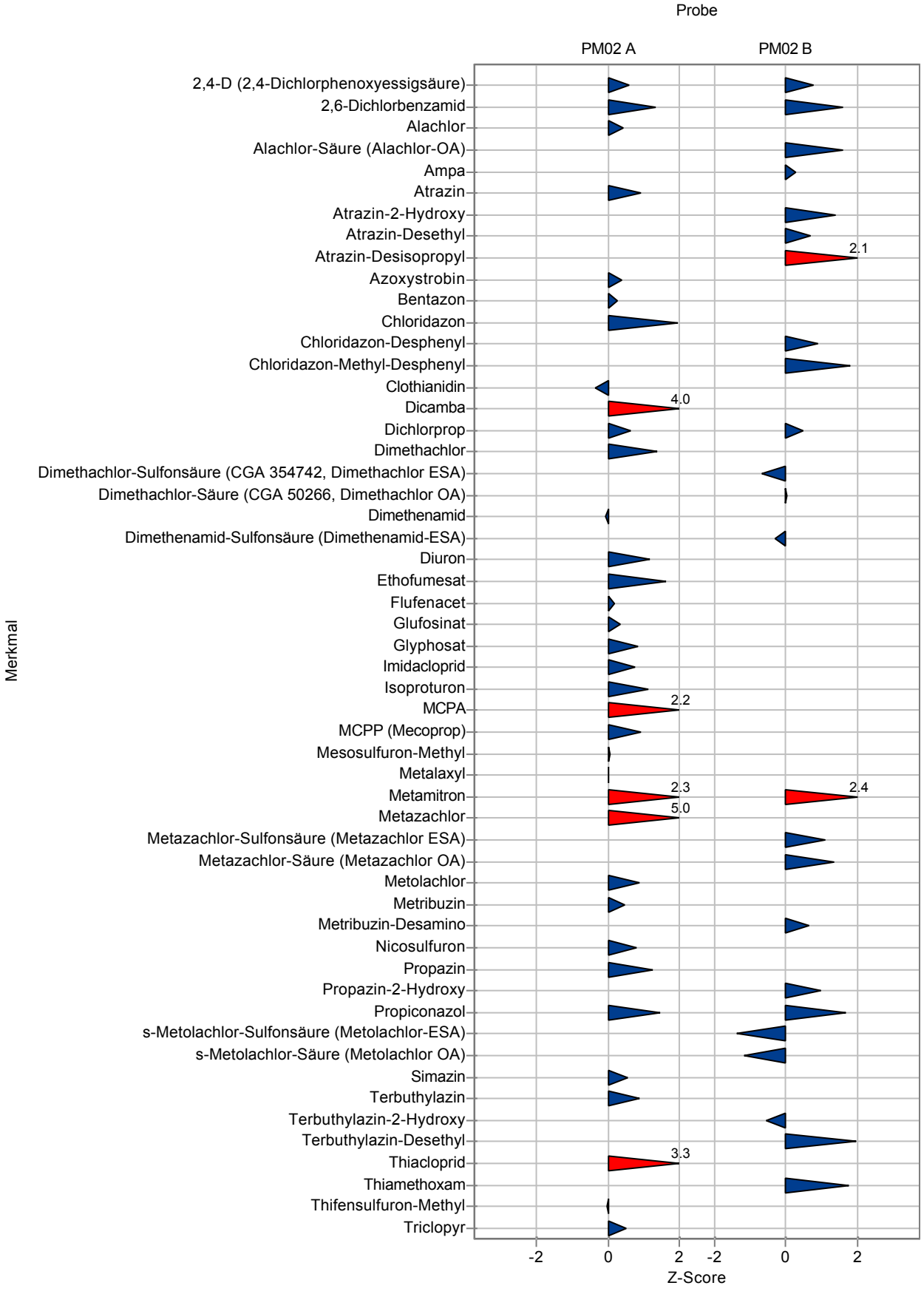
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	0.209	0.042	0.0227	109	0.79

