

**Proficiency Testing Scheme für die
Wasseranalytik - Realproben
H103 Pestizide**

**Proficiency Testing Scheme for Water
Analysis - natural water samples
H103 Pesticides**

BERICHT / REPORT

Probenversand / Sample dispatch: 26.02.2019

Ausgabe / Edition 1 - 08.11.2019

Dieser Report umfasst 382 Seiten.
This report comprises 382 pages.

Anbieter der Eignungsprüfung / Provider of the proficiency test:

Anschrift / Address: Umweltbundesamt GmbH
Spittelauer Lände 5
1090 Vienna/Austria

E-Mail: ringversuche@umweltbundesamt.at

Tel: +43 (0) 1 31304 4334

Website deutsch: www.umweltbundesamt.at/ringversuche
www.imatest.at

Website english: www.umweltbundesamt.at/interlaboratory_comparison
www.imatest.eu

Verantwortlich für die Durchführung der Eignungsprüfungsrunde / Responsible for the implementation of this proficiency test:

Dr. Sandra Kulcsar und Martha Schmid MSc
Tel.: +43 (0) 1 31304 4334

Verantwortlich für die Freigabe des Berichts / Responsible for authorizing the report:

Dipl.-Ing. Monika Denner

Technische Leitung Eignungsprüfungen für den Bereich chemische Analytik/
Technical Management for proficiency tests for chemical analysis

Inhaltsverzeichnis / Table of Contents

D1. Beschreibung des Ringversuchs.....	5
D1.1. Ausgestaltung und Durchführung	5
D1.2. Beschreibung der Prüfgegenstände	5
D1.3. Anweisungen für die Teilnehmer	6
D1.4. Kontrollanalytik zur Bewertung der Homogenität.....	6
D1.5. Trendtest zur Bewertung der Stabilität.....	6
D1.6. Ermittlung des zugewiesenen Wertes.....	7
D2. Kriterien der Leistungsbewertung	8
D2.1. Leistungskriterium z-Score.....	8
D2.2. Leistungskriterium E _n -Score	8
D2.3. Leistungsbewertung z-Score und E _n -Score.....	9
D3. Darstellung und Interpretation der Messergebnisse.....	9
D4. Anmerkungen zur Auswertung.....	10
D5. Erläuterung zu Tabellen und Grafiken	11
D5.1. Angaben und Abkürzungen in Tabellen.....	11
D5.2. Graphische Darstellung der Ergebnisse	13
D6. Zusammenfassung	16
D6.1. Tabelle der zugewiesenen Werte	16
D6.2. Zusammenfassung der ausreißerbereinigten Ringversuchsergebnisse ..	18
E1. Description of the proficiency test.....	20
E1.1. Design and implementation	20
E1.2. Description of the proficiency test items	20
E1.3. Instructions for the participants.....	21
E1.4. Control testing for homogeneity evaluation.....	21
E1.5. Trend test for stability evaluation	21
E1.6. Determination of the assigned values.....	22
E2. Criteria of performance evaluation	23
E2.1. Performance criterion z-Score	23
E2.2. Performance criterion E _n -Score	23
E2.3. Performance evaluation z-Score and E _n -Score	24
E3. Representation and interpretation of measurement results.....	25
E4. Explanatory notes.....	25

E5. Annotations on tables and charts	26
E5.1. Information and abbreviations in tables	26
E5.2. Graphical presentation of results	27
E6. Summary	31
E6.1. Table of assigned values	31
E6.2. Summary of results, after removal of outliers.....	33
E7. Parameterorientierte Auswertung / Parameter oriented report.....	35
E8. Labororientierte Auswertung / Laboratory oriented report.....	226

D1. Beschreibung des Ringversuchs

D1.1. Ausgestaltung und Durchführung

- Anzahl der Anmeldungen: 27
- Anzahl der übermittelten Datensätze: 27
- Probenversand: 26.02.2019
- Einsendeschluss der Daten: 02.04.2019

Die Ergebnisabgabe erfolgte auf elektronischem Weg mittels passwortgeschützter Online-Dateneingabe. Beim Abschluss der Dateneingabe bestätigte der Teilnehmer die vollständige und korrekte Eingabe aller Daten und die Freigabe der Ergebnisse zur Auswertung.

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

D1.2. Beschreibung der Prüfgegenstände

Die Probenahme von Grundwasser und Oberflächenwasser erfolgte am 25.02.2019. Das Probenmaterial umfasste:

- 1 Probe Grundwasser (H103 A)
- 1 Probe Oberflächenwasser (H103 B)

Alle Proben wurden bis zur weiteren Verarbeitung bei < 4 °C gelagert. Die o.a. Proben wurden zusätzlich mit einzelnen Substanzen dotiert.

Das Abfüllen der Proben erfolgte unter ständigem Rühren (Rührkessel). Die homogenen Prüfgegenstände wurden am 26.02.2019 verschickt.

Jedes Teilnehmerlabor erhielt, je nach Bestellung:

- 2 Proben zu je 600 ml, abgefüllt in 300 ml Alu-Flaschen oder
- 2 Proben zu je 2000 ml, abgefüllt in 1000 ml Alu-Flaschen oder
- 2 Proben zu je 4000 ml, abgefüllt in 1000 ml Alu-Flaschen

D1.3. Anweisungen für die Teilnehmer

Aus Stabilitätsgründen wurde empfohlen bis spätestens 06.03.2019 mit den Analysen zu beginnen.

Den Teilnehmern stand die Wahl der Analyseverfahren bzw. der verwendeten Norm frei, welche mit ihrem Routineverfahren übereinstimmen sollte.

D1.4. Kontrollanalytik zur Bewertung der Homogenität

Im Zuge der Abfüllung wurden zu willkürlichen Zeitpunkten mehrere Aliquote pro Probe zur Kontrollanalytik entnommen.

Es wurden für die A- bzw. B-Probe jeweils n=5 Kontrollproben sowie n=1 undotierte Realprobe dem Labor zur Analyse übergeben.

Alle Parameter wurden in der Prüfstelle am Umweltbundesamt (Prüfstelle für Umwelt-, GVO- & Treibstoffanalytik) zeitnah zum Probenversand analysiert.

Im Zuge der Auswertung wurde die relative Standardabweichung zwischen den Kontrollprobenabfüllungen bewertet und mit der Vergleichsstandardabweichung beim aktuellen Ringversuch verglichen.

Die Ergebnisse der Kontrollanalytik sind in der parameterorientierten Auswertung (E7) in Form von Mittelwerten \pm Messunsicherheit als Kontrollwert (control test value) \pm U gelistet (jeweils angegeben als erweiterte Messunsicherheit, $k=2$).

D1.5. Trendtest zur Bewertung der Stabilität

Die Bewertung der Stabilität der Prüfgegenstände (Realproben) erfolgte auf Basis der Datenstatistik aus den vergangenen Runden für Realproben im Zeitraum 2013 bis 2018.

Um die ausreichende Stabilität der Prüfgegenstände der aktuellen Eignungsprüfungsrunde bis zum Abgabetermin zu überprüfen, wurde die Darstellung der Teilnehmerergebnisse nach Analysendatum ausgewertet und auf systematische Trends geprüft (unauffällig). Durch Darstellung der Teilnehmerergebnisse nach Abfüllreihenfolge wurde auf das Vorliegen möglicher systematischer Trends der Ergebnisse geprüft (unauffällig).

Aufgrund der bisherigen Erfahrungen und aufgrund der Bewertungsgrundlagen der aktuellen Eignungsprüfungsrunde gilt die Stabilität der Prüfgegenstände im empfohlenen Zeitraum für die Analyse bis zum Abgabeschluss als gewährleistet.

D1.6. Ermittlung des zugewiesenen Wertes

Die Ergebnisse der Analysen mussten spätestens bis zum 02.04.2019 beim Veranstalter vorliegen. Später eingehende Werte wurden nicht berücksichtigt.

Im Zuge der Plausibilitätsprüfung der Daten (z.B. Check korrekte Einheiten, Messunsicherheitsangabe, ...) wurden die Teilnehmer mit auffälligen Ergebnissen zum erneuten Datencheck der Eingabe und um Rückmeldung binnen 24 h aufgefordert.

Nach Abschluss der Plausibilitätsprüfung, wurde der Ausreißertest nach Hampel durchgeführt und die Ausreißer ermittelt. Die von diesem Test auffällig eingestuft Werte wurden in der Auswertung gekennzeichnet („H“). In begründeten Fällen, z.B. wenn der Ausreißertest nach Hampel nicht anwendbar ist (z.B. Ergebnisse liegen sehr eng beieinander oder überwiegend selber Zahlenwert bzw. bei wenig abgegebenen Daten mit sehr hoher Streuung), kann eine Ausreißereliminierung nach weiteren Kriterien erfolgen (z.B. Dean- und Dixon Test bzw. manuelle Ausreißerdefinition aufgrund Expertenbefund). Diese Vorgangsweise wird nach Anwendung unter Punkt D4 des Berichts dokumentiert.

Die weitere Auswertung erfolgte gemäß DIN ISO 5725-2. Eine statistische Auswertung der Ringversuchsdaten erfolgte erst ab zumindest 6 gültigen, numerischen Ergebnissen pro Parameter. Ergebnisse kleiner Bestimmungs- oder Nachweisgrenze wurden bei den Berechnungen nicht berücksichtigt.

Der zugewiesene Wert wird im Normalfall jeweils als der ausreißerbereinigte Mittelwert über alle übermittelten Ergebnisse gebildet.

Bei sehr hohen Streuungen der Teilnehmerergebnisse von über 50 % und/oder bei mangelhafter Rückführbarkeit der statistischen Kenndaten aus den ausreißerbereinigten Ergebnissen der Teilnehmer auf den Mittelwert des Kontrolllabores, kann die Situation auftreten, dass kein zugewiesener Wert für den aktuellen Ringversuch festgelegt werden kann und daher keine Bewertung der Teilnehmerergebnisse für diesen Parameter möglich ist. Ein entsprechender Hinweis wird im Bericht unter E7 bei der informativen Auswertung angebracht. Im Rahmen der internen Qualitätssicherung der Teilnehmer kann ein Vergleich mit den Ergebnissen des Kontrolllabors durchgeführt werden. Diese Vorgehensweise wird bei Anwendung jeweils parameter- und probenbezogen unter Punkt D4 des Berichts dokumentiert.

D2. Kriterien der Leistungsbewertung

D2.1. Leistungskriterium z-Score

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

Die Ermittlung der z-Scores erfolgte gemäß nachfolgender Formel:

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

Dabei ist:

x_i	Messergebnis des teilnehmenden Labors
\bar{X}	zugewiesener Wert Sollwert für die Leistungsbewertung der Teilnehmer (angegeben auf 3 signifikante Stellen); im Regelfall: ausreißerbereinigter Mittelwert der Teilnehmerergebnisse. Eine davon abweichende Vorgehensweise wird unter Punkt D4 des Berichts beschrieben.
<i>Kriterium</i>	Vergleichsstandardabweichung berechnet aus den Statistiken für reale Wasserproben der vorangegangenen Runden im Zeitraum 2013 bis 2018 (RSDpooled) bzw. aus den ausreißerbereinigten Teilnehmerergebnissen (sR) des aktuellen Ringversuchs (falls noch weniger als 6 vorangegangene Runden für A und B-Proben vorlagen). In begründeten Fällen (z.B. Ergebnisse Realproben nahe an Mindestbestimmungsgrenze oder regulatorischer Vorgaben) erfolgt die Festlegung nach Expertenbefund und die Vorgangsweise wird unter Punkt D4 des Berichts beschrieben.

D2.2. Leistungskriterium E_n-Score

Für die realen Wasserproben erfolgen neu ab 2019 zusätzliche Bewertungen unter Einbeziehung der erweiterten Messunsicherheiten der Teilnehmer und der erweiterten Messunsicherheit des zugewiesenen Wertes, gemäß E_n-Score. Diese Auswertungen werden für die Teilnehmer im Bericht unter Punkt E8, jeweils im Anschluss an die z-Score Auswertung dargestellt.

Die Ermittlung der E_n-Scores erfolgte gemäß nachfolgender Formel:

$$E_n - score = \frac{x_i - \bar{X}}{\sqrt{U(x_i)^2 + U(\bar{X})^2}}$$

Dabei ist:

x_i	Messergebnis des teilnehmenden Labors
\bar{X}	zugewiesener Wert Sollwert für die Leistungsbewertung der Teilnehmer (angegeben auf 3 signifikante Stellen); im Regelfall: ausreißerbereinigter Mittelwert der Teilnehmerergebnisse. Eine davon abweichende Vorgehensweise wird unter Punkt D4 des Berichts beschrieben.
$U(x_i)$	erweiterte Messunsicherheit des Messergebnisses (Teilnehmerergebnis)
$U(\bar{X})$	erweiterte Messunsicherheit des zugewiesenen Wertes

D2.3. Leistungsbewertung z-Score und E_n-Score

Interpretation der z-Scores:

- $|z\text{-Score}| \leq 2.0$ Ergebnis gut
- $2.0 < |z\text{-Score}| < 3.0$ Ergebnis fragwürdig
- $|z\text{-Score}| \geq 3.0$ Ergebnis nicht zufriedenstellend

Hinweis: Bei der Bewertung mittels z-Score wird die Messunsicherheit der Teilnehmer nicht mitberücksichtigt. Der Vergleich der Abweichung zum zugewiesenen Wert erfolgt über das Kriterium.

Interpretation der E_n-Scores:

- $|E_n\text{-Score}| \leq 1.0$ zufriedenstellende Leistung
- $|E_n\text{-Score}| > 1.0$ nicht zufriedenstellende Leistung

Hinweis: Bei der Bewertung mittels E_n-Score erfolgt die Berücksichtigung der erweiterten Messunsicherheiten der Teilnehmer und des zugewiesenen Wertes. $|E_n\text{-Score}| > 1.0$ können darauf hinweisen, dass die Unsicherheitsschätzungen überprüft oder ein Messproblem korrigiert werden muss.

D3. Darstellung und Interpretation der Messergebnisse

In der parameterorientierten Auswertung ist eine tabellarische Übersicht mit den Messergebnissen inklusive der Unsicherheit ($\pm U$), der Wiederfindung zum zugewiesenen Wert und dem berechneten z-Score dargestellt. Weiterhin werden unter Anmerkungen die Ausreißer gekennzeichnet. Die in der Tabelle angeführten Ergebnisse werden auch grafisch dargestellt.

In der labororientierten Auswertung werden pro Labor in anonymisierter Form die Ergebnisse der einzelnen Labore als Messergebnis $\pm U$ sowie die Wiederfindungen und die ermittelten z-Scores bezugnehmend auf das Kriterium dargestellt. Weiters werden die E_n -Scores unter Berücksichtigung der erweiterten Unsicherheiten in unabhängigen Tabellen ausgegeben. Die labororientierten Auswertungen enthalten jeweils die Bewertungsgrundlagen wie zugewiesener Wert samt erweiterter Messunsicherheit, sowie das Kriterium.

Eine Erläuterung zu den Tabellen und Grafiken kann Punkt D5 entnommen werden.

D4. Anmerkungen zur Auswertung

Wie unter Punkt D2 ersichtlich, können die z-Scores auch unter Einbeziehung der Vergleichsstandardabweichung der ausreißerbereinigten Teilnehmerergebnisse des aktuellen Ringversuchs berechnet werden. 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 z-Score - 2 bis z-Score + 2 einen ungewöhnlich kleinen Wiederfindungsbereich abdeckt.

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

Als Ergebnis einer Langzeitauswertung über aktuell 6 Eignungsprüfungsrunden (2013 - 2018) in Realproben wurden Kriterien (RSDpool) zur Ergebnisbewertung berechnet. Diese wurden im Zuge der Auswertung den relativen Vergleichsstandardabweichungen (vR) des aktuellen Ringversuchs gegenübergestellt.

Parameter Clopyralid, Probe H103 A und H103 B: Die relative Vergleichsstandardabweichung betrug hier für Probe A 51 % und für Probe B 47%. Es wurde daher in diesem Fall als Kriterium das berechnete Kriterium der Langzeitauswertung gewählt.

Für alle anderen Parameter wurde als Kriterium für die Berechnung des z-Scores das jeweils höhere Kriterium von der aktuellen Vergleichsstandardabweichung und dem berechneten Kriterium der Langzeitauswertung gewählt.

D5. Erläuterung zu Tabellen und Grafiken

D5.1. 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)
Zugewiesener Wert	Sollwert für die Leistungsbewertung der Teilnehmer (angegeben auf 3 signifikante Stellen)
U (k=2)	erweiterte Unsicherheit (k=2) des zugewiesenen Wertes, (angegeben auf 3 signifikante Stellen)
Kriterium	Vorgabewert zur Ermittlung des z-Scores in der angegebenen Einheit (angegeben auf 3 signifikante Stellen)
Kriterium [%]	Vorgabewert zur Ermittlung des z-Scores in % des zugewiesenen Wertes (angegeben auf 2 signifikante Stellen)
Mittelwert	Ausreißerbereinigter Mittelwert über die Teilnehmerergebnisse (angegeben auf 3 signifikante Stellen)
VB (99%)	99% Vertrauensbereich (angegeben auf 3 signifikante Stellen)
Minimum	Minimales abgegebenes Messergebnis, ausreißerbereinigt (angegeben auf 3 signifikante Stellen)
Maximum	Maximales abgegebenes Messergebnis, 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 (k=2)	Mittelwert der Kontrollmessungen des Veranstalters ± erweiterte Ergebnisunsicherheit des Kontrollwertes (jeweils angegeben auf 3 signifikante Stellen)
Laborcode	anonymisierte, eindeutige Teilnehmerkennung im jeweiligen Ringversuch
Messwert	einzelne(r) Messwert(e) lt. Teilnehmerangabe (maximal 5 Nachkommastellen dargestellt)

Messergebnis	Für die Bewertung herangezogenes Ergebnis lt. Teilnehmerangabe (maximal 5 Nachkommastellen dargestellt). Bei Eignungsprüfungsrunden mit Vorgabe von unabhängigen Mehrfachbestimmungen, entspricht dies dem berechneten Mittelwert aus den einzelnen Messwerten der Teilnehmer.
± U	Ergebnisunsicherheit lt. Teilnehmerangabe (maximal 5 Nachkommastellen dargestellt)
BG	Bestimmungsgrenze
NG	Nachweisgrenze
WF	Wiederfindungsrate in %, bezogen auf den zugewiesenen Wert (angegeben auf 3 signifikante Stellen, dargestellt maximal 1 Nachkommastelle)
MW	Mittelwert
z-Score	Abweichung des Messergebnisses zum zugewiesenen Wert, ausgedrückt als Vielfaches des Kriteriums (angegeben auf 3 signifikante Stellen, dargestellt maximal 2 Nachkommastellen)
E _n -Score	Abweichung des Messergebnisses zum zugewiesenen Wert, ausgedrückt als Vielfaches der kombinierten Messunsicherheiten, bestehend aus erweiterter Unsicherheit des zugewiesenen Wertes und der erweiterten Unsicherheit der Messergebnisse der Teilnehmer (angegeben auf 3 signifikante Stellen, dargestellt maximal 2 Nachkommastellen). Beim E _n -Score erfolgt die Berücksichtigung der Messunsicherheit der Teilnehmer.
-	Keine Daten übermittelt bzw. keine Berechnung möglich
Anmerkungen	Anmerkungen zum jeweiligen Messergebnis (z.B. H, FN, FP)
H	Ausreißer nach dem Hampel-Test
FN	Falsch negativ – Messergebnis kleiner Bestimmungsbzw. Nachweisgrenze dessen Betrag die Bedingungen eines Ausreißers nach dem Hampeltest erfüllt.
FP	Falsch positiv – Falls aufgrund des geringen Analytgehalts kein zugewiesener Wert ermittelt werden kann (n < 6), wird der Median der Beträge der übermittelten Nachweisbzw. Bestimmungsgrenzen ermittelt. Als falsch positiv wird ein Messergebnis bewertet, welches diesen Median um mehr als 100 % übersteigt.

Standardabweichung Vergleichsstandardabweichung berechnet aus den Teilnehmerergebnissen des aktuellen Ringversuchs (angegeben auf 3 signifikante Stellen)

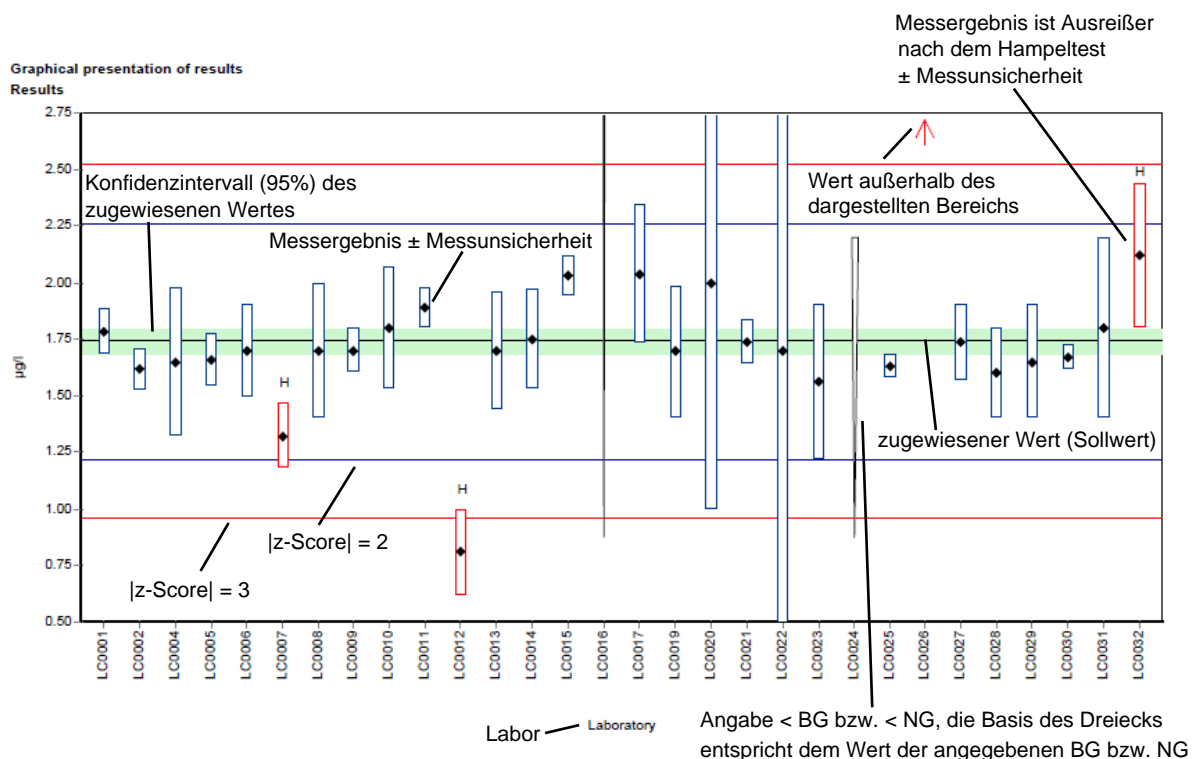
rel. Standardabweichung relative Vergleichsstandardabweichung in %, berechnet aus den Teilnehmerergebnissen des aktuellen Ringversuchs bezogen auf den Mittelwert (angegeben auf 3 signifikante Stellen)

n Anzahl der Messergebnisse

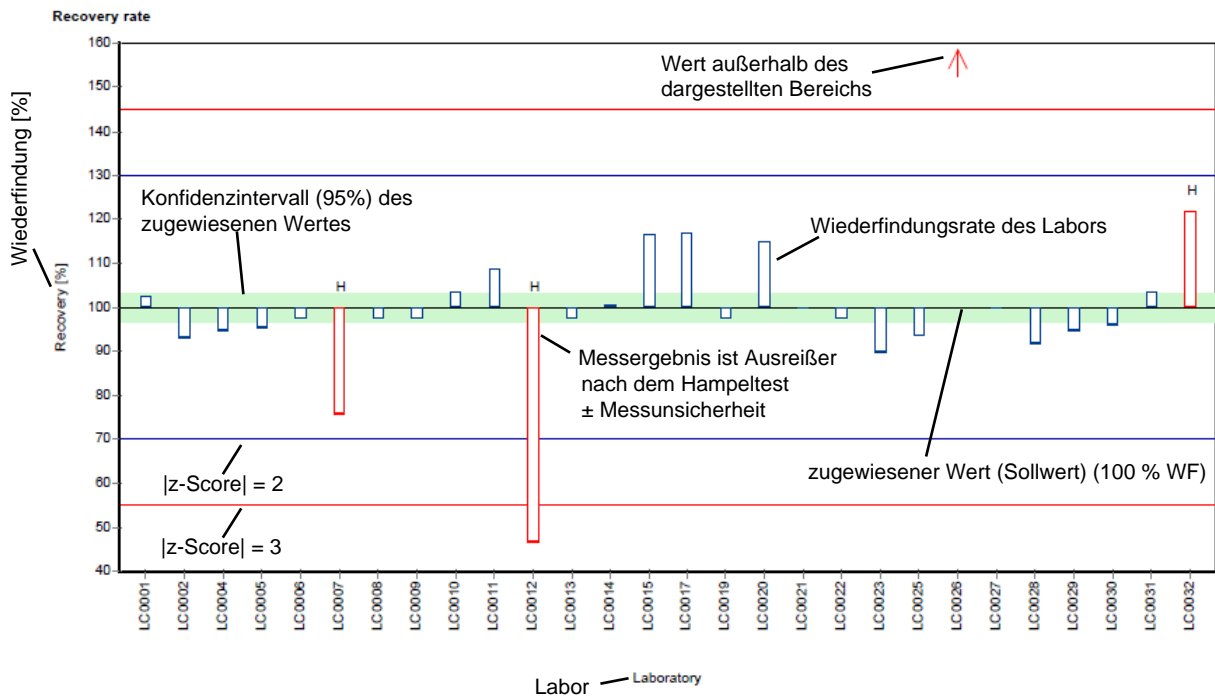
D5.2. Graphische Darstellung der Ergebnisse

Nachfolgend wird die graphische Darstellung anhand von kommentierten Beispieldiagrammen erläutert.

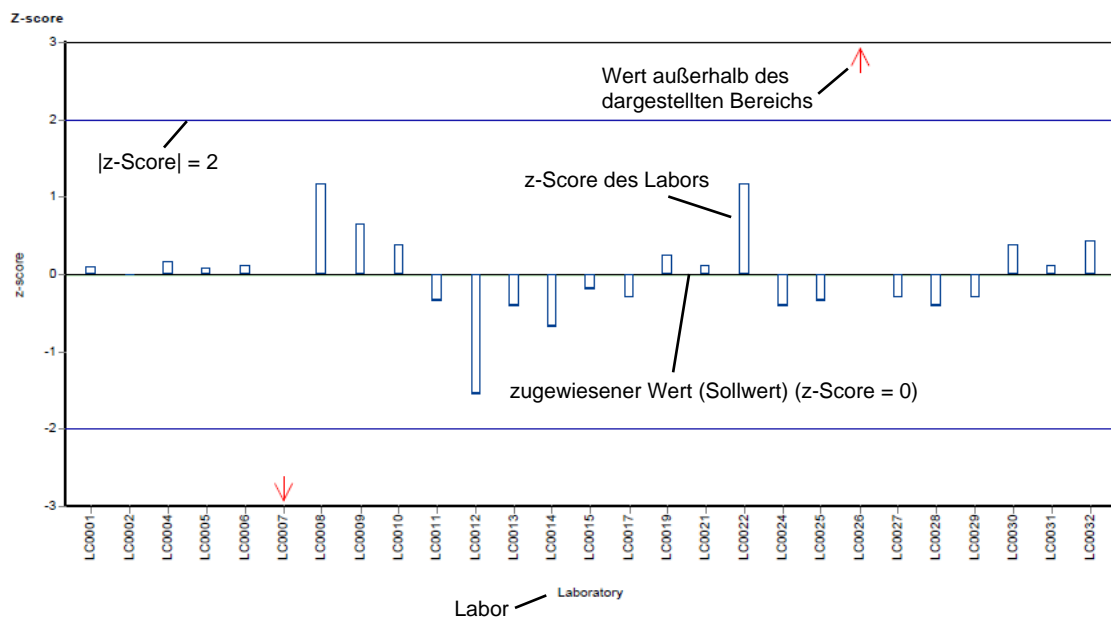
Beispieldiagramm: Messwerte



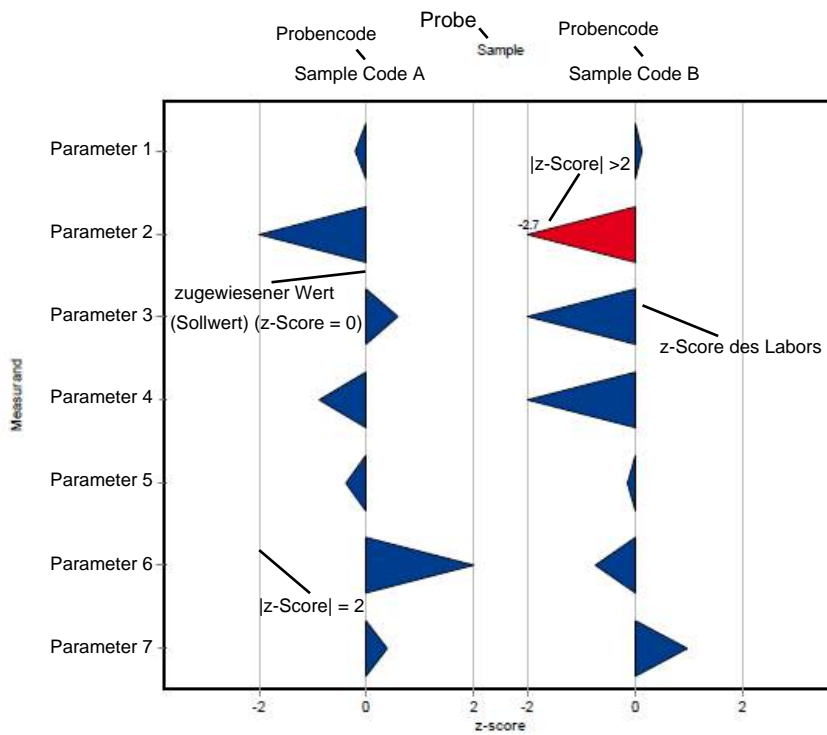
Beispieldiagramm: Wiederfindung zum zugewiesenen Wert



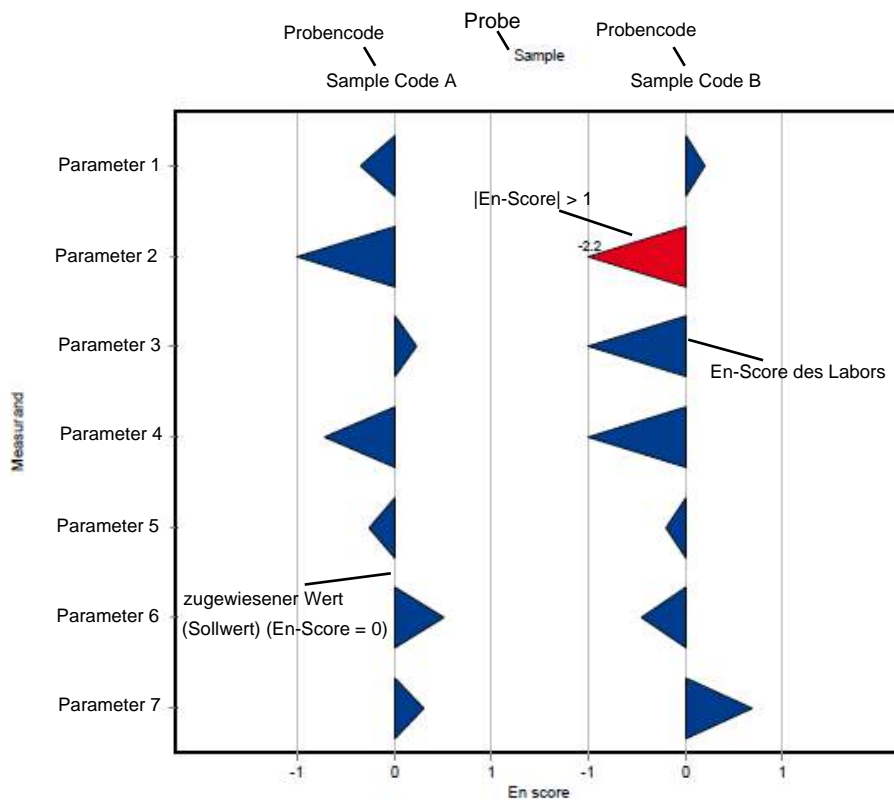
Beispieldiagramm: z-Score



Beispieldiagramm: z-Score (labororientierte Auswertung)



Beispieldiagramm: En-Score (labororientierte Auswertung)



D6. Zusammenfassung

D6.1. Tabelle der zugewiesenen Werte

Parameter	Probe	Einheit	zugewiesener Wert	±	U (k=2)	Kriterium	Kriterium [%]
2,6-Dichlorbenzamid	H103 A	µg/l	0.424	±	0.0357	0.0837	20
	H103 B	µg/l	0.122	±	0.00788	0.0183	15
Alachlor	H103 A	µg/l	0.531	±	0.0183	0.0637	12
	H103 B	µg/l	0.527	±	0.0223	0.0633	12
Atrazin	H103 A	µg/l	0.151	±	0.00508	0.0166	11
	H103 B	µg/l	0.69	±	0.0305	0.0763	11
Atrazin-Desethyl	H103 A	µg/l	0.665	±	0.0349	0.113	17
	H103 B	µg/l	0.172	±	0.00771	0.0293	17
Atrazin-Desethyl-Desisopropyl	H103 A	µg/l	0.109	±	0.0399	0.0528	48
	H103 B	µg/l	0.207	±	0.0415	0.0656	32
Atrazin-Desisopropyl	H103 A	µg/l	0.807	±	0.0517	0.121	15
	H103 B	µg/l	0.756	±	0.0438	0.113	15
Bromacil	H103 A	µg/l	0.322	±	0.0231	0.045	14
	H103 B	µg/l	0.268	±	0.0215	0.0417	16
Chloridazon	H103 A	µg/l	0.119	±	0.00542	0.0154	13
	H103 B	µg/l	0.332	±	0.02	0.0447	13
Chloridazon-Desphenyl	H103 A	µg/l	0.504	±	0.0229	0.0554	11
	H103 B	µg/l	0.245	±	0.0107	0.027	11
Chloridazon-Methyl-Desphenyl	H103 A	µg/l	0.0971	±	0.00392	0.0165	17
	H103 B	µg/l	0.0195	±	0.00367	0.0064	33
Clopyralid	H103 A	µg/l	0.277	±	0.101	0.0748	27
	H103 B	µg/l	0.575	±	0.191	0.155	27
Cyanazin	H103 A	µg/l	0.418	±	0.0247	0.0669	16
	H103 B	µg/l	0.282	±	0.0187	0.0451	16
Dimethenamid	H103 A	µg/l	0.673	±	0.0571	0.0988	15
	H103 B	µg/l	0.354	±	0.026	0.0469	13
Diuron	H103 A	µg/l	0.256	±	0.0132	0.0358	14
	H103 B	µg/l	0.86	±	0.0461	0.12	14
Metolachlor	H103 A	µg/l	0.327	±	0.0221	0.0506	15
	H103 B	µg/l	0.164	±	0.0112	0.0263	16
N,N-Dimethylsulfamid (DMS)	H103 A	µg/l	0.457	±	0.029	0.0685	15
	H103 B	µg/l	0.786	±	0.0547	0.118	15
Nicosulfuron	H103 A	µg/l	0.171	±	0.0321	0.0533	31
	H103 B	µg/l	0.287	±	0.0545	0.0903	31
Prometryn	H103 A	µg/l	0.448	±	0.0374	0.07	16
	H103 B	µg/l	0.519	±	0.0417	0.0781	15
Propazin	H103 A	µg/l	0.222	±	0.0151	0.0321	14
	H103 B	µg/l	0.296	±	0.0198	0.042	14
Sebuthylazin	H103 A	µg/l	0.35	±	0.0202	0.0379	11
	H103 B	µg/l	0.365	±	0.0236	0.0441	12
Simazin	H103 A	µg/l	0.604	±	0.0259	0.0664	11
	H103 B	µg/l	0.101	±	0.00575	0.0129	13
Terbutylazin	H103 A	µg/l	-	±	-	-	-
	H103 B	µg/l	0.239	±	0.0159	0.0389	16
Terbutylazin-Desethyl	H103 A	µg/l	0.872	±	0.0456	0.102	12
	H103 B	µg/l	0.25	±	0.0142	0.0325	13
Terbutryn	H103 A	µg/l	0.161	±	0.0117	0.0241	15

Parameter	Probe	Einheit	zugewiesener Wert	±	U (k=2)	Kriterium	Kriterium [%]
Terbutryn	H103 B	µg/l	0.527	±	0.0493	0.102	19

D6.2. Zusammenfassung der ausreißerbereinigten Ringversuchsergebnisse

Parameter	Probe	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Einheit	Mittelwert	± VB (99%)	Minimum	Maximum	sR	vR [%]
2,6-Dichlorbenzamid	H103 A	22	2	µg/l	0.424	± 0.0535	0.268	0.599	0.0837	20
	H103 B	21	3	µg/l	0.122	± 0.0118	0.0803	0.151	0.018	15
Alachlor	H103 A	12	3	µg/l	0.531	± 0.0275	0.478	0.59	0.0318	6
	H103 B	11	4	µg/l	0.527	± 0.0334	0.453	0.6	0.037	7
Atrazin	H103 A	25	0	µg/l	0.151	± 0.00762	0.122	0.179	0.0127	8.4
	H103 B	25	0	µg/l	0.69	± 0.0458	0.54	0.857	0.0763	11
Atrazin-Desethyl	H103 A	22	2	µg/l	0.665	± 0.0524	0.423	0.79	0.0819	12
	H103 B	22	2	µg/l	0.172	± 0.0116	0.131	0.206	0.0181	11
Atrazin-Desethyl-Desisopropyl	H103 A	7	3	µg/l	0.109	± 0.0599	0.07	0.211	0.0528	48
	H103 B	10	0	µg/l	0.207	± 0.0622	0.13	0.341	0.0656	32
Atrazin-Desisopropyl	H103 A	22	1	µg/l	0.807	± 0.0776	0.588	1.04	0.121	15
	H103 B	21	3	µg/l	0.756	± 0.0656	0.572	0.97	0.1	13
Bromacil	H103 A	15	1	µg/l	0.322	± 0.0347	0.242	0.396	0.0448	14
	H103 B	15	1	µg/l	0.268	± 0.0323	0.192	0.336	0.0417	16
Chloridazon	H103 A	21	1	µg/l	0.119	± 0.00813	0.1	0.147	0.0124	10
	H103 B	20	2	µg/l	0.332	± 0.03	0.25	0.427	0.0447	13
Chloridazon-Desphenyl	H103 A	17	3	µg/l	0.504	± 0.0344	0.413	0.59	0.0472	9.4
	H103 B	16	4	µg/l	0.245	± 0.0161	0.197	0.285	0.0214	8.7
Chloridazon-Methyl-Desphenyl	H103 A	18	2	µg/l	0.0971	± 0.00588	0.08	0.113	0.00832	8.6
	H103 B	12	1	µg/l	0.0195	± 0.00551	0.01	0.034	0.00636	33
Clopyralid	H103 A	8	0	µg/l	0.277	± 0.151	0.0727	0.484	0.142	51
	H103 B	8	0	µg/l	0.575	± 0.286	0.205	1.03	0.269	47
Cyanazin	H103 A	18	0	µg/l	0.418	± 0.0371	0.338	0.51	0.0524	13
	H103 B	17	1	µg/l	0.282	± 0.028	0.228	0.35	0.0385	14
Dimethenamid	H103 A	12	1	µg/l	0.673	± 0.0856	0.492	0.857	0.0988	15
	H103 B	13	0	µg/l	0.354	± 0.039	0.282	0.453	0.0469	13

Parameter	Probe	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Einheit	Mittelwert	± VB (99%)	Minimum	Maximum	sR	vR [%]
Diuron	H103 A	22	0	µg/l	0.256	± 0.0197	0.197	0.33	0.0309	12
	H103 B	22	0	µg/l	0.86	± 0.0691	0.649	1.05	0.108	13
Metolachlor	H103 A	21	2	µg/l	0.327	± 0.0332	0.213	0.421	0.0506	15
	H103 B	22	1	µg/l	0.164	± 0.0169	0.12	0.217	0.0263	16
N,N-Dimethylsulfamid (DMS)	H103 A	14	3	µg/l	0.457	± 0.0435	0.36	0.565	0.0542	12
	H103 B	16	2	µg/l	0.786	± 0.082	0.493	1	0.109	14
Nicosulfuron	H103 A	11	2	µg/l	0.171	± 0.0482	0.055	0.244	0.0533	31
	H103 B	11	2	µg/l	0.287	± 0.0817	0.091	0.4	0.0903	31
Prometryn	H103 A	14	0	µg/l	0.448	± 0.0561	0.294	0.525	0.07	16
	H103 B	14	0	µg/l	0.519	± 0.0626	0.317	0.601	0.0781	15
Propazin	H103 A	18	0	µg/l	0.222	± 0.0227	0.169	0.28	0.0321	14
	H103 B	18	0	µg/l	0.296	± 0.0297	0.233	0.364	0.042	14
Sebuthylazin	H103 A	14	0	µg/l	0.35	± 0.0304	0.286	0.446	0.0379	11
	H103 B	14	0	µg/l	0.365	± 0.0353	0.287	0.461	0.0441	12
Simazin	H103 A	21	1	µg/l	0.604	± 0.0389	0.472	0.714	0.0594	9.8
	H103 B	20	2	µg/l	0.101	± 0.00863	0.076	0.128	0.0129	13
Terbuthylazin	H103 A	3	0	µg/l	-	± -	0.025	0.316	-	-
	H103 B	24	1	µg/l	0.239	± 0.0238	0.14	0.31	0.0389	16
Terbuthylazin-Desethyl	H103 A	20	2	µg/l	0.872	± 0.0684	0.639	1.05	0.102	12
	H103 B	21	1	µg/l	0.25	± 0.0213	0.179	0.333	0.0325	13
Terbutryn	H103 A	17	0	µg/l	0.161	± 0.0175	0.108	0.195	0.0241	15
	H103 B	17	0	µg/l	0.527	± 0.0739	0.306	0.657	0.102	19

E1. Description of the proficiency test

E1.1. Design and implementation

- Number of registrations: 27
- Number of submitted data records: 27
- Dispatch of samples: 26th February 2019
- Closing date for submission of data: 2nd April 2019

The results were submitted electronically through password-protected online data entry. Upon completion of the data entry, the participant confirmed the complete and correct entry of all data and the authorization of the results for evaluation.

To anonymize results, each laboratory was assigned a laboratory code on a random basis.

E1.2. Description of the proficiency test items

The sampling of ground water and surface water was carried out on 25th February 2019.

The following samples were made available:

- 1 sample ground water (H103 A)
- 1 sample surface water (H103 B)

Both samples were stored at < 4 °C until further processing.

The samples were partly spiked with specific substances and filled into bottles under continuous stirring to obtain homogeneous samples. The homogeneous proficiency test items were dispatched on 26th February 2019.

All participating laboratories received (depending on the order):

- 2 samples (each 600 ml), filled in 300 ml aluminium bottles or
- 2 samples (each 2000 ml), filled in 1000 ml aluminium bottles or
- 2 samples (each 4000 ml), filled in 1000 ml aluminium bottles.

E1.3. Instructions for the participants

For reasons of stability, it was recommended to start the analysis by the 06th March 2019 at the latest.

The participants are expected to use the test method or measurement method of their choice, which should be consistent with their routine procedures.

E1.4. Control testing for homogeneity evaluation

During filling of the bottles, aliquots of each sample were collected randomly for control testing. From each of the samples A and B, n=5 control test samples and n=1 unspiked real water sample were transferred to the laboratory for control testing.

All parameters were tested in the testing laboratory at the Environment Agency Austria (Prüfstelle für Umwelt-, GVO- & Treibstoffanalytik) close to the time of sample dispatch.

During evaluation, the relative standard deviation between the individual results of the control test samples was assessed and compared with the reproducibility standard deviation of the current proficiency test.

In the parameter-oriented evaluation (E7), the results of the control testing are given in the form of arithmetic means of the detected concentrations \pm expanded measurement uncertainty as control test value \pm U (expanded uncertainty, k=2).

E1.5. Trend test for stability evaluation

The evaluation of stability of the proficiency test items was performed using data statistics of previous results of proficiency testing rounds for real water samples during the period 2013 to 2018.

The assessment of the stability of the proficiency test items of the current round was carried out by evaluation of all participant results sorted by analysis date (until submission deadline): No systematic trends were identified.

Using all participant results, it was furthermore tested if systematic trends could be detected depending on the order in which the bottles were filled for the proficiency test: No systematic trends could be identified.

According to data obtained from previous rounds for real water samples from 2013 to 2018 and based on the trend test evaluation of the current round, the stability of the

test items for proficiency testing of real water samples can be confirmed for the recommended analysis period until deadline for submission of data.

E1.6. Determination of the assigned values

The analytical results had to be made available to the organiser not later than 2nd April 2019. Any values received at a later date were not considered.

In the course of the plausibility assessment of all received data (e.g. check for correct units, indication of measurement uncertainty,...) participants with noticeable results were asked to perform a subsequent data check and to give a prompt feedback within 24 h.

After plausibility assessment, an outlier test according to Hampel was performed to identify outliers. Values identified as conspicuous are marked specifically in the parameter-oriented evaluation ('H').

In justified cases, for instance, when the outlier test according to Hampel is not applicable (e.g. many similar or identical results of the participants or in case of a very limited number of highly scattering results) a different outlier identification method can be applied (e.g. Dean and Dixon outlier test or manual outlier elimination by expert judgement). In such a case, this procedure is documented in section E4 of the report.

Further data evaluation was performed in accordance with DIN ISO 5725-2. A statistical evaluation of proficiency testing data was only carried out if at least 6 valid results per parameter were available. Results < LOQ or < LOD are not included in the calculation of the assigned value.

The assigned values are normally calculated as the mean over all submitted results, after removal of outliers.

For real water samples in some exceptional cases it might occur, that no assigned value based on participants' results can be calculated and no evaluation of the participants results can be made. E.g. due to large variations in the participant results ($vR > 50\%$) and/or insufficient traceability of the calculated mean of all participants after outlier-clearing to the mean of control testing.

In this case, a clear statement in section E7 of the report is made and all provided statistical data are for information only. In section E4 further information is given, when applicable, for each parameter and proficiency test item. In course of the internal quality assurance, the participants can compare their results to the control test values.

E2. Criteria of performance evaluation

E2.1. Performance criterion z-Score

The adjusted average value (after removal of outliers) for all submitted results was used as a basis for the calculation of recovery rates and z-scores.

z-Scores were calculated based on the following formula:

$$z - score = \frac{x_i - \bar{X}}{Criteria}$$

In this context,

x_i	is the measurement value (result) of the participating laboratory
\bar{X}	assigned value the target value for the assessment of the performance of the participants (3 significant digits), normally the average value of the participants' results after removal of outliers; if this approach is not applicable, the target value is assigned according to the procedure given in section E4
Criteria	is the reproducibility standard deviation calculated from previous rounds for proficiency testing for real water samples from 2013 to 2018 (as RSD pooled) or from the participants' results after removal of outliers (sR) in the current round (if less than 6 previous rounds for the parameters of real water samples A and B are available). Where justified (e.g. results for real water samples are close to minimum quantification limit or in case of regulatory requirements) the criteria is defined by expert judgement and the procedure is clearly described in section E4 of the report.

E2.2. Performance criterion E_n-Score

New for the 2019 proficiency testing of real water samples is the additional assessment of the participants' results using E_n-Scores. This additional assessment takes into account the expanded measurement uncertainties of the participants results and the expanded uncertainty of the assigned value and is provided in the laboratory oriented part of the report (see E8 after the z-scores evaluation).

E_n-Scores were calculated based on the following formula:

$$E_n - score = \frac{x_i - \bar{X}}{\sqrt{U(x_i)^2 + U(\bar{X})^2}}$$

In this context,

x_i	is the measurement value (result) of the participating laboratory
\bar{X}	assigned value the target value for the assessment of the performance of the participants (3 significant digits), normally the average value of the participants' results after removal of outliers; if this approach is not applicable, the target value is assigned according to the procedure given in section E4
$U(x_i)$	expanded measurement uncertainty for the result of the participating laboratory
$U(\bar{X})$	expanded measurement uncertainty for the assigned value

E2.3. Performance evaluation z-Score and E_n -Score

Interpretation of z-Scores:

- $|z\text{-Score}| \leq 2.0$ good result
- $2.0 < |z\text{-Score}| < 3.0$ questionable result
- $|z\text{-Score}| \geq 3.0$ unsatisfactory result

Note: In case of assessment of the participants' performance by z-scores the measurement uncertainty of the participants' results is not taken into account. The difference between the results of participants and the assigned value is evaluated by the criteria.

Interpretation of E_n -Scores:

- $|E_n\text{-Score}| \leq 1.0$ satisfactory performance
- $|E_n\text{-Score}| > 1.0$ unsatisfactory performance

Note: In case of assessment of the participants' performance by E_n -Scores the expanded measurement uncertainties for the results and for the assigned values are taken into account. $|E_n\text{-Score}| > 1.0$ might indicate to check the measurement uncertainty estimation or to correct a measurement problem.

E3. Representation and interpretation of measurement results

The parameter-oriented report provides the measurement values (results) including uncertainty ($\pm U$), recovery rate, calculated z-Score and outliers in tabular form. The results listed in the table are also represented graphically.

The laboratory oriented report shows the results of the individual laboratories (anonymous), including the measurement uncertainty ($\pm U$), recovery rates, z-Scores and additionally the evaluation of E_n -Scores on separate pages.

The tables also contain the evaluation basis such as the assigned values including expanded measurement uncertainties and the criteria.

An annotation of the tables and graphics is given in section E5.

E4. Explanatory notes

As explained in section E2, the z-Score can also be calculated using the reproducibility standard deviation, calculated from the participants' results (after removal of outliers) in the relevant test round. It might occur that the z-Score between -2 and 2 covers a large range of measurement values when the variance of the results is high. On the other hand, the range of good results can be very narrow, when the variation of the participants' results is small.

The recovery rate is calculated for the individual result based on the assigned value and is thus independent of the reproducibility standard deviation. In case of a high variance of the results, participants should also consider recovery rates as additional criteria to decide on the necessity of internal quality assurance measures.

As a result of a long-term evaluation of 6 proficiency testing rounds (2013 - 2018) in real samples, evaluation criteria (RSDpool) were calculated. These criteria were compared with the relative reproducibility standard deviation (sR) of the current proficiency testing.

Parameter Clopyralid, Samples H103 A and H103 B: The relative reproducibility standard deviation was 51% for Sample A and 47% for Sample B. In this case, the calculated criterion of long-term evaluation was chosen as the criterion.

For all other parameters, the higher criterion of the current relative reproducibility standard deviation and the calculated criterion of long-term evaluation was selected as the criterion for calculating the z-score.

E5. Annotations on tables and charts

E5.1. Information and abbreviations in tables

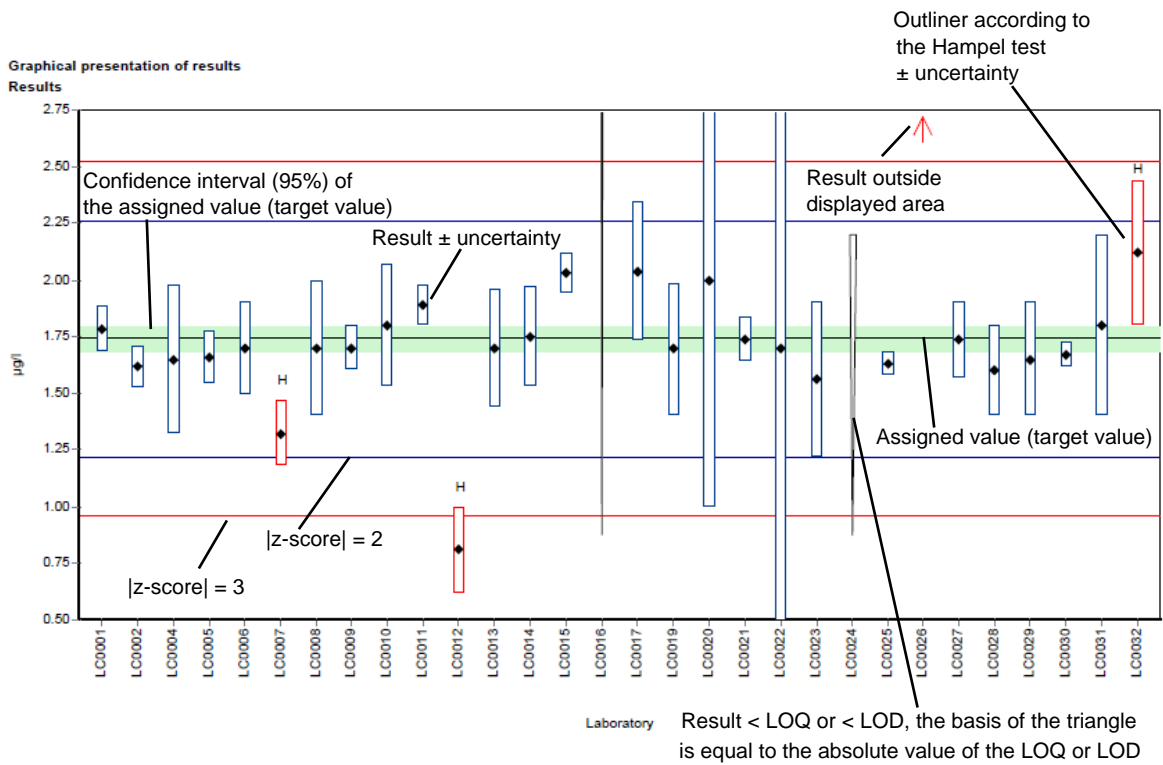
Parameter	Analyte identifier
Sample	Sample identifier
Unit	Given unit for result and uncertainty (e.g. µg/l)
Assigned value	Target value for proficiency assessment of the participants (3 significant digits)
U (k=2)	Expanded uncertainty (k=2) of the assigned value (3 significant digits)
Criterion	Specified value for the determination of the z-score in the given unit (3 significant digits)
Criterion [%]	Specified value for the determination of the z-score in % of the assigned value (3 significant digits)
Mean	Mean of the participants results, without outliers (3 significant digits)
CI (99 %)	99% confidence interval (3 significant digits)
Minimum	Minimum of all submitted results, after removal of outliers (3 significant digits)
Maximum	Maximum of all submitted results, after removal of outliers (3 significant digits)
sR	Reproducibility standard deviation, calculated from the participants results, after removal of outliers (3 significant digits)
vR [%]	Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, after removal of outliers (2 significant digits)
Control test value ± U (k=2)	Mean of control test value ± expanded measurement uncertainty (3 significant digits)
Labcode	Laboratory identifier (anonymized)
Result ± U	Result as indicated by participant (max. 5 decimal places) uncertainty as indicated by participant (max. 5 decimal places)
LOQ	Limit of quantification
LOD	Limit of detection
Recovery	Recovery rate in % based on assigned value (target value) (3 significant digits, max. one decimal place given)
z-Score	Deviation of result based on the assigned value (target value) given as a multiple of the criteria (3 significant digits, max. 2 decimal places given)
E _n -Score	Deviation of result based on the assigned value (target value) given as a multiple of the combined expanded

	measurement uncertainty of the participant's results and expanded measurement uncertainty for the assigned value (3 significant digits, max. 2 decimal places given). Note: E _n -Score assessment takes into account the measurement uncertainty of the participants.
-	No data available or no calculation possible
Comments	Comment on the respective result (e.g. H, FN, FP)
H	Outlier according to Hampel-Test
FN	False negative – for a result < LOQ or result < LOD: The absolute value of the LOQ or LOD fulfils the condition of an outlier according to the Hampel test.
FP	False positive – for parameters where no target value is available because of a too low analyte content (n < 6): Result that exceeds the median of the absolute values of the transmitted LOQs or LODs by more than 100 %.
Standard deviation	Reproducibility standard deviation, calculated from the participants results (3 significant digits)
Rel. standard deviation	Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, (3 significant digits)
n	Number of results

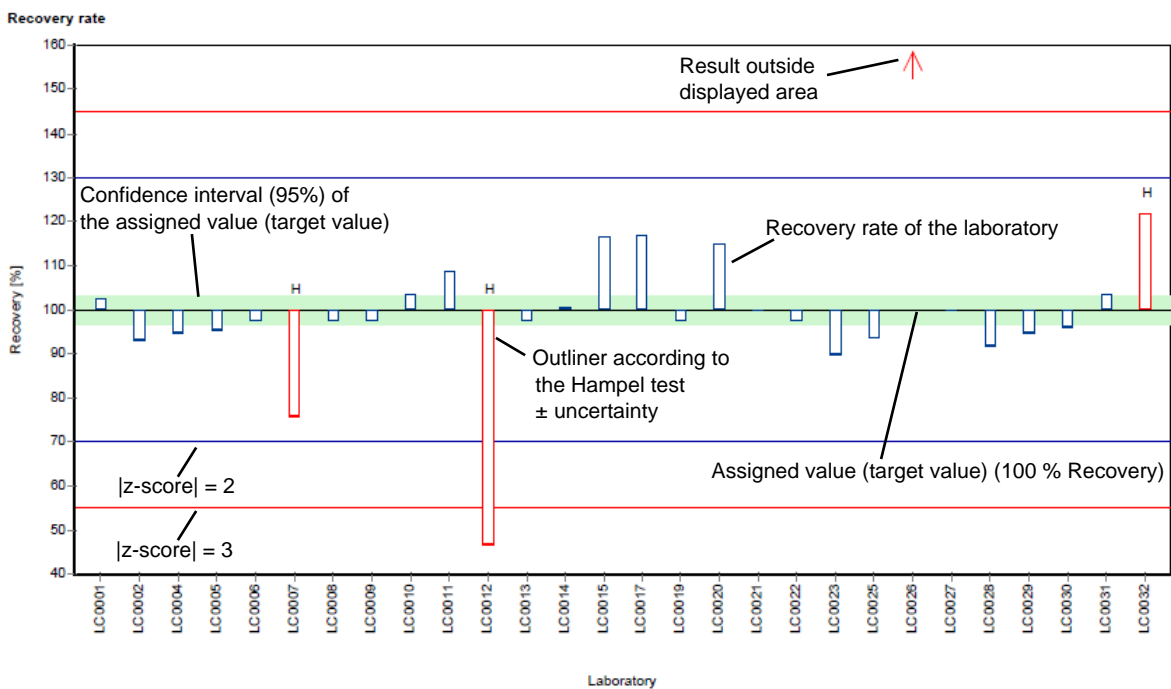
E5.2. Graphical presentation of results

The graphic representation in the report is explained below by means of commented example diagrams:

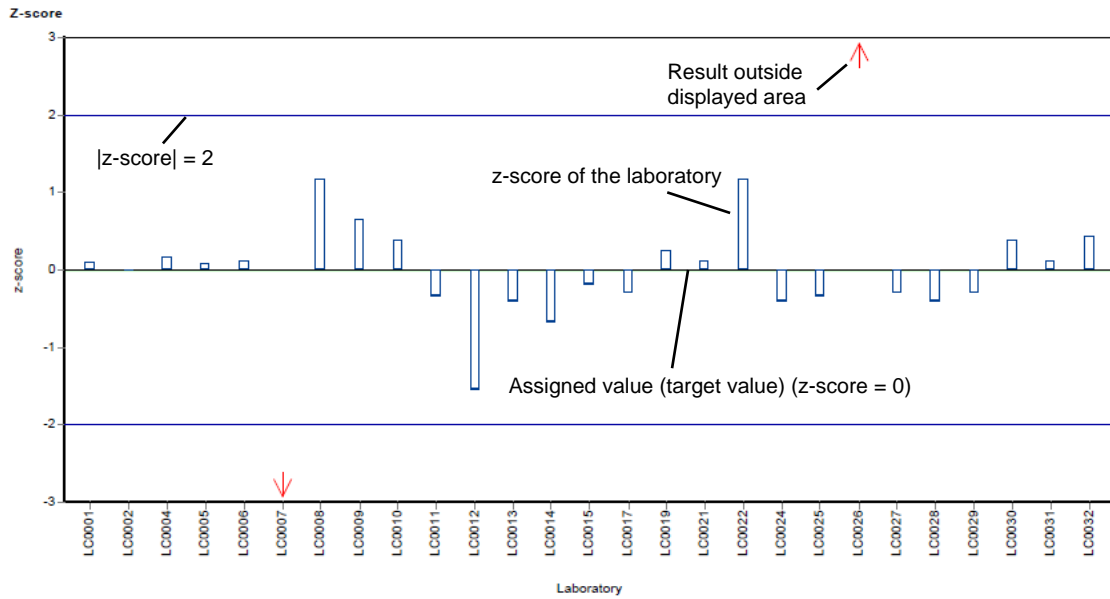
Example chart: Results



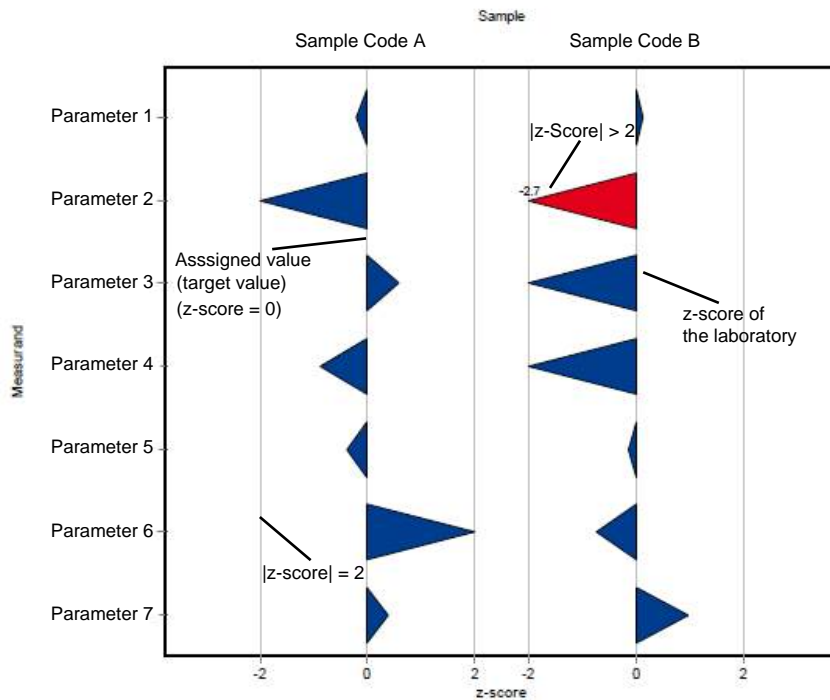
Example chart: Recovery



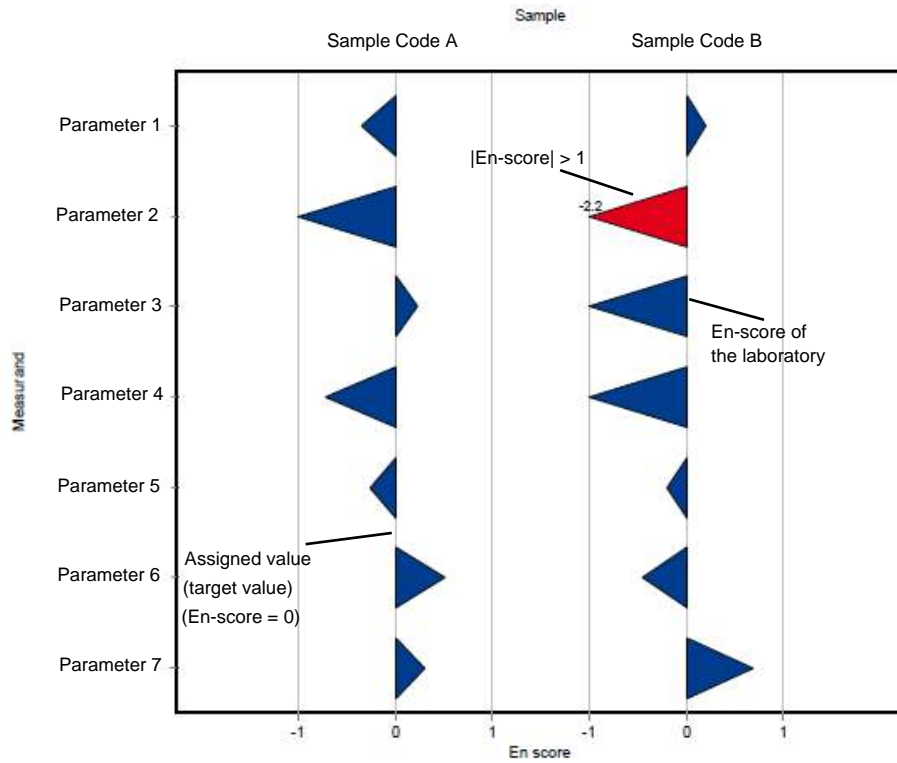
Example chart: z-score



Example chart: z-score (laboratory oriented report)



Example chart: En-score (laboratory oriented report)



E6. Summary

E6.1. Table of assigned values

Parameter	Sample	Unit	Assigned value	±	U (k=2)	Criterion	Criterion [%]
2,6-Dichlorobenzamide	H103 A	µg/l	0.424	± 0.0357	0.0837	20	
	H103 B	µg/l	0.122	± 0.00788	0.0183	15	
Alachlor	H103 A	µg/l	0.531	± 0.0183	0.0637	12	
	H103 B	µg/l	0.527	± 0.0223	0.0633	12	
Atrazine	H103 A	µg/l	0.151	± 0.00508	0.0166	11	
	H103 B	µg/l	0.69	± 0.0305	0.0763	11	
Atrazine-desethyl	H103 A	µg/l	0.665	± 0.0349	0.113	17	
	H103 B	µg/l	0.172	± 0.00771	0.0293	17	
Atrazine-desethyl-desisopropyl	H103 A	µg/l	0.109	± 0.0399	0.0528	48	
	H103 B	µg/l	0.207	± 0.0415	0.0656	32	
Atrazine-desisopropyl	H103 A	µg/l	0.807	± 0.0517	0.121	15	
	H103 B	µg/l	0.756	± 0.0438	0.113	15	
Bromacil	H103 A	µg/l	0.322	± 0.0231	0.045	14	
	H103 B	µg/l	0.268	± 0.0215	0.0417	16	
Chloridazon	H103 A	µg/l	0.119	± 0.00542	0.0154	13	
	H103 B	µg/l	0.332	± 0.02	0.0447	13	
Chloridazon-desphenyl	H103 A	µg/l	0.504	± 0.0229	0.0554	11	
	H103 B	µg/l	0.245	± 0.0107	0.027	11	
Chloridazon-methyl-desphenyl	H103 A	µg/l	0.0971	± 0.00392	0.0165	17	
	H103 B	µg/l	0.0195	± 0.00367	0.0064	33	
Clopyralid	H103 A	µg/l	0.277	± 0.101	0.0748	27	
	H103 B	µg/l	0.575	± 0.191	0.155	27	
Cyanazine	H103 A	µg/l	0.418	± 0.0247	0.0669	16	
	H103 B	µg/l	0.282	± 0.0187	0.0451	16	
Dimethenamide	H103 A	µg/l	0.673	± 0.0571	0.0988	15	
	H103 B	µg/l	0.354	± 0.026	0.0469	13	
Diuron	H103 A	µg/l	0.256	± 0.0132	0.0358	14	
	H103 B	µg/l	0.86	± 0.0461	0.12	14	
Metolachlor	H103 A	µg/l	0.327	± 0.0221	0.0506	15	
	H103 B	µg/l	0.164	± 0.0112	0.0263	16	
N,N-Dimethylsulfamide (DMS)	H103 A	µg/l	0.457	± 0.029	0.0685	15	
	H103 B	µg/l	0.786	± 0.0547	0.118	15	
Nicosulfurone	H103 A	µg/l	0.171	± 0.0321	0.0533	31	
	H103 B	µg/l	0.287	± 0.0545	0.0903	31	
Prometryn	H103 A	µg/l	0.448	± 0.0374	0.07	16	
	H103 B	µg/l	0.519	± 0.0417	0.0781	15	
Propazine	H103 A	µg/l	0.222	± 0.0151	0.0321	14	
	H103 B	µg/l	0.296	± 0.0198	0.042	14	
Sebuthylazine	H103 A	µg/l	0.35	± 0.0202	0.0379	11	
	H103 B	µg/l	0.365	± 0.0236	0.0441	12	
Simazine	H103 A	µg/l	0.604	± 0.0259	0.0664	11	
	H103 B	µg/l	0.101	± 0.00575	0.0129	13	
Terbutylazine	H103 A	µg/l	-	± -	-	-	
	H103 B	µg/l	0.239	± 0.0159	0.0389	16	
Terbutylazine-desethyl	H103 A	µg/l	0.872	± 0.0456	0.102	12	
	H103 B	µg/l	0.25	± 0.0142	0.0325	13	
Terbutryn	H103 A	µg/l	0.161	± 0.0117	0.0241	15	

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Terbutryn	H103 B	µg/l	0.527 ±	0.0493	0.102	19

E6.2. Summary of results, after removal of outliers

Parameter	Sample	Number of results for calculation	Number of outliers	Unit	Mean	± CI (99%)	Minimum	Maximum	sR	vR [%]
2,6-Dichlorobenzamide	H103 A	22	2	µg/l	0.424	± 0.0535	0.268	0.599	0.0837	20
	H103 B	21	3	µg/l	0.122	± 0.0118	0.0803	0.151	0.018	15
Alachlor	H103 A	12	3	µg/l	0.531	± 0.0275	0.478	0.59	0.0318	6
	H103 B	11	4	µg/l	0.527	± 0.0334	0.453	0.6	0.037	7
Atrazine	H103 A	25	0	µg/l	0.151	± 0.00762	0.122	0.179	0.0127	8.4
	H103 B	25	0	µg/l	0.69	± 0.0458	0.54	0.857	0.0763	11
Atrazine-desethyl	H103 A	22	2	µg/l	0.665	± 0.0524	0.423	0.79	0.0819	12
	H103 B	22	2	µg/l	0.172	± 0.0116	0.131	0.206	0.0181	11
Atrazine-desethyl-desisopropyl	H103 A	7	3	µg/l	0.109	± 0.0599	0.07	0.211	0.0528	48
	H103 B	10	0	µg/l	0.207	± 0.0622	0.13	0.341	0.0656	32
Atrazine-desisopropyl	H103 A	22	1	µg/l	0.807	± 0.0776	0.588	1.04	0.121	15
	H103 B	21	3	µg/l	0.756	± 0.0656	0.572	0.97	0.1	13
Bromacil	H103 A	15	1	µg/l	0.322	± 0.0347	0.242	0.396	0.0448	14
	H103 B	15	1	µg/l	0.268	± 0.0323	0.192	0.336	0.0417	16
Chloridazon	H103 A	21	1	µg/l	0.119	± 0.00813	0.1	0.147	0.0124	10
	H103 B	20	2	µg/l	0.332	± 0.03	0.25	0.427	0.0447	13
Chloridazon-desphenyl	H103 A	17	3	µg/l	0.504	± 0.0344	0.413	0.59	0.0472	9.4
	H103 B	16	4	µg/l	0.245	± 0.0161	0.197	0.285	0.0214	8.7
Chloridazon-methyl-desphenyl	H103 A	18	2	µg/l	0.0971	± 0.00588	0.08	0.113	0.00832	8.6
	H103 B	12	1	µg/l	0.0195	± 0.00551	0.01	0.034	0.00636	33
Clopyralid	H103 A	8	0	µg/l	0.277	± 0.151	0.0727	0.484	0.142	51
	H103 B	8	0	µg/l	0.575	± 0.286	0.205	1.03	0.269	47
Cyanazine	H103 A	18	0	µg/l	0.418	± 0.0371	0.338	0.51	0.0524	13
	H103 B	17	1	µg/l	0.282	± 0.028	0.228	0.35	0.0385	14
Dimethenamide	H103 A	12	1	µg/l	0.673	± 0.0856	0.492	0.857	0.0988	15
	H103 B	13	0	µg/l	0.354	± 0.039	0.282	0.453	0.0469	13
Diuron	H103 A	22	0	µg/l	0.256	± 0.0197	0.197	0.33	0.0309	12

Parameter	Sample	Number of results for calculation	Number of outliers	Unit	Mean	± CI (99%)	Minimum	Maximum	sR	vR [%]
Diuron	H103 B	22	0	µg/l	0.86	± 0.0691	0.649	1.05	0.108	13
Metolachlor	H103 A	21	2	µg/l	0.327	± 0.0332	0.213	0.421	0.0506	15
	H103 B	22	1	µg/l	0.164	± 0.0169	0.12	0.217	0.0263	16
N,N-Dimethylsulfamide (DMS)	H103 A	14	3	µg/l	0.457	± 0.0435	0.36	0.565	0.0542	12
	H103 B	16	2	µg/l	0.786	± 0.082	0.493	1	0.109	14
Nicosulfurone	H103 A	11	2	µg/l	0.171	± 0.0482	0.055	0.244	0.0533	31
	H103 B	11	2	µg/l	0.287	± 0.0817	0.091	0.4	0.0903	31
Prometryn	H103 A	14	0	µg/l	0.448	± 0.0561	0.294	0.525	0.07	16
	H103 B	14	0	µg/l	0.519	± 0.0626	0.317	0.601	0.0781	15
Propazine	H103 A	18	0	µg/l	0.222	± 0.0227	0.169	0.28	0.0321	14
	H103 B	18	0	µg/l	0.296	± 0.0297	0.233	0.364	0.042	14
Sebuthylazine	H103 A	14	0	µg/l	0.35	± 0.0304	0.286	0.446	0.0379	11
	H103 B	14	0	µg/l	0.365	± 0.0353	0.287	0.461	0.0441	12
Simazine	H103 A	21	1	µg/l	0.604	± 0.0389	0.472	0.714	0.0594	9.8
	H103 B	20	2	µg/l	0.101	± 0.00863	0.076	0.128	0.0129	13
Terbuthylazine	H103 A	3	0	µg/l	-	± -	0.025	0.316	-	-
	H103 B	24	1	µg/l	0.239	± 0.0238	0.14	0.31	0.0389	16
Terbuthylazine-desethyl	H103 A	20	2	µg/l	0.872	± 0.0684	0.639	1.05	0.102	12
	H103 B	21	1	µg/l	0.25	± 0.0213	0.179	0.333	0.0325	13
Terbutryn	H103 A	17	0	µg/l	0.161	± 0.0175	0.108	0.195	0.0241	15
	H103 B	17	0	µg/l	0.527	± 0.0739	0.306	0.657	0.102	19

E7. Parameterorientierte Auswertung / Parameter oriented report

2,6-Dichlorbenzamide.....	36
Alachlor	44
Atrazine	52
Atrazine-desethyl.....	60
Atrazine-desethyl-desisopropyl.....	68
Atrazine-desisopropyl	76
Bromacil	84
Chloridazon	92
Chloridazon-desphenyl.....	100
Chloridazon-methyl-desphenyl	108
Clopyralid	116
Cyanazine	124
Dimethenamide	132
Diuron	140
Metolachlor.....	148
N,N-Dimethylsulfamide (DMS).....	156
Nicosulfurone	164
Prometryn.....	172
Propazine	180
Sebuthylazine.....	188
Simazine	196
Terbuthylazine.....	204
Terbuthylazine-desethyl	210
Terbutryn.....	218

Parameter oriented report

H103 A

2,6-Dichlorobenzamide

Unit	µg/l
Assigned value ± U (k=2)	0.424 ± 0.0357
Criterion	0.0837 (20 %)
Minimum - Maximum	0.268 - 0.599
Control test value ± U (k=2)	0.494 ± 0.0742

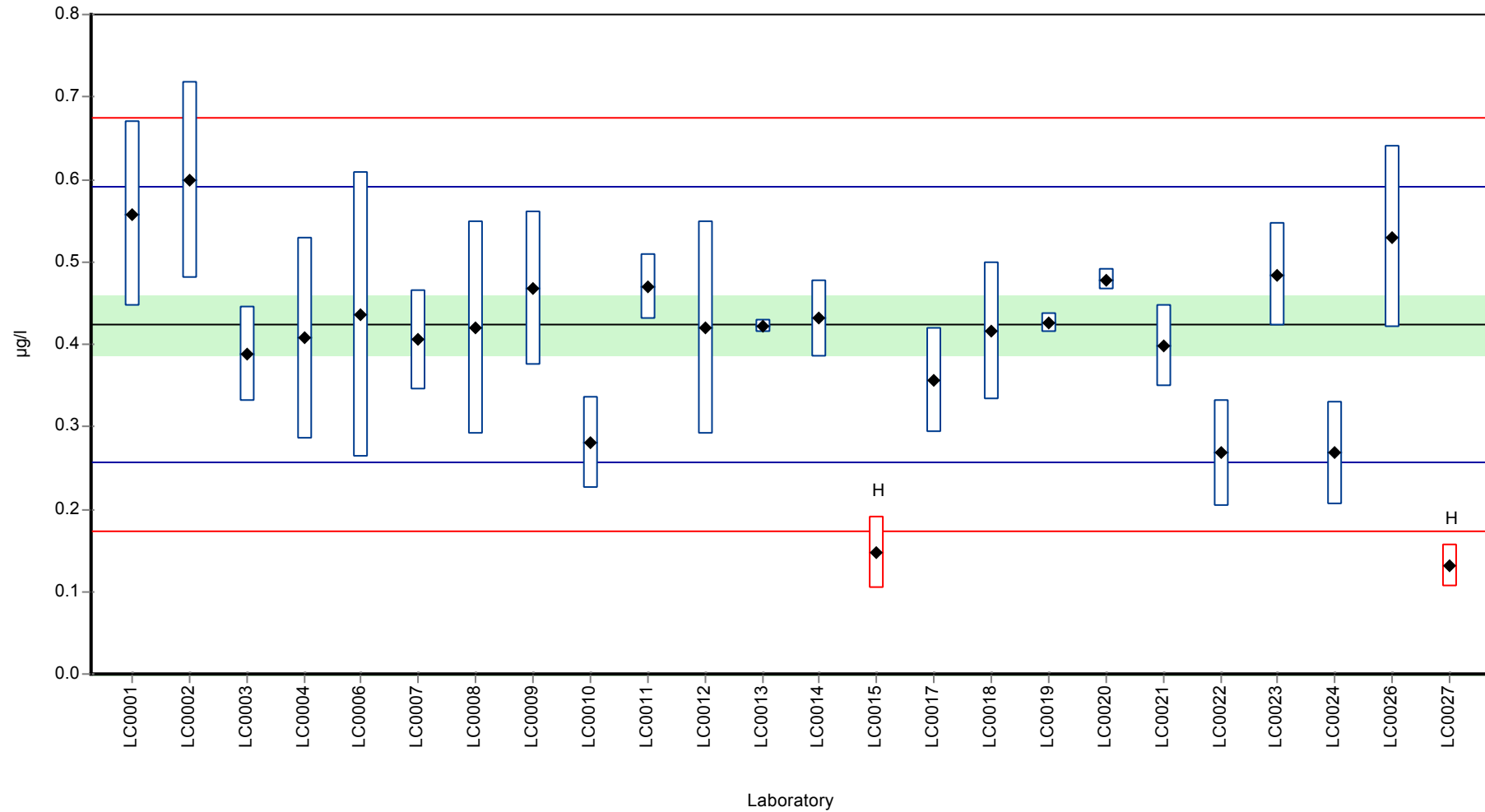
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.558	0.112	132	1.6	
LC0002	0.599	0.12	141	2.09	
LC0003	0.388	0.058	91.5	-0.43	
LC0004	0.4078	0.1224	96.2	-0.19	
LC0005	-	-	-	-	
LC0006	0.436	0.173	103	0.14	
LC0007	0.405	0.061	95.5	-0.23	
LC0008	0.42	0.13	99	-0.05	
LC0009	0.468	0.094	110	0.53	
LC0010	0.281	0.056	66.3	-1.71	
LC0011	0.47	0.04	111	0.55	
LC0012	0.42	0.13	99	-0.05	
LC0013	0.422	0.008	99.5	-0.02	
LC0014	0.431	0.047	102	0.08	
LC0015	0.148	0.044	34.9	-3.3	H
LC0017	0.356	0.064	84	-0.81	
LC0018	0.416	0.083	98.1	-0.1	
LC0019	0.425	0.012	100	0.01	
LC0020	0.478	0.013	113	0.64	
LC0021	0.398	0.05	93.9	-0.31	
LC0022	0.268	0.065	63.2	-1.86	
LC0023	0.4845	0.062	114	0.72	
LC0024	0.268	0.063	63.2	-1.86	
LC0025	-	-	-	-	
LC0026	0.53	0.11	125	1.27	
LC0027	0.132	0.026	31.1	-3.49	H

Characteristics of parameter

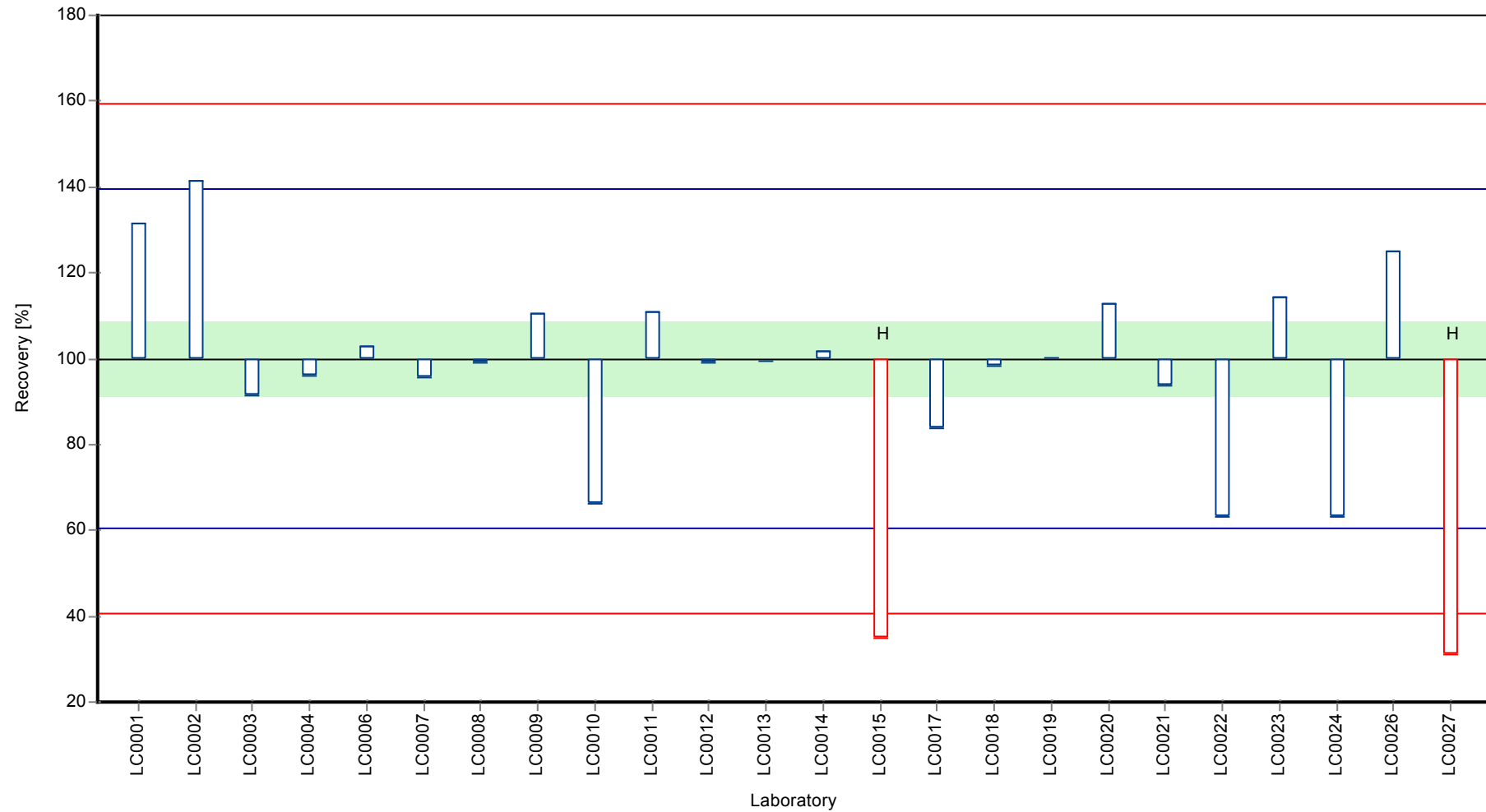
	all results	without outliers	Unit
Mean ± CI (99%)	0.4 ± 0.0694	0.424 ± 0.0535	µg/l
Minimum	0.132	0.268	µg/l
Maximum	0.599	0.599	µg/l
Standard deviation	0.113	0.0837	µg/l
rel. standard deviation	28.3	19.7	%
n	24	22	-

Graphical presentation of results

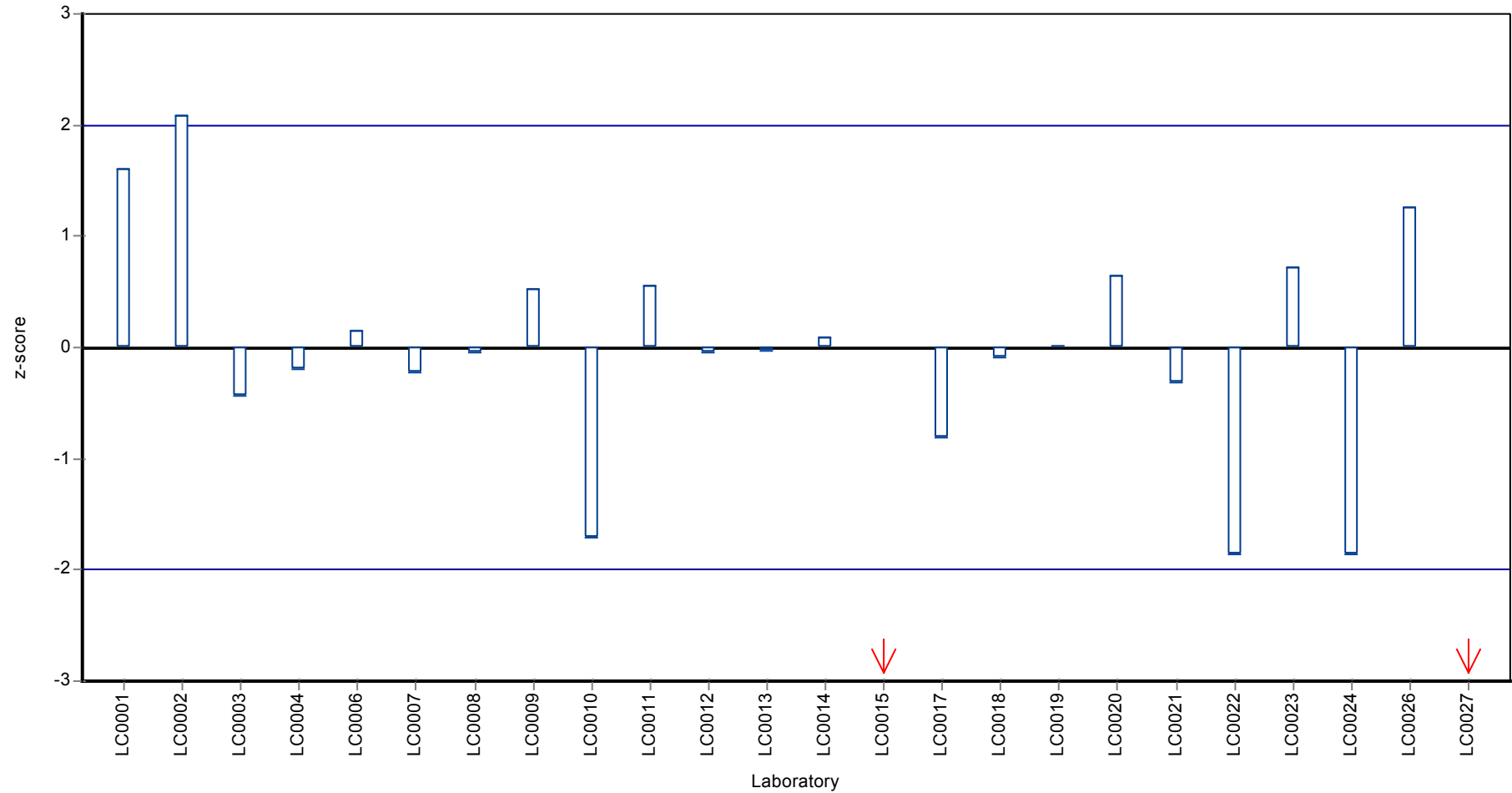
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

2,6-Dichlorobenzamide

Unit	µg/l
Assigned value ± U (k=2)	0.122 ± 0.00788
Criterion	0.0183 (15 %)
Minimum - Maximum	0.0803 - 0.151
Control test value ± U (k=2)	0.132 ± 0.0198

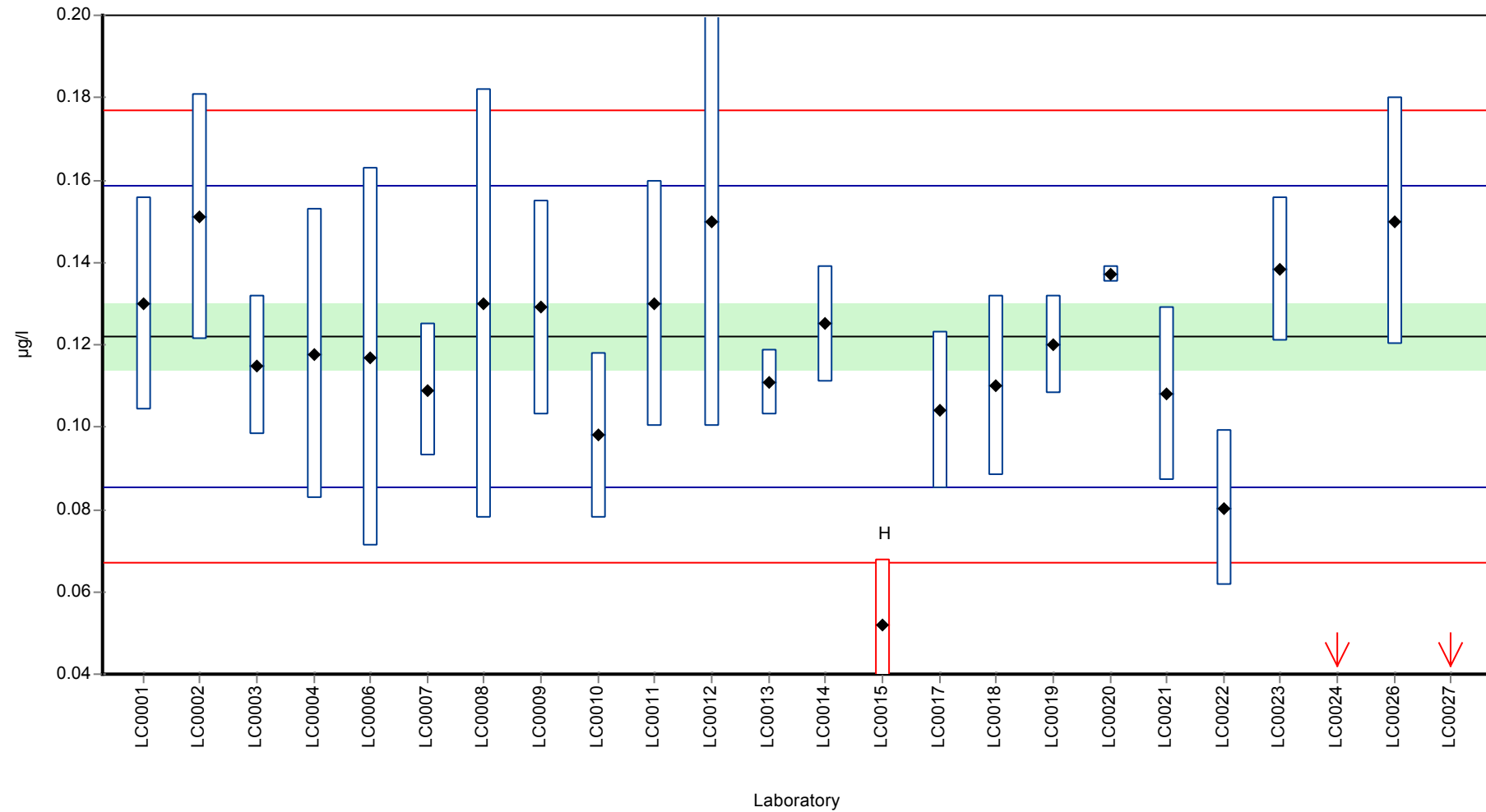
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.13	0.026	107	0.44	
LC0002	0.151	0.03	124	1.59	
LC0003	0.115	0.017	94.3	-0.38	
LC0004	0.1177	0.0353	96.5	-0.23	
LC0005	-	-	-	-	
LC0006	0.117	0.046	96	-0.27	
LC0007	0.109	0.016	89.4	-0.71	
LC0008	0.13	0.052	107	0.44	
LC0009	0.129	0.026	106	0.39	
LC0010	0.098	0.02	80.4	-1.31	
LC0011	0.13	0.03	107	0.44	
LC0012	0.15	0.05	123	1.54	
LC0013	0.111	0.008	91	-0.6	
LC0014	0.125	0.014	103	0.17	
LC0015	0.052	0.016	42.7	-3.82	H
LC0017	0.104	0.019	85.3	-0.98	
LC0018	0.11	0.022	90.2	-0.65	
LC0019	0.12	0.012	98.4	-0.1	
LC0020	0.137	0.002	112	0.82	
LC0021	0.108	0.021	88.6	-0.76	
LC0022	0.0803	0.019	65.9	-2.28	
LC0023	0.1383	0.0177	113	0.9	
LC0024	0.038	0.009	31.2	-4.59	H
LC0025	-	-	-	-	
LC0026	0.15	0.03	123	1.54	
LC0027	0.039	0.008	32	-4.53	H

Characteristics of parameter

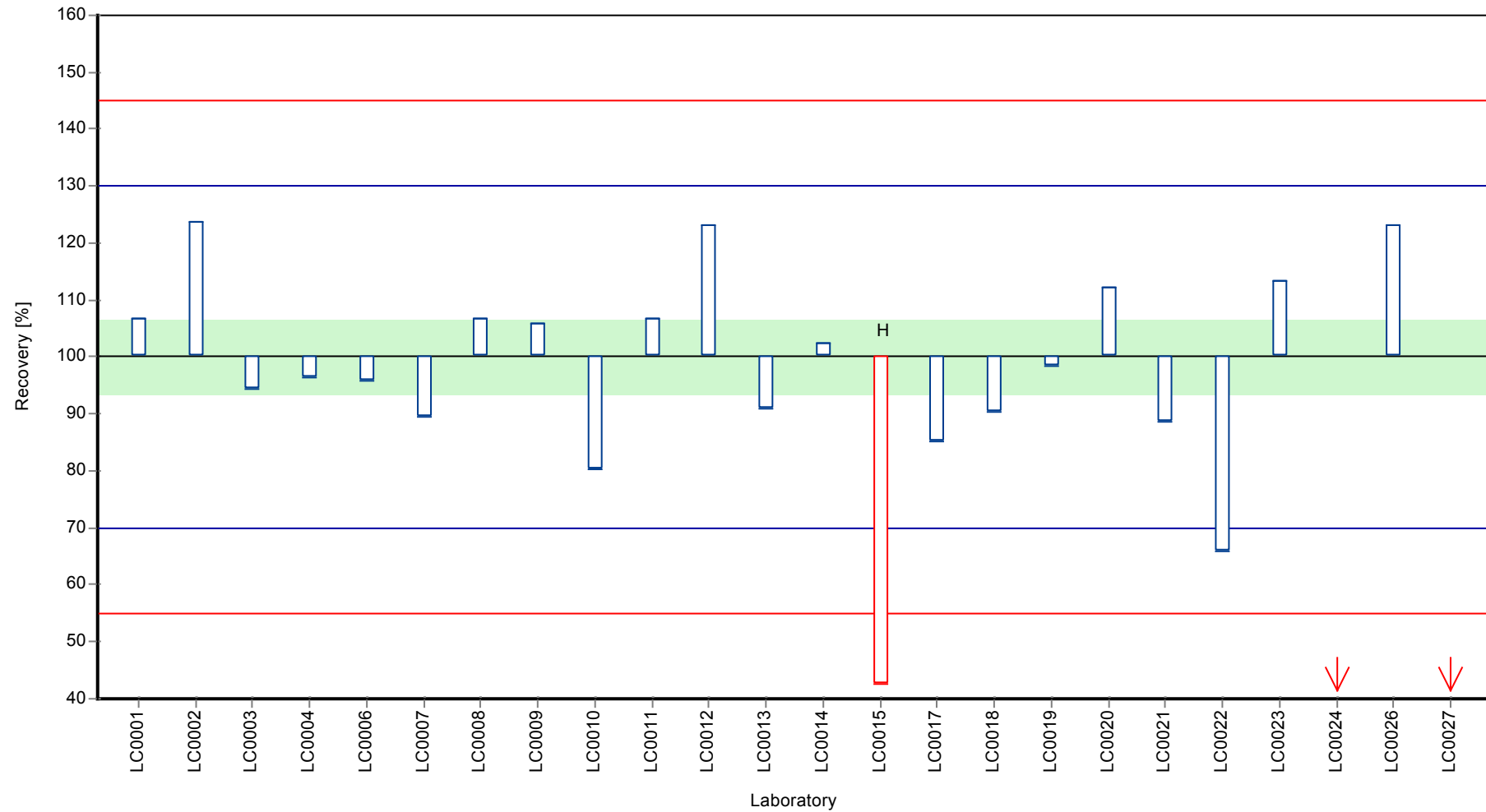
	all results	without outliers	Unit
Mean ± CI (99%)	0.112 ± 0.0194	0.122 ± 0.0118	µg/l
Minimum	0.038	0.0803	µg/l
Maximum	0.151	0.151	µg/l
Standard deviation	0.0316	0.018	µg/l
rel. standard deviation	28.2	14.8 %	
n	24	21	-