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.843	0.569	0.192	112	1.61
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	0.559	0.112	0.0533	118	1.58
Aldrin	µg/l	-	±	-	-	-	-	-	-
Ampa	µg/l	0.715	±	0.159	0.763	0.153	0.175	107	0.27
Atrazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	1.734	0.347	0.153	114	1.39
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.228	0.046	0.0228	107	0.69
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.564	0.113	0.0493	123	2.11
Azoxystrobin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Bromacil	µg/l	-	±	-	-	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	3.316	0.663	0.225	107	0.91
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	0.134	0.027	0.0104	116	1.8
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	1.893	0.3786	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dicamba	µg/l	-	±	-	<0.1 (BG)	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	0.233	0.047	0.023	105	0.49
Dieldrin	µg/l	-	±	-	-	-	-	-	-
Dimethachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	0.427	0.085	0.0516	92.4	-0.68
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	0.202	0.04	0.0429	101	0.04

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	0.851	0.17	0.197	93.4	-0.3
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Flufenacet	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Glyphosat	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	-	-	-	-	-
Imidacloprid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	<0.02 (BG)	-	-	-	-
MCPB	µg/l	0.485	±	0.039	-	-	0.0503	-	-
MCPP (Mecoprop)	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.211	0.042	0.0227	135	2.39
Metazachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	3.261	0.652	0.441	118	1.12
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	1.639	0.328	0.233	124	1.36
Metolachlor	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	0.276	0.055	0.0305	108	0.66
Metsulfuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	0.223	0.045	0.0183	109	0.98
Propiconazol	µg/l	0.363	±	0.0362	0.445	0.089	0.0482	123	1.7
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	2.309	0.462	0.317	84.1	-1.38
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	0.891	0.178	0.171	81.6	-1.17
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	0.19	0.038	0.0244	93.3	-0.56
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.586	0.117	0.0417	116	1.95
Thiacloprid	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	0.153	0.031	0.0141	120	1.77
Thifensulfuron-Methyl	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
2,4-D (2,4-Dichlorphenoxyessigsäure)
2,6-Dichlorbenzamid
Alachlor
Alachlor-Säure (Alachlor-OA)
Ampa
Atrazin
Atrazin-2-Hydroxy
Atrazin-Desethyl
Atrazin-Desisopropyl
Azoxystrobin
Bentazon
Chloridazon
Chloridazon-Desphenyl
Chloridazon-Methyl-Desphenyl
Clothianidin
Dicamba
Dichlorprop
Dimethachlor
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)
Dimethenamid
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)
Diuron
Ethofumesat
Flufenacet
Glufosinat
Glyphosat
Imidacloprid
Isoproturon
MCPA
MCPP (Mecoprop)
Mesosulfuron-Methyl
Metalaxyl
Metamitron
Metazachlor
Metazachlor-Sulfonsäure (Metazachlor ESA)
Metazachlor-Säure (Metazachlor OA)
Metolachlor
Metribuzin
Metribuzin-Desamino
Nicosulfuron
Propazin
Propazin-2-Hydroxy
Propiconazol
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
s-Metolachlor-Säure (Metolachlor OA)
Simazin
Terbuthylazin
Terbuthylazin-2-Hydroxy
Terbuthylazin-Desethyl
Thiacloprid
Thiamethoxam
Thifensulfuron-Methyl
Triclopyr
2.1
4.0
2.2
2.3
5.0
2.4
3.3
Merkmal
-2
0
2
-2
0
2
Z-Score

Die folgenden Ergebnisse wurden erzielt:

Probe: PM02A

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-Dichlorphenoxyessigsäure)	µg/l	0.303	±	0.022	-	-	0.0327	-	-
2,6-Dichlorbenzamid	µg/l	0.883	±	0.0593	0.998	0.135	0.0884	113	1.3
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	-	±	-	-	-	-	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.5	±	0.0649	-	-	0.0838	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	-	±	-	-	-	-	-	-
Aldrin	µg/l	0.0379	±	0.00855	-	-	0.00855	-	-
Ampa	µg/l	-	±	-	-	-	-	-	-
Atrazin	µg/l	0.154	±	0.00877	0.164	0.017	0.0137	106	0.72
Atrazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desethyl	µg/l	-	±	-	0.006	0.001	-	-	-
Atrazin-Desethyl-Desisopropyl	µg/l	-	±	-	-	-	-	-	-
Atrazin-Desisopropyl	µg/l	-	±	-	<0.001 (BG)	-	-	-	-
Azoxystrobin	µg/l	0.141	±	0.0175	-	-	0.0226	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	0.091	±	0.00744	-	-	0.0116	-	-
Bromacil	µg/l	0.164	±	0.0144	-	-	0.0152	-	-
Chloridazon	µg/l	0.0873	±	0.00567	0.08	0.017	0.00756	91.7	-0.96
Chloridazon-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chloridazon-Methyl-Desphenyl	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.351	±	0.0762	-	-	0.0718	-	-
Clothianidin	µg/l	0.162	±	0.0146	-	-	0.0162	-	-
Dicamba	µg/l	0.683	±	0.0311	-	-	0.0328	-	-
Dichlorprop	µg/l	0.606	±	0.0444	-	-	0.0662	-	-
Dieldrin	µg/l	0.06	±	0.0154	-	-	0.0163	-	-
Dimethachlor	µg/l	0.432	±	0.0351	-	-	0.0453	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	0.537	±	0.0315	-	-	0.0433	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.295	±	0.0188	0.283	0.035	0.0287	96	-0.41
Ethofumesat	µg/l	0.153	±	0.0132	0.129	0.02	0.0159	84.4	-1.5
Flufenacet	µg/l	0.43	±	0.0434	-	-	0.056	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	-	±	-	-	-	-	-	-
Glufosinat	µg/l	0.148	±	0.0493	-	-	0.0434	-	-
Glyphosat	µg/l	0.366	±	0.0555	-	-	0.0641	-	-
Heptachlor	µg/l	0.0486	±	0.0266	-	-	0.0281	-	-
Heptachlorepoxid	µg/l	-	±	-	-	-	-	-	-
Hexazinon	µg/l	0.22	±	0.0201	0.205	0.018	0.0268	93.3	-0.55
Imidacloprid	µg/l	0.307	±	0.0287	-	-	0.0358	-	-
Iodosulfuron-Methyl	µg/l	0.405	±	0.0469	-	-	0.0518	-	-
Isoproturon	µg/l	0.301	±	0.0199	0.289	0.021	0.0303	95.9	-0.41
Isoproturon-Desmethyl	µg/l	-	±	-	-	-	-	-	-
MCPA	µg/l	0.237	±	0.0108	-	-	0.0161	-	-
MCPB	µg/l	-	±	-	-	-	-	-	-
MCPP (Mecoprop)	µg/l	0.118	±	0.00973	-	-	0.0152	-	-
Mesosulfuron-Methyl	µg/l	0.228	±	0.0255	-	-	0.0241	-	-
Metalaxyl	µg/l	0.533	±	0.0393	-	-	0.0524	-	-
Metamitron	µg/l	0.51	±	0.0476	0.581	0.083	0.0673	114	1.05
Metazachlor	µg/l	0.26	±	0.00676	0.241	0.025	0.0093	92.7	-2.05
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	-	±	-	-	-	-	-	-

Laborientierte Auswertung Pestizide gemäß Trinkwasserverordnung (TWV) - PM02 Laborcode: LC0026

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metazachlor-Säure (Metazachlor OA)	µg/l	-	±	-	-	-	-	-	-
Metolachlor	µg/l	0.403	±	0.0313	0.356	0.06	0.0489	88.3	-0.96
Metribuzin	µg/l	0.0895	±	0.00875	-	-	0.0113	-	-
Metribuzin-Desamino	µg/l	-	±	-	-	-	-	-	-
Metsulfuron-Methyl	µg/l	0.254	±	0.0343	-	-	0.0362	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	-	±	-	-	-	-	-	-
Nicosulfuron	µg/l	0.919	±	0.222	-	-	0.276	-	-
Pethoxamid	µg/l	0.176	±	0.0111	-	-	0.0111	-	-
Propazin	µg/l	0.49	±	0.0258	0.518	0.068	0.0344	106	0.81
Propazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Propiconazol	µg/l	0.152	±	0.0146	-	-	0.0194	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	-	±	-	0.001	0.0001	-	-	-
s-Metolachlor-Säure (Metolachlor OA)	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	0.123	±	0.00681	0.122	0.02	0.00963	99.5	-0.06
Terbuthylazin	µg/l	0.254	±	0.0165	0.249	0.062	0.0258	98.1	-0.19
Terbuthylazin-2-Hydroxy	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	-	±	-	-	-	-	-	-
Terbuthylazin-Desethyl	µg/l	-	±	-	0.001	0.0001	-	-	-
Thiacloprid	µg/l	0.295	±	0.0181	-	-	0.0217	-	-
Thiamethoxam	µg/l	-	±	-	-	-	-	-	-
Thifensulfuron-Methyl	µg/l	0.765	±	0.0774	-	-	0.0931	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	0.154	±	0.0906	-	-	0.0955	-	-
Triclopyr	µg/l	0.48	±	0.0503	-	-	0.0531	-	-
Triflusulfuron-Methyl	µg/l	0.407	±	0.143	-	-	0.15	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-