Graphical presentation of results

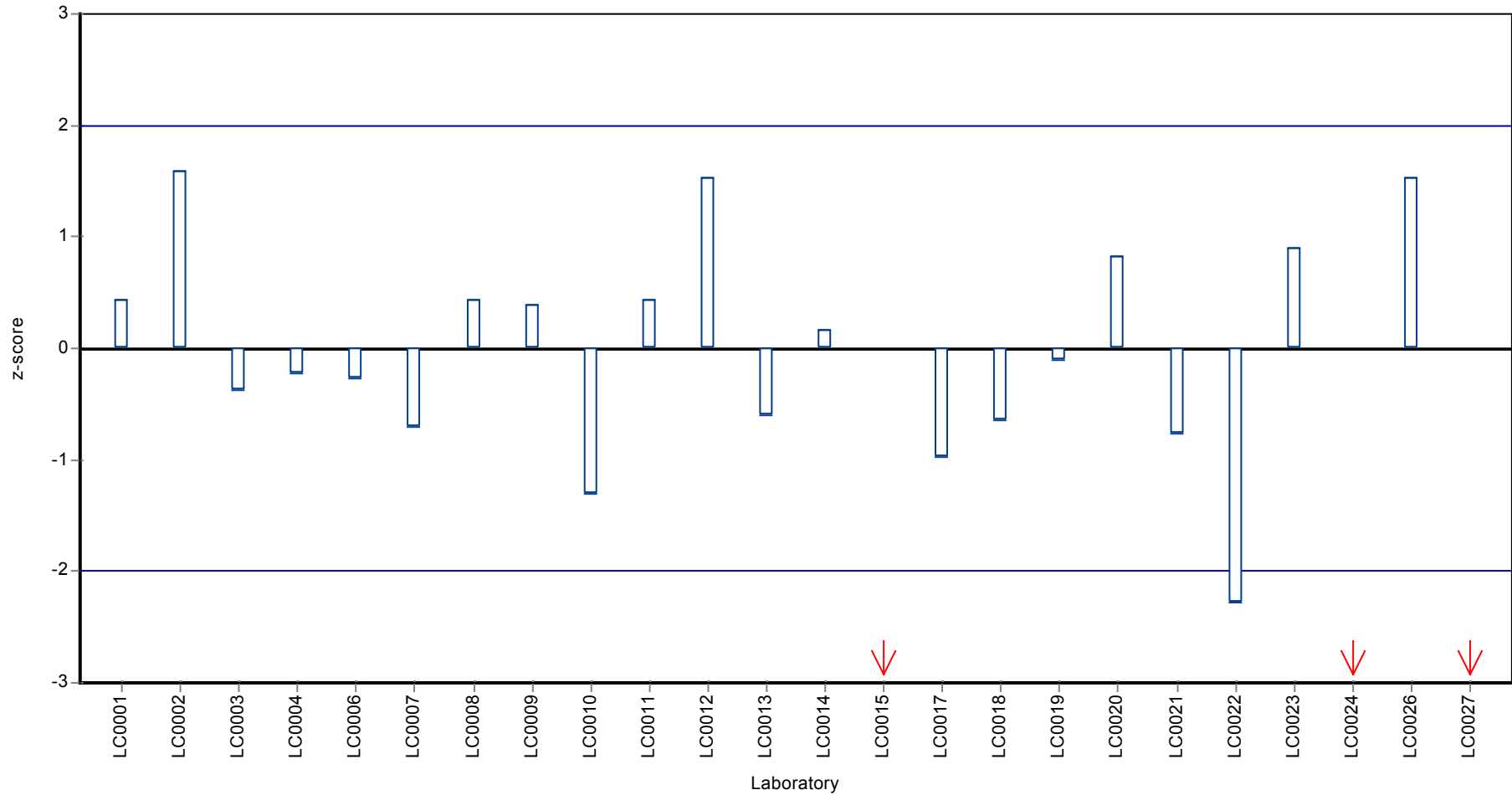
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Alachlor

Unit	µg/l
Assigned value ± U (k=2)	0.531 ± 0.0183
Criterion	0.0637 (12 %)
Minimum - Maximum	0.478 - 0.59
Control test value ± U (k=2)	0.616 ± 0.0924

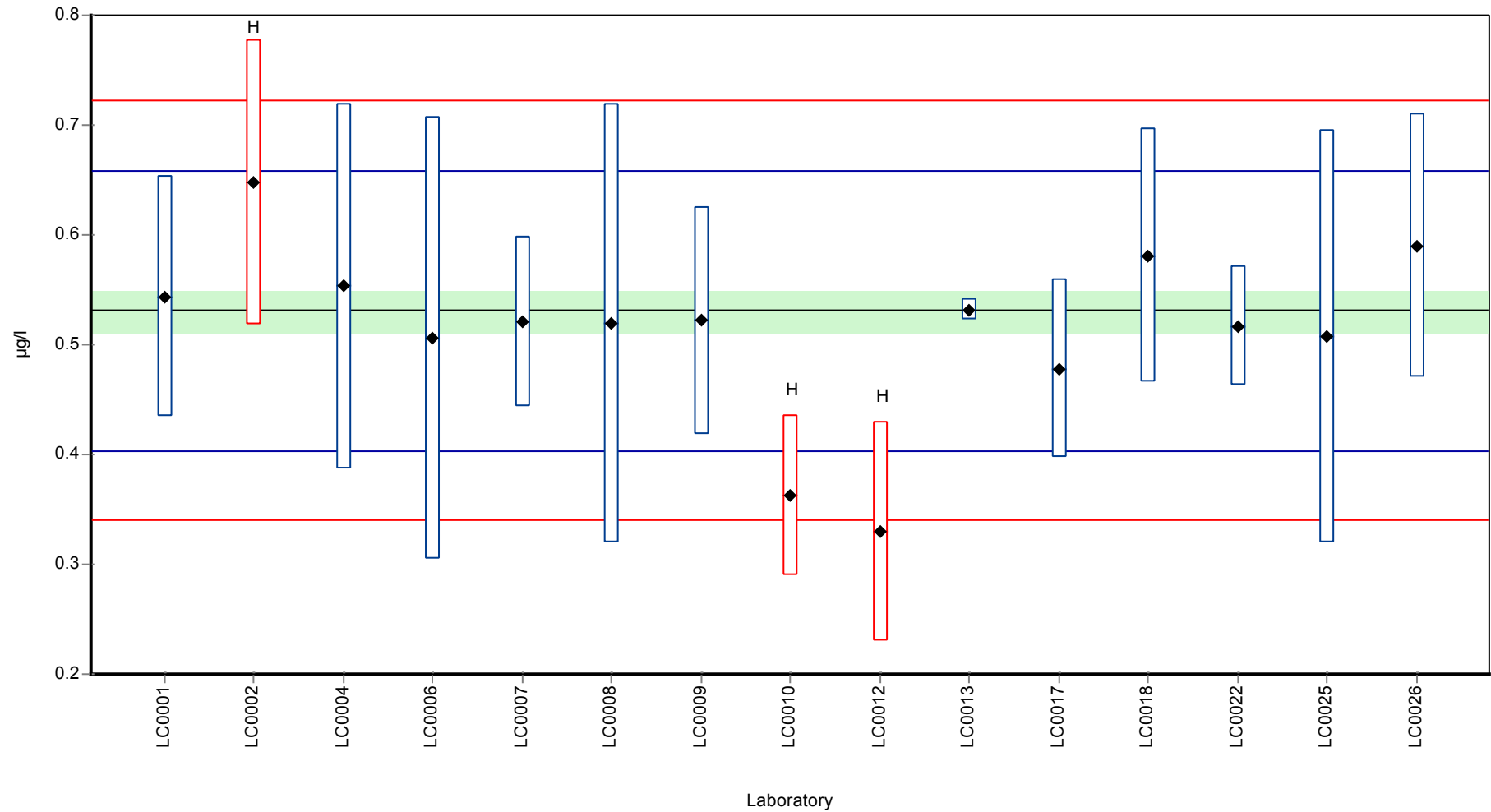
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.544	0.109	102	0.2	
LC0002	0.648	0.13	122	1.84	H
LC0003	-	-	-	-	
LC0004	0.5532	0.166	104	0.35	
LC0005	-	-	-	-	
LC0006	0.506	0.201	95.3	-0.39	
LC0007	0.521	0.078	98.1	-0.16	
LC0008	0.52	0.2	97.9	-0.17	
LC0009	0.522	0.104	98.3	-0.14	
LC0010	0.363	0.073	68.4	-2.64	H
LC0011	-	-	-	-	
LC0012	0.33	0.1	62.1	-3.15	H
LC0013	0.532	0.01	100	0.02	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0017	0.478	0.081	90	-0.83	
LC0018	0.581	0.116	109	0.78	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.517	0.055	97.4	-0.22	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.508	0.188	95.7	-0.36	
LC0026	0.59	0.12	111	0.93	
LC0027	-	-	-	-	

Characteristics of parameter

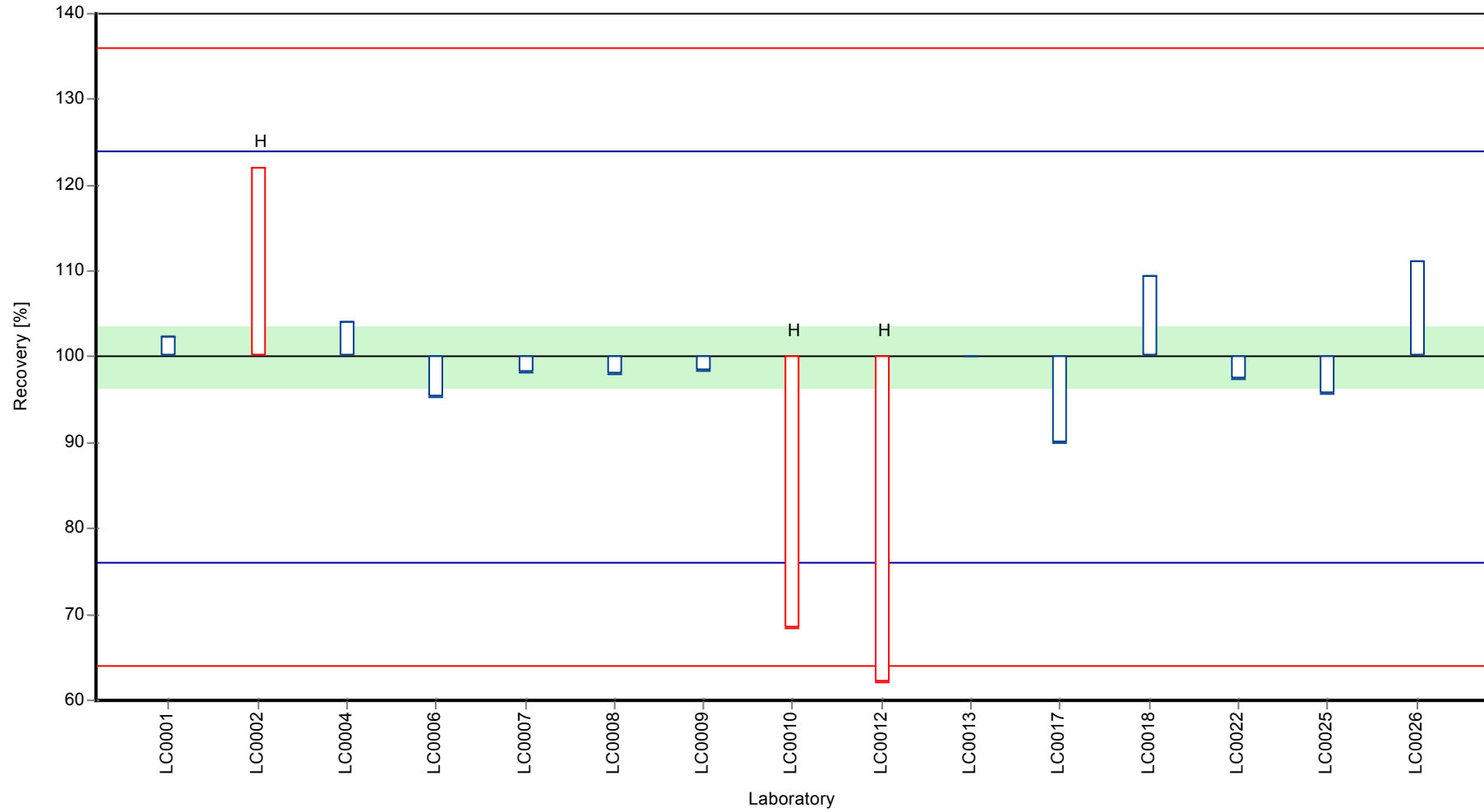
	all results	without outliers	Unit
Mean ± CI (99%)	0.514 ± 0.0618	0.531 ± 0.0275	µg/l
Minimum	0.33	0.478	µg/l
Maximum	0.648	0.59	µg/l
Standard deviation	0.0798	0.0318	µg/l
rel. standard deviation	15.5	5.98 %	
n	15	12	-

Graphical presentation of results

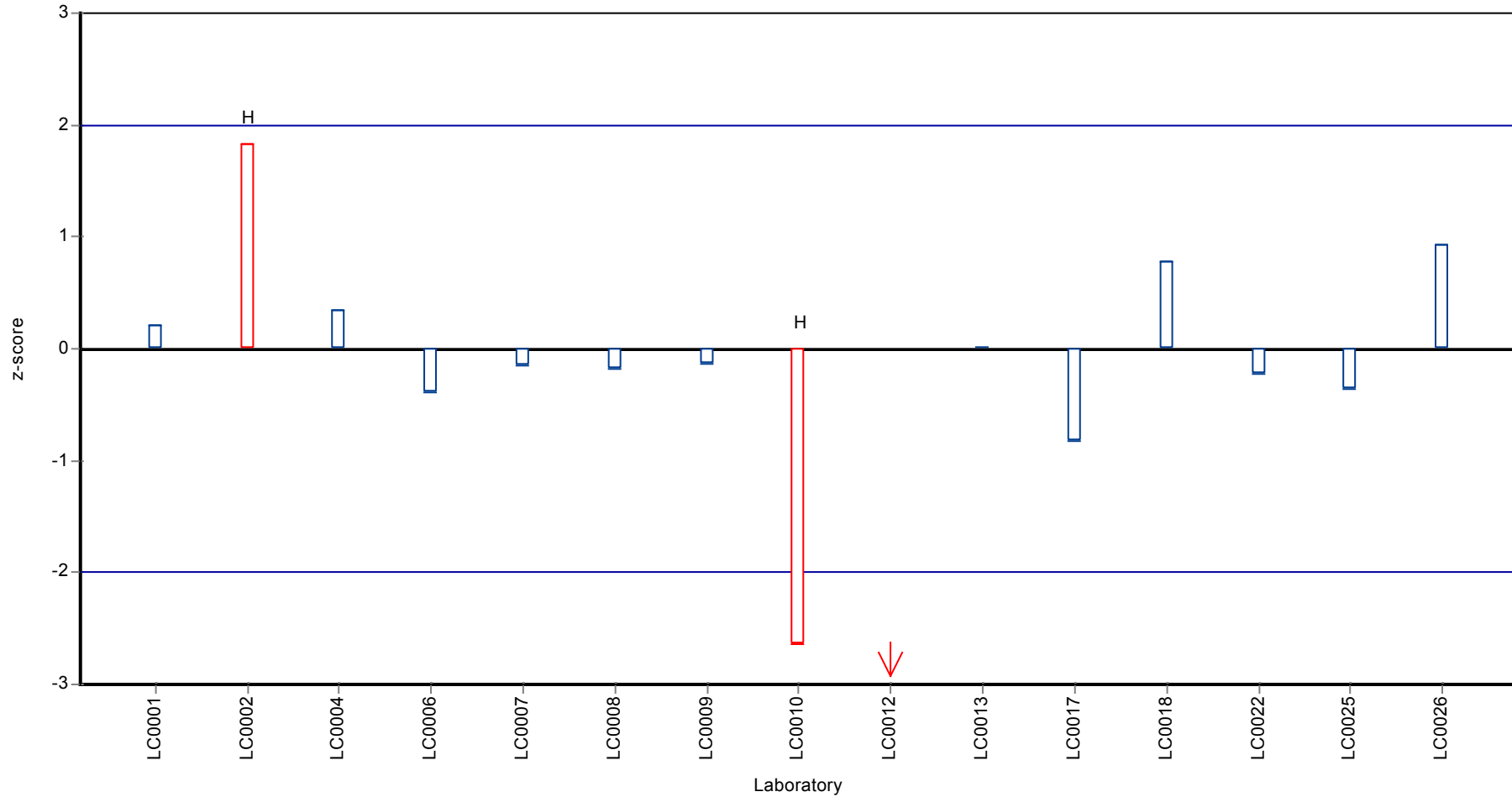
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Alachlor

Unit	µg/l
Assigned value ± U (k=2)	0.527 ± 0.0223
Criterion	0.0633 (12 %)
Minimum - Maximum	0.453 - 0.6
Control test value ± U (k=2)	0.599 ± 0.0899

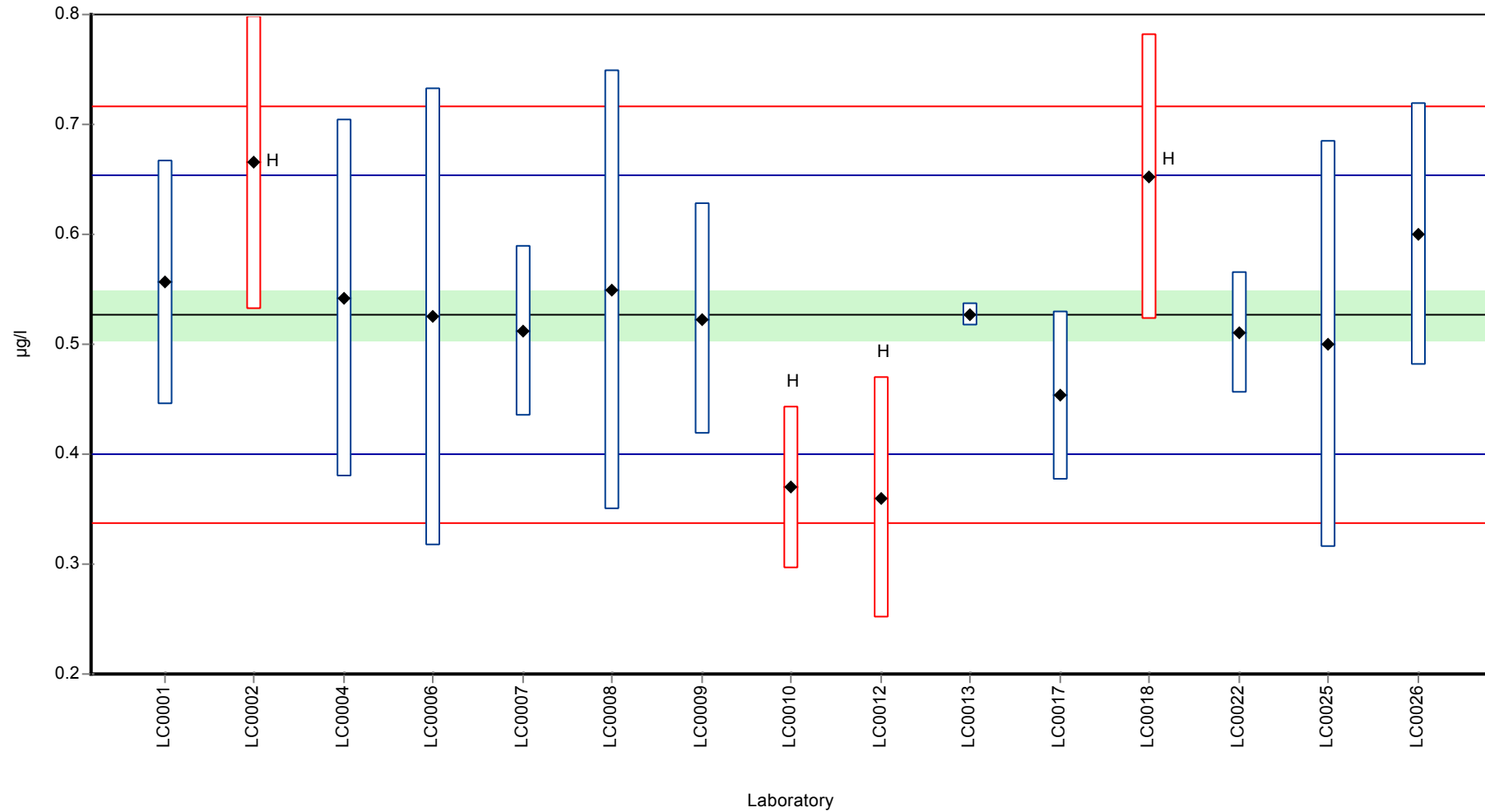
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.556	0.111	105	0.46	
LC0002	0.665	0.133	126	2.18	H
LC0003	-	-	-	-	
LC0004	0.5419	0.1626	103	0.23	
LC0005	-	-	-	-	
LC0006	0.525	0.208	99.6	-0.03	
LC0007	0.512	0.077	97.1	-0.24	
LC0008	0.55	0.2	104	0.36	
LC0009	0.523	0.105	99.2	-0.06	
LC0010	0.37	0.074	70.2	-2.48	H
LC0011	-	-	-	-	
LC0012	0.36	0.11	68.3	-2.64	H
LC0013	0.527	0.01	100	0.00	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0017	0.453	0.077	85.9	-1.17	
LC0018	0.652	0.13	124	1.97	H
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.51	0.055	96.8	-0.27	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.5	0.185	94.9	-0.43	
LC0026	0.6	0.12	114	1.15	
LC0027	-	-	-	-	

Characteristics of parameter

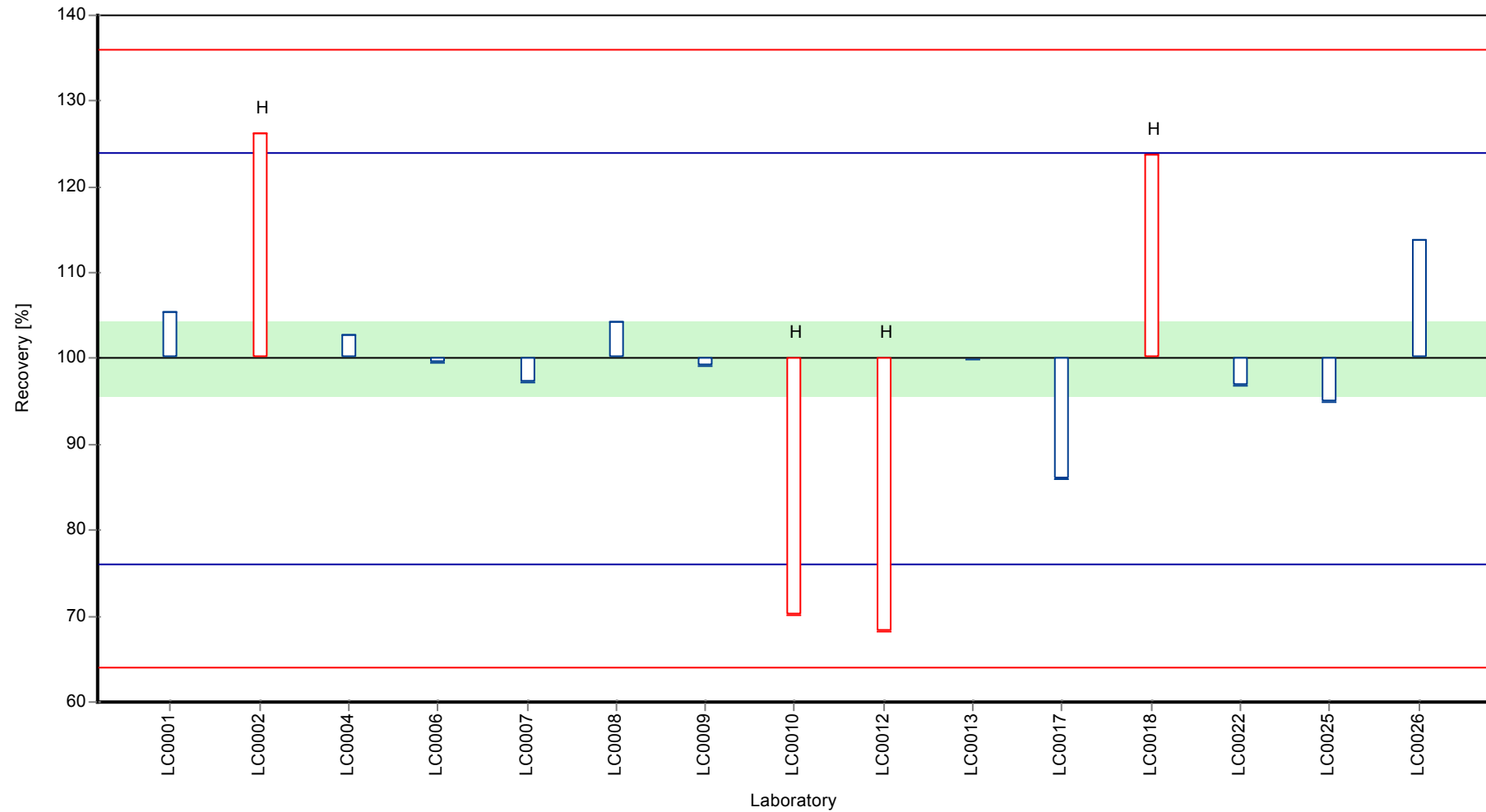
	all results	without outliers	Unit
Mean ± CI (99%)	0.523 ± 0.0657	0.527 ± 0.0334	µg/l
Minimum	0.36	0.453	µg/l
Maximum	0.665	0.6	µg/l
Standard deviation	0.0848	0.037	µg/l
rel. standard deviation	16.2	7.01	%
n	15	11	-

Graphical presentation of results

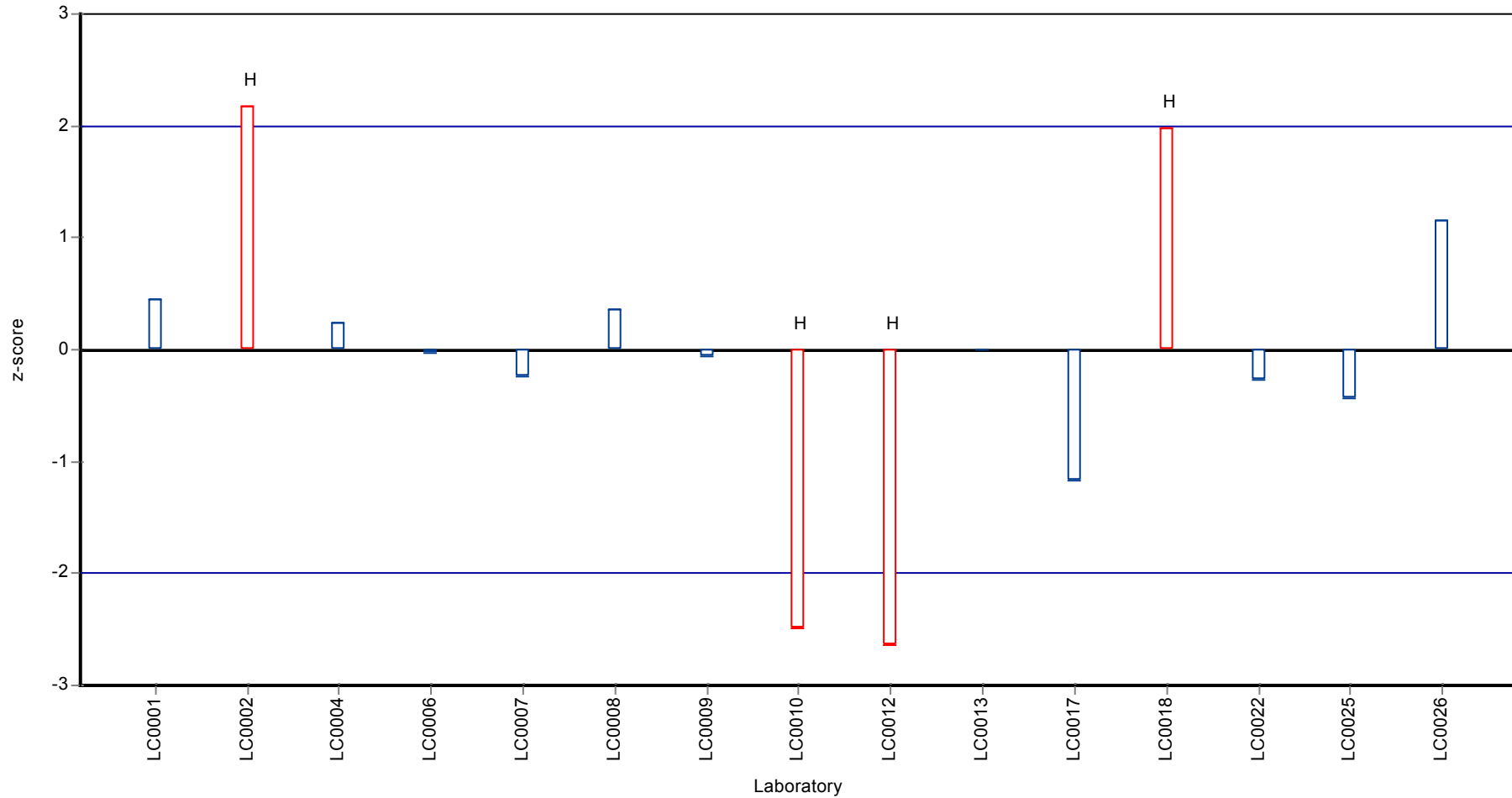
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Atrazine

Unit	µg/l
Assigned value ± U (k=2)	0.151 ± 0.00508
Criterion	0.0166 (11 %)
Minimum - Maximum	0.122 - 0.179
Control test value ± U (k=2)	0.166 ± 0.0249

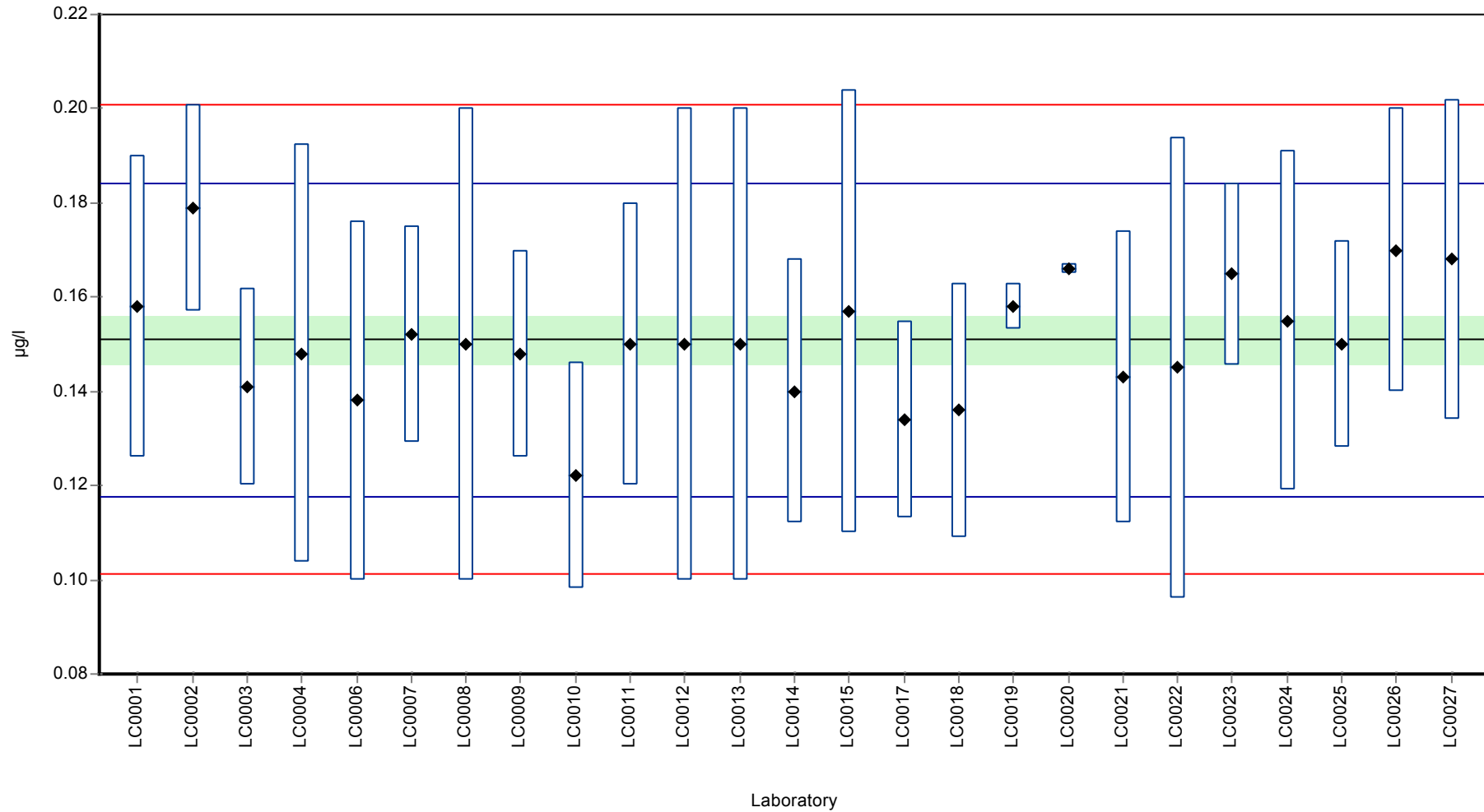
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.158	0.032	105	0.43	
LC0002	0.179	0.022	119	1.69	
LC0003	0.141	0.021	93.4	-0.6	
LC0004	0.148	0.0444	98.1	-0.18	
LC0005	-	-	-	-	
LC0006	0.138	0.038	91.4	-0.78	
LC0007	0.152	0.023	101	0.07	
LC0008	0.15	0.05	99.4	-0.06	
LC0009	0.148	0.022	98.1	-0.18	
LC0010	0.122	0.024	80.8	-1.74	
LC0011	0.15	0.03	99.4	-0.06	
LC0012	0.15	0.05	99.4	-0.06	
LC0013	0.15	0.05	99.4	-0.06	
LC0014	0.14	0.028	92.8	-0.66	
LC0015	0.157	0.047	104	0.37	
LC0017	0.134	0.021	88.8	-1.02	
LC0018	0.136	0.027	90.1	-0.9	
LC0019	0.158	0.005	105	0.43	
LC0020	0.166	0.001	110	0.91	
LC0021	0.143	0.031	94.8	-0.48	
LC0022	0.145	0.049	96.1	-0.36	
LC0023	0.1649	0.0193	109	0.84	
LC0024	0.155	0.036	103	0.25	
LC0025	0.15	0.022	99.4	-0.06	
LC0026	0.17	0.03	113	1.15	
LC0027	0.168	0.034	111	1.03	

Characteristics of parameter

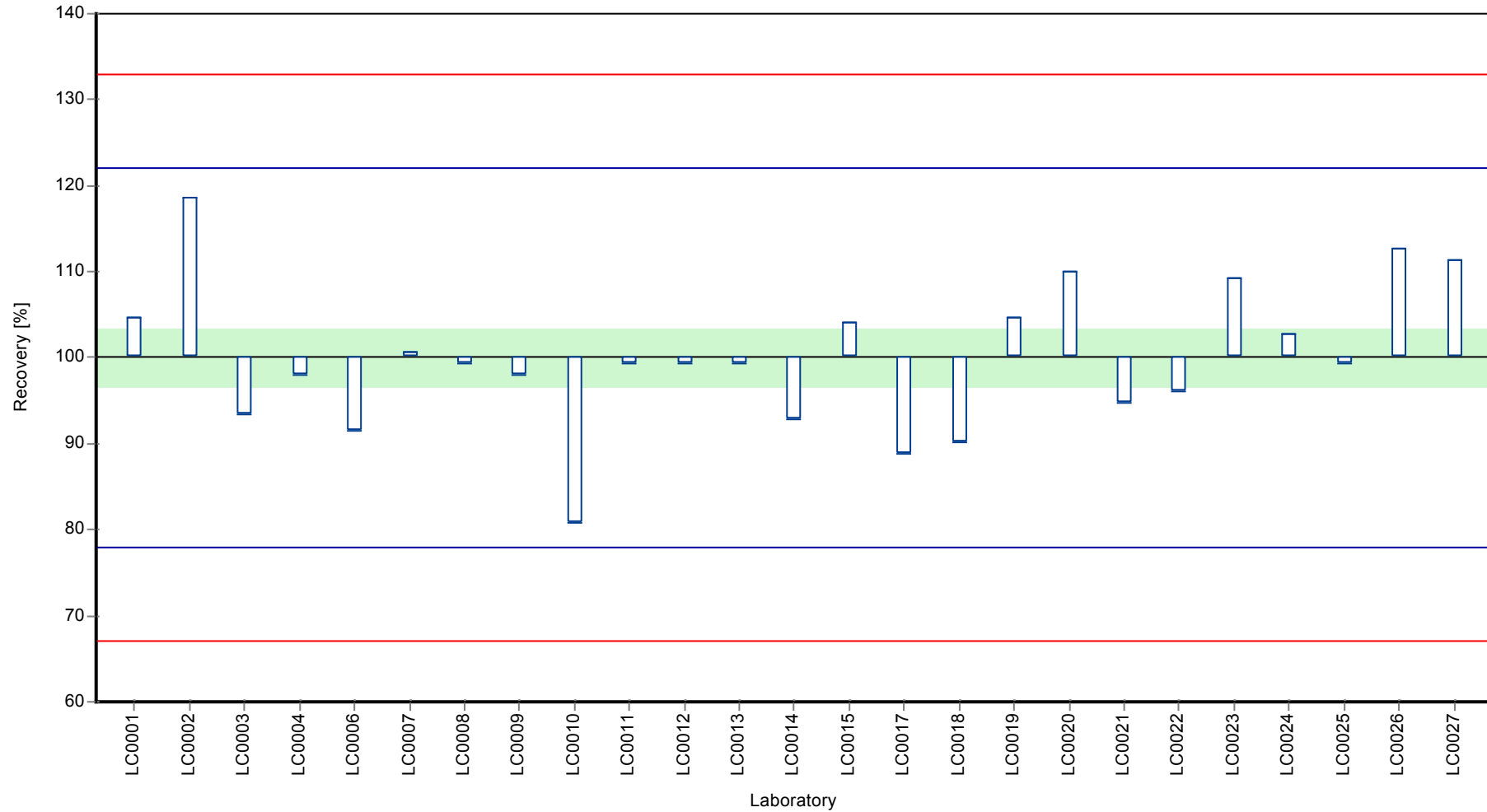
	all results	without outliers	Unit
Mean ± CI (99%)	0.151 ± 0.00762	0.151 ± 0.00762	µg/l
Minimum	0.122	0.122	µg/l
Maximum	0.179	0.179	µg/l
Standard deviation	0.0127	0.0127	µg/l
rel. standard deviation	8.42	8.42	%
n	25	25	-

Graphical presentation of results

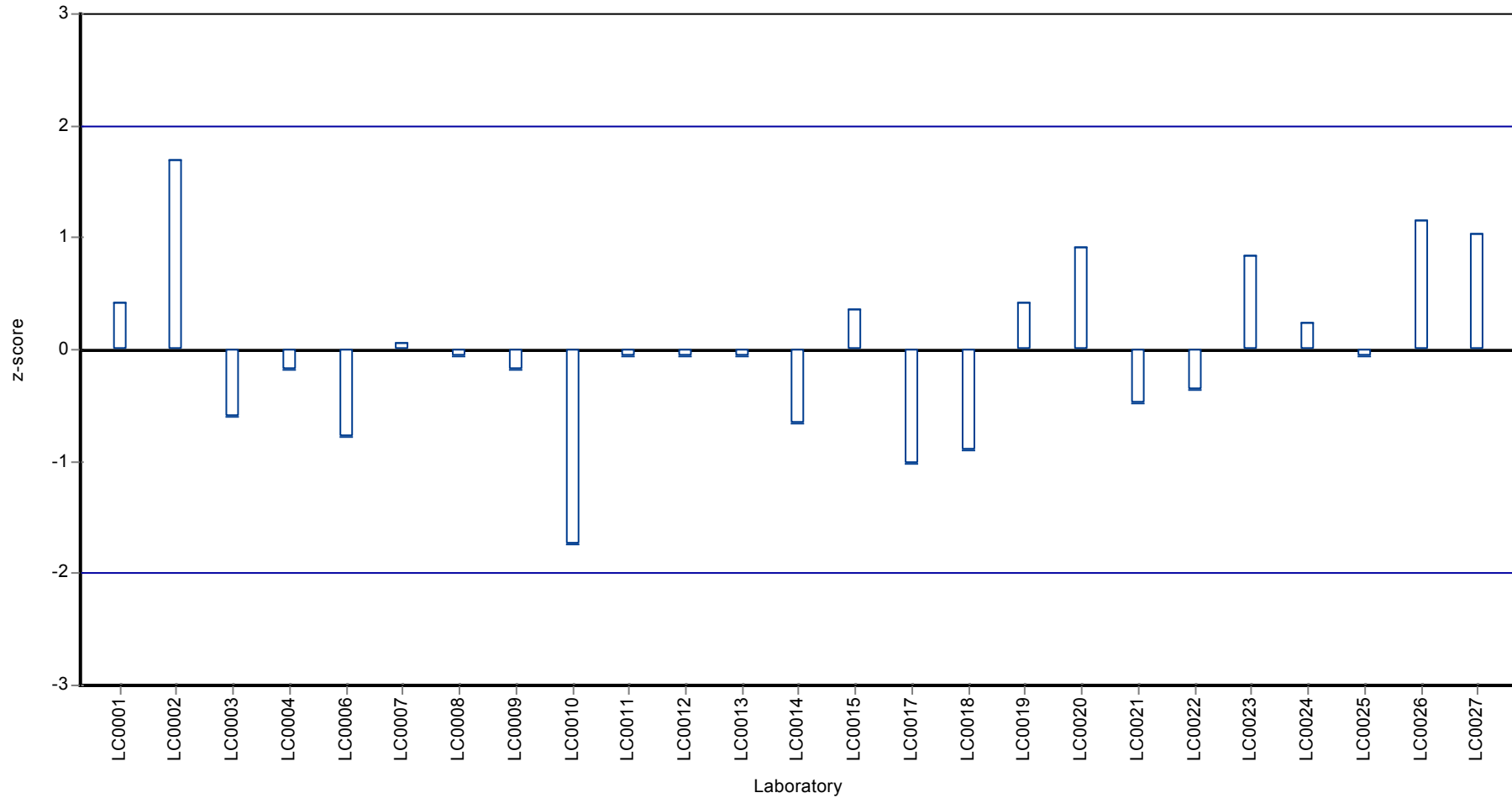
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Atrazine

Unit	µg/l
Assigned value ± U (k=2)	0.69 ± 0.0305
Criterion	0.0763 (11 %)
Minimum - Maximum	0.54 - 0.857
Control test value ± U (k=2)	0.765 ± 0.115

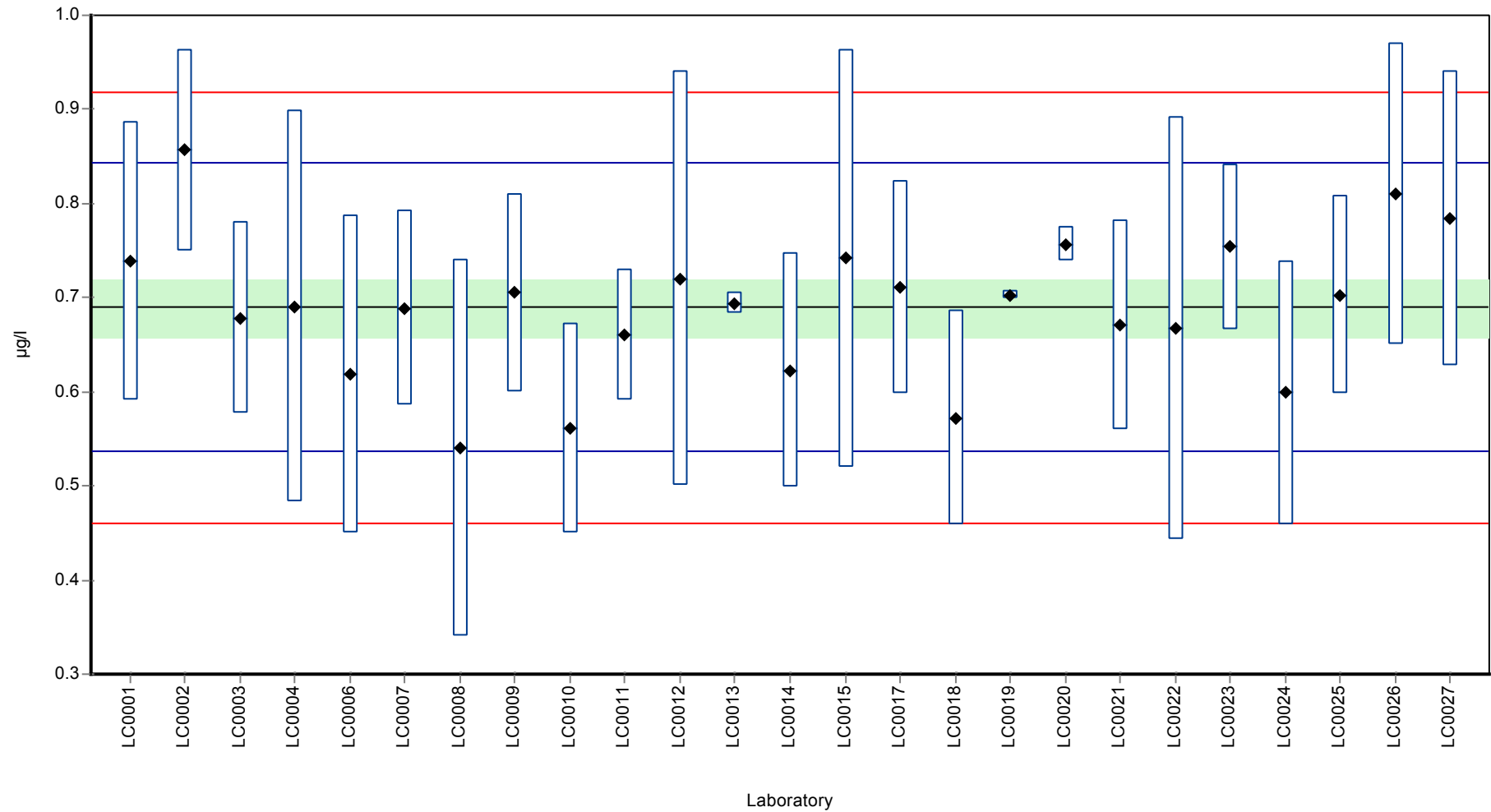
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.739	0.148	107	0.64	
LC0002	0.857	0.107	124	2.19	
LC0003	0.678	0.102	98.3	-0.16	
LC0004	0.6909	0.2073	100	0.01	
LC0005	-	-	-	-	
LC0006	0.618	0.169	89.6	-0.94	
LC0007	0.689	0.103	99.9	-0.01	
LC0008	0.54	0.2	78.3	-1.96	
LC0009	0.705	0.106	102	0.2	
LC0010	0.561	0.112	81.3	-1.69	
LC0011	0.66	0.07	95.7	-0.39	
LC0012	0.72	0.22	104	0.39	
LC0013	0.694	0.011	101	0.05	
LC0014	0.623	0.125	90.3	-0.88	
LC0015	0.742	0.222	108	0.68	
LC0017	0.711	0.114	103	0.28	
LC0018	0.572	0.114	82.9	-1.55	
LC0019	0.703	0.005	102	0.17	
LC0020	0.757	0.019	110	0.88	
LC0021	0.671	0.111	97.3	-0.25	
LC0022	0.667	0.225	96.7	-0.3	
LC0023	0.7541	0.0882	109	0.84	
LC0024	0.599	0.14	86.8	-1.19	
LC0025	0.703	0.105	102	0.17	
LC0026	0.81	0.16	117	1.57	
LC0027	0.784	0.157	114	1.23	

Characteristics of parameter

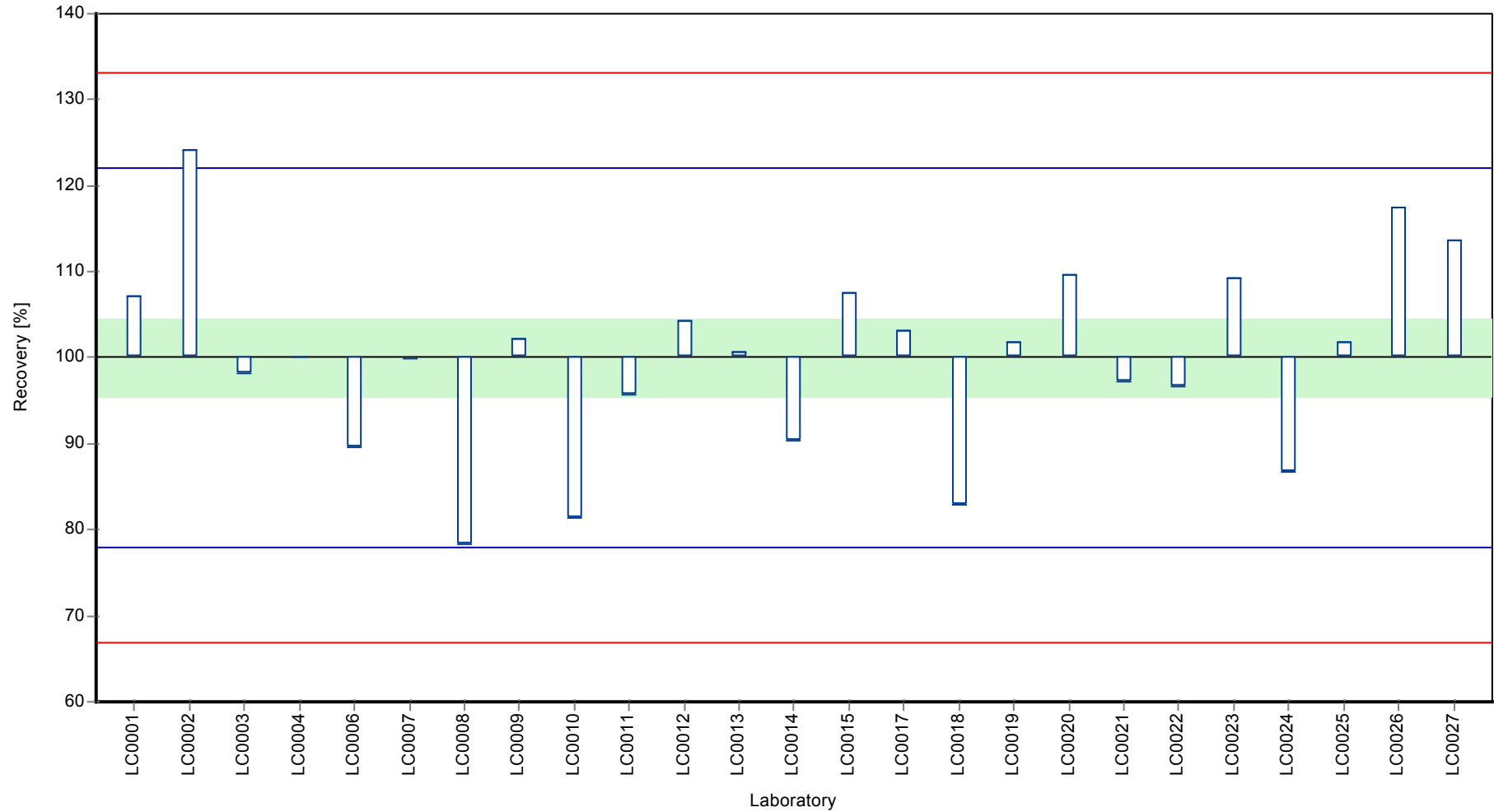
	all results	without outliers	Unit
Mean ± CI (99%)	0.69 ± 0.0458	0.69 ± 0.0458	µg/l
Minimum	0.54	0.54	µg/l
Maximum	0.857	0.857	µg/l
Standard deviation	0.0763	0.0763	µg/l
rel. standard deviation	11.1	11.1	%
n	25	25	-

Graphical presentation of results

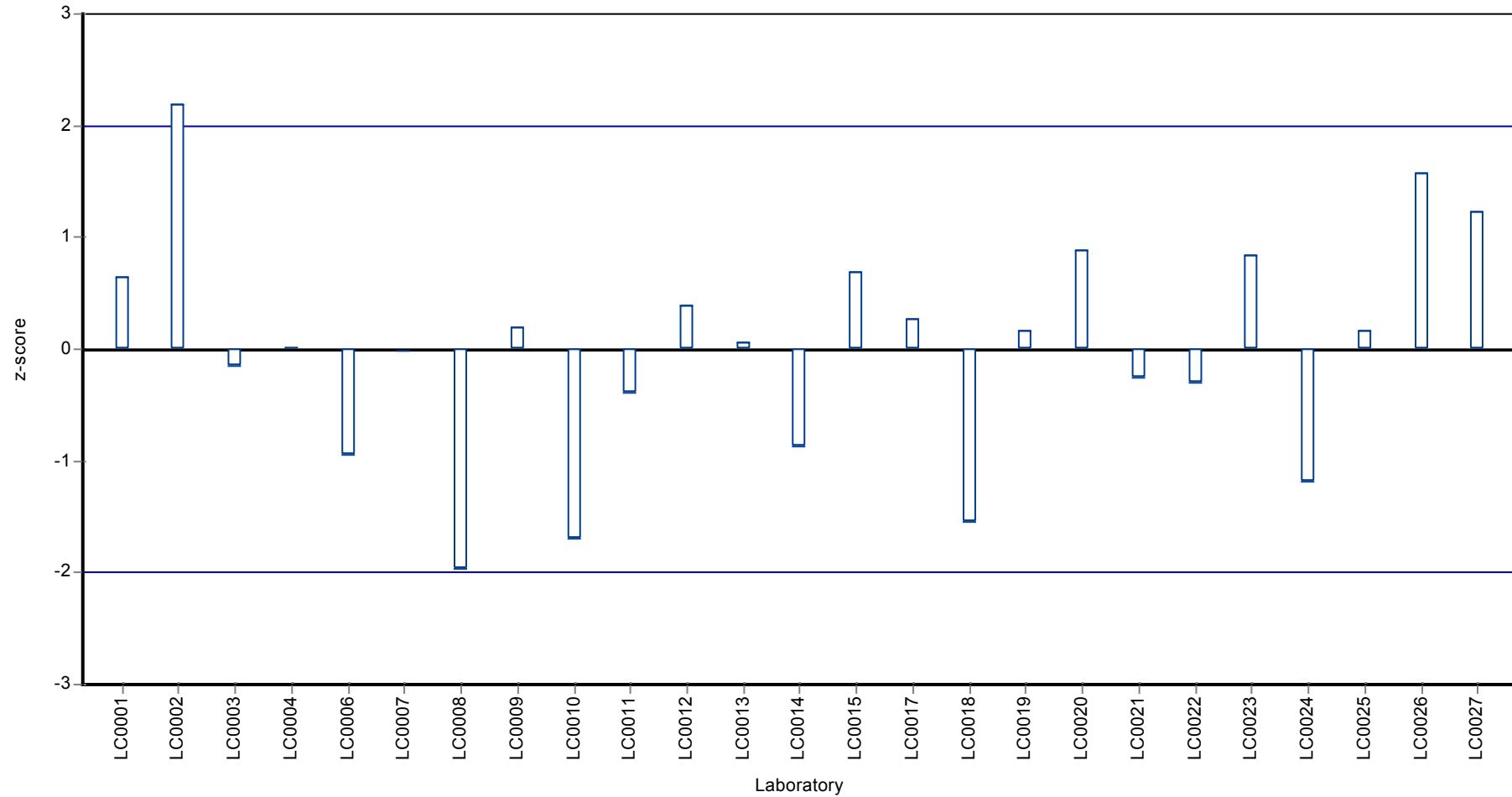
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Atrazine-desethyl

Unit	µg/l
Assigned value ± U (k=2)	0.665 ± 0.0349
Criterion	0.113 (17 %)
Minimum - Maximum	0.423 - 0.79
Control test value ± U (k=2)	0.691 ± 0.104

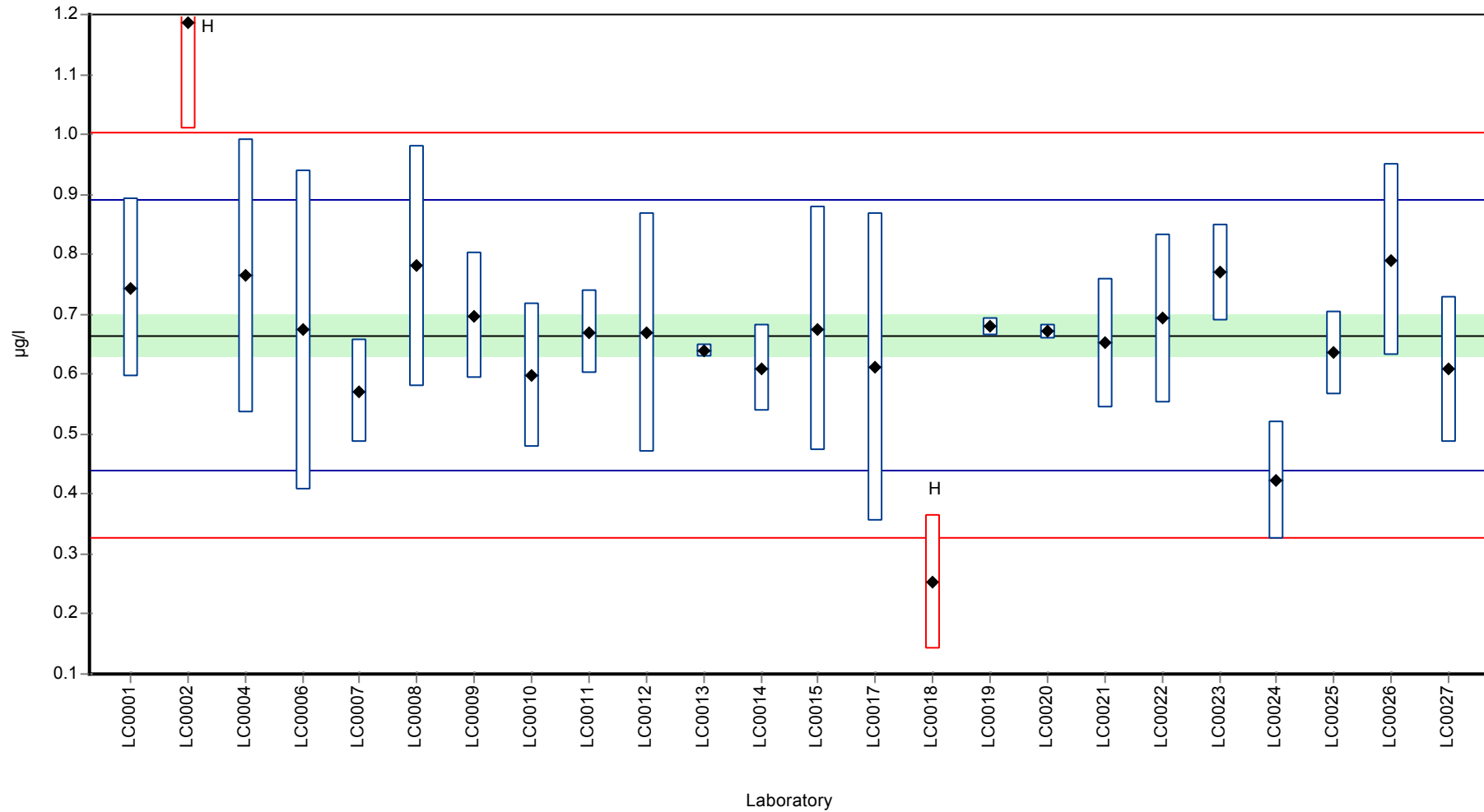
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.744	0.149	112	0.7	
LC0002	1.186	0.178	178	4.61	H
LC0003	-	-	-	-	
LC0004	0.7638	0.2291	115	0.88	
LC0005	-	-	-	-	
LC0006	0.674	0.267	101	0.08	
LC0007	0.571	0.086	85.9	-0.83	
LC0008	0.78	0.2	117	1.02	
LC0009	0.697	0.105	105	0.28	
LC0010	0.598	0.12	89.9	-0.59	
LC0011	0.67	0.07	101	0.05	
LC0012	0.67	0.2	101	0.05	
LC0013	0.639	0.011	96.1	-0.23	
LC0014	0.61	0.073	91.8	-0.48	
LC0015	0.676	0.203	102	0.1	
LC0017	0.612	0.257	92.1	-0.47	
LC0018	0.253	0.113	38.1	-3.64	H
LC0019	0.679	0.014	102	0.13	
LC0020	0.671	0.012	101	0.05	
LC0021	0.652	0.108	98.1	-0.11	
LC0022	0.693	0.141	104	0.25	
LC0023	0.7694	0.0808	116	0.93	
LC0024	0.423	0.099	63.6	-2.14	
LC0025	0.636	0.07	95.7	-0.26	
LC0026	0.79	0.16	119	1.11	
LC0027	0.608	0.122	91.5	-0.5	

Characteristics of parameter

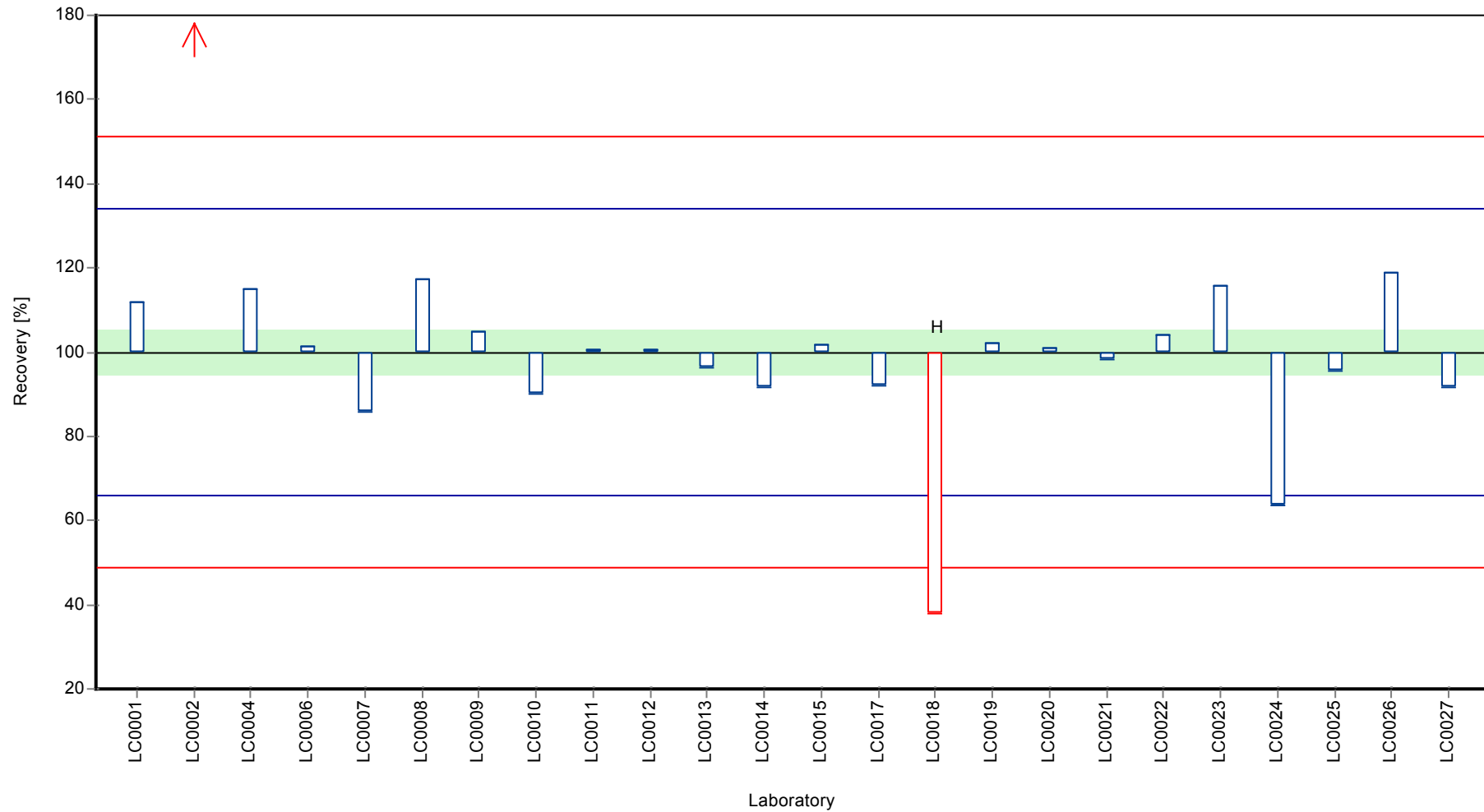
	all results	without outliers	Unit
Mean ± CI (99%)	0.669 ± 0.0974	0.665 ± 0.0524	µg/l
Minimum	0.253	0.423	µg/l
Maximum	1.19	0.79	µg/l
Standard deviation	0.159	0.0819	µg/l
rel. standard deviation	23.8	12.3 %	
n	24	22	-

Graphical presentation of results

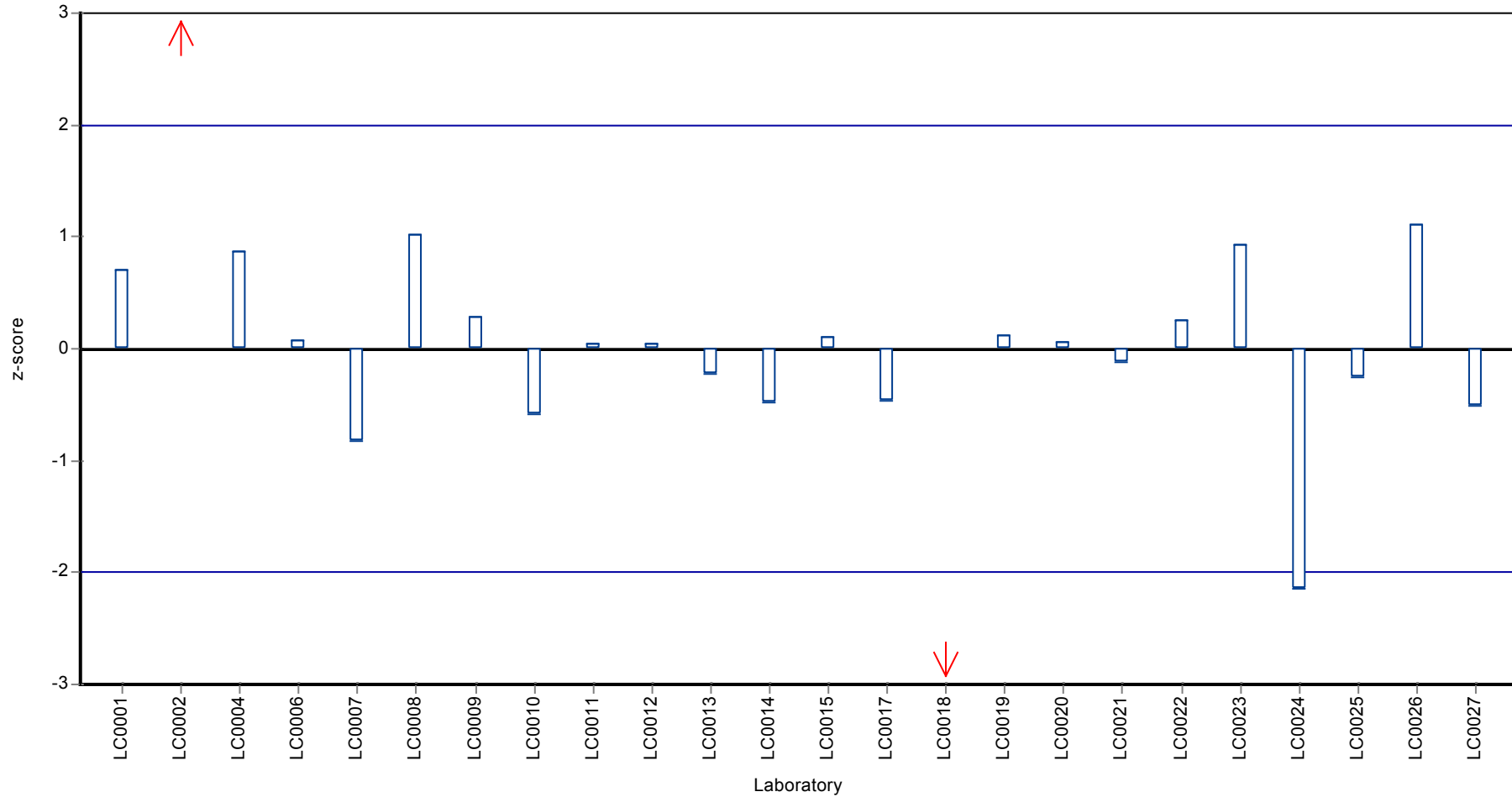
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Atrazine-desethyl

Unit	µg/l
Assigned value ± U (k=2)	0.172 ± 0.00771
Criterion	0.0293 (17 %)
Minimum - Maximum	0.131 - 0.206
Control test value ± U (k=2)	0.180 ± 0.0269

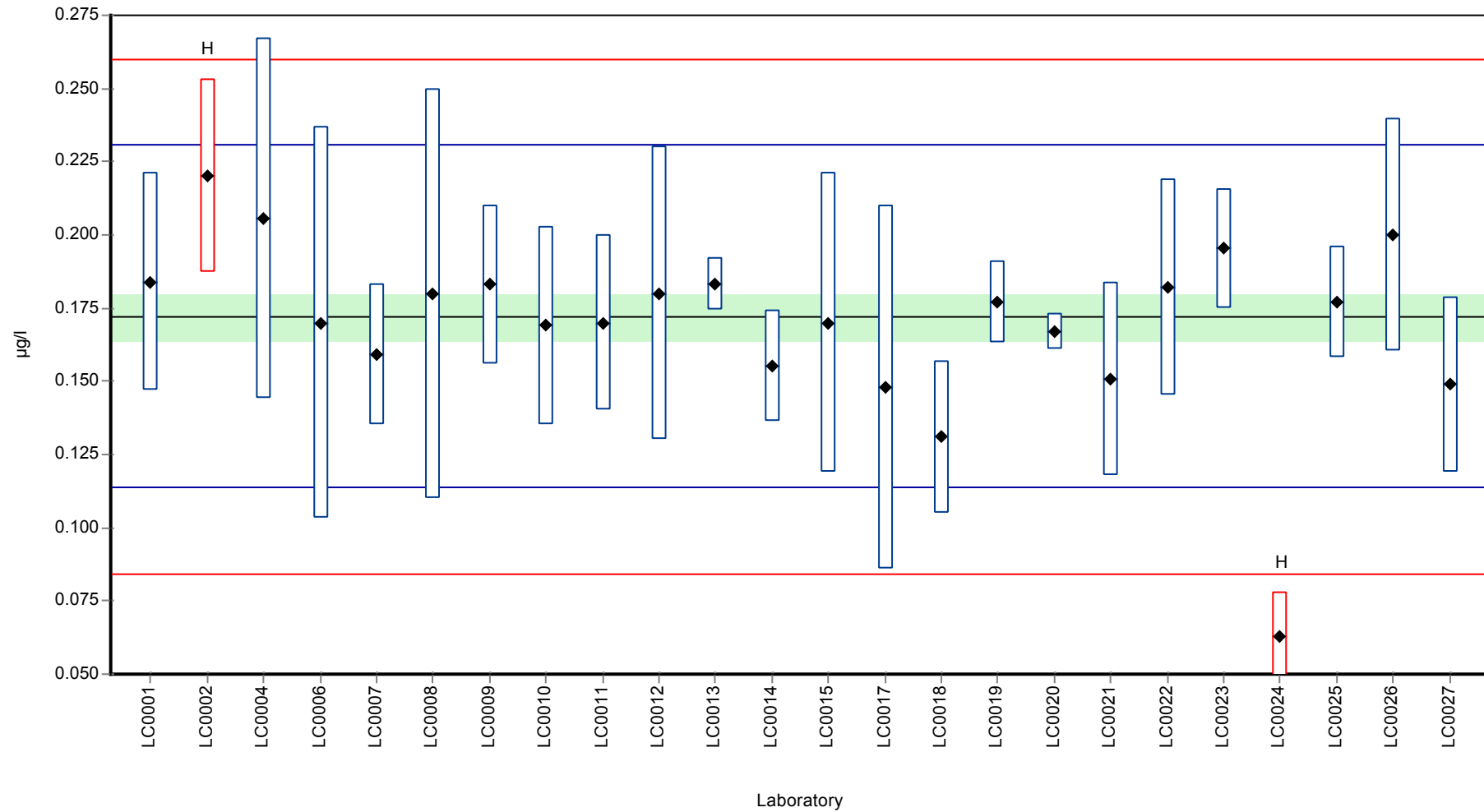
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.184	0.037	107	0.41	
LC0002	0.22	0.033	128	1.64	H
LC0003	-	-	-	-	
LC0004	0.2057	0.0617	120	1.15	
LC0005	-	-	-	-	
LC0006	0.17	0.067	98.8	-0.07	
LC0007	0.159	0.024	92.4	-0.45	
LC0008	0.18	0.07	105	0.27	
LC0009	0.183	0.027	106	0.37	
LC0010	0.169	0.034	98.2	-0.11	
LC0011	0.17	0.03	98.8	-0.07	
LC0012	0.18	0.05	105	0.27	
LC0013	0.183	0.009	106	0.37	
LC0014	0.155	0.019	90.1	-0.58	
LC0015	0.17	0.051	98.8	-0.07	
LC0017	0.148	0.062	86	-0.82	
LC0018	0.131	0.026	76.1	-1.4	
LC0019	0.177	0.014	103	0.17	
LC0020	0.167	0.006	97	-0.17	
LC0021	0.151	0.033	87.7	-0.72	
LC0022	0.182	0.037	106	0.34	
LC0023	0.1954	0.0205	114	0.8	
LC0024	0.063	0.015	36.6	-3.73	H
LC0025	0.177	0.019	103	0.17	
LC0026	0.2	0.04	116	0.95	
LC0027	0.149	0.03	86.6	-0.79	

Characteristics of parameter

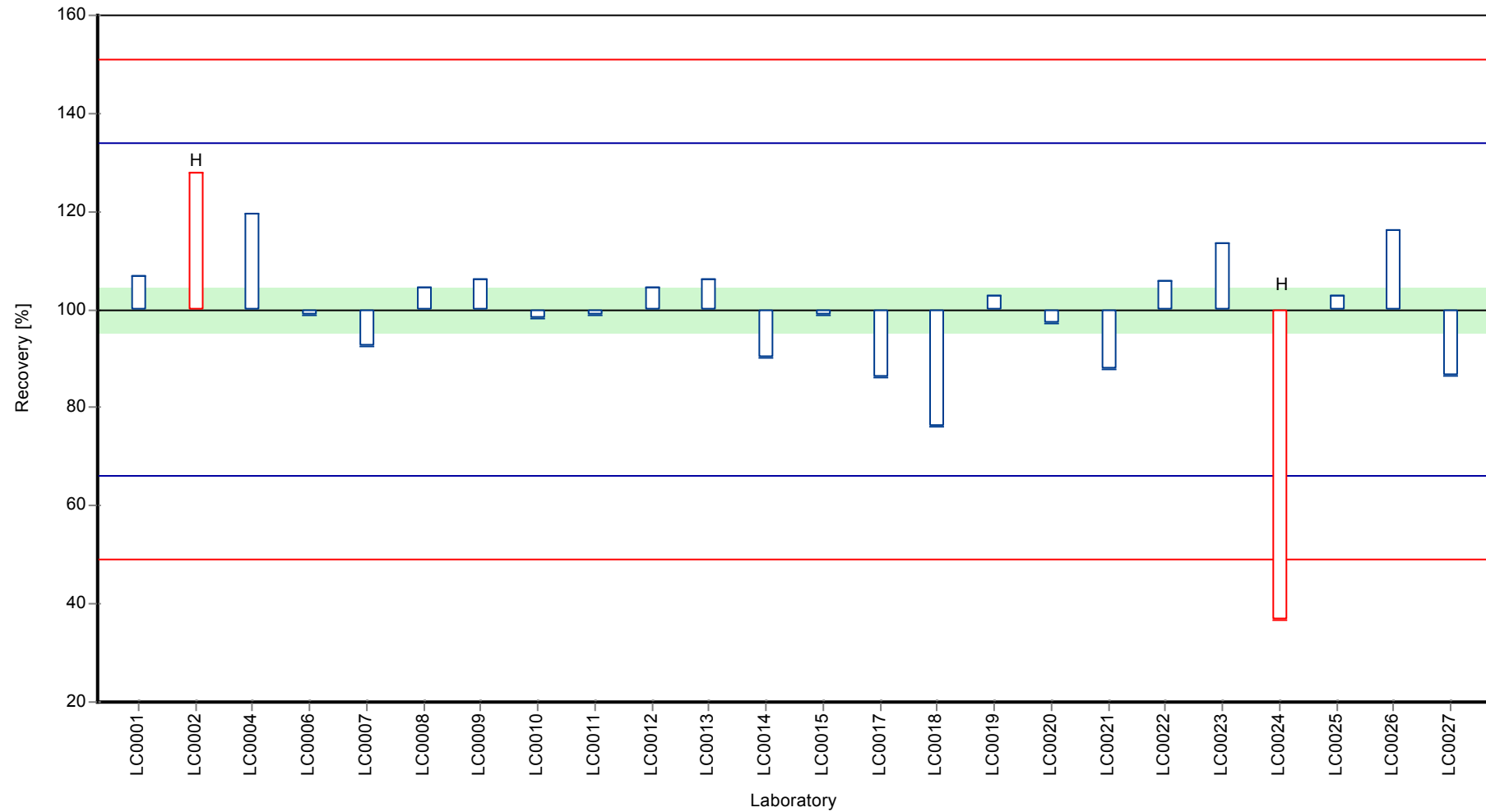
	all results	without outliers	Unit
Mean ± CI (99%)	0.17 ± 0.0185	0.172 ± 0.0116	µg/l
Minimum	0.063	0.131	µg/l
Maximum	0.22	0.206	µg/l
Standard deviation	0.0301	0.0181	µg/l
rel. standard deviation	17.8	10.5 %	
n	24	22	-

Graphical presentation of results

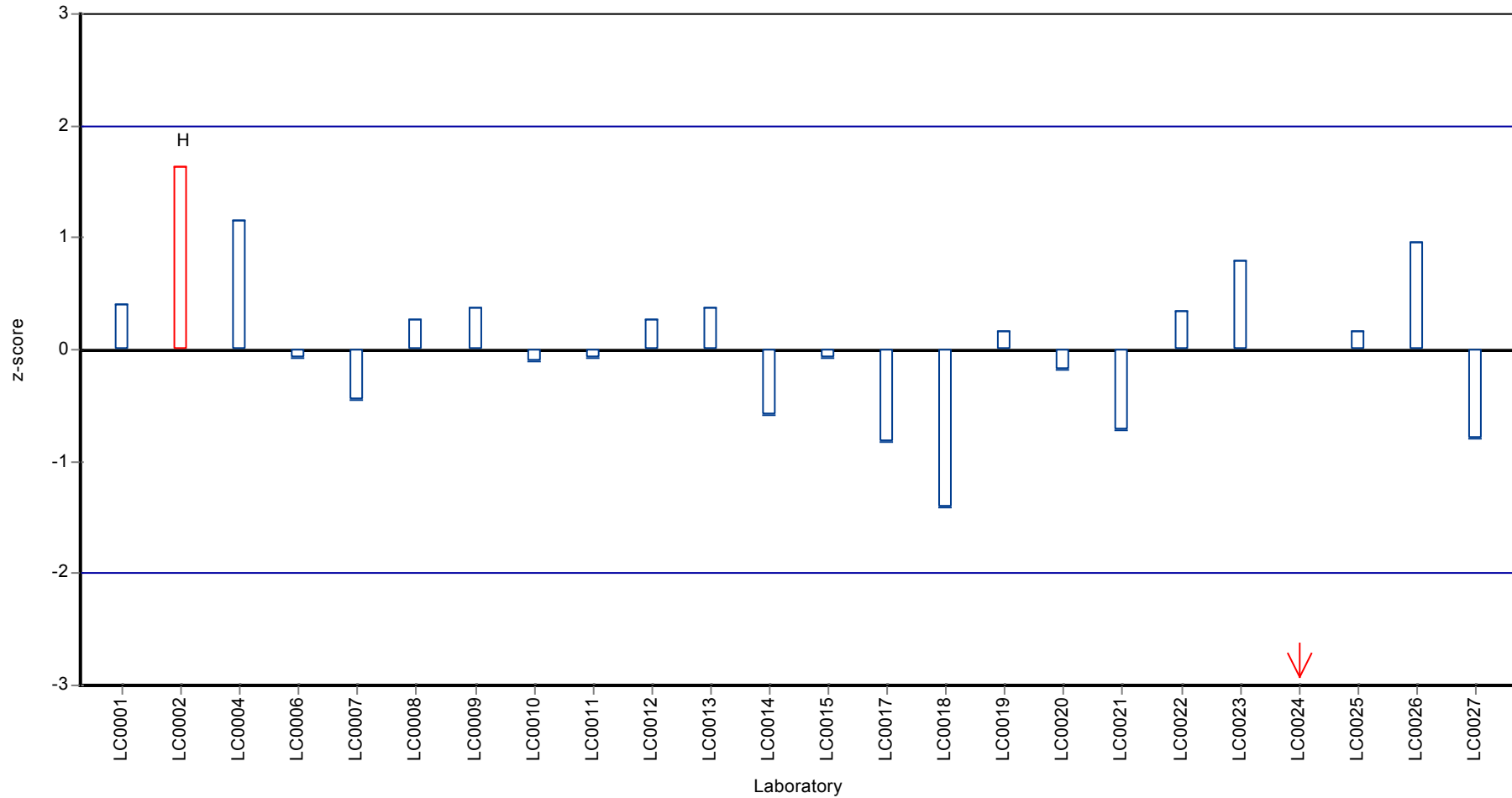
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Atrazine-desethyl-desisopropyl

Unit	µg/l
Assigned value ± U (k=2)	0.109 ± 0.0399
Criterion	0.0528 (48 %)
Minimum - Maximum	0.07 - 0.211
Control test value ± U (k=2)	0.0700 ± 0.0105

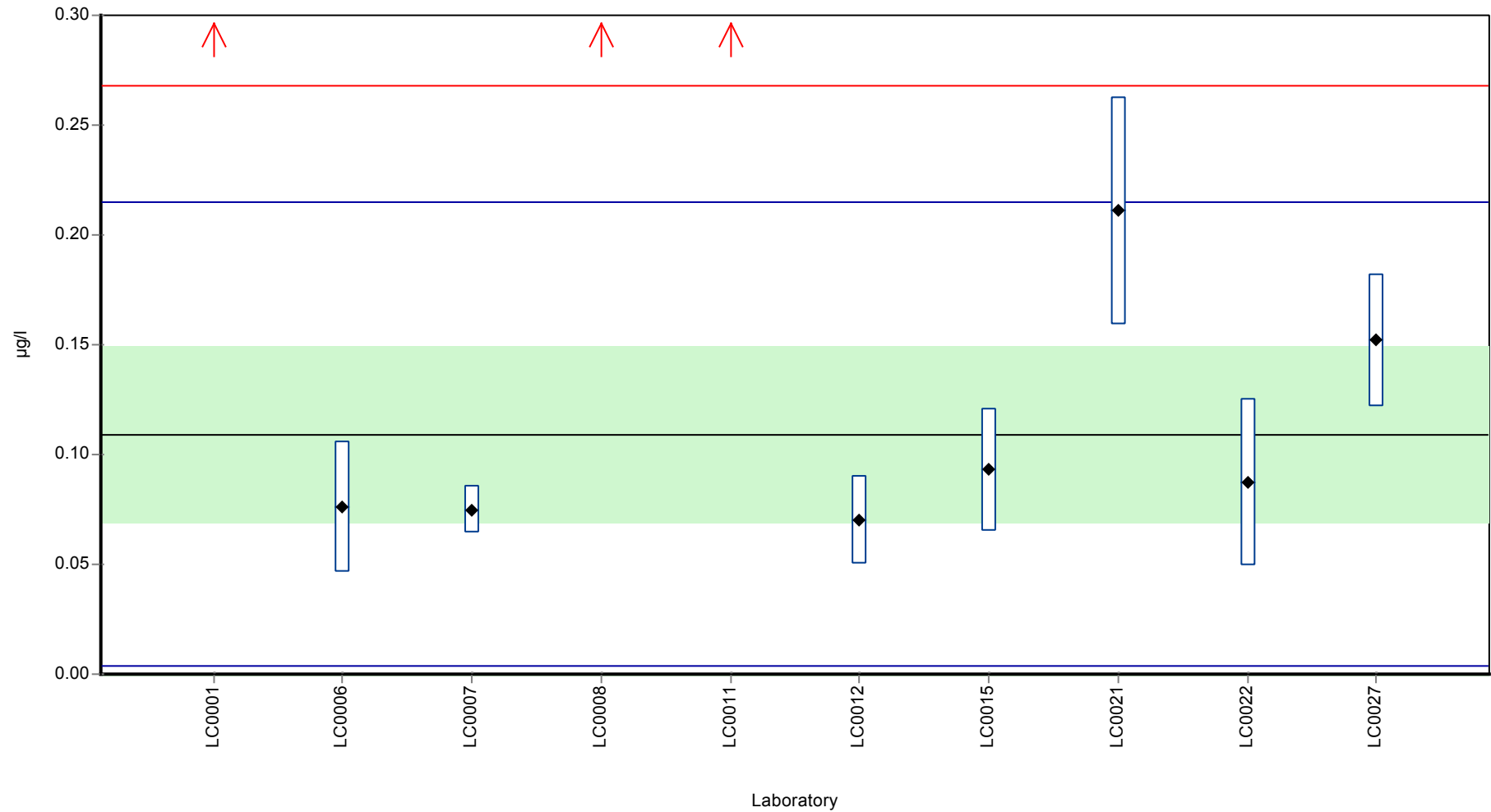
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.858	0.172	786	14.2	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.076	0.03	69.6	-0.63	
LC0007	0.075	0.011	68.7	-0.65	
LC0008	0.77	0.2	705	12.5	H
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.86	0.09	788	14.2	H
LC0012	0.07	0.02	64.1	-0.74	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.093	0.028	85.2	-0.31	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.211	0.052	193	1.93	
LC0022	0.0872	0.038	79.9	-0.42	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.152	0.03	139	0.81	

Characteristics of parameter

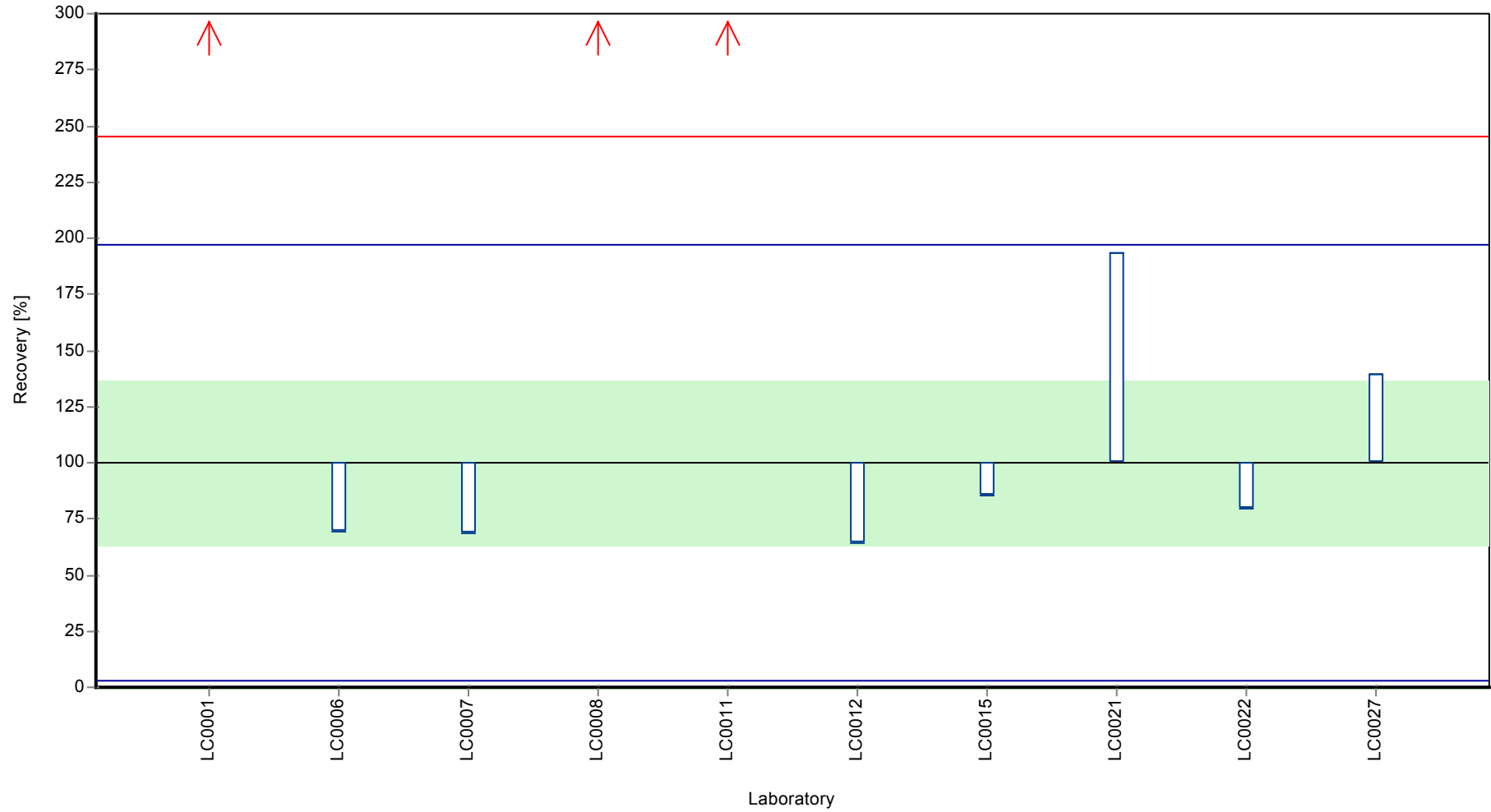
	all results	without outliers	Unit
Mean ± CI (99%)	0.325 ± 0.333	0.109 ± 0.0599	µg/l
Minimum	0.07	0.07	µg/l
Maximum	0.86	0.211	µg/l
Standard deviation	0.351	0.0528	µg/l
rel. standard deviation	108	48.4 %	
n	10	7	-

Graphical presentation of results

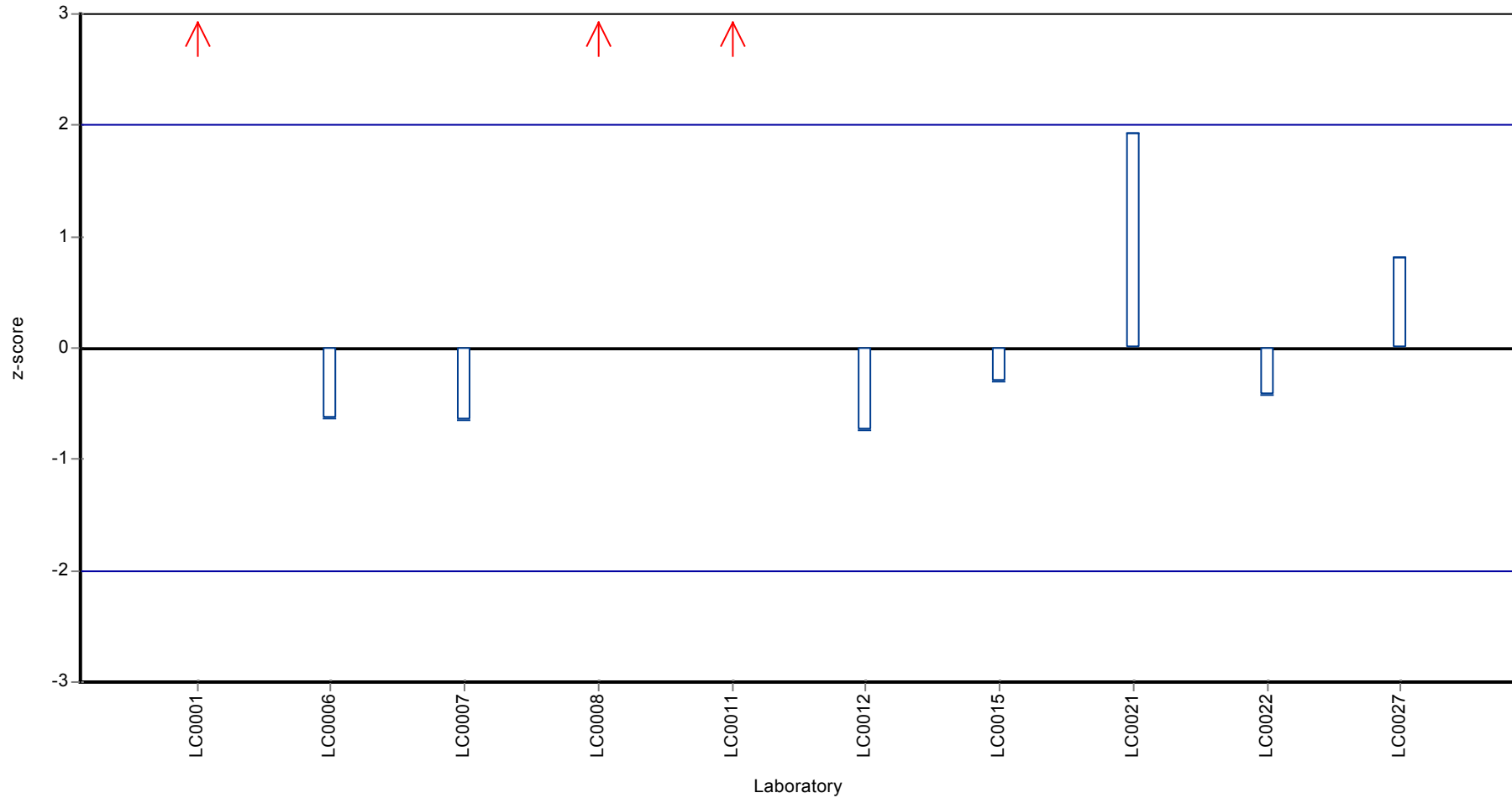
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Atrazine-desethyl-desisopropyl

Unit	µg/l
Assigned value ± U (k=2)	0.207 ± 0.0415
Criterion	0.0656 (32 %)
Minimum - Maximum	0.13 - 0.341
Control test value ± U (k=2)	0.159 ± 0.0239