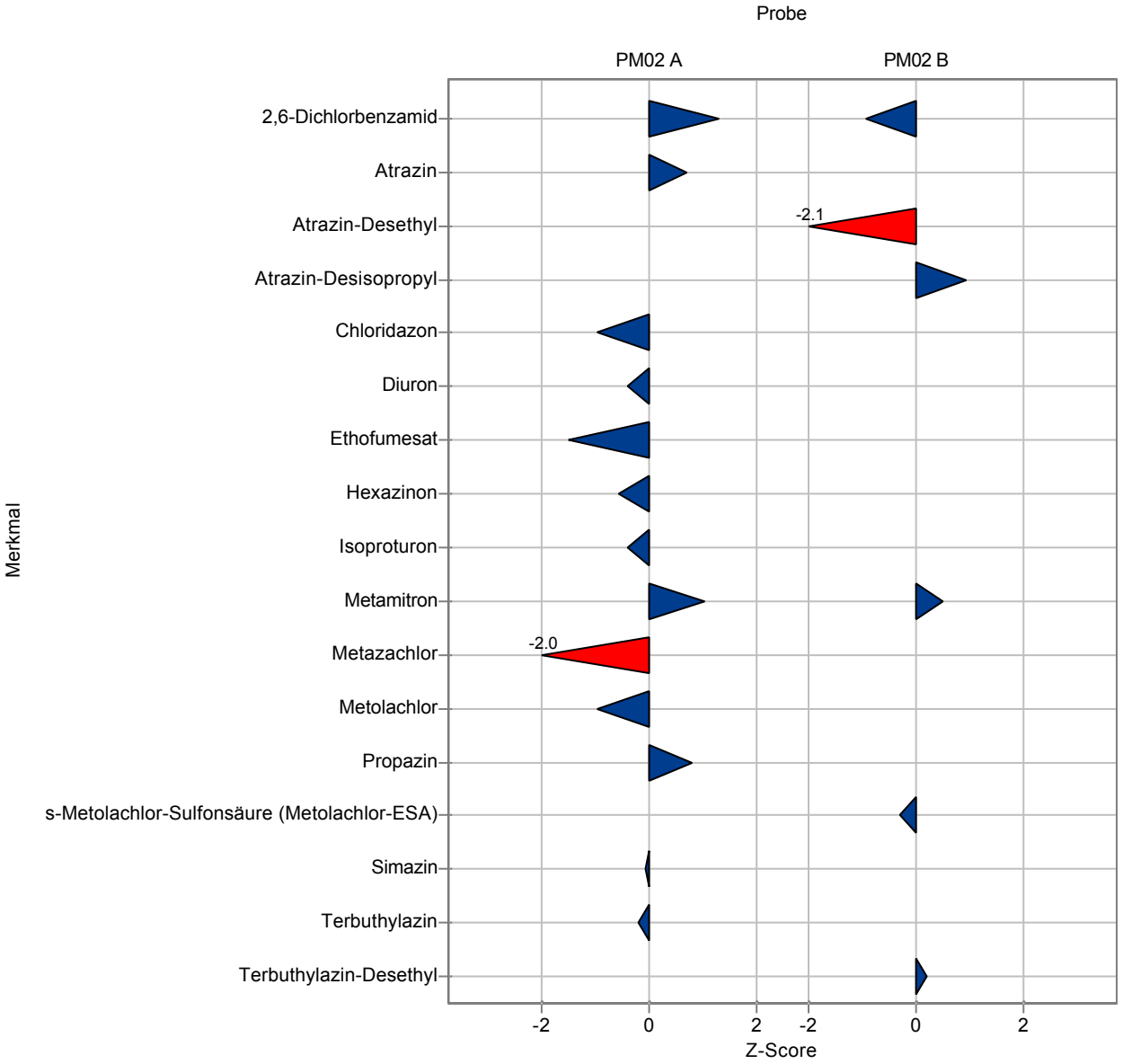
Probe: PM02B

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
2,4-D (2,4-	µg/l	0.191	±	0.0152	-	-	0.0227	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dichlorphenoxyessigsäure)									
2,6-Dichlorbenzamid	µg/l	2.53	±	0.132	2.355	0.318	0.192	92.9	-0.94
2-Amino-4-Methoxy-6-Methyl-1,3,5-Triazin	µg/l	0.182	±	0.0175	-	-	0.0143	-	-
3,5,6-Trichlor-2-Pyridinol	µg/l	0.406	±	0.183	-	-	0.149	-	-
Alachlor	µg/l	-	±	-	-	-	-	-	-
Alachlor-Sulfonsäure (Alachlor-ESA)	µg/l	-	±	-	-	-	-	-	-
Alachlor-Säure (Alachlor-OA)	µg/l	0.475	±	0.0605	-	-	0.0533	-	-
Aldrin	µg/l	-	±	-	-	-	-	-	-
Ampa	µg/l	0.715	±	0.159	-	-	0.175	-	-
Atrazin	µg/l	-	±	-	0.006	0.0006	-	-	-
Atrazin-2-Hydroxy	µg/l	1.52	±	0.174	-	-	0.153	-	-
Atrazin-Desethyl	µg/l	0.212	±	0.0153	0.164	0.015	0.0228	77.2	-2.12
Atrazin-Desethyl-Desisopropyl	µg/l	0.872	±	0.204	-	-	0.18	-	-
Atrazin-Desisopropyl	µg/l	0.46	±	0.0348	0.506	0.111	0.0493	110	0.94
Azoxystrobin	µg/l	-	±	-	-	-	-	-	-
Azoxystrobin-O-Demethyl (CyPM)	µg/l	-	±	-	-	-	-	-	-
Bentazon	µg/l	-	±	-	-	-	-	-	-
Bromacil	µg/l	-	±	-	-	-	-	-	-
Chloridazon	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Chloridazon-Desphenyl	µg/l	3.11	±	0.194	-	-	0.225	-	-
Chloridazon-Methyl-Desphenyl	µg/l	0.115	±	0.00942	-	-	0.0104	-	-
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	µg/l	-	±	-	-	-	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	-	±	-	-	-	-	-	-
Clothianidin	µg/l	-	±	-	-	-	-	-	-
Dicamba	µg/l	-	±	-	-	-	-	-	-
Dichlorprop	µg/l	0.222	±	0.0162	-	-	0.023	-	-
Dieldrin	µg/l	-	±	-	-	-	-	-	-
Dimethachlor	µg/l	-	±	-	-	-	-	-	-
Dimethachlor-Sulfonsäure (CGA 354742, Dimethachlor ESA)	µg/l	0.462	±	0.0516	-	-	0.0516	-	-