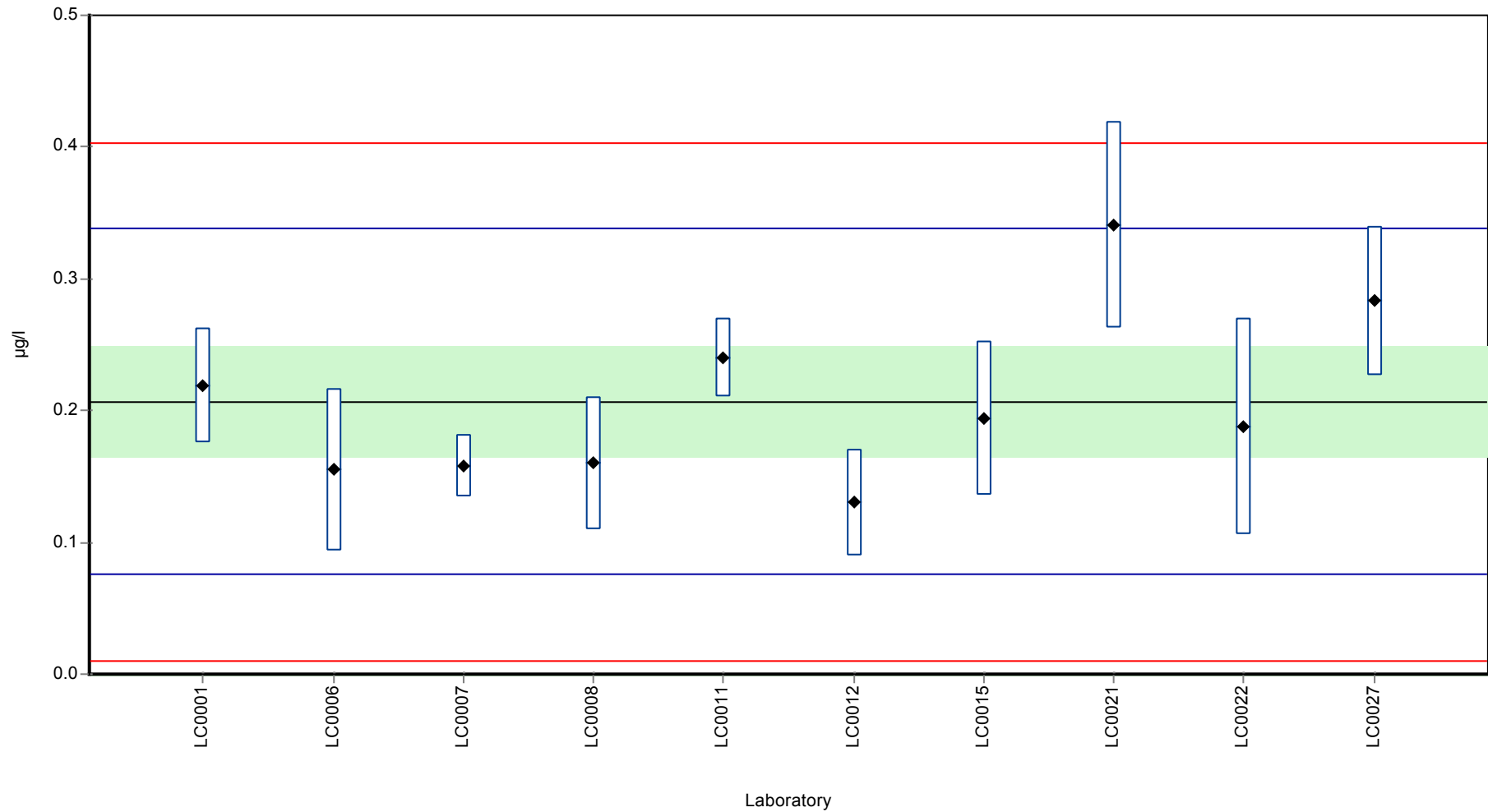
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.219	0.044	106	0.19	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.155	0.062	75	-0.79	
LC0007	0.158	0.024	76.4	-0.74	
LC0008	0.16	0.05	77.4	-0.71	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.24	0.03	116	0.51	
LC0012	0.13	0.04	62.9	-1.17	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.194	0.058	93.8	-0.2	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.341	0.078	165	2.05	
LC0022	0.188	0.082	90.9	-0.29	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.283	0.057	137	1.16	

Characteristics of parameter

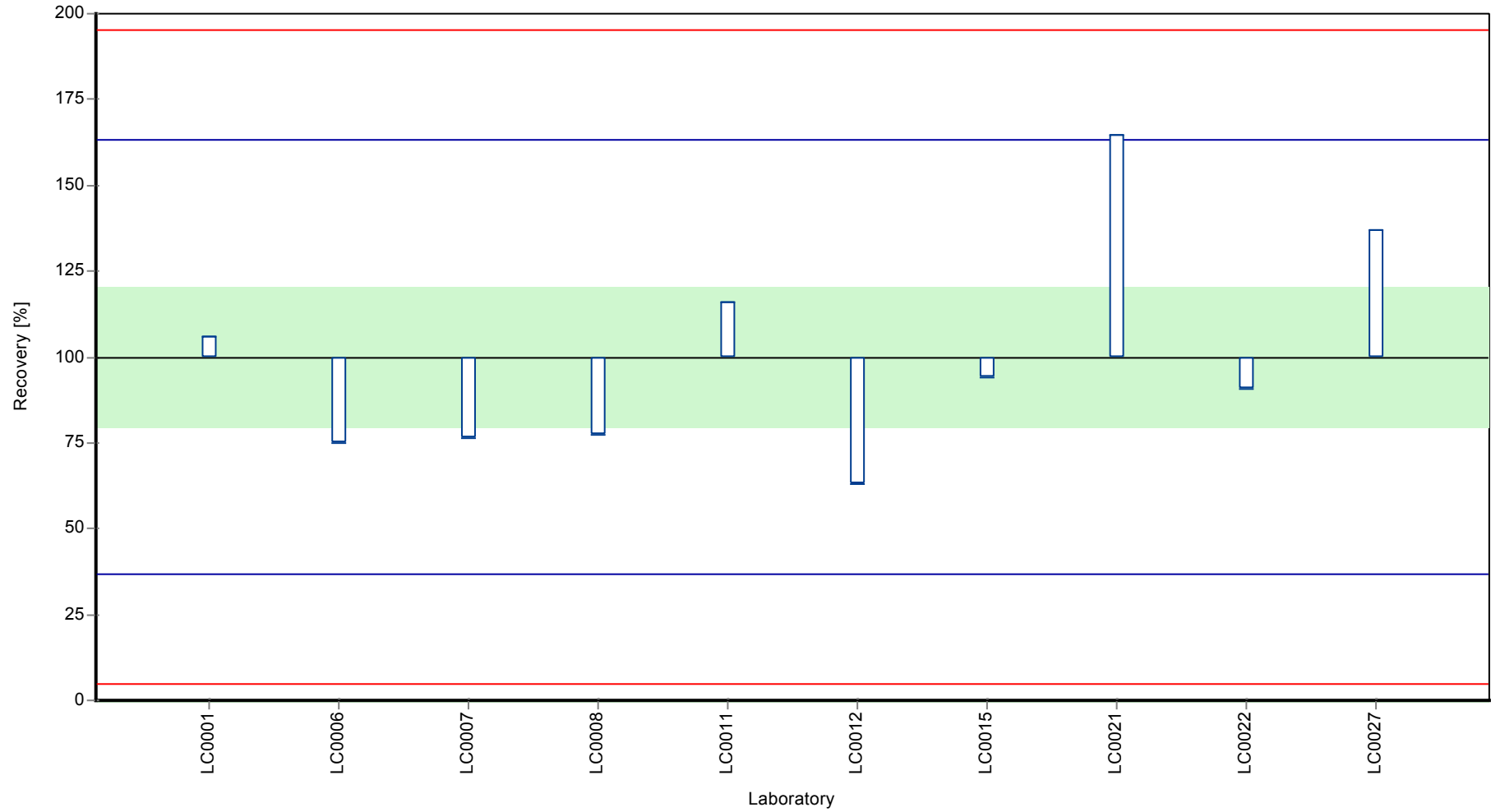
	all results	without outliers	Unit
Mean ± CI (99%)	0.207 ± 0.0622	0.207 ± 0.0622	µg/l
Minimum	0.13	0.13	µg/l
Maximum	0.341	0.341	µg/l
Standard deviation	0.0656	0.0656	µg/l
rel. standard deviation	31.7	31.7	%
n	10	10	-

Graphical presentation of results

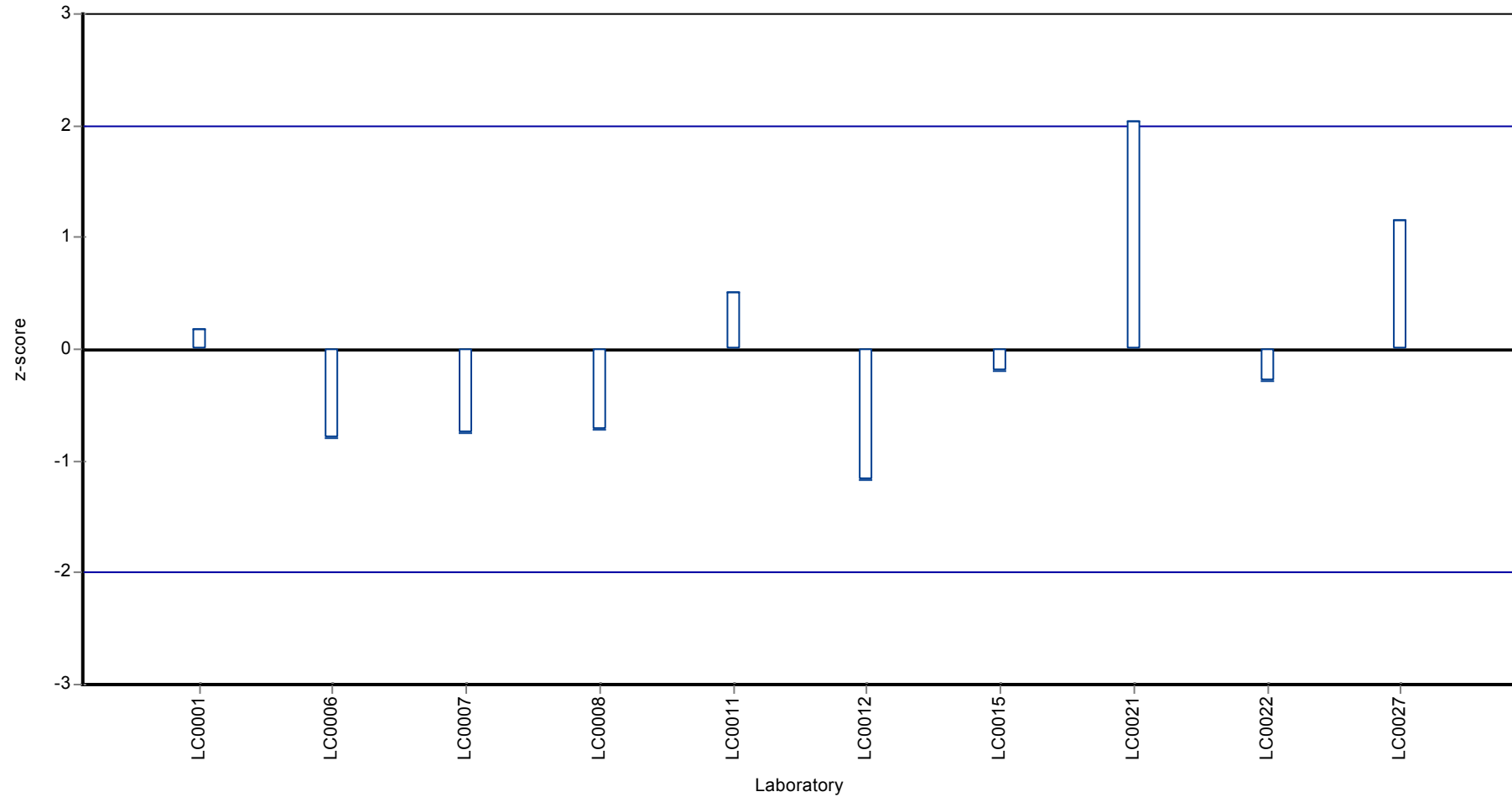
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Atrazine-desisopropyl

Unit	µg/l
Assigned value ± U (k=2)	0.807 ± 0.0517
Criterion	0.121 (15 %)
Minimum - Maximum	0.588 - 1.04
Control test value ± U (k=2)	0.897 ± 0.134

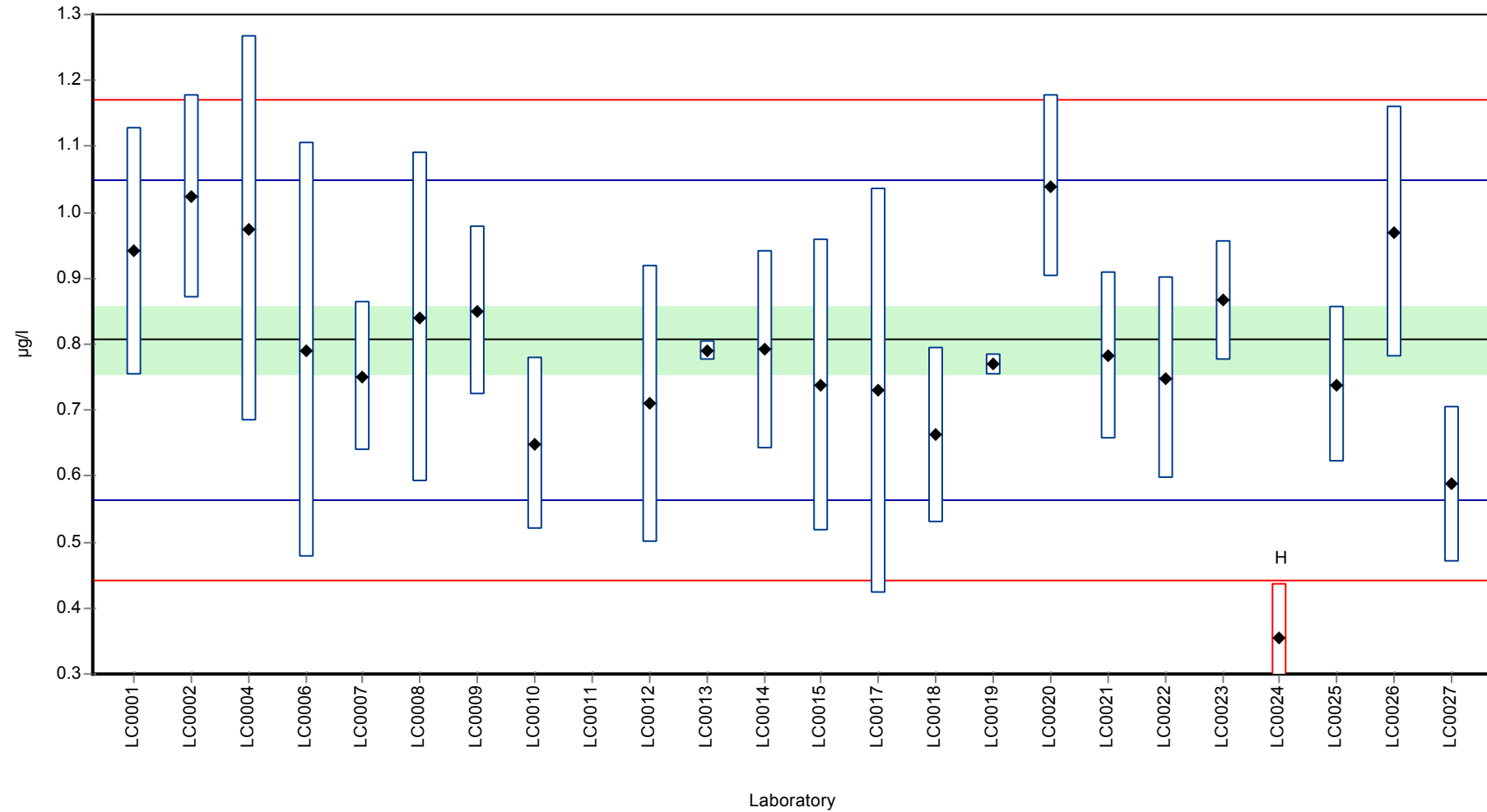
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.941	0.188	117	1.11	
LC0002	1.024	0.154	127	1.79	
LC0003	-	-	-	-	
LC0004	0.9748	0.2924	121	1.39	
LC0005	-	-	-	-	
LC0006	0.791	0.314	98.1	-0.13	
LC0007	0.751	0.113	93.1	-0.46	
LC0008	0.84	0.25	104	0.28	
LC0009	0.85	0.128	105	0.36	
LC0010	0.649	0.13	80.5	-1.3	
LC0011	< 0.03 (LOQ)	-	-	-	FN
LC0012	0.71	0.21	88	-0.8	
LC0013	0.79	0.015	97.9	-0.14	
LC0014	0.792	0.15	98.2	-0.12	
LC0015	0.737	0.221	91.4	-0.57	
LC0017	0.73	0.307	90.5	-0.63	
LC0018	0.662	0.132	82.1	-1.19	
LC0019	0.769	0.016	95.3	-0.31	
LC0020	1.04	0.138	129	1.92	
LC0021	0.782	0.127	97	-0.2	
LC0022	0.748	0.153	92.7	-0.48	
LC0023	0.8662	0.0901	107	0.49	
LC0024	0.354	0.083	43.9	-3.73	H
LC0025	0.739	0.118	91.6	-0.56	
LC0026	0.97	0.19	120	1.35	
LC0027	0.588	0.118	72.9	-1.8	

Characteristics of parameter

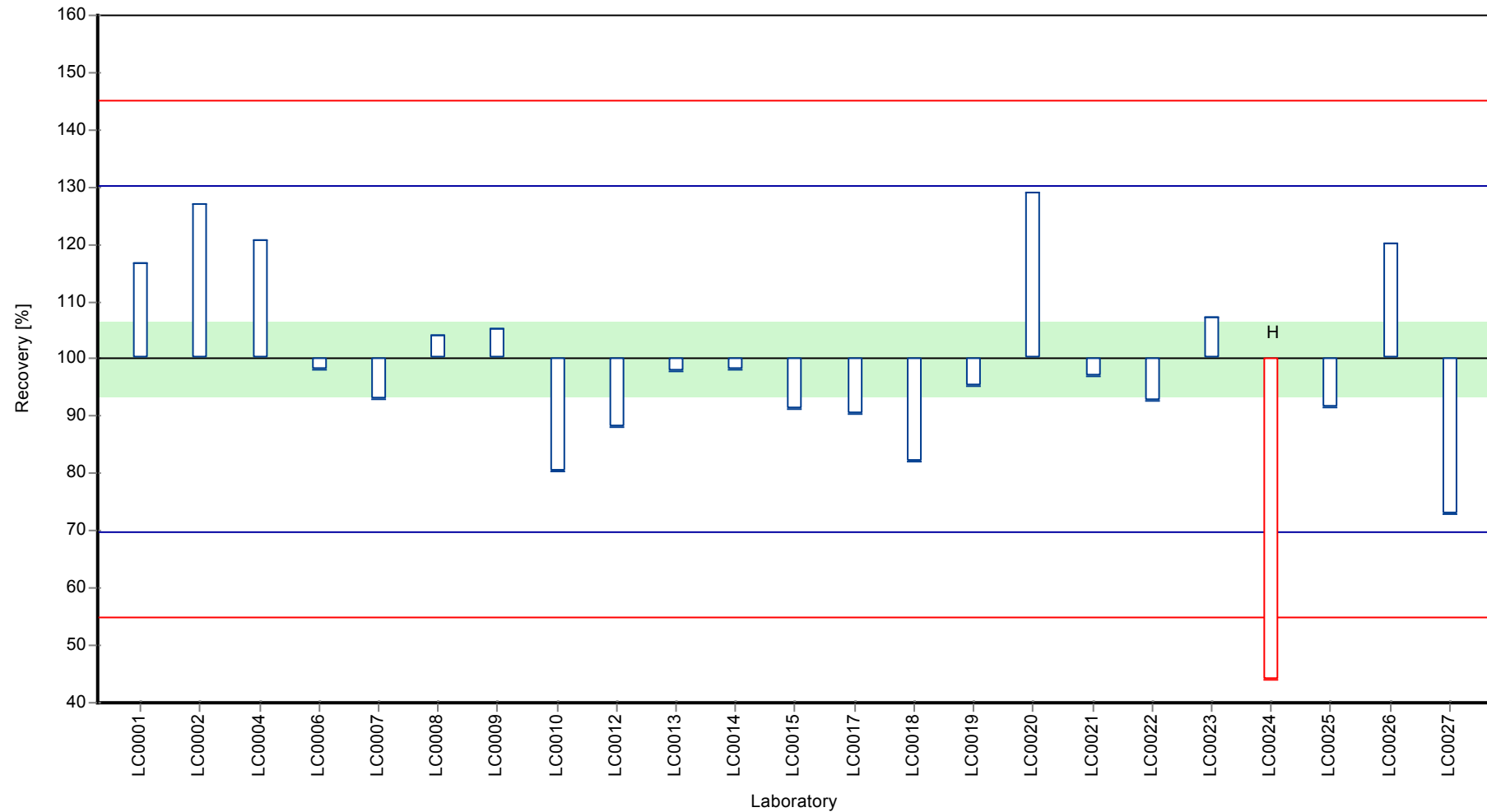
	all results	without outliers	Unit
Mean ± CI (99%)	0.787 ± 0.0947	0.807 ± 0.0776	µg/l
Minimum	0.354	0.588	µg/l
Maximum	1.04	1.04	µg/l
Standard deviation	0.151	0.121	µg/l
rel. standard deviation	19.2	15 %	
n	23	22	-

Graphical presentation of results

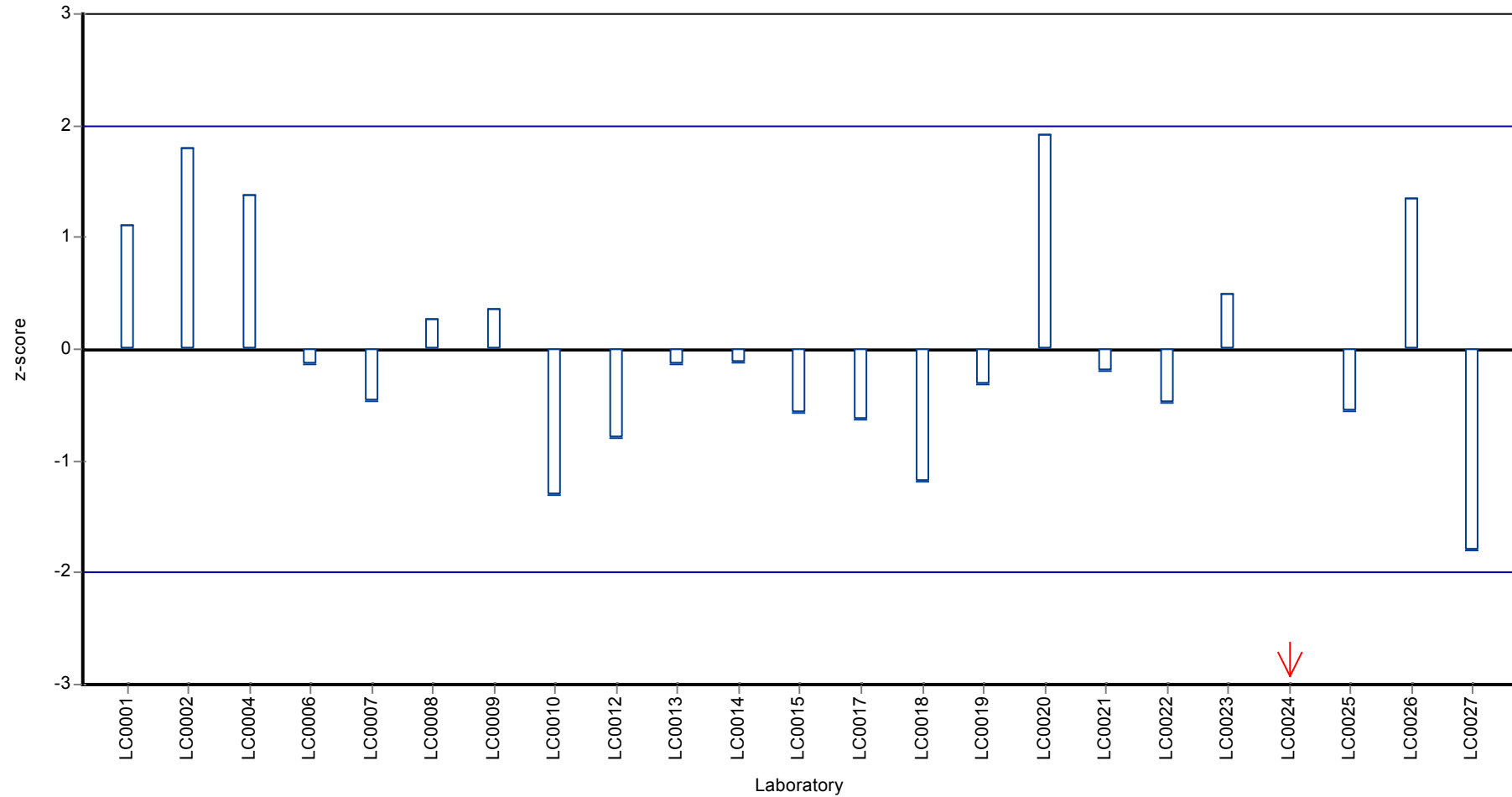
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Atrazine-desisopropyl

Unit	µg/l
Assigned value ± U (k=2)	0.756 ± 0.0438
Criterion	0.113 (15 %)
Minimum - Maximum	0.572 - 0.97
Control test value ± U (k=2)	0.818 ± 0.123

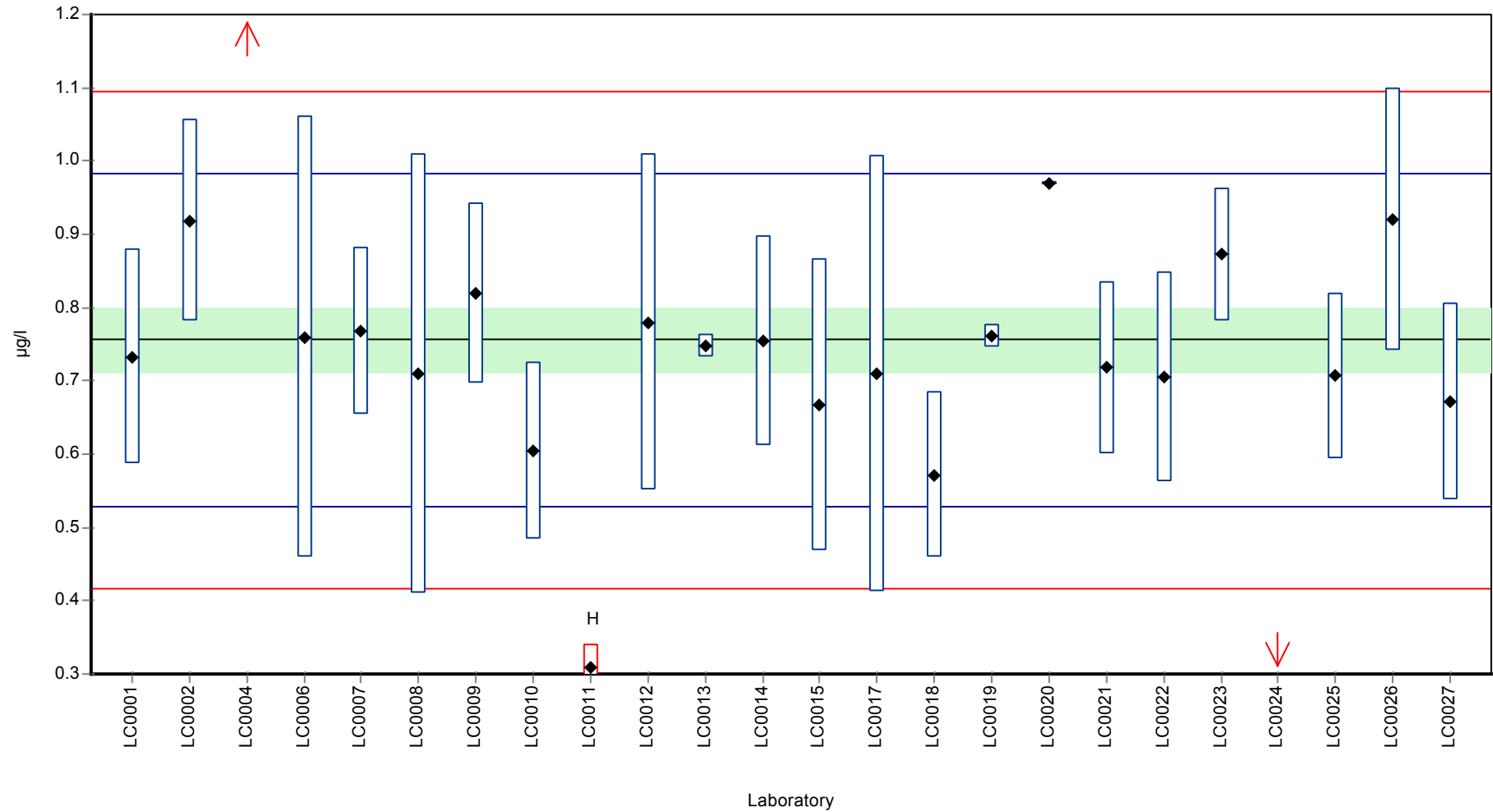
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.733	0.147	97	-0.2	
LC0002	0.919	0.138	122	1.44	
LC0003	-	-	-	-	
LC0004	1.2471	0.3741	165	4.33	H
LC0005	-	-	-	-	
LC0006	0.76	0.302	101	0.04	
LC0007	0.768	0.115	102	0.11	
LC0008	0.71	0.3	93.9	-0.4	
LC0009	0.82	0.123	109	0.57	
LC0010	0.604	0.121	79.9	-1.34	
LC0011	0.31	0.03	41	-3.93	H
LC0012	0.78	0.23	103	0.21	
LC0013	0.748	0.015	99	-0.07	
LC0014	0.755	0.143	99.9	-0.01	
LC0015	0.667	0.2	88.3	-0.78	
LC0017	0.71	0.298	93.9	-0.4	
LC0018	0.572	0.114	75.7	-1.62	
LC0019	0.761	0.016	101	0.05	
LC0020	0.97	0.002	128	1.89	
LC0021	0.718	0.118	95	-0.33	
LC0022	0.705	0.144	93.3	-0.45	
LC0023	0.8724	0.0907	115	1.03	
LC0024	0.224	0.053	29.6	-4.69	H
LC0025	0.707	0.113	93.6	-0.43	
LC0026	0.92	0.18	122	1.45	
LC0027	0.671	0.134	88.8	-0.75	

Characteristics of parameter

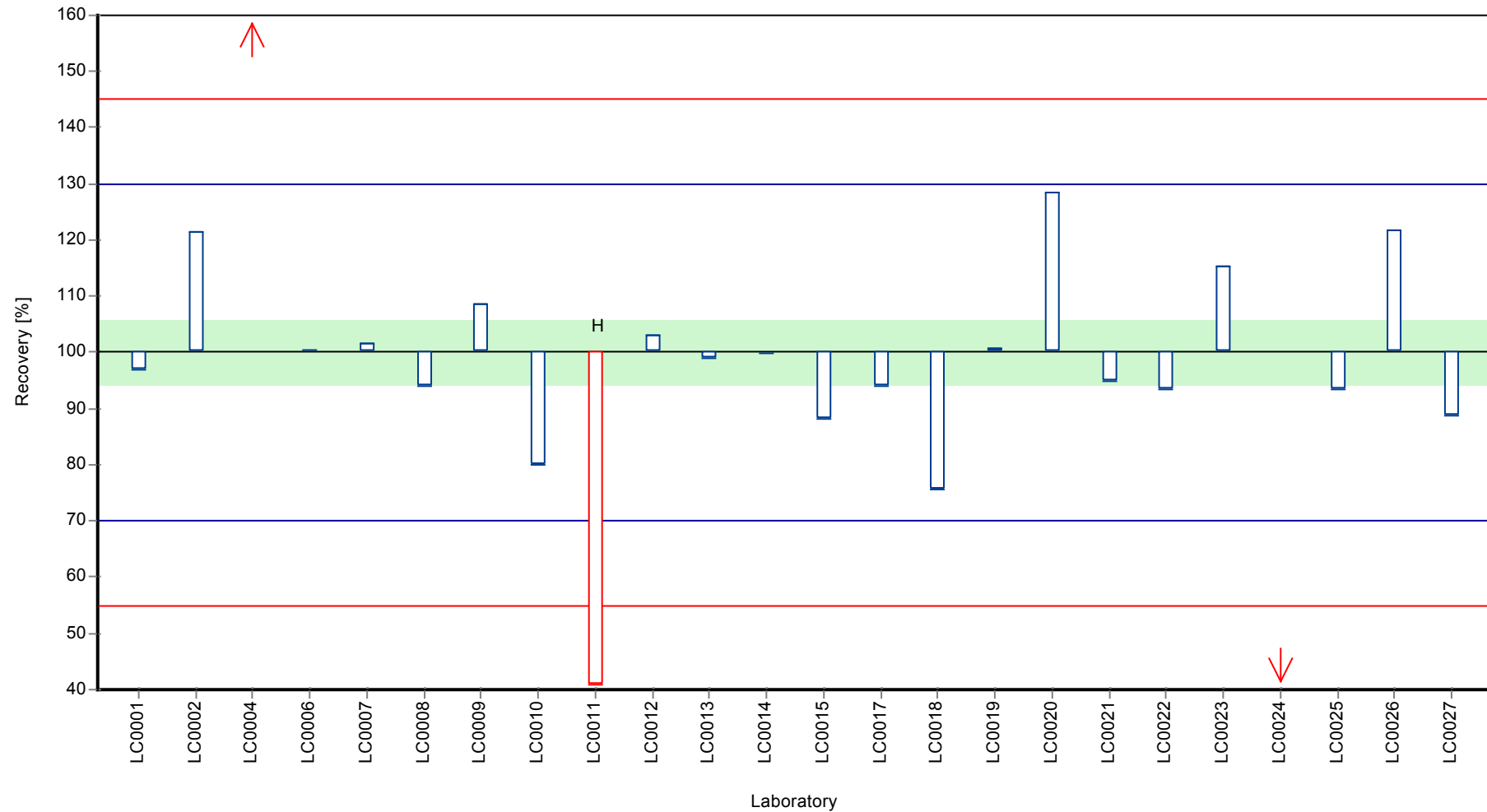
	all results	without outliers	Unit
Mean ± CI (99%)	0.735 ± 0.122	0.756 ± 0.0656	µg/l
Minimum	0.224	0.572	µg/l
Maximum	1.25	0.97	µg/l
Standard deviation	0.199	0.1	µg/l
rel. standard deviation	27.1	13.3	%
n	24	21	-

Graphical presentation of results

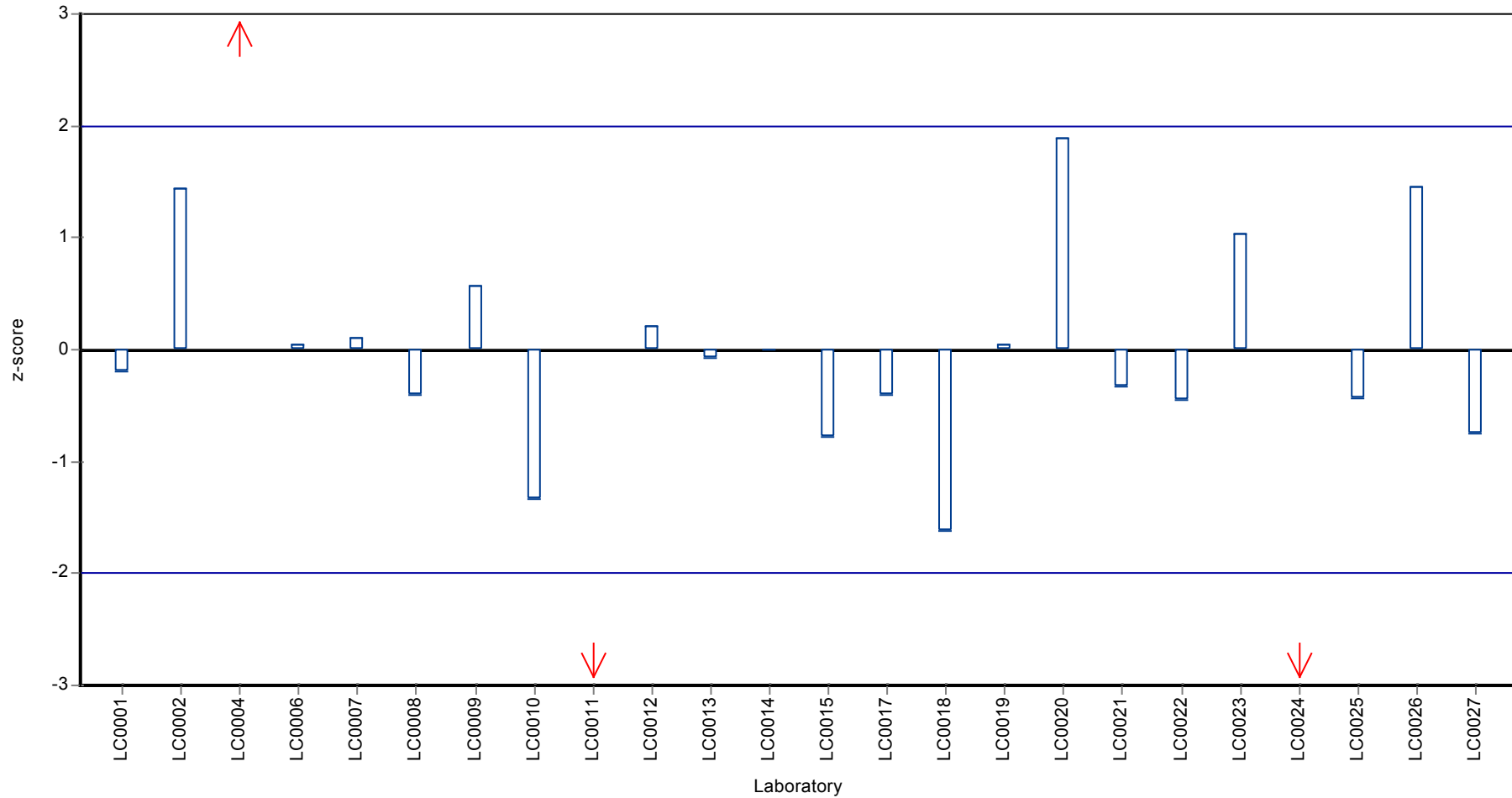
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Bromacil

Unit	µg/l
Assigned value ± U (k=2)	0.322 ± 0.0231
Criterion	0.045 (14 %)
Minimum - Maximum	0.242 - 0.396
Control test value ± U (k=2)	0.301 ± 0.0451

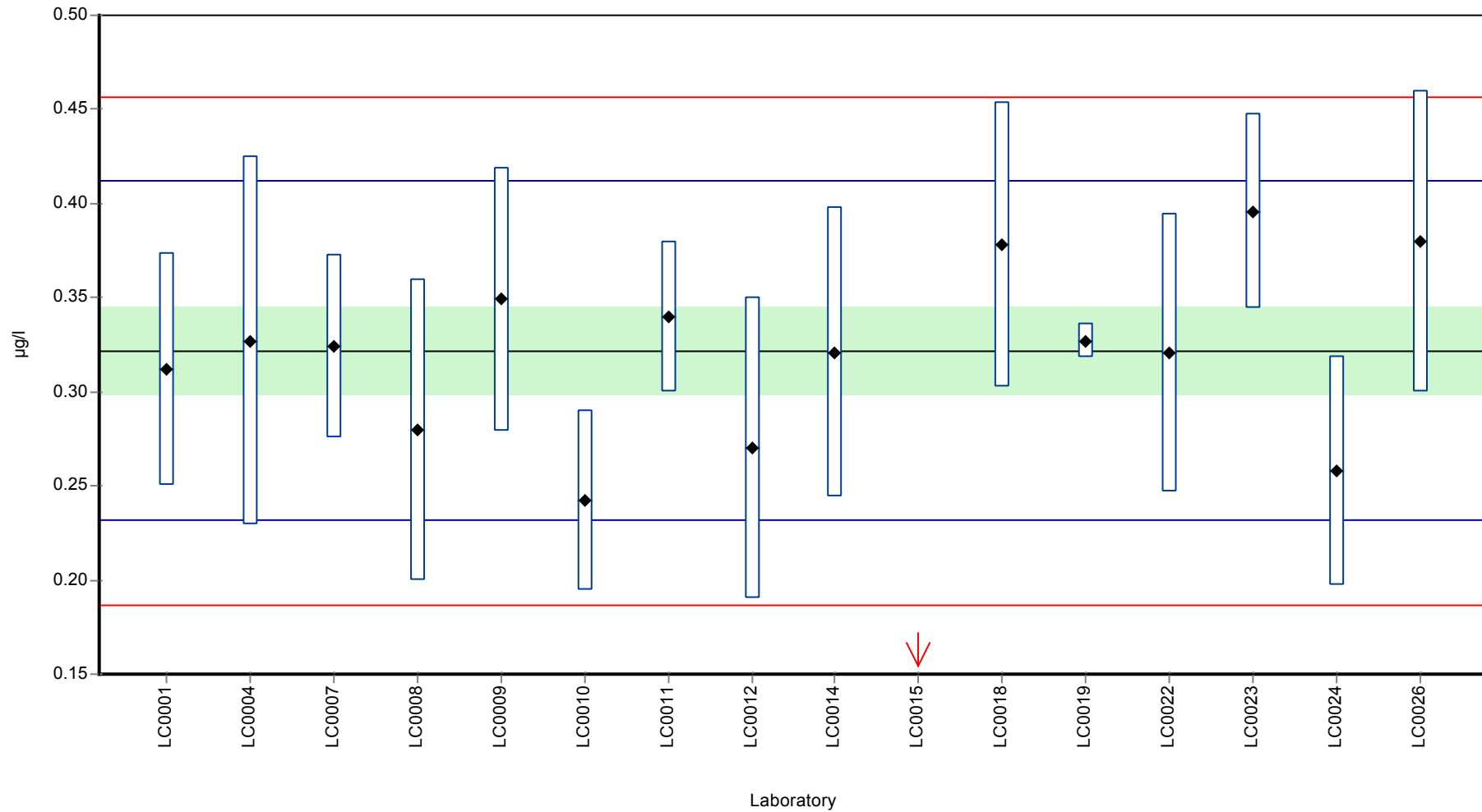
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.312	0.062	97	-0.21	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.3269	0.0981	102	0.12	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.324	0.049	101	0.05	
LC0008	0.28	0.08	87.1	-0.93	
LC0009	0.349	0.07	109	0.61	
LC0010	0.242	0.048	75.2	-1.77	
LC0011	0.34	0.04	106	0.41	
LC0012	0.27	0.08	83.9	-1.15	
LC0013	-	-	-	-	
LC0014	0.321	0.077	99.8	-0.01	
LC0015	0.082	0.024	25.5	-5.32	H
LC0017	-	-	-	-	
LC0018	0.378	0.076	118	1.25	
LC0019	0.327	0.009	102	0.12	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.321	0.074	99.8	-0.01	
LC0023	0.3957	0.0518	123	1.65	
LC0024	0.258	0.061	80.2	-1.41	
LC0025	-	-	-	-	
LC0026	0.38	0.08	118	1.3	
LC0027	-	-	-	-	

Characteristics of parameter

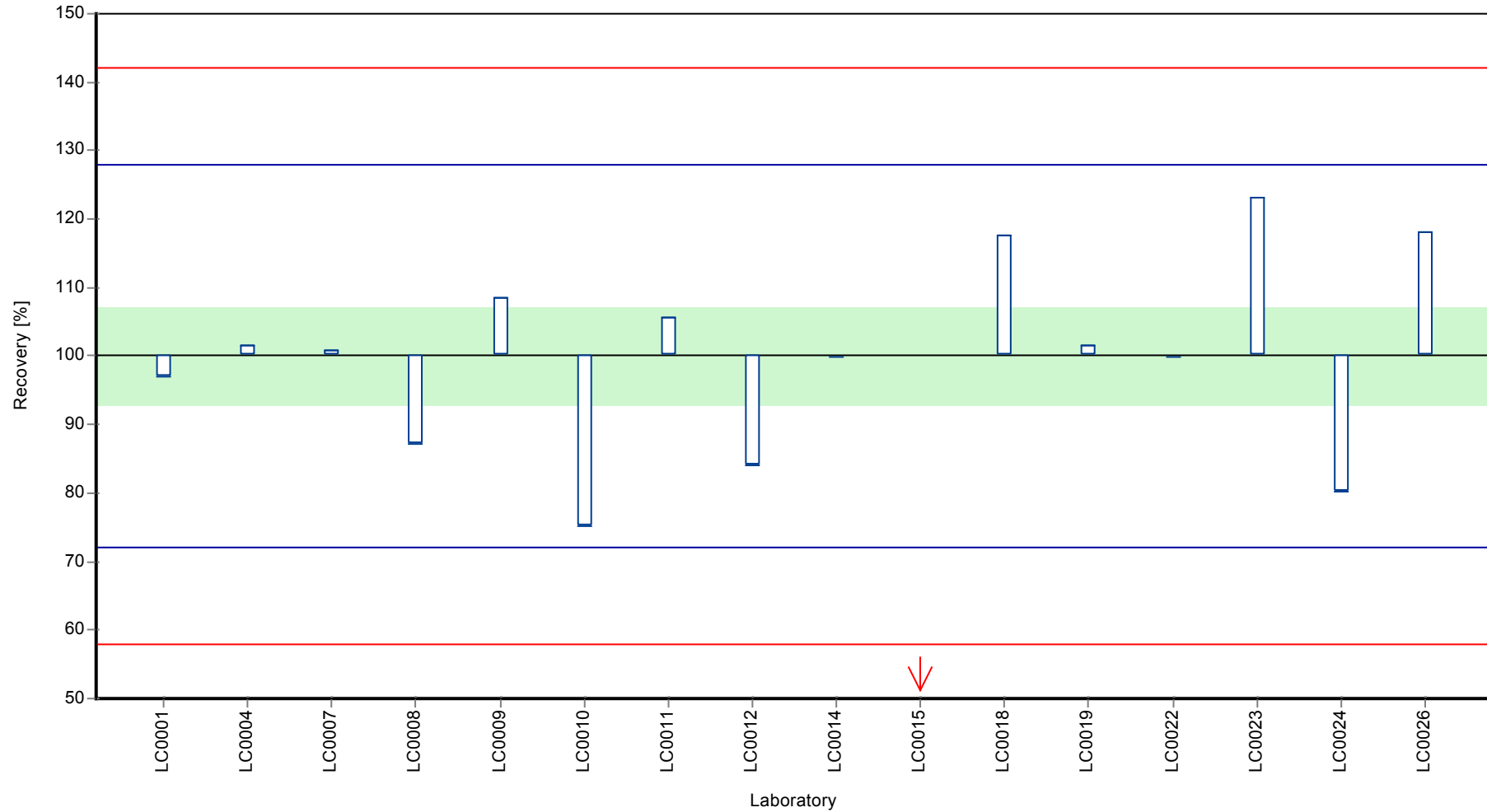
	all results	without outliers	Unit
Mean ± CI (99%)	0.307 ± 0.0554	0.322 ± 0.0347	µg/l
Minimum	0.082	0.242	µg/l
Maximum	0.396	0.396	µg/l
Standard deviation	0.0739	0.0448	µg/l
rel. standard deviation	24.1	13.9 %	
n	16	15	-

Graphical presentation of results

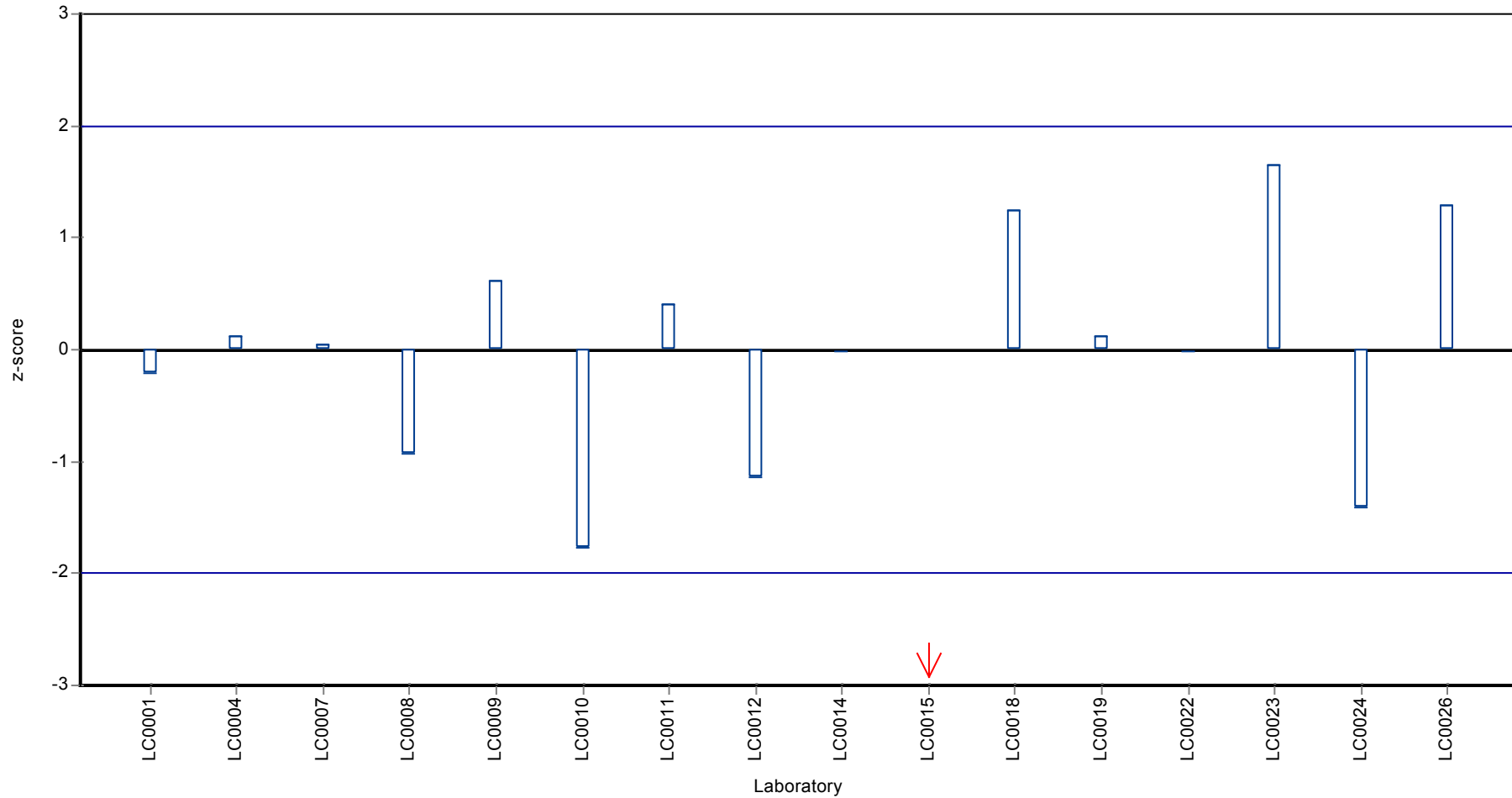
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Bromacil

Unit	µg/l
Assigned value ± U (k=2)	0.268 ± 0.0215
Criterion	0.0417 (16 %)
Minimum - Maximum	0.192 - 0.336
Control test value ± U (k=2)	0.259 ± 0.0389

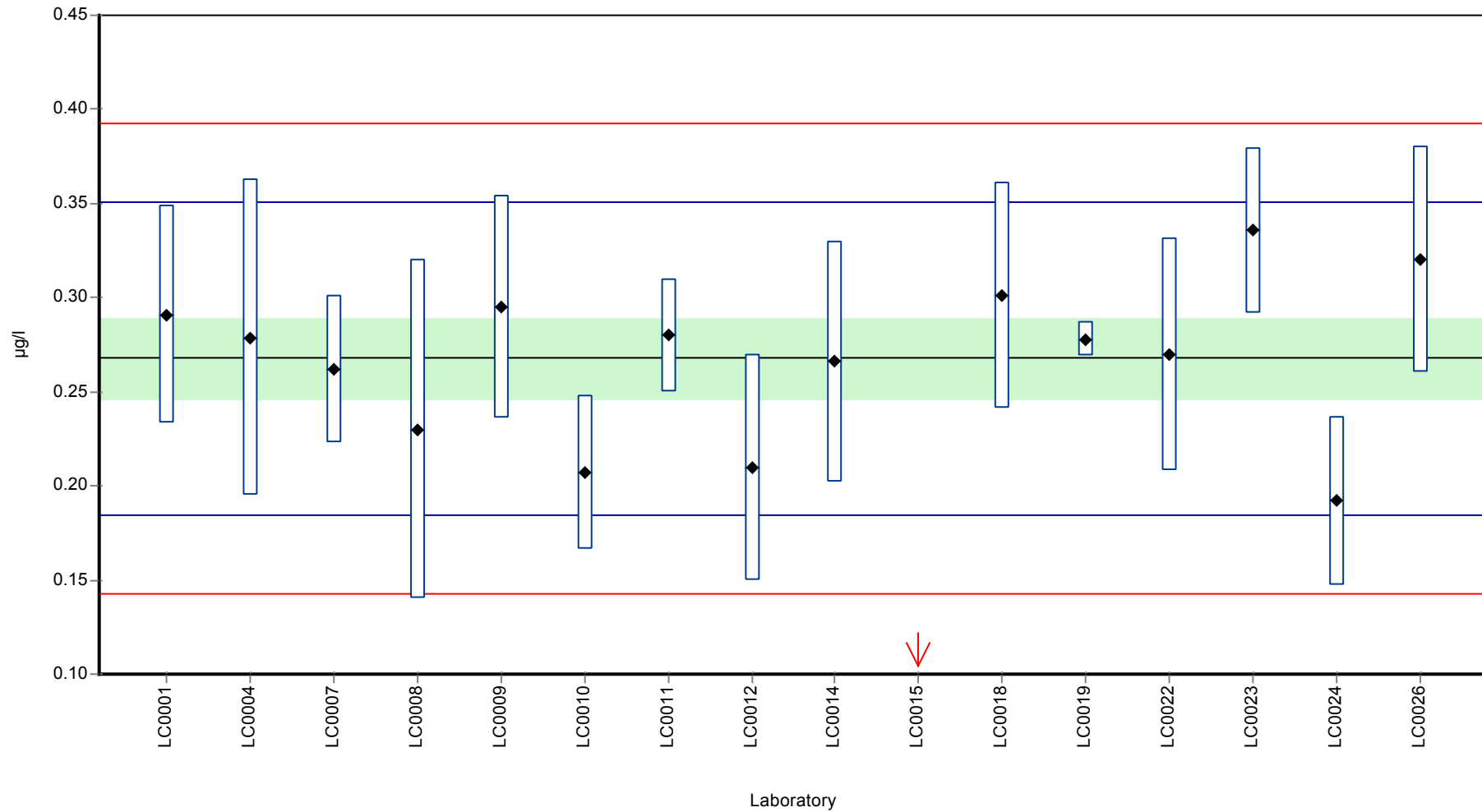
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.291	0.058	109	0.56	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.2789	0.0837	104	0.27	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.262	0.039	97.8	-0.14	
LC0008	0.23	0.09	85.9	-0.91	
LC0009	0.295	0.059	110	0.65	
LC0010	0.207	0.041	77.3	-1.46	
LC0011	0.28	0.03	105	0.29	
LC0012	0.21	0.06	78.4	-1.39	
LC0013	-	-	-	-	
LC0014	0.266	0.064	99.3	-0.04	
LC0015	0.093	0.028	34.7	-4.19	H
LC0017	-	-	-	-	
LC0018	0.301	0.06	112	0.8	
LC0019	0.278	0.009	104	0.24	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.27	0.062	101	0.05	
LC0023	0.3357	0.044	125	1.63	
LC0024	0.192	0.045	71.7	-1.82	
LC0025	-	-	-	-	
LC0026	0.32	0.06	120	1.25	
LC0027	-	-	-	-	

Characteristics of parameter

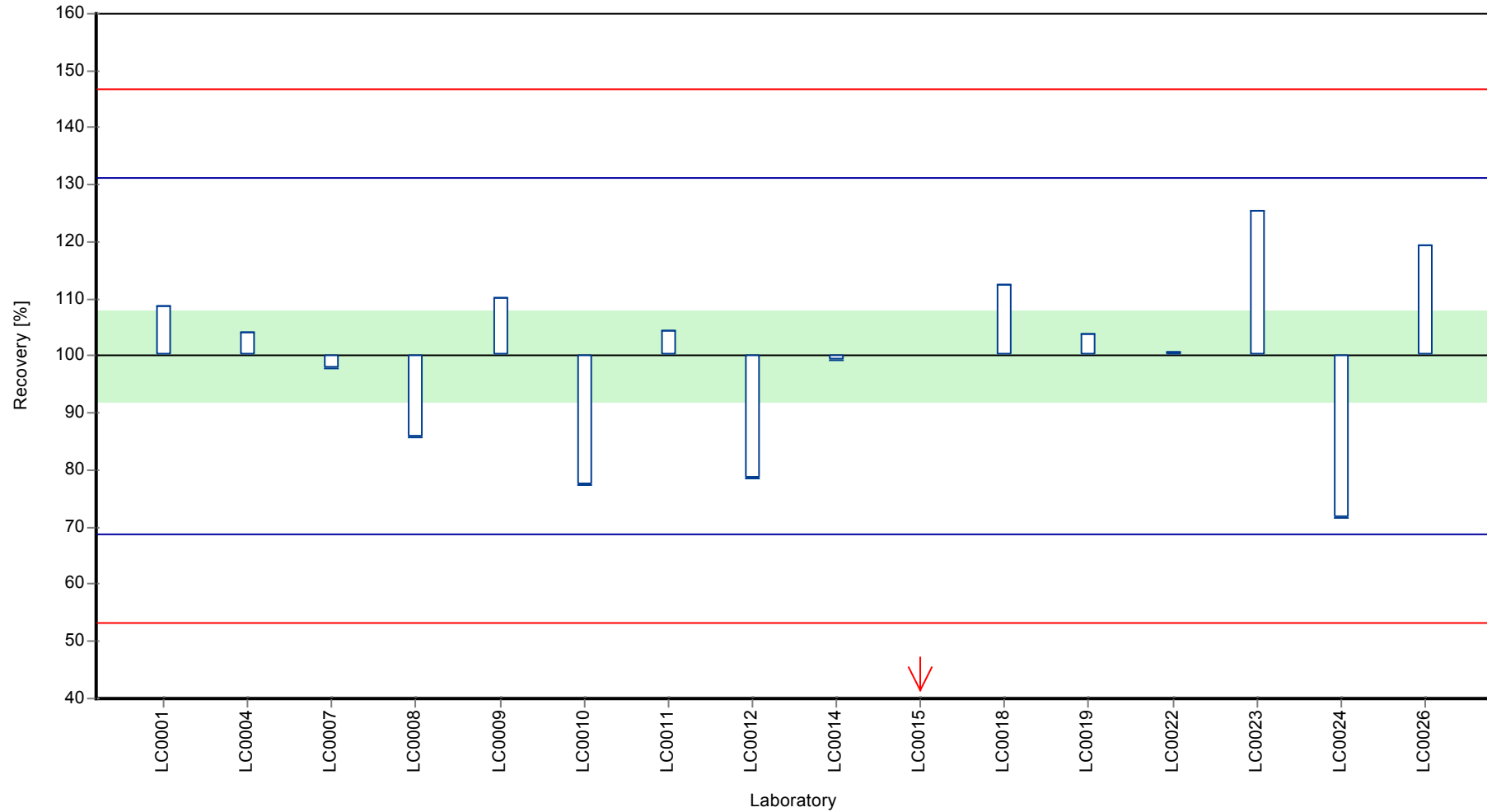
	all results	without outliers	Unit
Mean ± CI (99%)	0.257 ± 0.0446	0.268 ± 0.0323	µg/l
Minimum	0.093	0.192	µg/l
Maximum	0.336	0.336	µg/l
Standard deviation	0.0594	0.0417	µg/l
rel. standard deviation	23.1	15.6	%
n	16	15	-

Graphical presentation of results

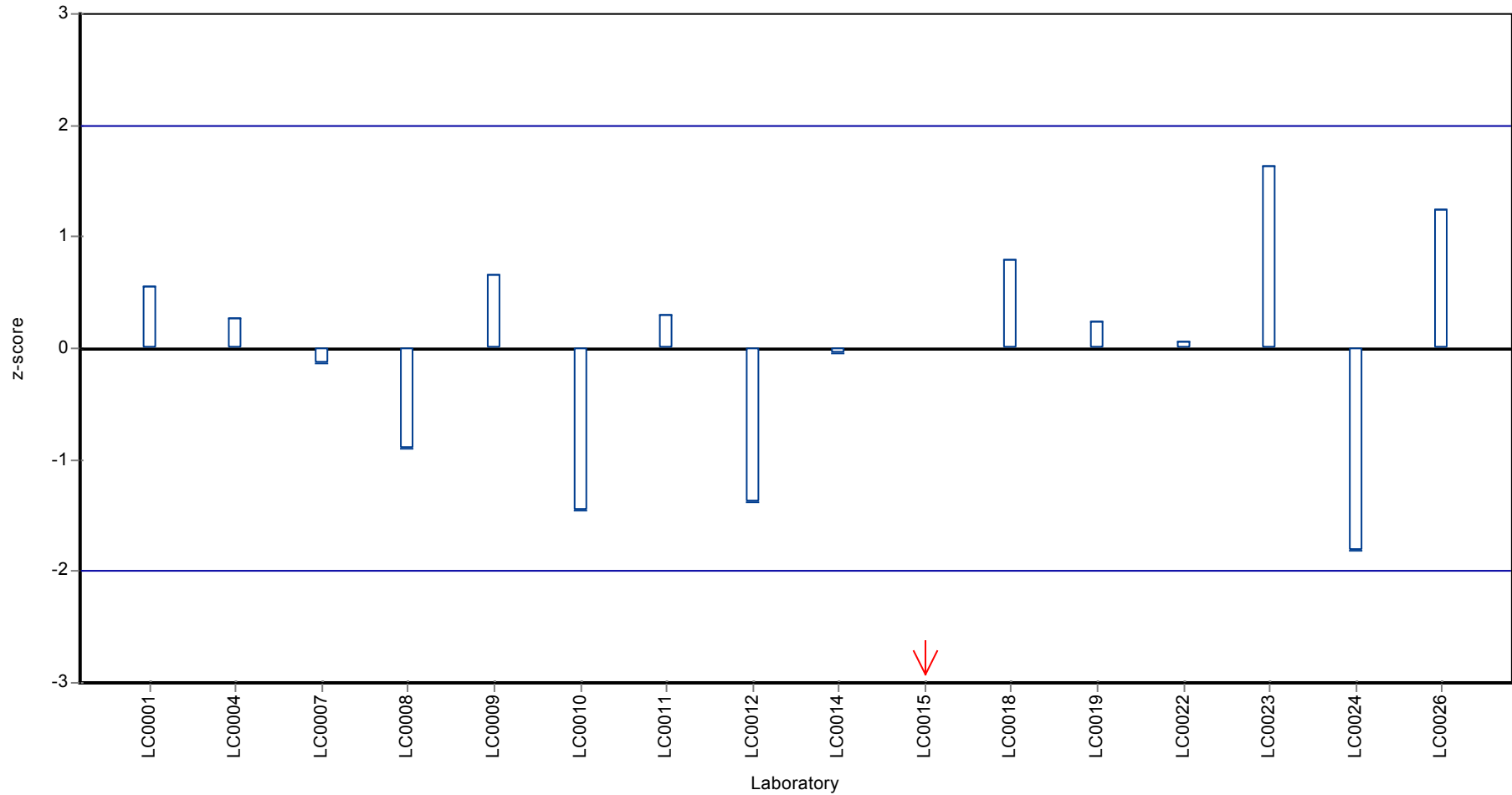
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Chloridazon

Unit	µg/l
Assigned value ± U (k=2)	0.119 ± 0.00542
Criterion	0.0154 (13 %)
Minimum - Maximum	0.1 - 0.147
Control test value ± U (k=2)	0.116 ± 0.0173

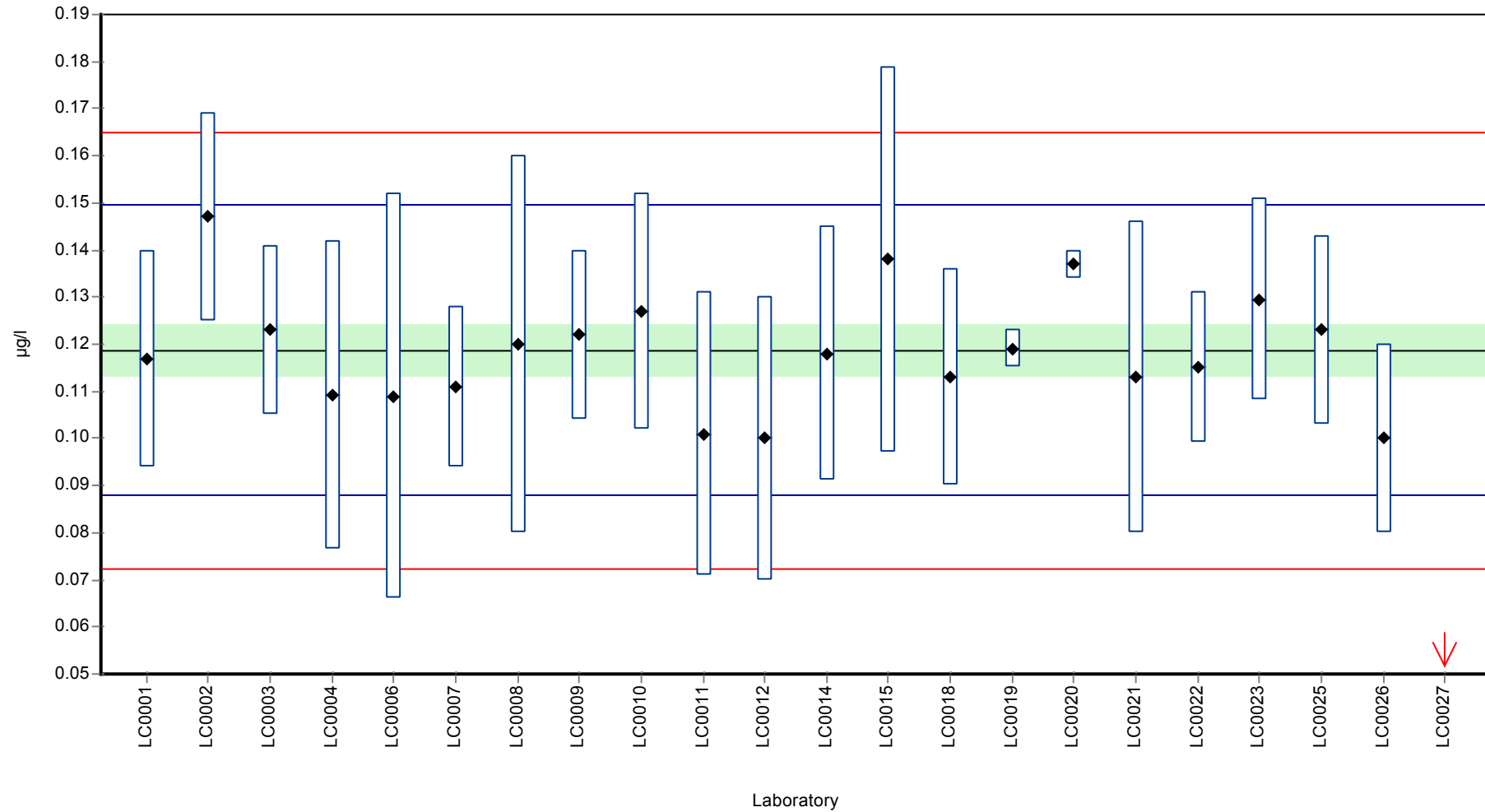
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.117	0.023	98.6	-0.11	
LC0002	0.147	0.022	124	1.84	
LC0003	0.123	0.018	104	0.28	
LC0004	0.1092	0.0328	92	-0.61	
LC0005	-	-	-	-	
LC0006	0.109	0.043	91.9	-0.63	
LC0007	0.111	0.017	93.6	-0.5	
LC0008	0.12	0.04	101	0.09	
LC0009	0.122	0.018	103	0.22	
LC0010	0.127	0.025	107	0.54	
LC0011	0.101	0.03	85.1	-1.14	
LC0012	0.1	0.03	84.3	-1.21	
LC0013	-	-	-	-	
LC0014	0.118	0.027	99.5	-0.04	
LC0015	0.138	0.041	116	1.25	
LC0017	-	-	-	-	
LC0018	0.113	0.023	95.2	-0.37	
LC0019	0.119	0.004	100	0.02	
LC0020	0.137	0.003	115	1.19	
LC0021	0.113	0.033	95.2	-0.37	
LC0022	0.115	0.016	96.9	-0.24	
LC0023	0.1295	0.0215	109	0.7	
LC0024	-	-	-	-	
LC0025	0.123	0.02	104	0.28	
LC0026	0.1	0.02	84.3	-1.21	
LC0027	0.038	0.008	32	-5.23	H

Characteristics of parameter

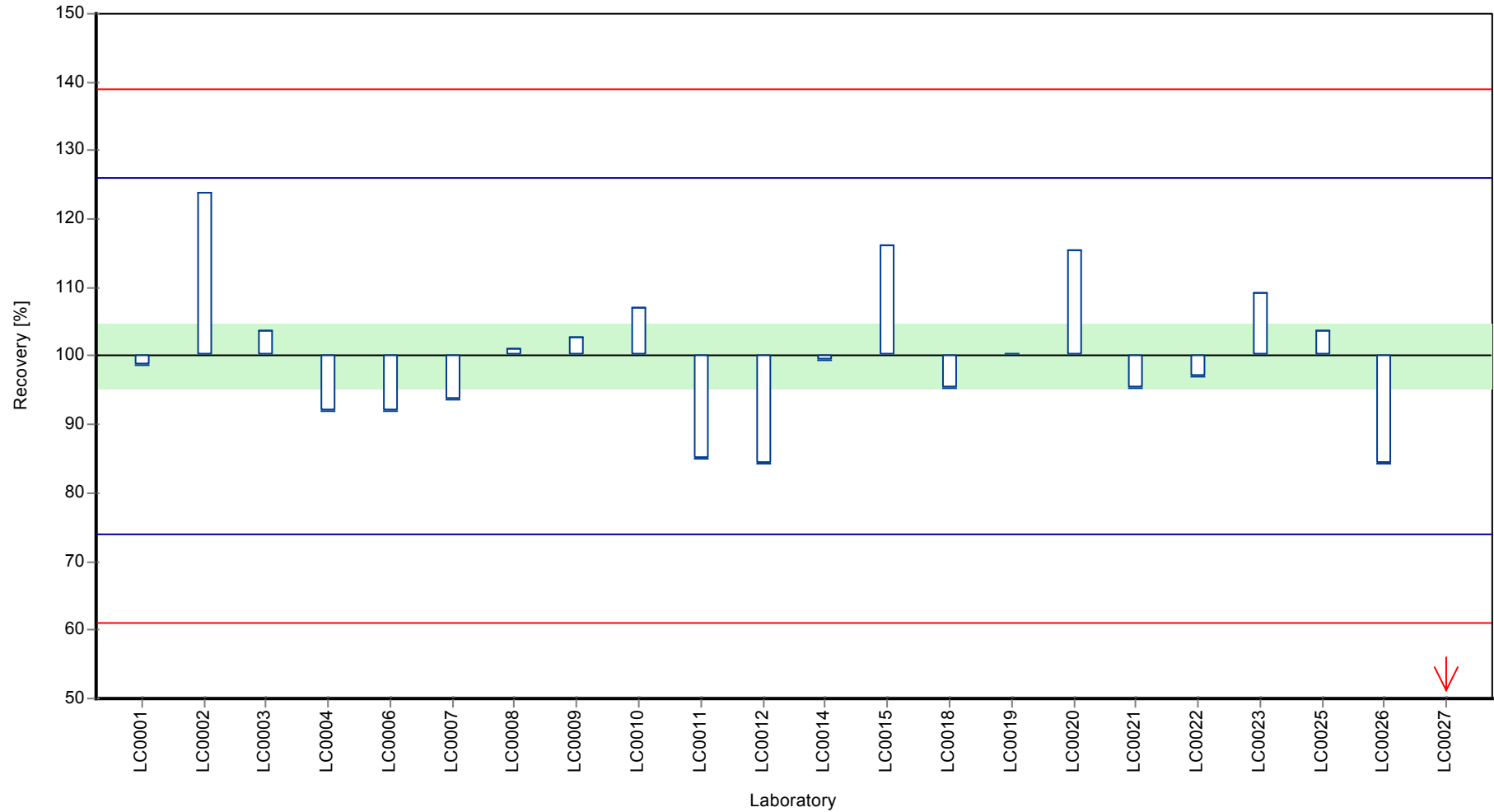
	all results	without outliers	Unit
Mean ± CI (99%)	0.115 ± 0.0135	0.119 ± 0.00813	µg/l
Minimum	0.038	0.1	µg/l
Maximum	0.147	0.147	µg/l
Standard deviation	0.021	0.0124	µg/l
rel. standard deviation	18.3	10.5 %	
n	22	21	-

Graphical presentation of results

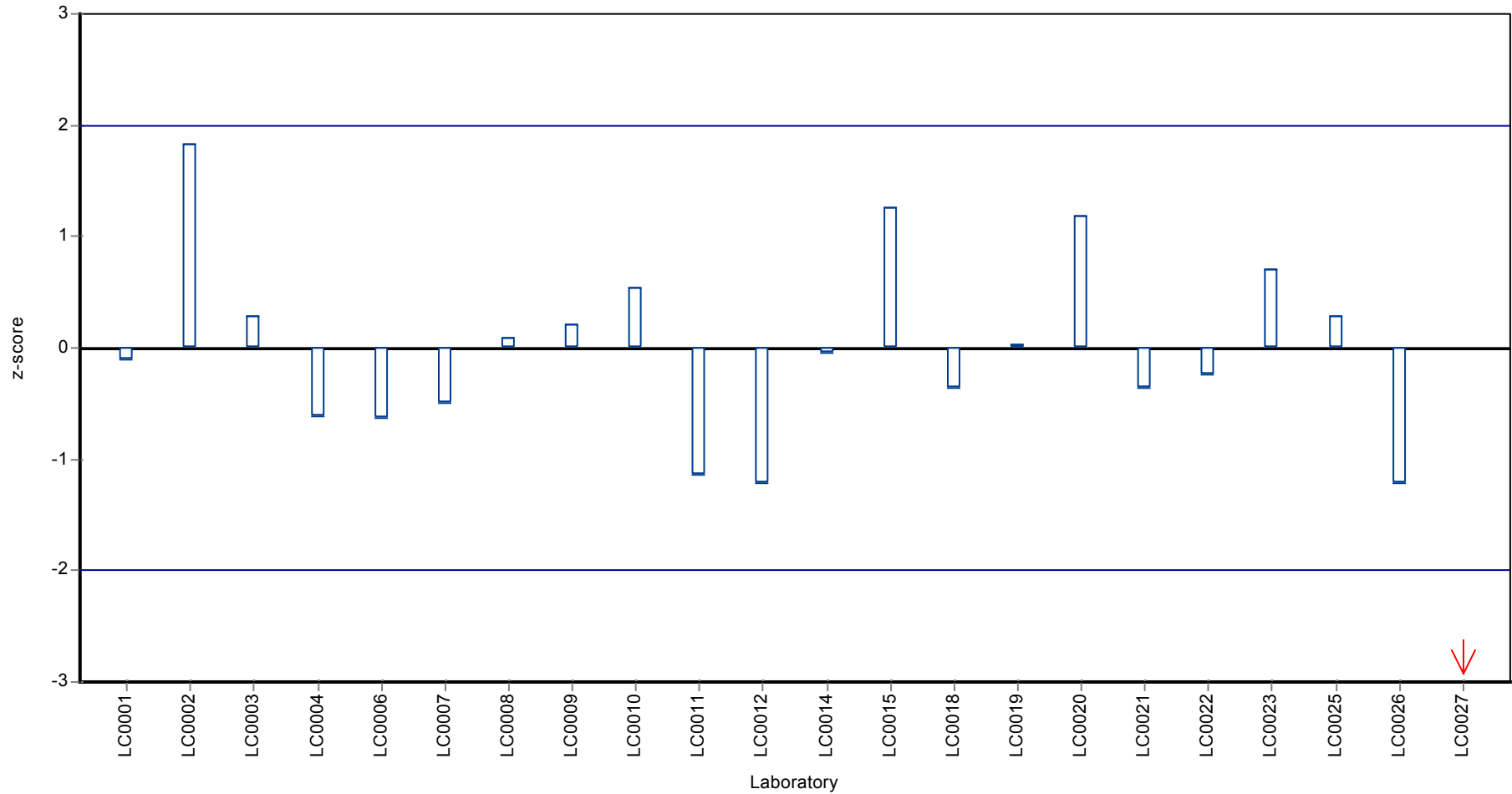
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Chloridazon

Unit	µg/l
Assigned value ± U (k=2)	0.332 ± 0.02
Criterion	0.0447 (13 %)
Minimum - Maximum	0.25 - 0.427
Control test value ± U (k=2)	0.319 ± 0.0479

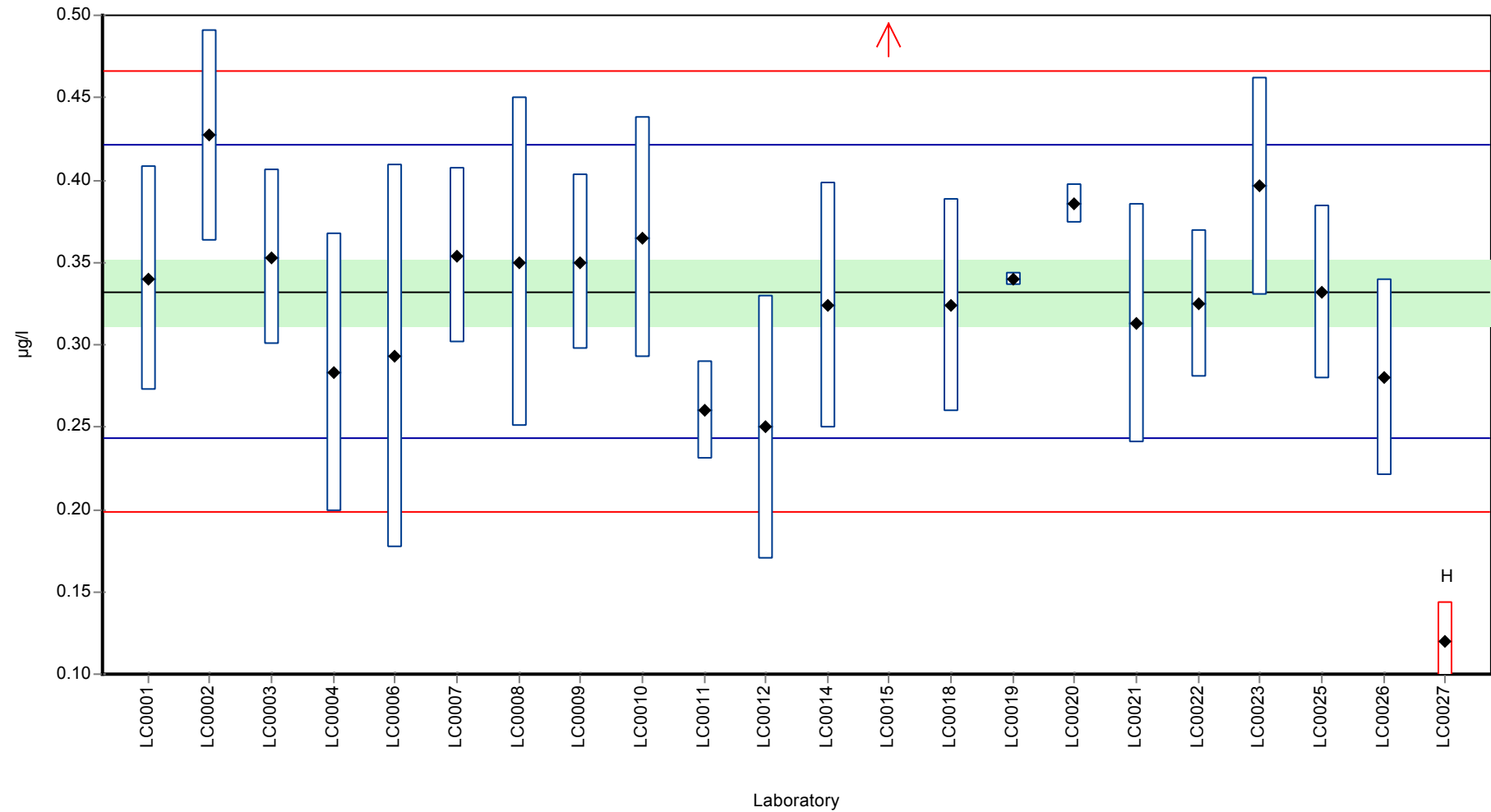
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.34	0.068	102	0.17	
LC0002	0.427	0.064	129	2.12	
LC0003	0.353	0.053	106	0.46	
LC0004	0.2831	0.0849	85.2	-1.1	
LC0005	-	-	-	-	
LC0006	0.293	0.116	88.2	-0.88	
LC0007	0.354	0.053	107	0.49	
LC0008	0.35	0.1	105	0.4	
LC0009	0.35	0.053	105	0.4	
LC0010	0.365	0.073	110	0.73	
LC0011	0.26	0.03	78.3	-1.62	
LC0012	0.25	0.08	75.2	-1.84	
LC0013	-	-	-	-	
LC0014	0.324	0.075	97.5	-0.18	
LC0015	0.525	0.157	158	4.31	H
LC0017	-	-	-	-	
LC0018	0.324	0.065	97.5	-0.18	
LC0019	0.34	0.004	102	0.17	
LC0020	0.386	0.012	116	1.2	
LC0021	0.313	0.073	94.2	-0.43	
LC0022	0.325	0.045	97.8	-0.16	
LC0023	0.3961	0.0658	119	1.43	
LC0024	-	-	-	-	
LC0025	0.332	0.053	99.9	-0.01	
LC0026	0.28	0.06	84.3	-1.17	
LC0027	0.12	0.024	36.1	-4.75	H

Characteristics of parameter

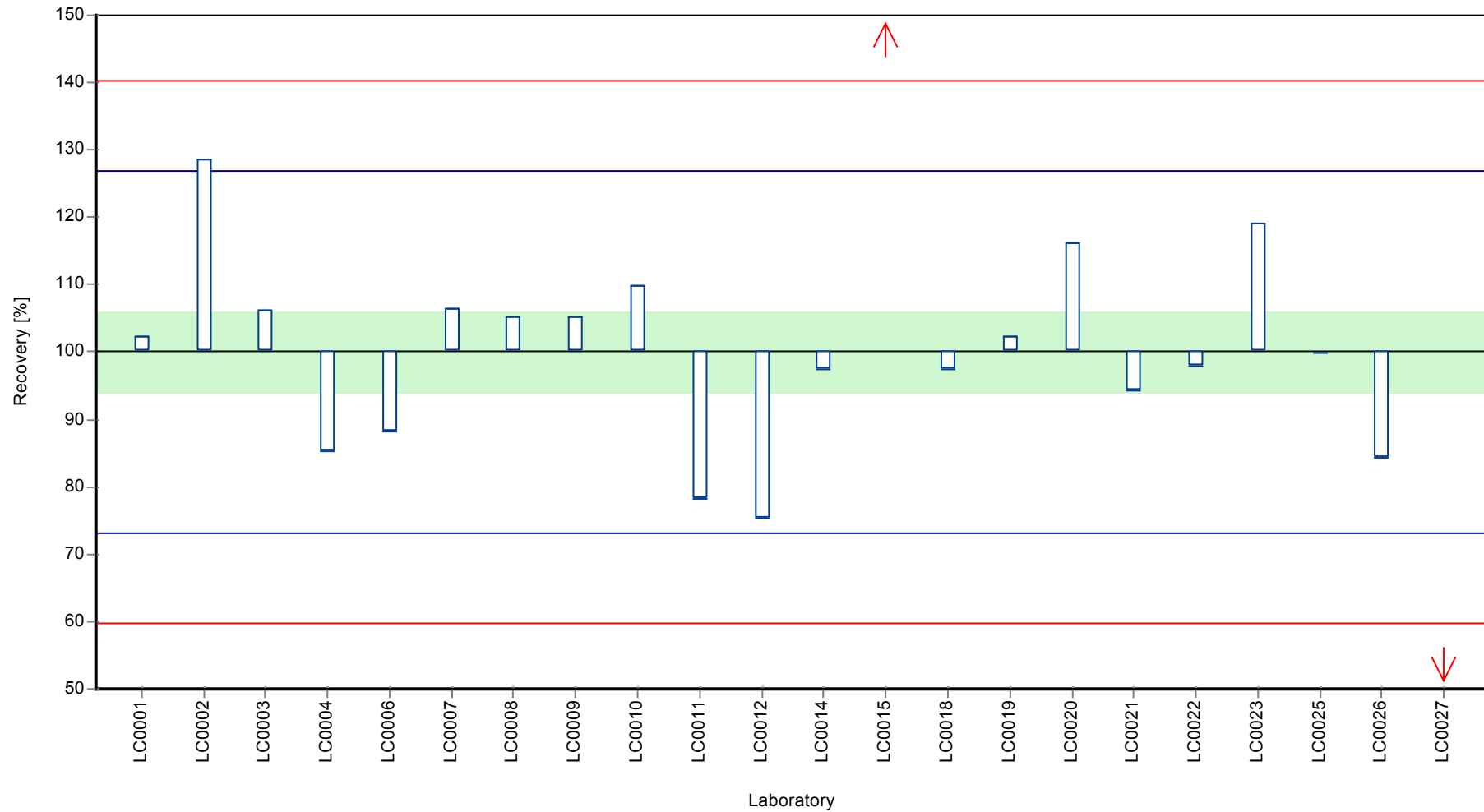
	all results	without outliers	Unit
Mean ± CI (99%)	0.331 ± 0.0484	0.332 ± 0.03	µg/l
Minimum	0.12	0.25	µg/l
Maximum	0.525	0.427	µg/l
Standard deviation	0.0756	0.0447	µg/l
rel. standard deviation	22.8	13.4	%
n	22	20	-

Graphical presentation of results

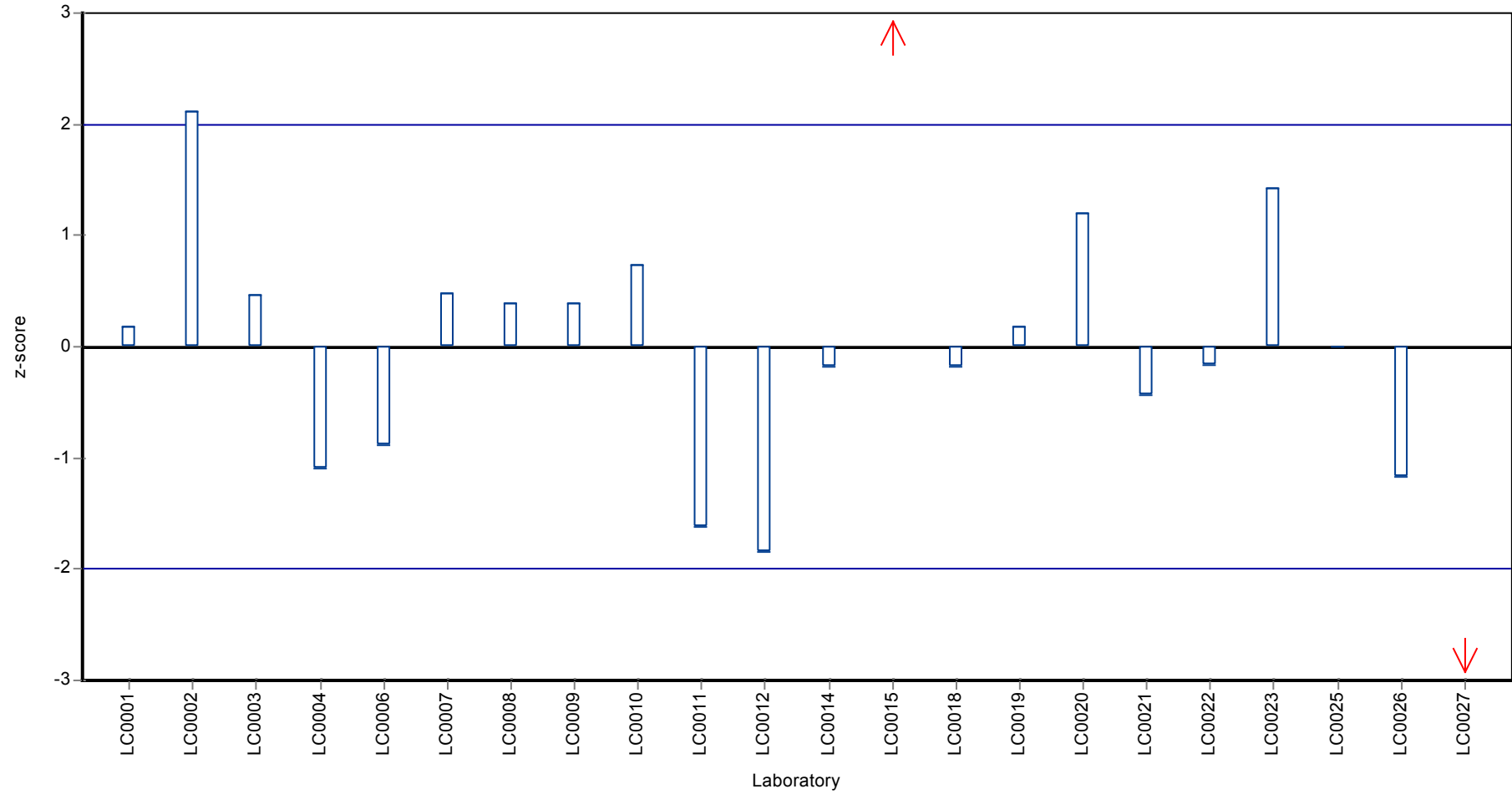
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Chloridazon-desphenyl

Unit	µg/l
Assigned value ± U (k=2)	0.504 ± 0.0229
Criterion	0.0554 (11 %)
Minimum - Maximum	0.413 - 0.59
Control test value ± U (k=2)	0.463 ± 0.0694

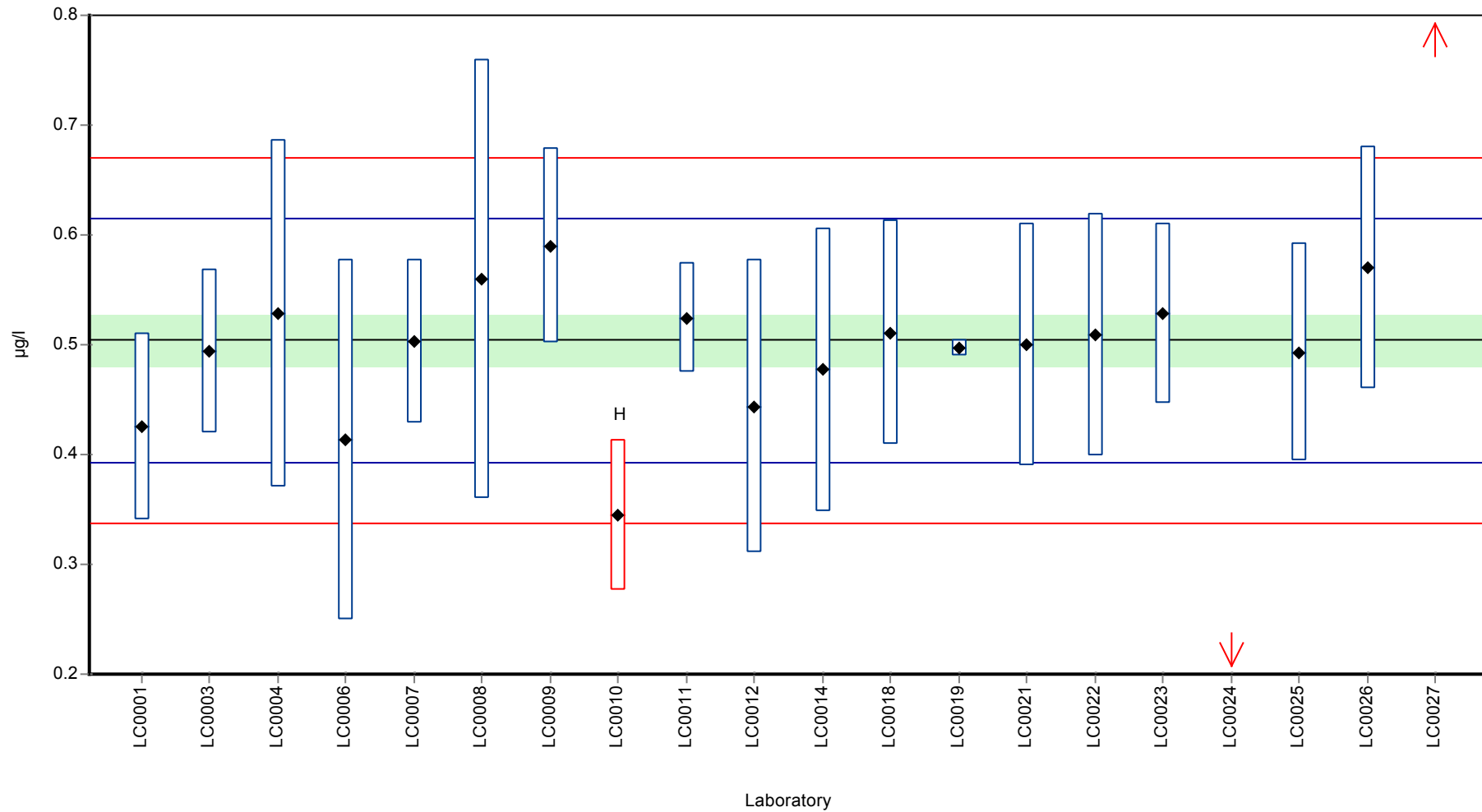
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.425	0.085	84.3	-1.42	
LC0002	-	-	-	-	
LC0003	0.494	0.074	98	-0.18	
LC0004	0.528	0.1584	105	0.43	
LC0005	-	-	-	-	
LC0006	0.413	0.164	82	-1.64	
LC0007	0.503	0.075	99.8	-0.02	
LC0008	0.56	0.2	111	1.01	
LC0009	0.59	0.089	117	1.55	
LC0010	0.345	0.069	68.5	-2.87	H
LC0011	0.524	0.05	104	0.36	
LC0012	0.444	0.133	88.1	-1.08	
LC0013	-	-	-	-	
LC0014	0.477	0.129	94.7	-0.49	
LC0015	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.511	0.102	101	0.13	
LC0019	0.497	0.008	98.6	-0.13	
LC0020	-	-	-	-	
LC0021	0.5	0.11	99.2	-0.07	
LC0022	0.509	0.111	101	0.09	
LC0023	0.5289	0.0822	105	0.45	
LC0024	0.148	0.035	29.4	-6.42	H
LC0025	0.493	0.099	97.8	-0.2	
LC0026	0.57	0.11	113	1.19	
LC0027	7.21	1.44	1430	121	H