Dimethachlor-Säure (CGA 50266, Dimethachlor OA)	µg/l	0.2	±	0.0487	-	-	0.0429	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Dimethachlor Metabolit - CGA 369873	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (Essigsäuremethylester)	µg/l	-	±	-	-	-	-	-	-
Dimethachlor Metabolit - CGA 373464 (freie Säure)	µg/l	-	±	-	-	-	-	-	-
Dimethenamid	µg/l	-	±	-	-	-	-	-	-
Dimethenamid-Sulfonsäure (Dimethenamid-ESA)	µg/l	0.911	±	0.187	-	-	0.197	-	-
Dimethenamid-Säure (Dimethenamid-OA)	µg/l	0.371	±	0.0703	-	-	0.0574	-	-
Diuron	µg/l	-	±	-	<0.01 (BG)	-	-	-	-
Ethofumesat	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Flufenacet	µg/l	-	±	-	-	-	-	-	-
Flufenacet-Sulfonsäure (Flufenacet ESA)	µg/l	0.8	±	0.215	-	-	0.176	-	-
Flufenacet-Säure (Flufenacet OA)	µg/l	0.191	±	0.0874	-	-	0.0771	-	-
Glufosinat	µg/l	-	±	-	-	-	-	-	-
Glyphosat	µg/l	-	±	-	-	-	-	-	-
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Heptachlorepoxid	µg/l	0.185	±	0.0222	-	-	0.0196	-	-
Hexazinon	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Imidacloprid	µg/l	-	±	-	-	-	-	-	-
Iodosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Isoproturon	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Isoproturon-Desmethyl	µg/l	0.147	±	0.0118	-	-	0.0104	-	-
MCPA	µg/l	-	±	-	-	-	-	-	-
MCPB	µg/l	0.485	±	0.039	-	-	0.0503	-	-
MCPP (Mecoprop)	µg/l	-	±	-	-	-	-	-	-
Mesosulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Metalaxyl	µg/l	-	±	-	-	-	-	-	-
Metamitron	µg/l	0.157	±	0.0156	0.168	0.024	0.0227	107	0.5
Metazachlor	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Metazachlor-Sulfonsäure (Metazachlor ESA)	µg/l	2.77	±	0.367	-	-	0.441	-	-
Metazachlor-Säure (Metazachlor OA)	µg/l	1.32	±	0.202	-	-	0.233	-	-
Metolachlor	µg/l	-	±	-	<0.025 (BG)	-	-	-	-
Metribuzin	µg/l	-	±	-	-	-	-	-	-