Characteristics of parameter

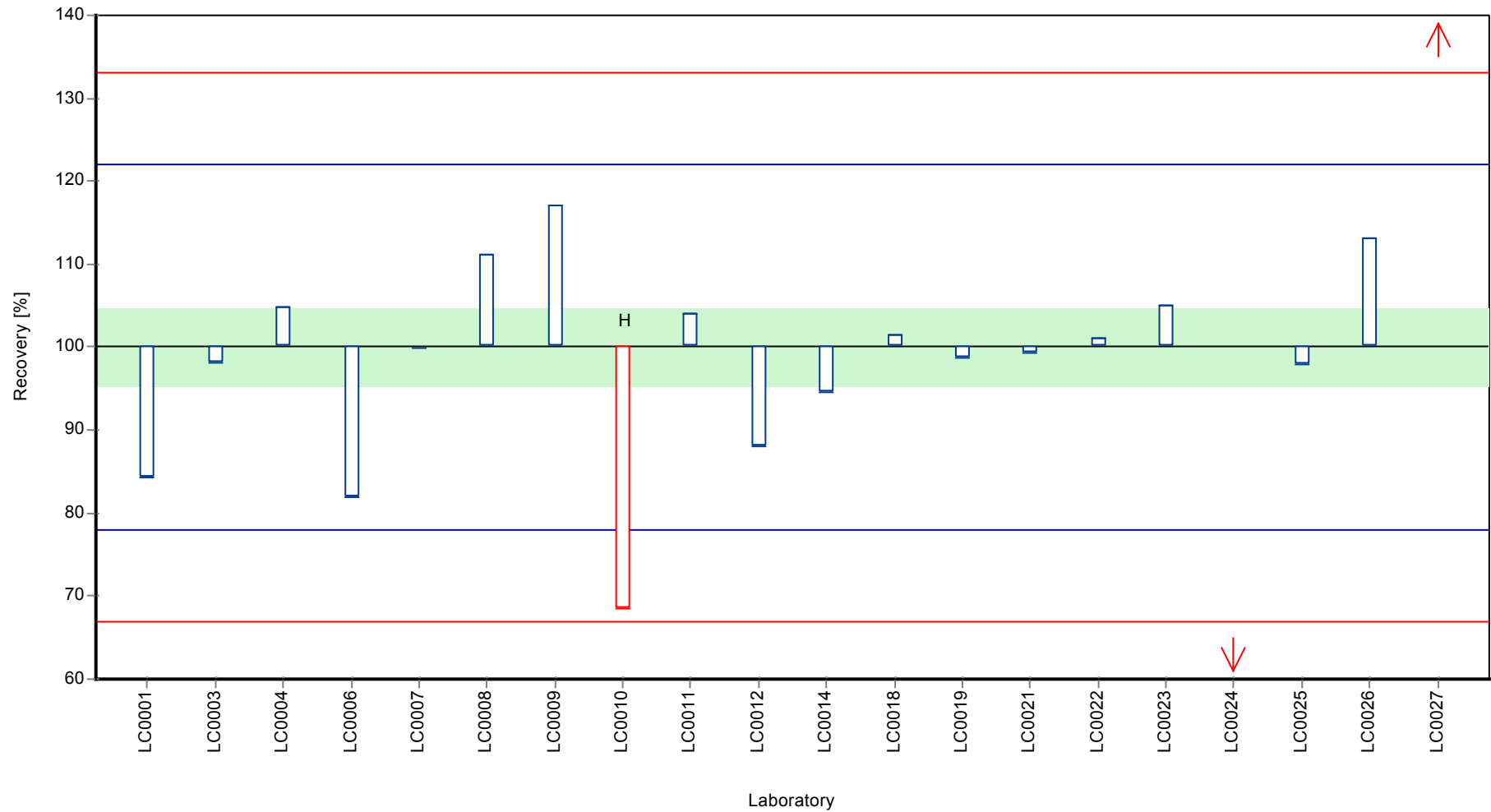
	all results	without outliers	Unit
Mean ± CI (99%)	0.813 ± 1.01	0.504 ± 0.0344	µg/l
Minimum	0.148	0.413	µg/l
Maximum	7.21	0.59	µg/l
Standard deviation	1.51	0.0472	µg/l
rel. standard deviation	185	9.37	%
n	20	17	-

Graphical presentation of results

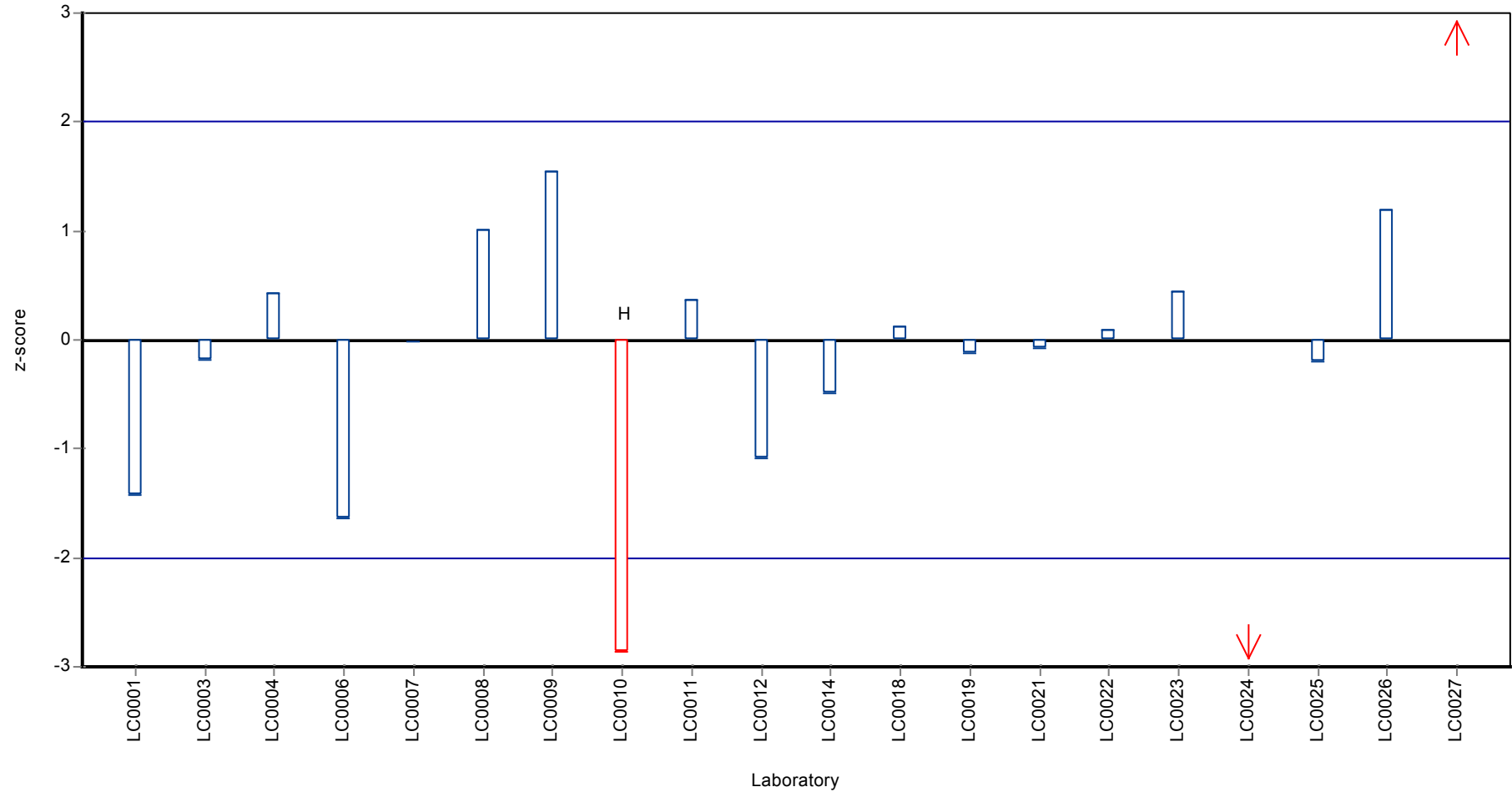
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Chloridazon-desphenyl

Unit	µg/l
Assigned value ± U (k=2)	0.245 ± 0.0107
Criterion	0.027 (11 %)
Minimum - Maximum	0.197 - 0.285
Control test value ± U (k=2)	0.217 ± 0.0326

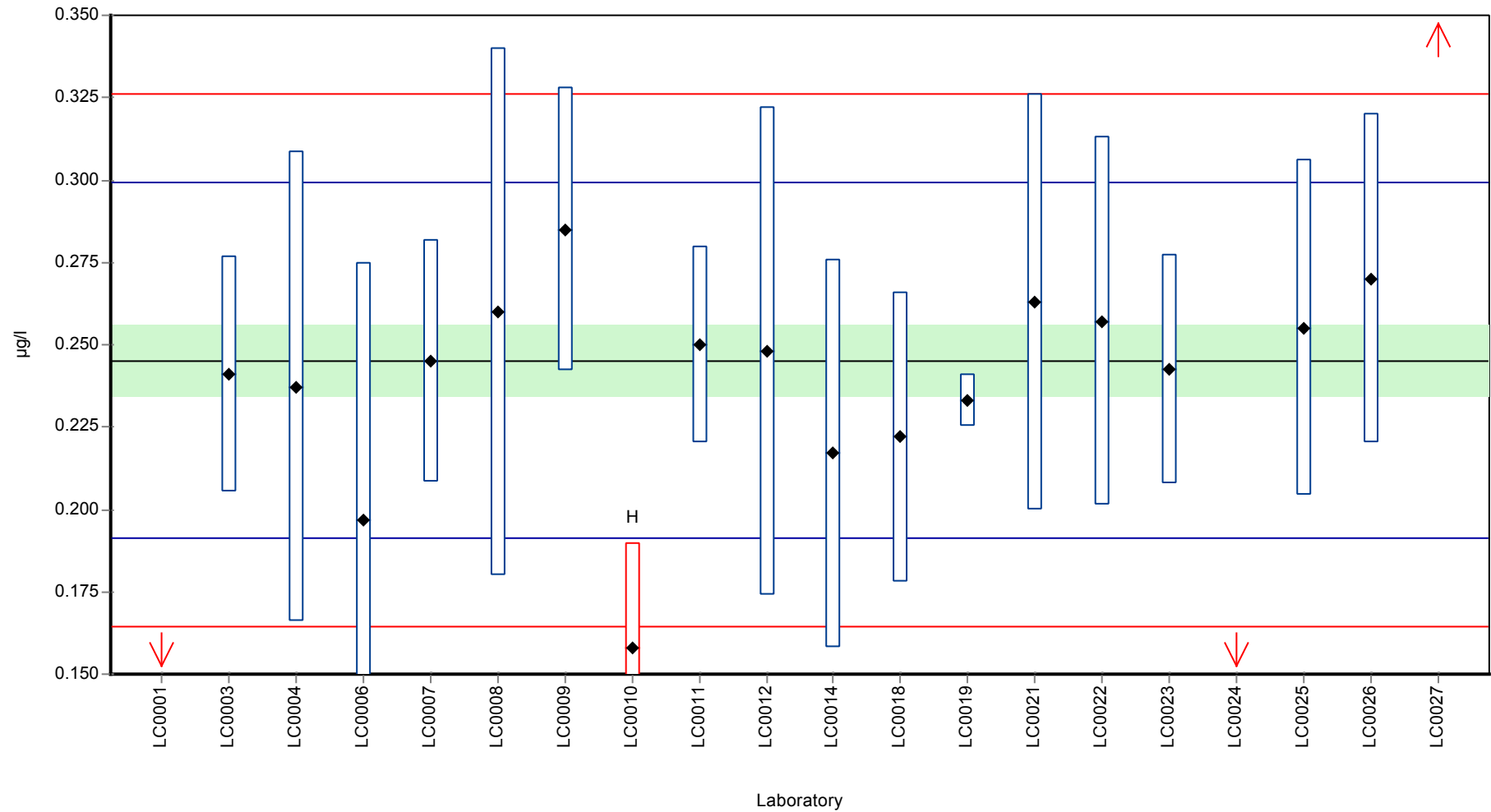
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.123	0.025	50.2	-4.53	H
LC0002	-	-	-	-	
LC0003	0.241	0.036	98.3	-0.15	
LC0004	0.2373	0.0712	96.8	-0.29	
LC0005	-	-	-	-	
LC0006	0.197	0.078	80.4	-1.79	
LC0007	0.245	0.037	99.9	-0.01	
LC0008	0.26	0.08	106	0.55	
LC0009	0.285	0.043	116	1.48	
LC0010	0.158	0.032	64.4	-3.23	H
LC0011	0.25	0.03	102	0.18	
LC0012	0.248	0.074	101	0.1	
LC0013	-	-	-	-	
LC0014	0.217	0.059	88.5	-1.04	
LC0015	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.222	0.044	90.5	-0.86	
LC0019	0.233	0.008	95	-0.45	
LC0020	-	-	-	-	
LC0021	0.263	0.063	107	0.66	
LC0022	0.257	0.056	105	0.44	
LC0023	0.2425	0.0349	98.9	-0.1	
LC0024	0.03	0.007	12.2	-7.98	H
LC0025	0.255	0.051	104	0.36	
LC0026	0.27	0.05	110	0.92	
LC0027	2.6	0.52	1060	87.3	H

Characteristics of parameter

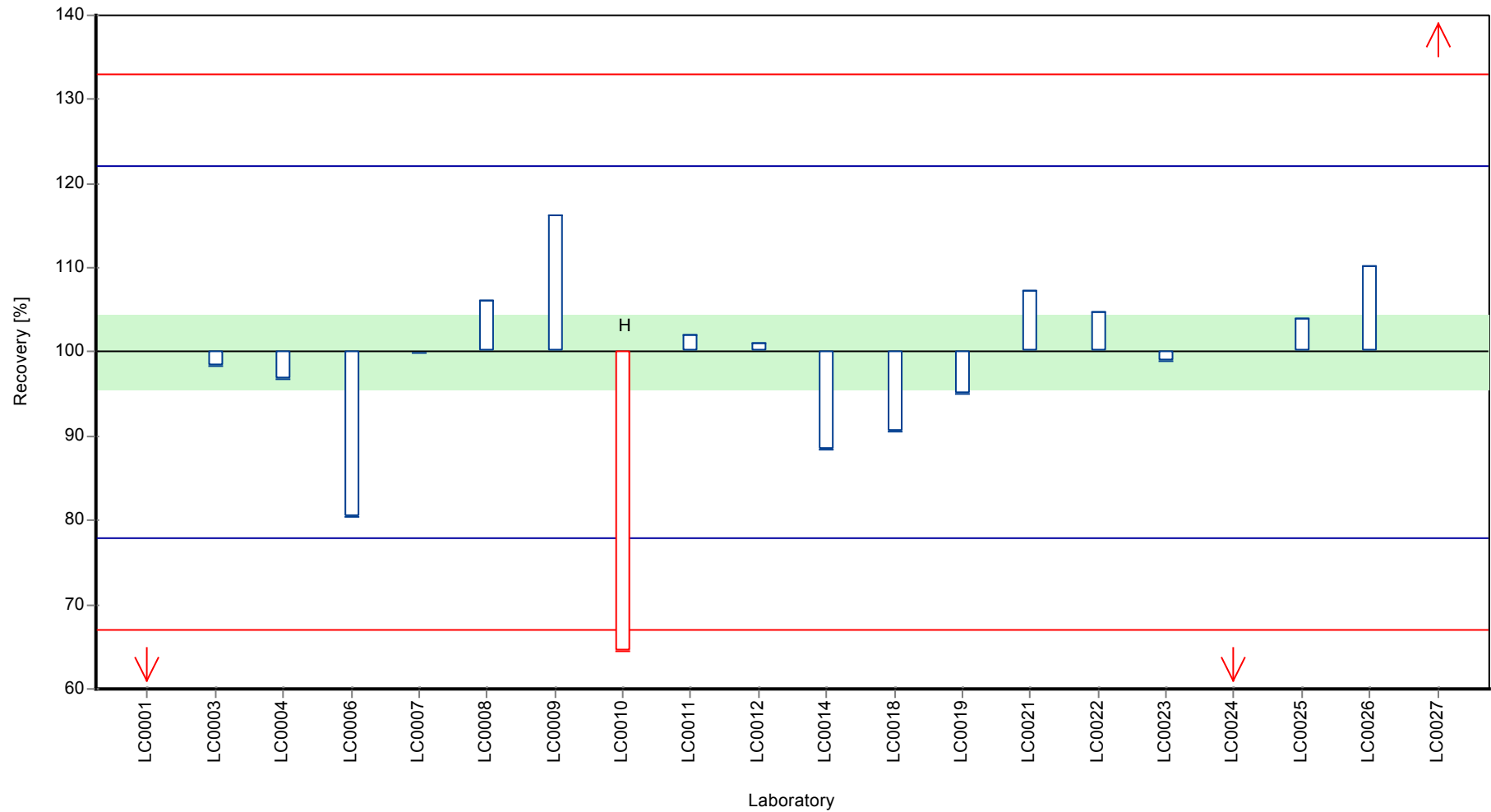
	all results	without outliers	Unit
Mean ± CI (99%)	0.342 ± 0.359	0.245 ± 0.0161	µg/l
Minimum	0.03	0.197	µg/l
Maximum	2.6	0.285	µg/l
Standard deviation	0.535	0.0214	µg/l
rel. standard deviation	157	8.74	%
n	20	16	-

Graphical presentation of results

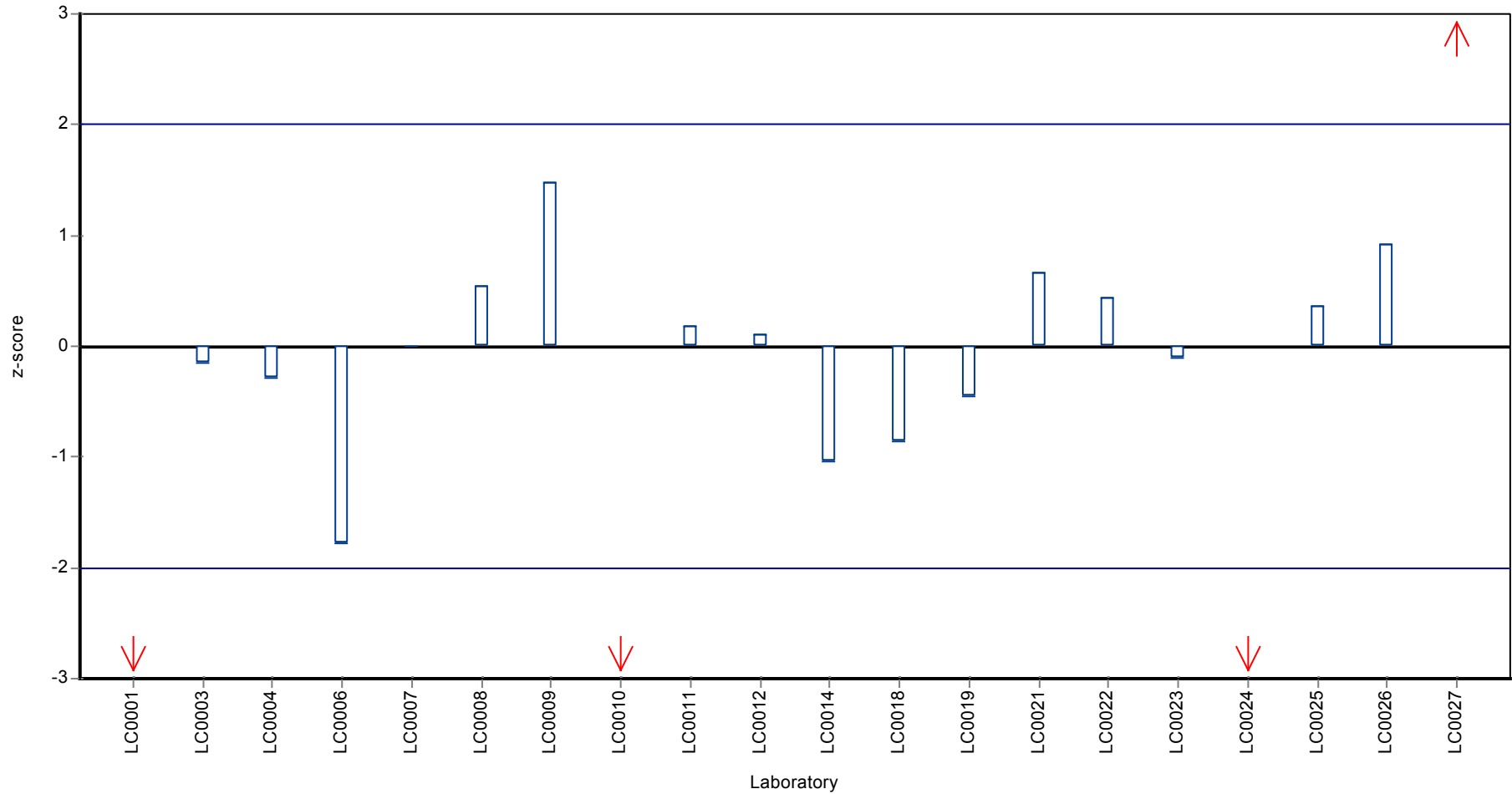
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Chloridazon-methyl-desphenyl

Unit	µg/l
Assigned value ± U (k=2)	0.0971 ± 0.00392
Criterion	0.0165 (17 %)
Minimum - Maximum	0.08 - 0.113
Control test value ± U (k=2)	0.106 ± 0.016

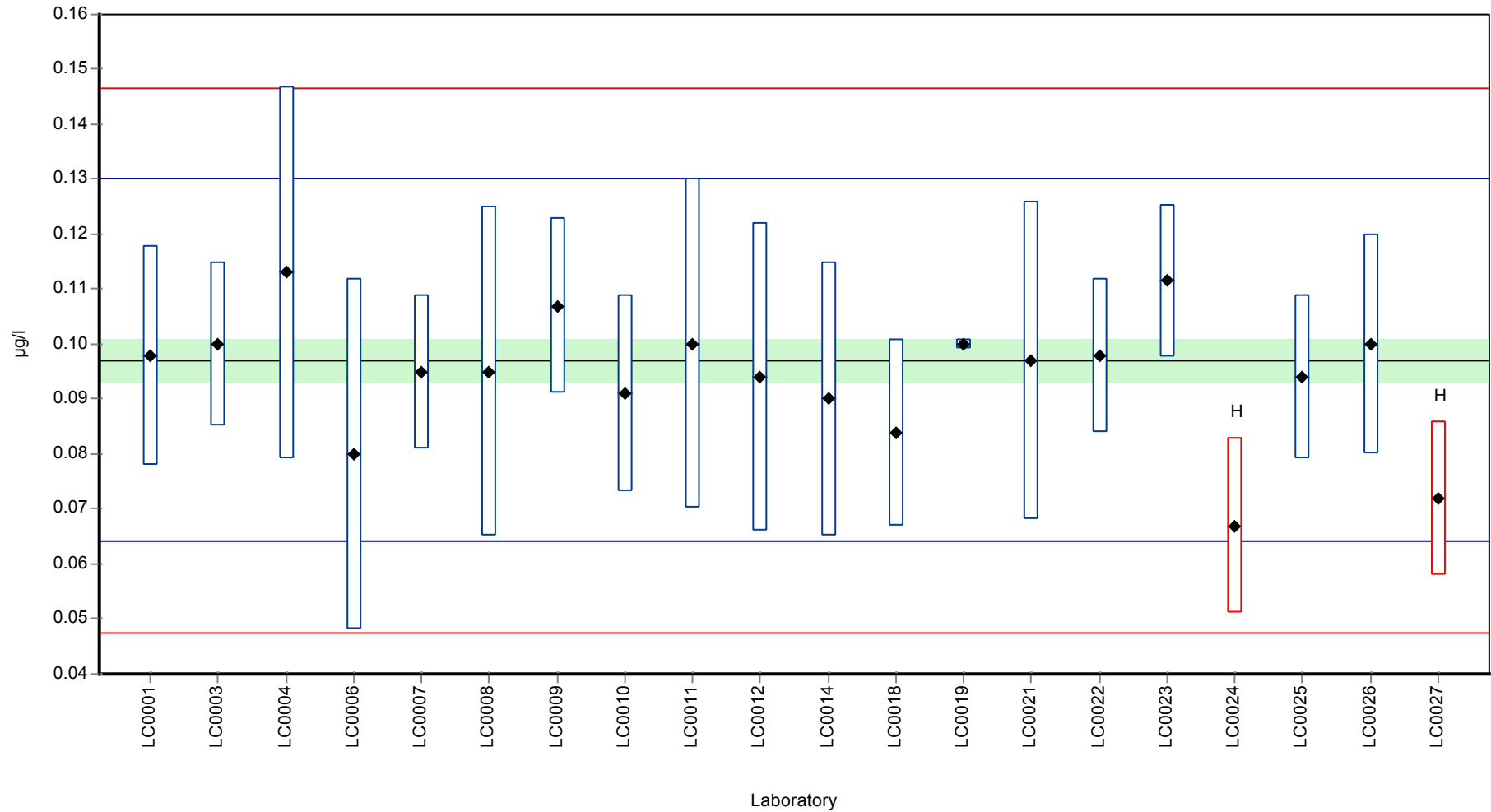
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.098	0.02	101	0.06	
LC0002	-	-	-	-	
LC0003	0.1	0.015	103	0.18	
LC0004	0.1131	0.0339	116	0.97	
LC0005	-	-	-	-	
LC0006	0.08	0.032	82.4	-1.04	
LC0007	0.095	0.014	97.8	-0.13	
LC0008	0.095	0.03	97.8	-0.13	
LC0009	0.107	0.016	110	0.6	
LC0010	0.091	0.018	93.7	-0.37	
LC0011	0.1	0.03	103	0.18	
LC0012	0.094	0.028	96.8	-0.19	
LC0013	-	-	-	-	
LC0014	0.09	0.025	92.7	-0.43	
LC0015	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.084	0.017	86.5	-0.79	
LC0019	0.1	0.001	103	0.18	
LC0020	-	-	-	-	
LC0021	0.097	0.029	99.9	-0.01	
LC0022	0.098	0.014	101	0.06	
LC0023	0.1115	0.014	115	0.87	
LC0024	0.067	0.016	69	-1.82	H
LC0025	0.094	0.015	96.8	-0.19	
LC0026	0.1	0.02	103	0.18	
LC0027	0.072	0.014	74.2	-1.52	H

Characteristics of parameter

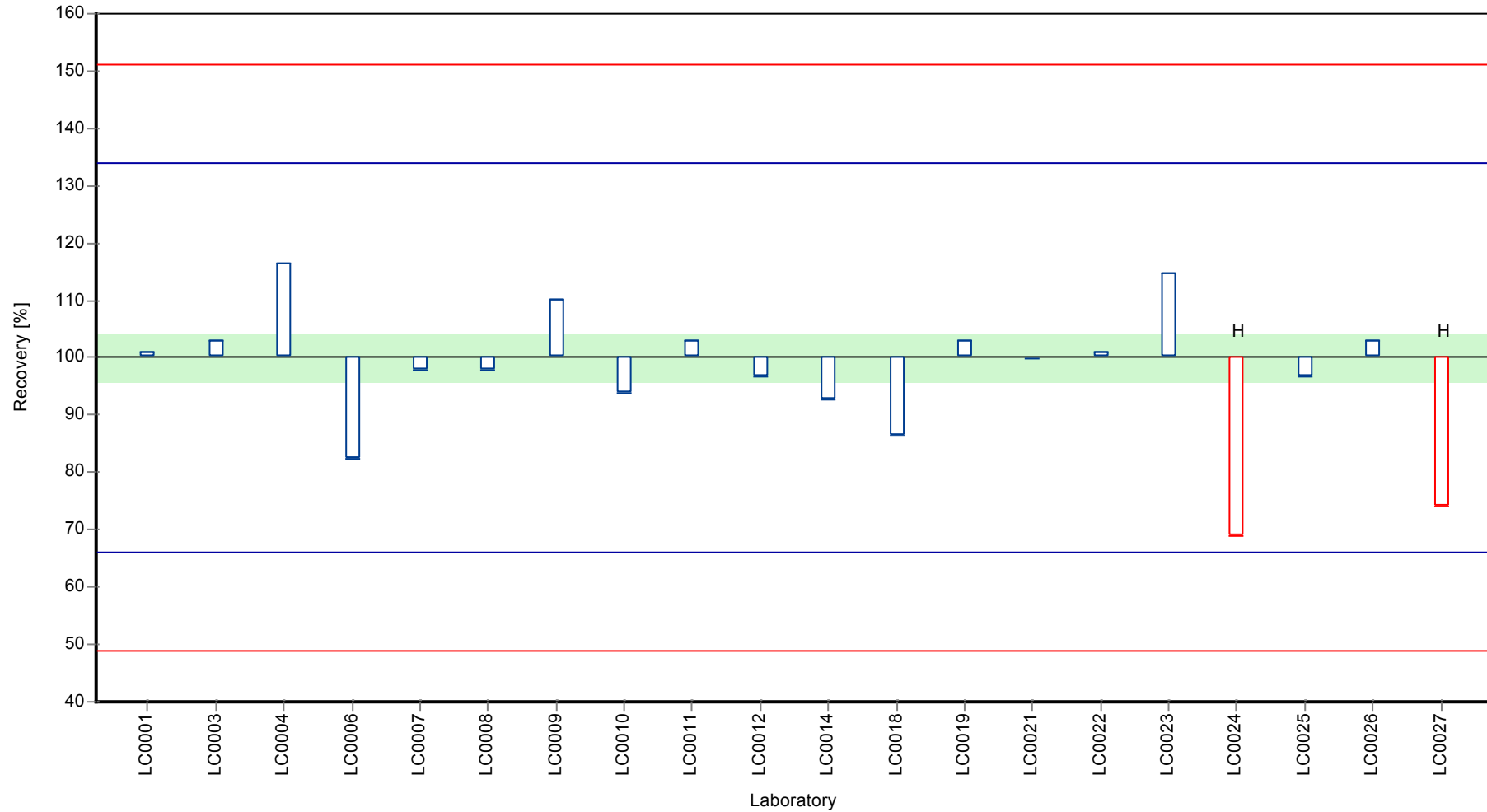
	all results	without outliers	Unit
Mean ± CI (99%)	0.0943 ± 0.00778	0.0971 ± 0.00588	µg/l
Minimum	0.067	0.08	µg/l
Maximum	0.113	0.113	µg/l
Standard deviation	0.0116	0.00832	µg/l
rel. standard deviation	12.3	8.57 %	
n	20	18	-

Graphical presentation of results

Results



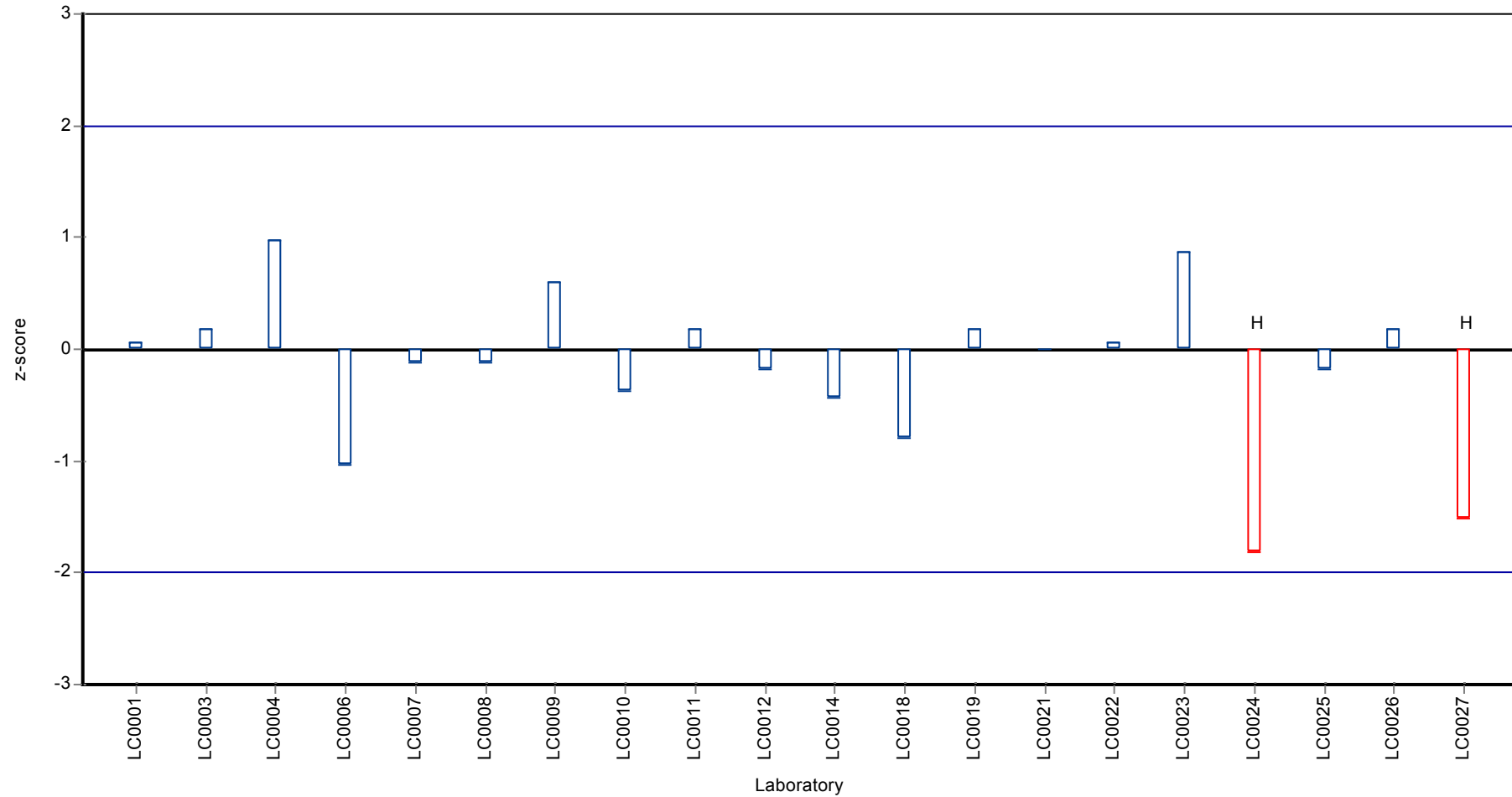
Recovery rate



Parameter oriented report Pesticides H103

Sample: H103A, Parameter: Chloridazon-methyl-desphenyl

Z-score



Parameter oriented report

H103 B

Chloridazon-methyl-desphenyl

Unit	µg/l
Assigned value ± U (k=2)	0.0195 ± 0.00367
Criterion	0.0064 (33 %)
Minimum - Maximum	0.01 - 0.034
Control test value ± U (k=2)	<0.025 (NG)

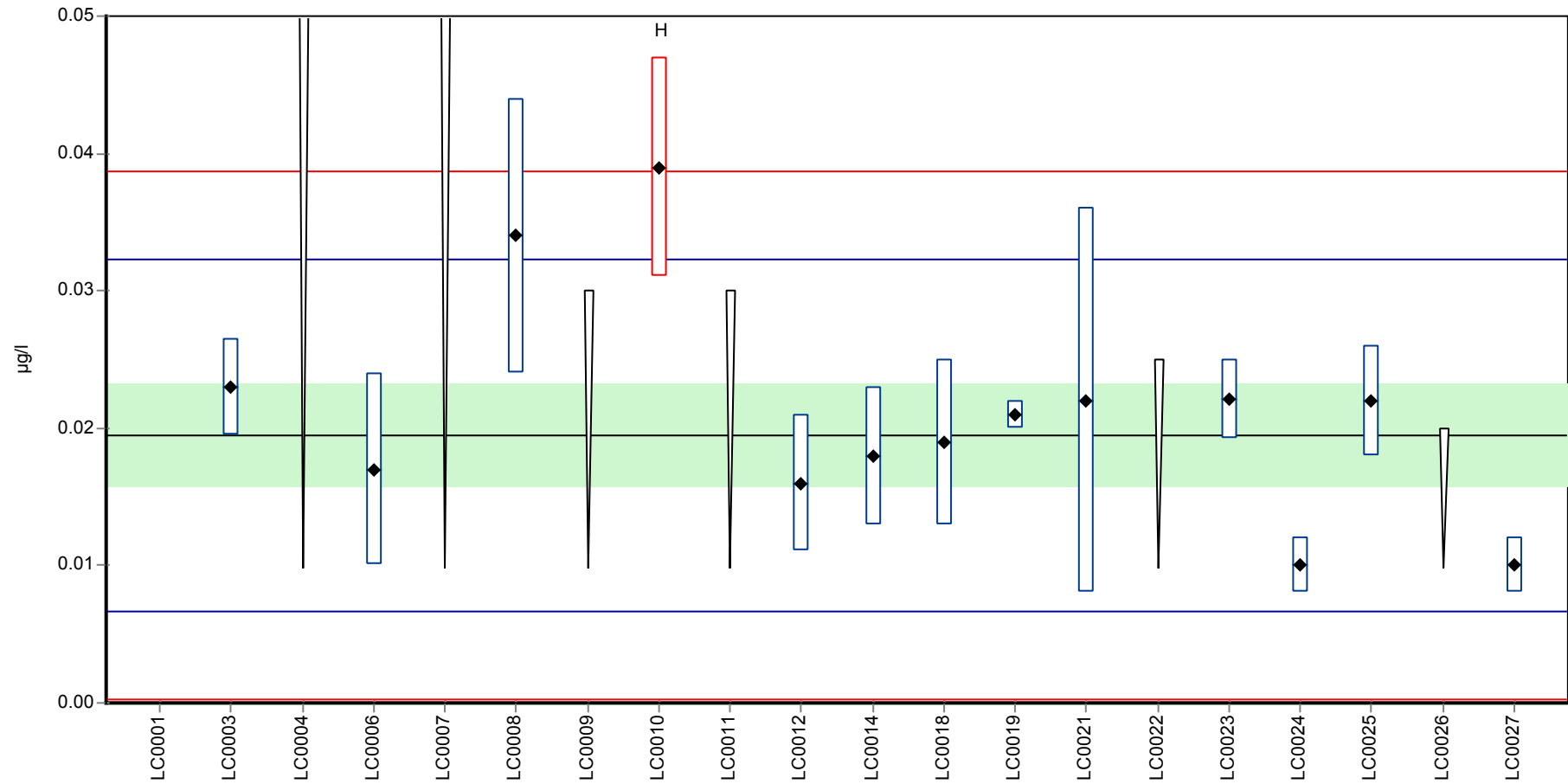
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.1 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	0.023	0.0035	118	0.55	
LC0004	< 0.05 (LOQ)	-	-	-	
LC0005	-	-	-	-	
LC0006	0.017	0.007	87.1	-0.39	
LC0007	< 0.05 (LOQ)	-	-	-	
LC0008	0.034	0.01	174	2.26	
LC0009	< 0.03 (LOQ)	-	-	-	
LC0010	0.039	0.008	200	3.05	H
LC0011	< 0.03 (LOQ)	-	-	-	
LC0012	0.016	0.005	82	-0.55	
LC0013	-	-	-	-	
LC0014	0.018	0.005	92.3	-0.24	
LC0015	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.019	0.006	97.4	-0.08	
LC0019	0.021	0.001	108	0.23	
LC0020	-	-	-	-	
LC0021	0.022	0.014	113	0.39	
LC0022	< 0.025 (LOQ)	-	-	-	
LC0023	0.0221	0.0029	113	0.41	
LC0024	0.01	0.002	51.3	-1.49	
LC0025	0.022	0.004	113	0.39	
LC0026	< 0.02 (LOQ)	-	-	-	
LC0027	0.01	0.002	51.3	-1.49	

Characteristics of parameter

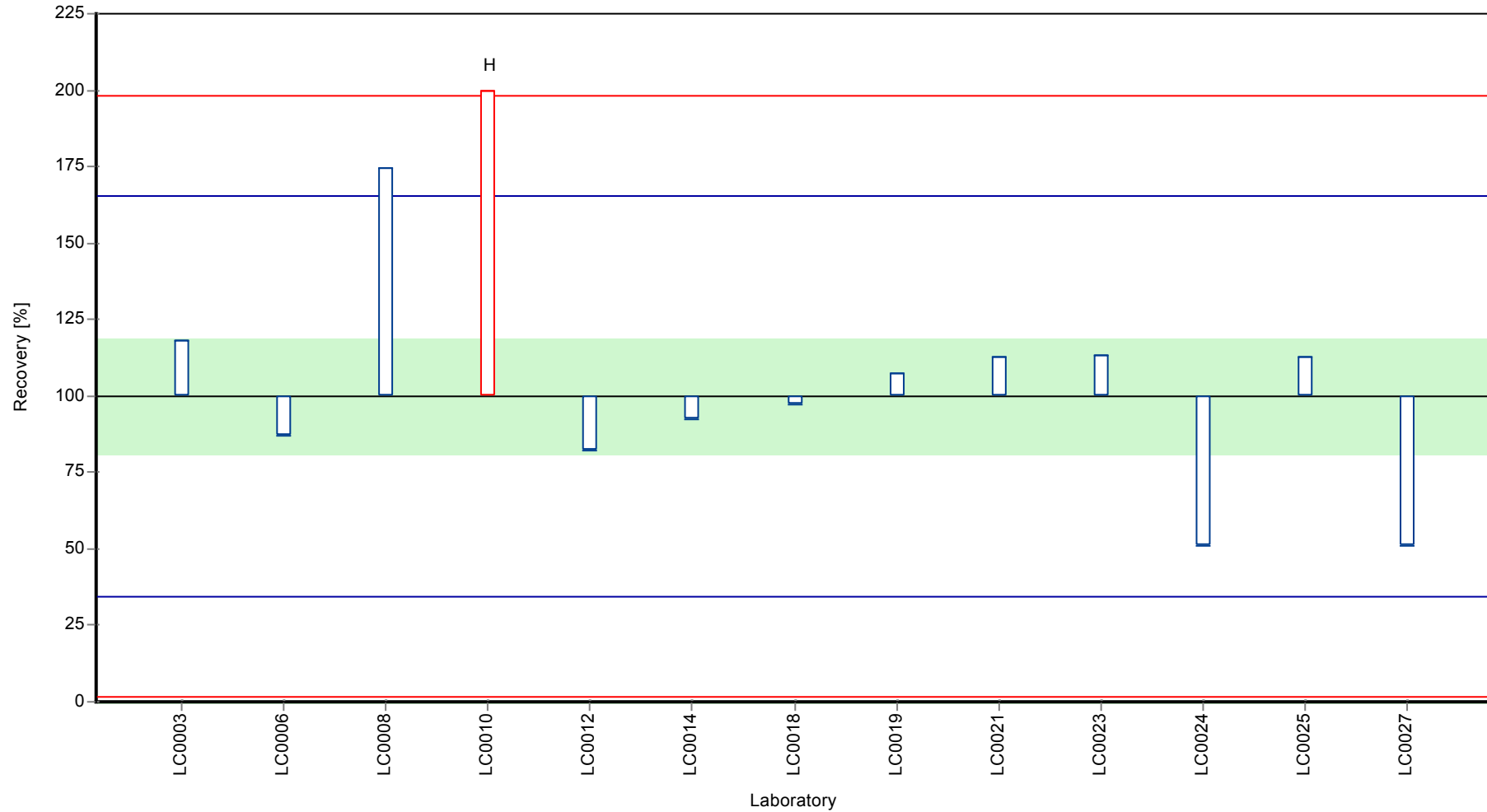
	all results	without outliers	Unit
Mean ± CI (99%)	0.021 ± 0.00678	0.0195 ± 0.00551	µg/l
Minimum	0.01	0.01	µg/l
Maximum	0.039	0.034	µg/l
Standard deviation	0.00815	0.00636	µg/l
rel. standard deviation	38.8	32.6 %	
n	13	12	-

Graphical presentation of results

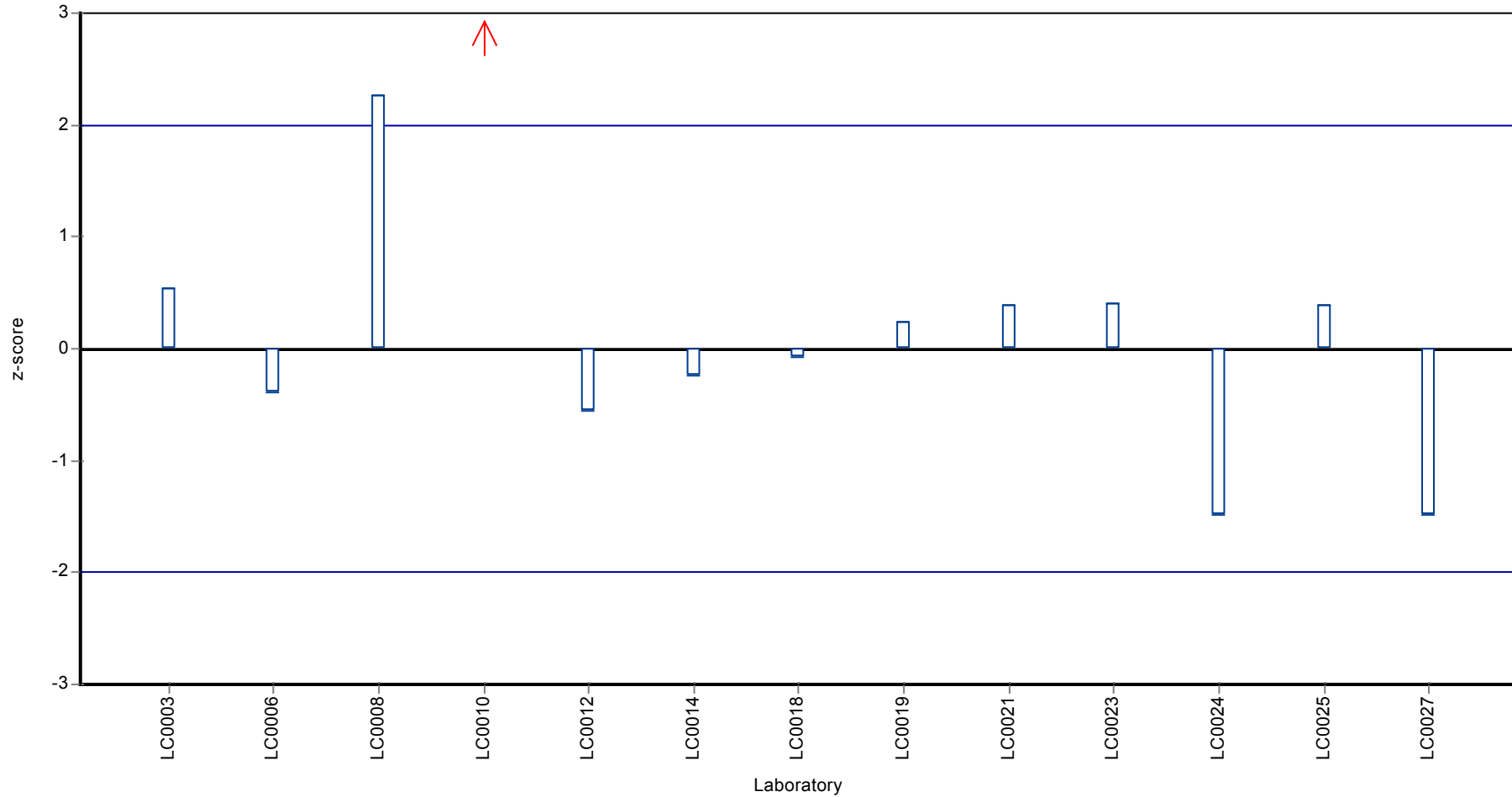
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Clopyralid

Unit	µg/l
Assigned value ± U (k=2)	0.277 ± 0.101
Criterion	0.0748 (27 %)
Minimum - Maximum	0.0727 - 0.484
Control test value ± U (k=2)	0.252 ± 0.0377