Parameter	Einheit	Sollwert	±	VB(99%)	Messwert	± U	Kriterium	WF [%]	z-Score
Metribuzin-Desamino	µg/l	0.256	±	0.0346	-	-	0.0305	-	-
Metsulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
N,N-Dimethylsulfamid (DMS)	µg/l	1.07	±	0.217	-	-	0.205	-	-
Nicosulfuron	µg/l	-	±	-	-	-	-	-	-
Pethoxamid	µg/l	-	±	-	-	-	-	-	-
Propazin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Propazin-2-Hydroxy	µg/l	0.205	±	0.0224	-	-	0.0183	-	-
Propiconazol	µg/l	0.363	±	0.0362	-	-	0.0482	-	-
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	µg/l	2.75	±	0.245	2.645	0.444	0.317	96.3	-0.32
s-Metolachlor-Säure (Metolachlor OA)	µg/l	1.09	±	0.142	-	-	0.171	-	-
s-Metolachlor Metabolit CGA 368208	µg/l	-	±	-	-	-	-	-	-
s-Metolachlor Metabolit NOA 413173	µg/l	-	±	-	-	-	-	-	-
Simazin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Terbuthylazin	µg/l	-	±	-	<0.005 (BG)	-	-	-	-
Terbuthylazin-2-Hydroxy	µg/l	0.204	±	0.0276	-	-	0.0244	-	-
Terbuthylazin-2-Hydroxy-Desethyl	µg/l	0.122	±	0.0256	-	-	0.0209	-	-
Terbuthylazin-Desethyl	µg/l	0.504	±	0.0313	0.513	0.065	0.0417	102	0.2
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.128	±	0.0118	-	-	0.0141	-	-
Thifensulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tolylfluanid	µg/l	-	±	-	-	-	-	-	-
Tribenuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Triclopyr	µg/l	-	±	-	-	-	-	-	-
Triflusulfuron-Methyl	µg/l	-	±	-	-	-	-	-	-
Tritosulfuron	µg/l	-	±	-	-	-	-	-	-


Probe
PM02 A
PM02 B
2,6-Dichlorbenzamid
Atrazin
Atrazin-Desethyl
Atrazin-Desisopropyl
Chloridazon
Diuron
Ethofumesat
Hexazinon
Isoproturon
Metamitron
Metazachlor
Metolachlor
Propazin
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)
Simazin
Terbuthylazin
Terbuthylazin-Desethyl
-2.1
-2.0
Merkmal
-2
0
2
-2
0
2
Z-Score