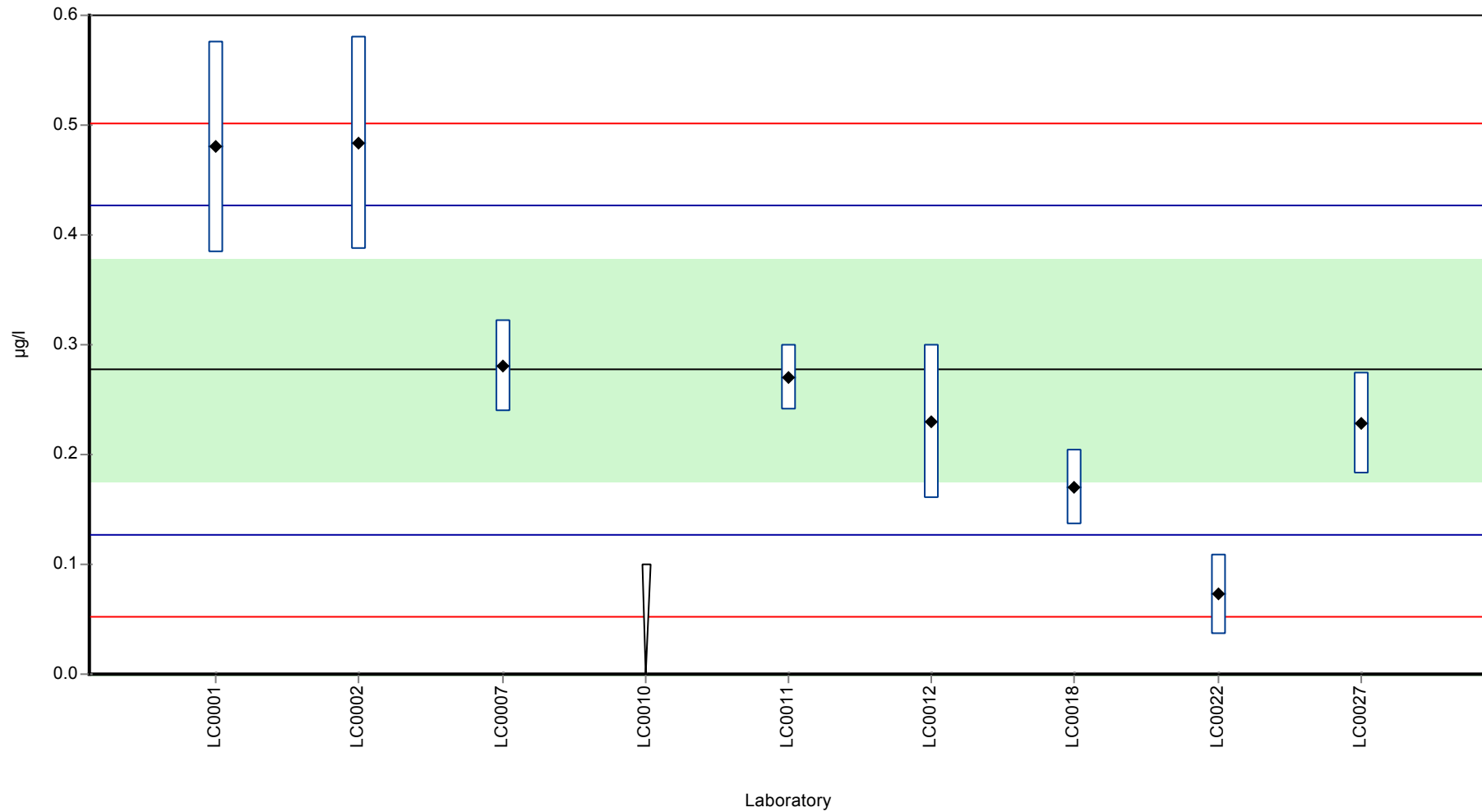
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.48	0.096	173	2.71	
LC0002	0.484	0.097	175	2.77	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.281	0.042	101	0.05	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.1 (LOQ)	-	-	-	
LC0011	0.27	0.03	97.5	-0.09	
LC0012	0.23	0.07	83	-0.63	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.17	0.034	61.4	-1.43	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.0727	0.037	26.2	-2.73	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.228	0.046	82.3	-0.66	

Characteristics of parameter

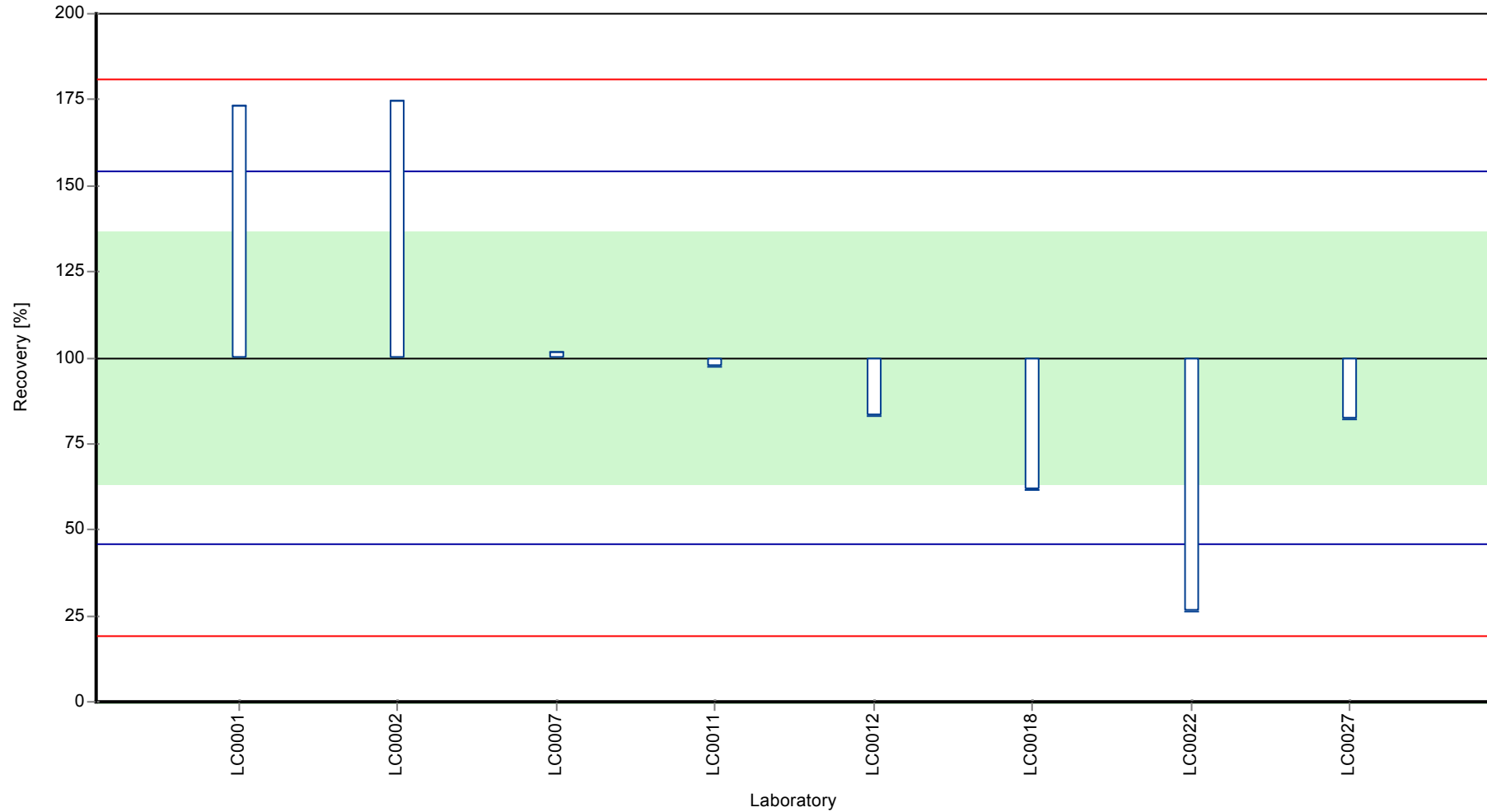
	all results	without outliers	Unit
Mean ± CI (99%)	0.277 ± 0.151	0.277 ± 0.151	µg/l
Minimum	0.0727	0.0727	µg/l
Maximum	0.484	0.484	µg/l
Standard deviation	0.142	0.142	µg/l
rel. standard deviation	51.4	51.4	%
n	8	8	-

Graphical presentation of results

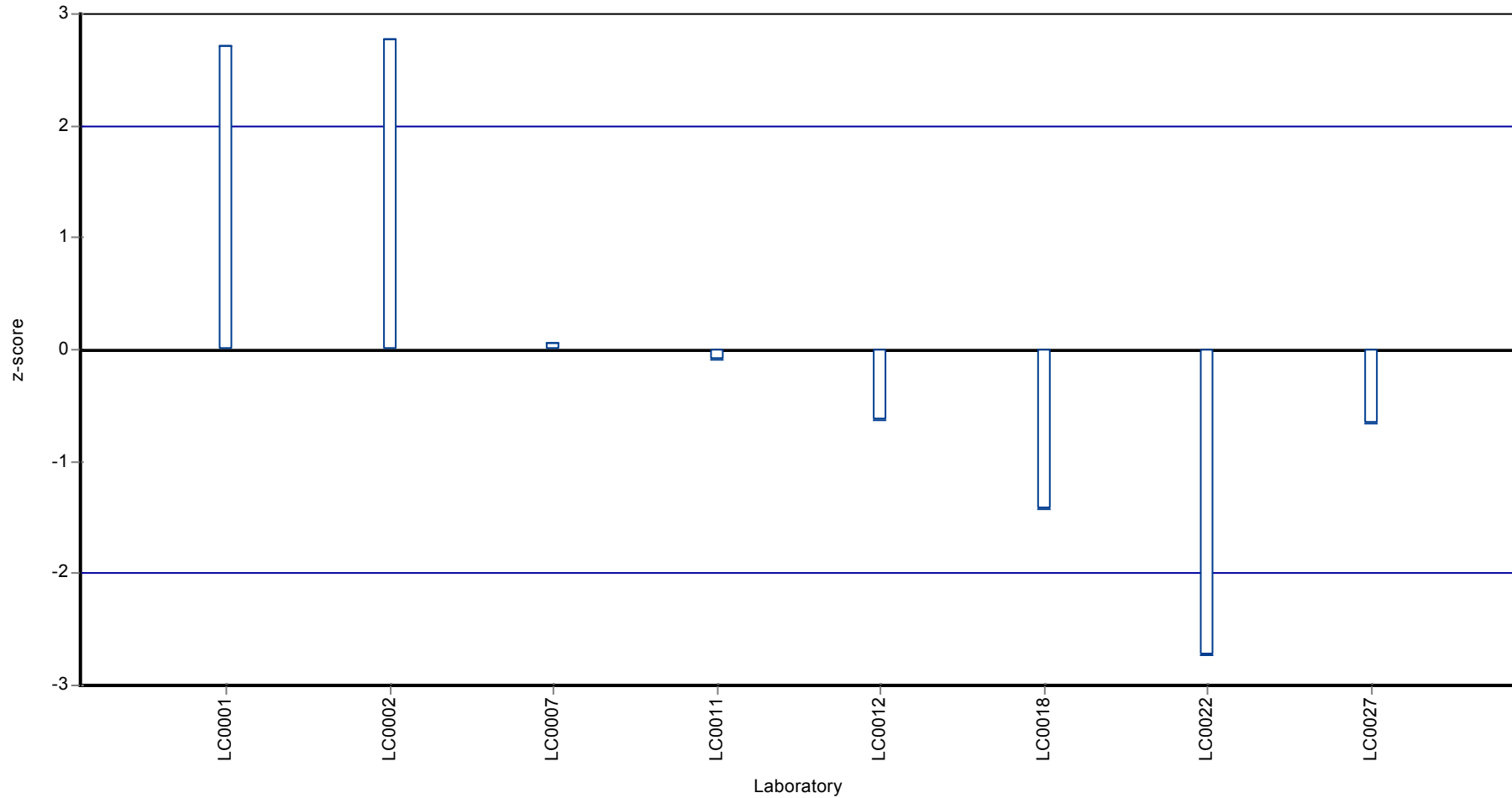
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Clopyralid

Unit	µg/l
Assigned value ± U (k=2)	0.575 ± 0.191
Criterion	0.155 (27 %)
Minimum - Maximum	0.205 - 1.03
Control test value ± U (k=2)	0.496 ± 0.0744

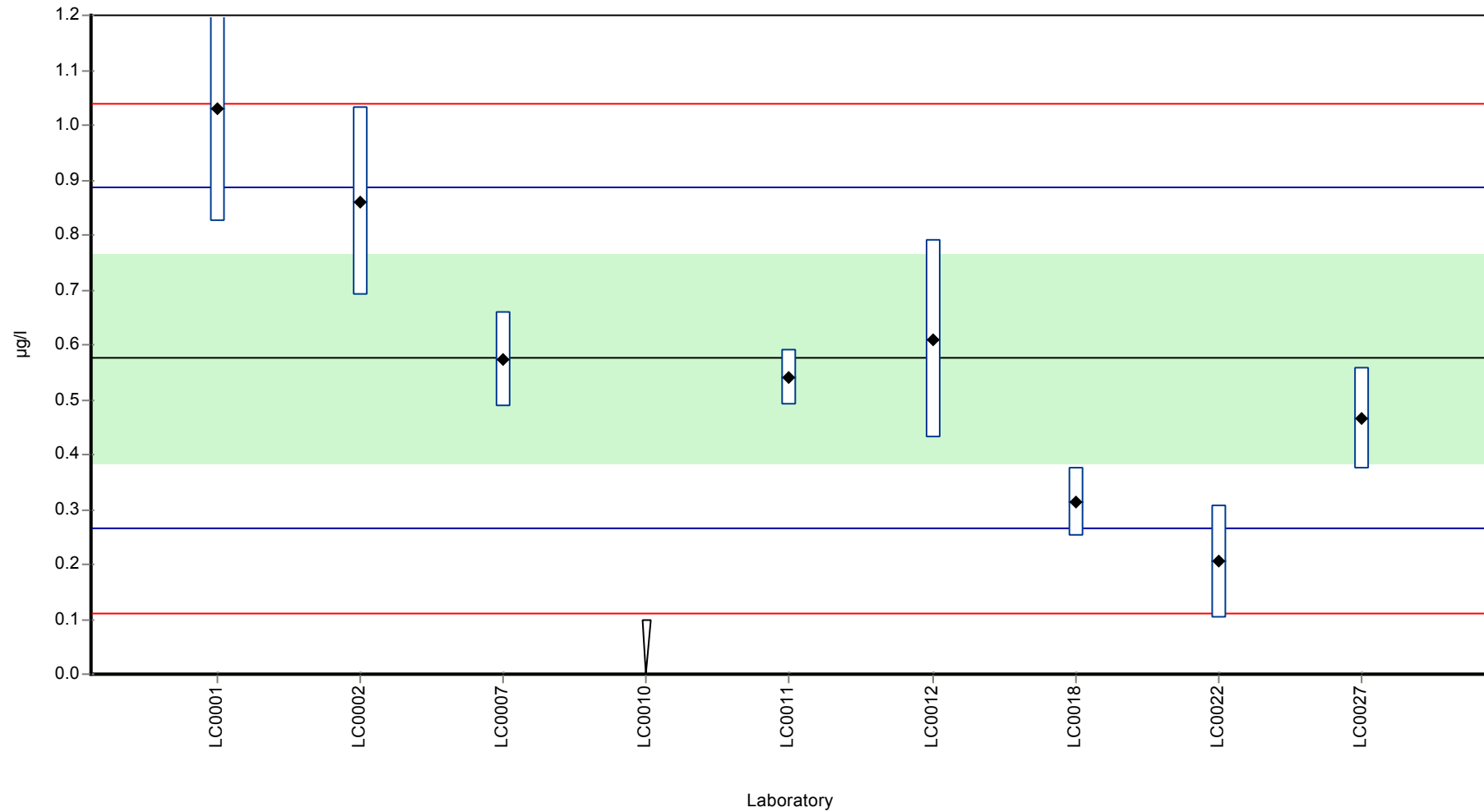
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	1.03	0.206	179	2.93	
LC0002	0.861	0.172	150	1.84	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.573	0.086	99.7	-0.01	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.1 (LOQ)	-	-	-	
LC0011	0.54	0.05	94	-0.22	
LC0012	0.61	0.18	106	0.23	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.314	0.063	54.6	-1.68	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.205	0.103	35.7	-2.38	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.465	0.093	80.9	-0.71	

Characteristics of parameter

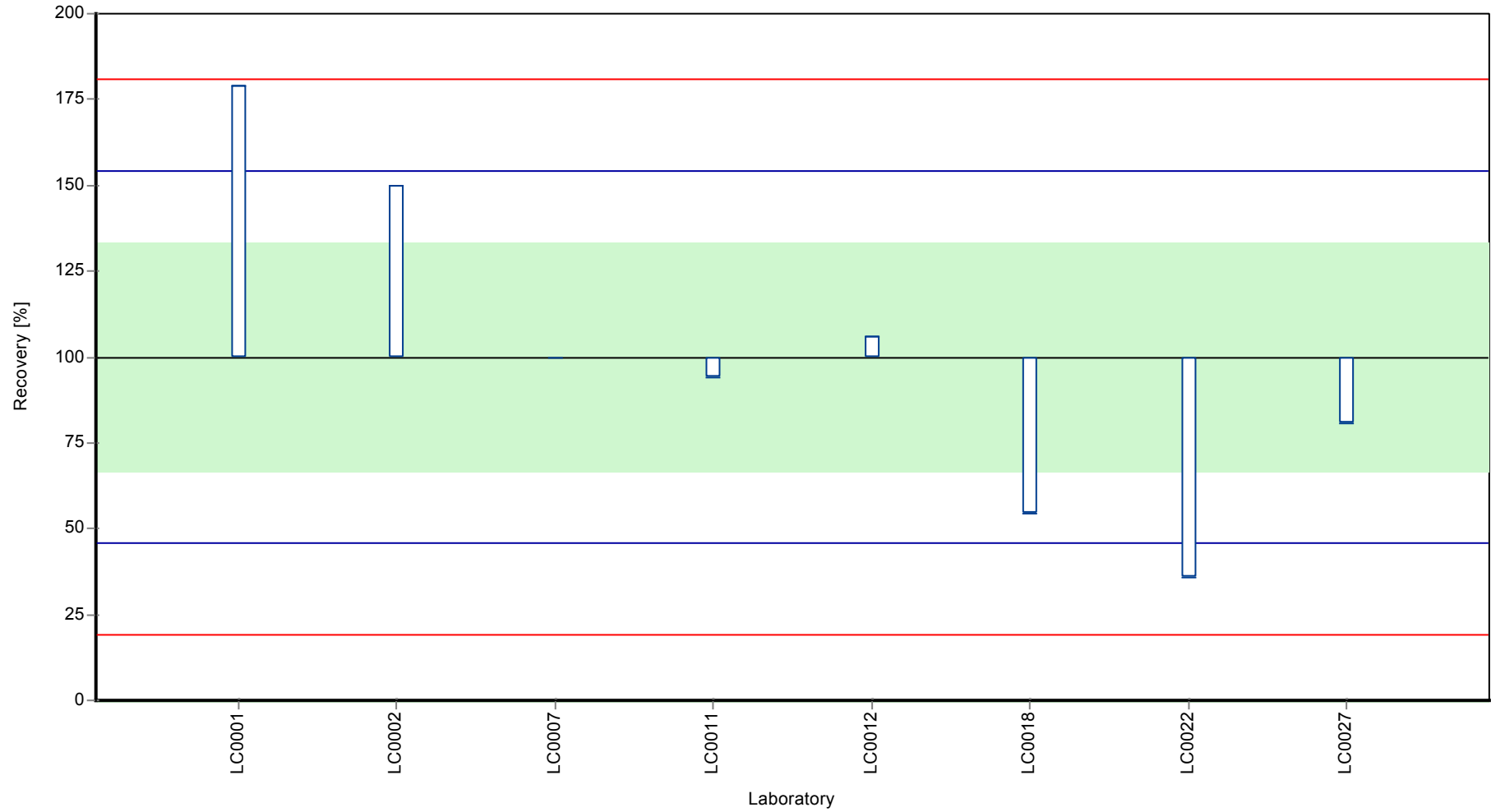
	all results	without outliers	Unit
Mean ± CI (99%)	0.575 ± 0.286	0.575 ± 0.286	µg/l
Minimum	0.205	0.205	µg/l
Maximum	1.03	1.03	µg/l
Standard deviation	0.269	0.269	µg/l
rel. standard deviation	46.9	46.9	%
n	8	8	-

Graphical presentation of results

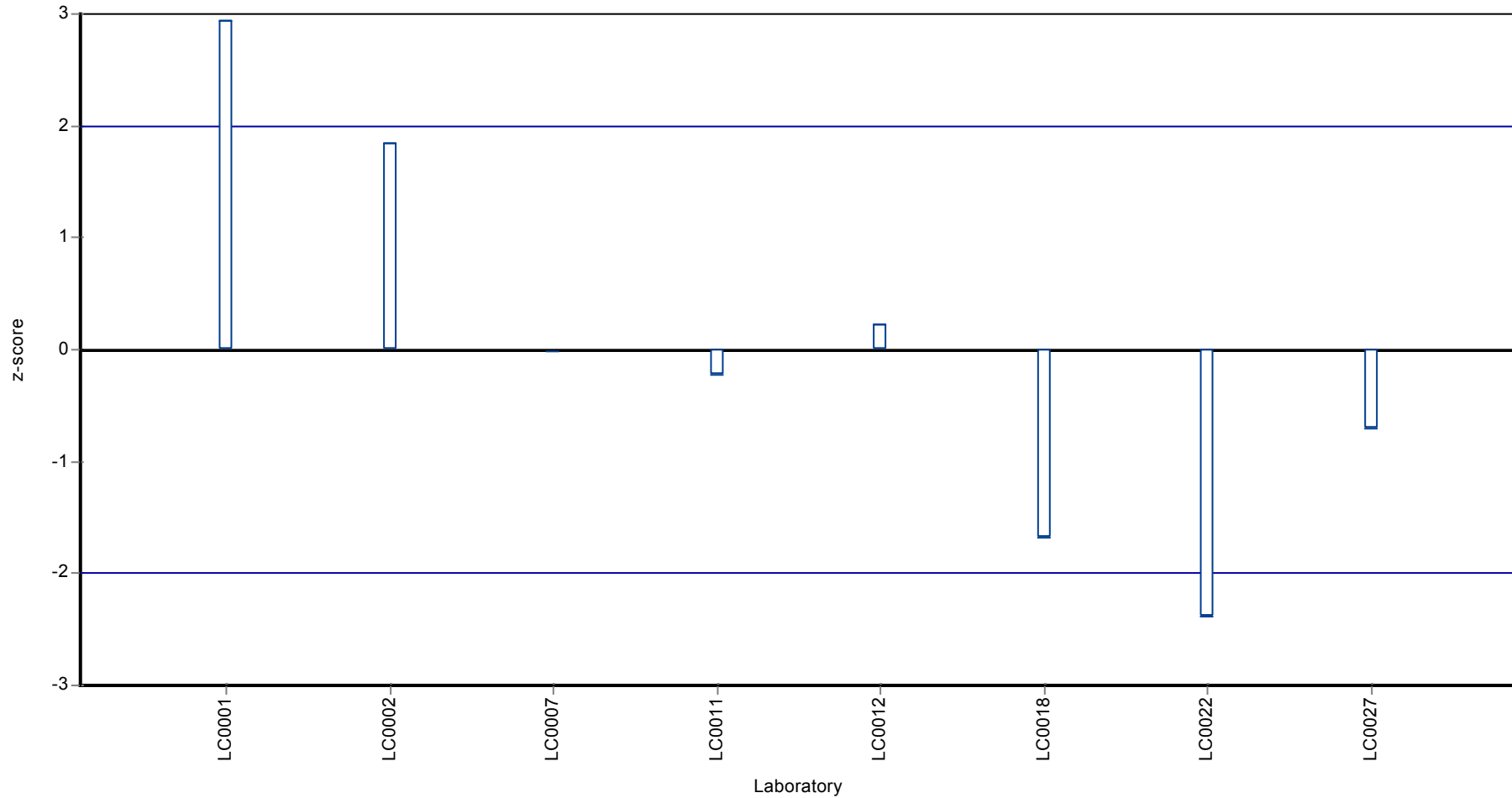
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Cyanazine

Unit	µg/l
Assigned value ± U (k=2)	0.418 ± 0.0247
Criterion	0.0669 (16 %)
Minimum - Maximum	0.338 - 0.51
Control test value ± U (k=2)	0.470 ± 0.0704

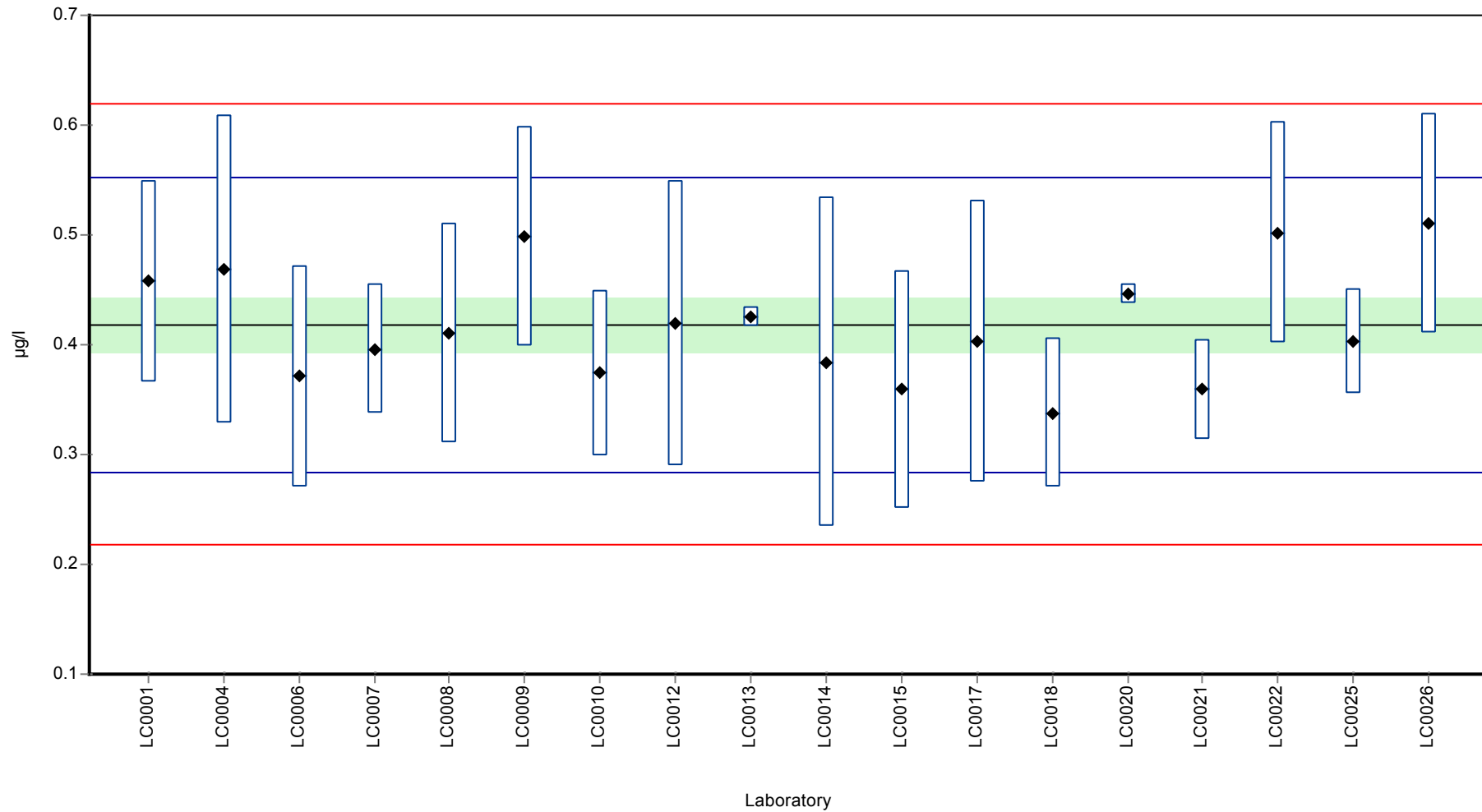
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.458	0.092	110	0.6	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.4681	0.1404	112	0.75	
LC0005	-	-	-	-	
LC0006	0.371	0.101	88.7	-0.7	
LC0007	0.396	0.059	94.7	-0.33	
LC0008	0.41	0.1	98.1	-0.12	
LC0009	0.499	0.1	119	1.21	
LC0010	0.374	0.075	89.5	-0.66	
LC0011	-	-	-	-	
LC0012	0.42	0.13	100	0.03	
LC0013	0.425	0.009	102	0.1	
LC0014	0.384	0.15	91.9	-0.51	
LC0015	0.359	0.108	85.9	-0.88	
LC0017	0.403	0.129	96.4	-0.23	
LC0018	0.338	0.068	80.8	-1.2	
LC0019	-	-	-	-	
LC0020	0.446	0.009	107	0.42	
LC0021	0.359	0.046	85.9	-0.88	
LC0022	0.502	0.101	120	1.25	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.403	0.048	96.4	-0.23	
LC0026	0.51	0.1	122	1.37	
LC0027	-	-	-	-	

Characteristics of parameter

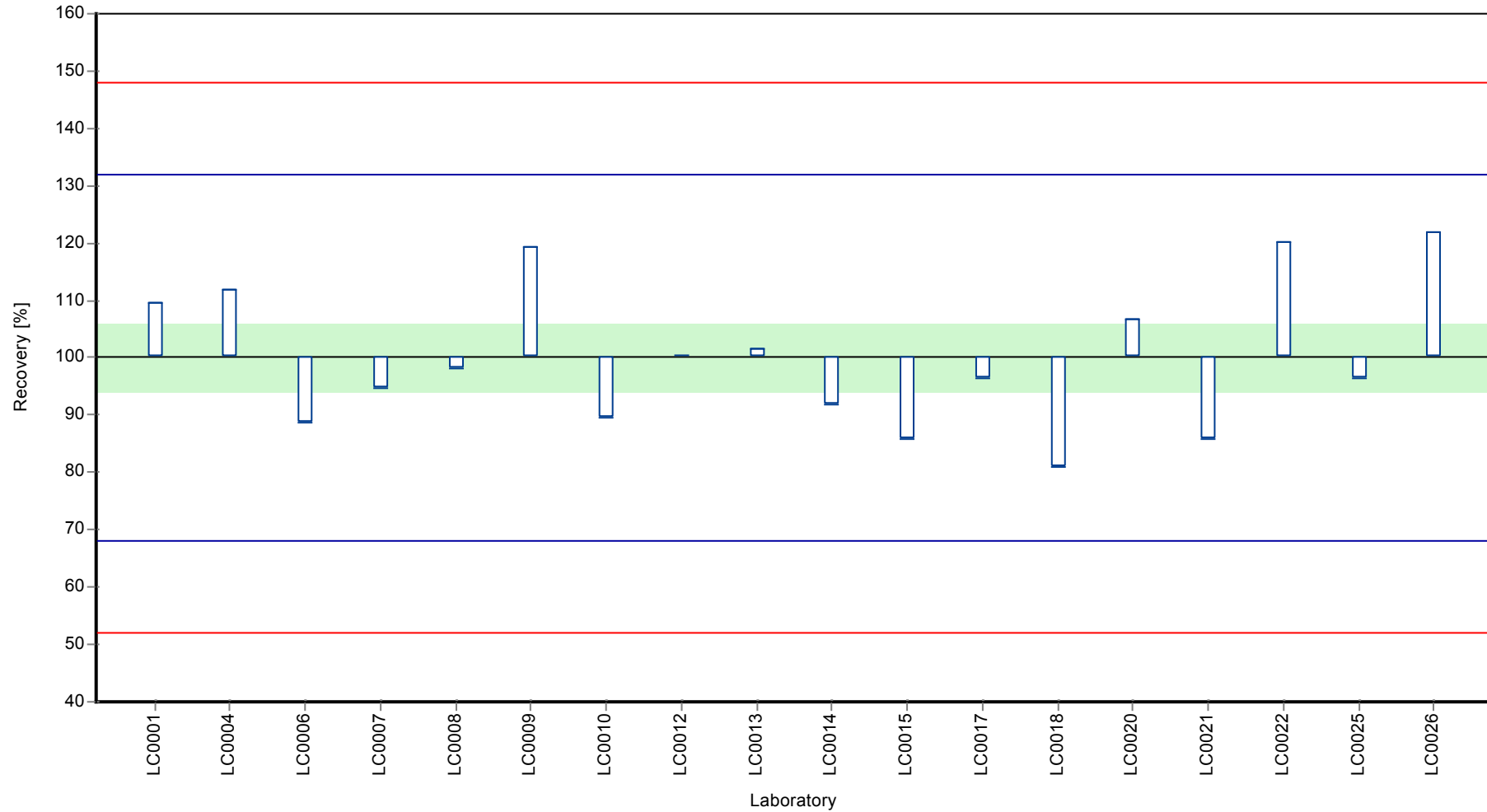
	all results	without outliers	Unit
Mean ± CI (99%)	0.418 ± 0.0371	0.418 ± 0.0371	µg/l
Minimum	0.338	0.338	µg/l
Maximum	0.51	0.51	µg/l
Standard deviation	0.0524	0.0524	µg/l
rel. standard deviation	12.5	12.5	%
n	18	18	-

Graphical presentation of results

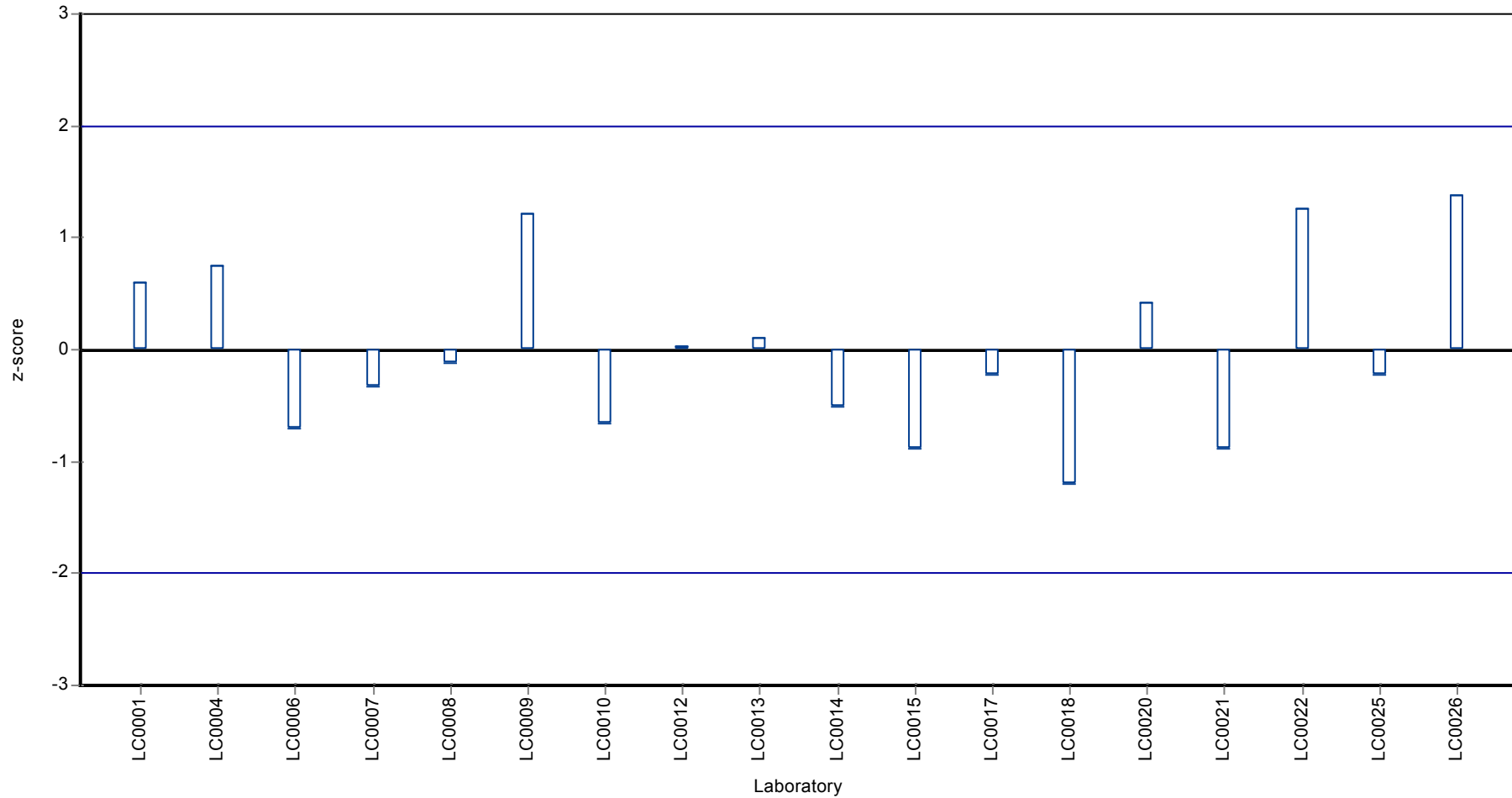
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Cyanazine

Unit	µg/l
Assigned value ± U (k=2)	0.282 ± 0.0187
Criterion	0.0451 (16 %)
Minimum - Maximum	0.228 - 0.35
Control test value ± U (k=2)	0.306 ± 0.0458

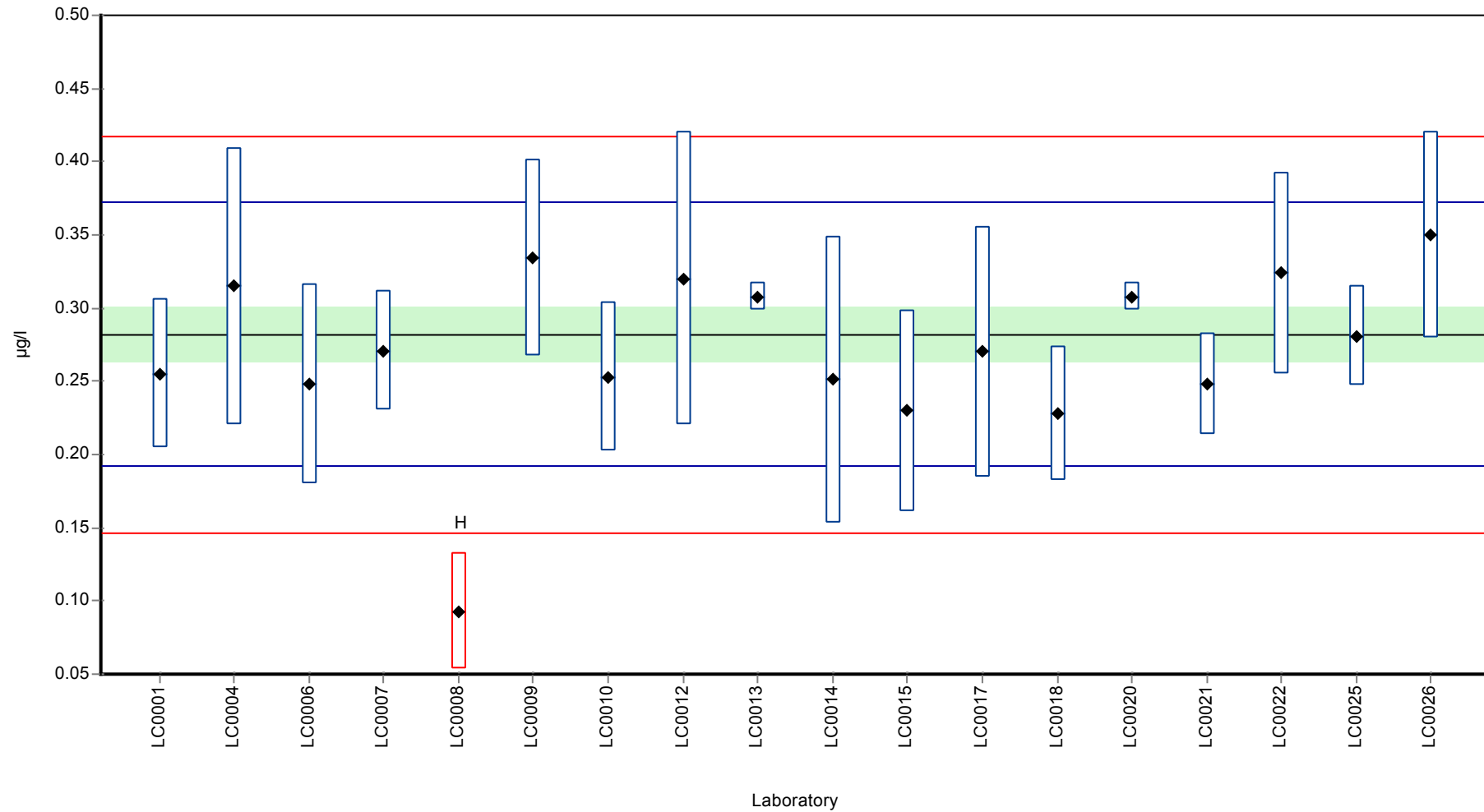
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.255	0.051	90.4	-0.6	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.3152	0.0946	112	0.74	
LC0005	-	-	-	-	
LC0006	0.248	0.068	87.9	-0.75	
LC0007	0.271	0.041	96.1	-0.24	
LC0008	0.093	0.04	33	-4.19	H
LC0009	0.334	0.067	118	1.15	
LC0010	0.253	0.051	89.7	-0.64	
LC0011	-	-	-	-	
LC0012	0.32	0.1	113	0.84	
LC0013	0.308	0.009	109	0.58	
LC0014	0.251	0.098	89	-0.69	
LC0015	0.23	0.069	81.6	-1.15	
LC0017	0.27	0.086	95.7	-0.27	
LC0018	0.228	0.046	80.8	-1.2	
LC0019	-	-	-	-	
LC0020	0.308	0.01	109	0.58	
LC0021	0.248	0.035	87.9	-0.75	
LC0022	0.324	0.069	115	0.93	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.281	0.034	99.6	-0.02	
LC0026	0.35	0.07	124	1.51	
LC0027	-	-	-	-	

Characteristics of parameter

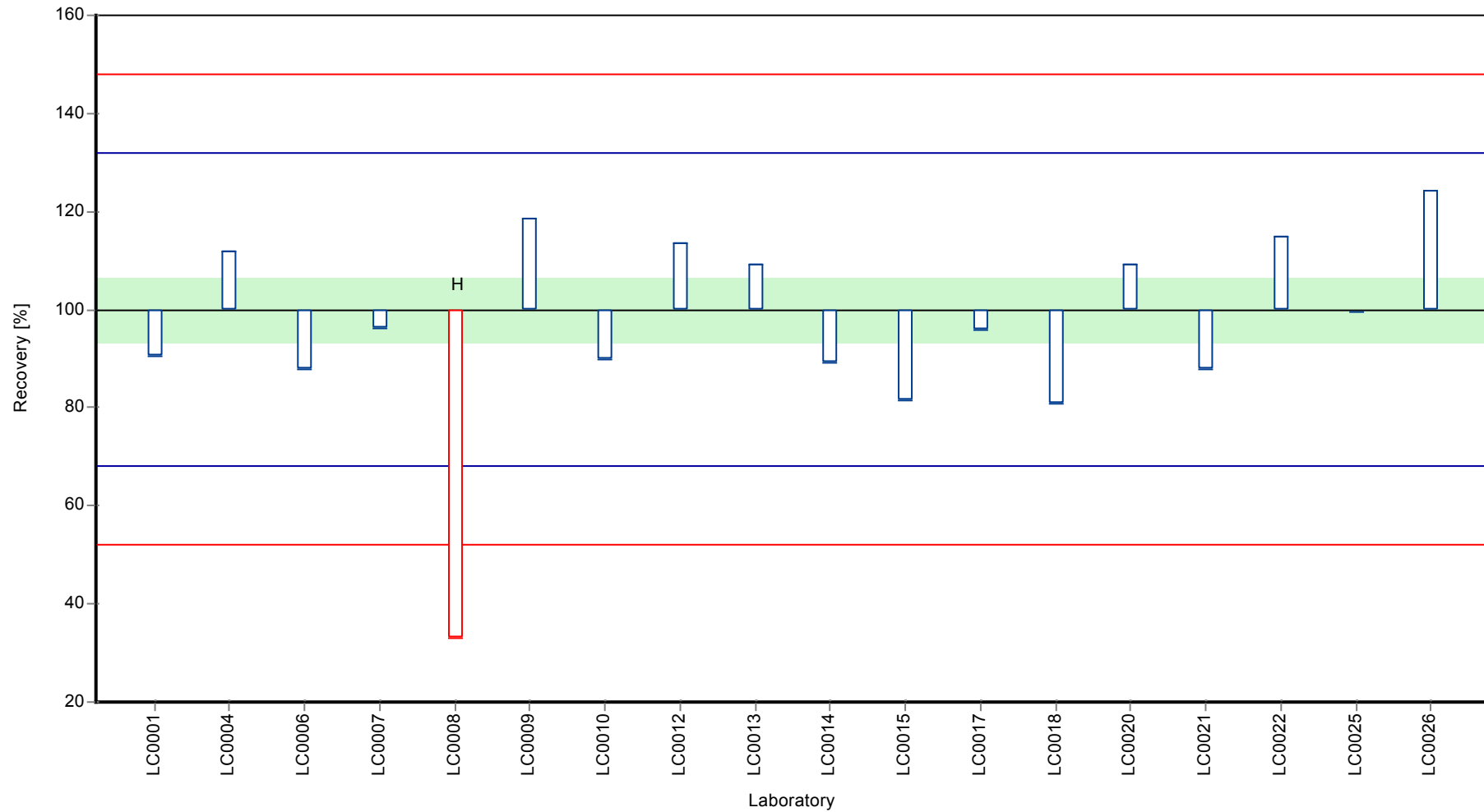
	all results	without outliers	Unit
Mean ± CI (99%)	0.272 ± 0.0411	0.282 ± 0.028	µg/l
Minimum	0.093	0.228	µg/l
Maximum	0.35	0.35	µg/l
Standard deviation	0.0581	0.0385	µg/l
rel. standard deviation	21.4	13.7 %	
n	18	17	-

Graphical presentation of results

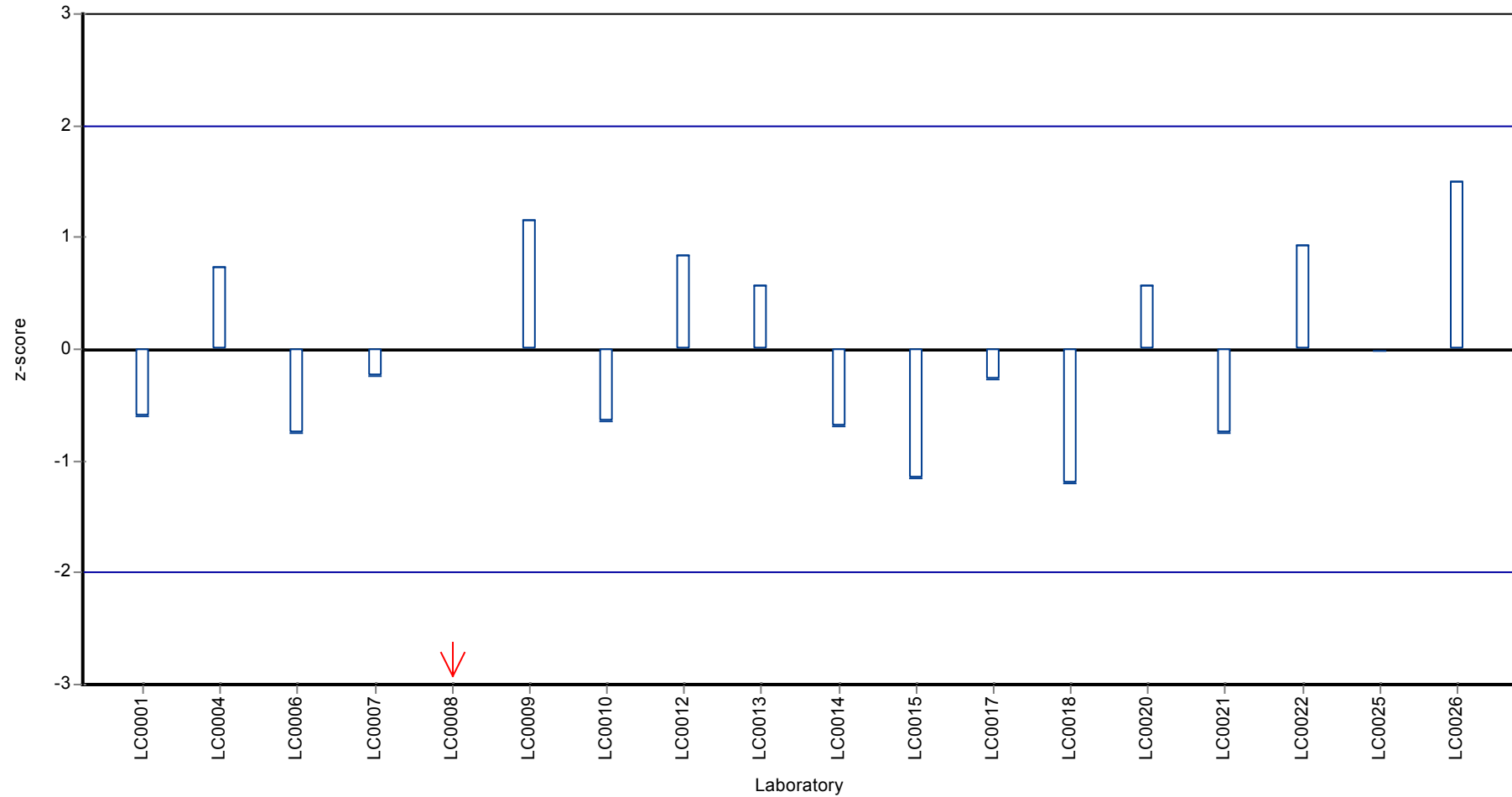
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Dimethenamide

Unit	µg/l
Assigned value ± U (k=2)	0.673 ± 0.0571
Criterion	0.0988 (15 %)
Minimum - Maximum	0.492 - 0.857
Control test value ± U (k=2)	0.841 ± 0.126

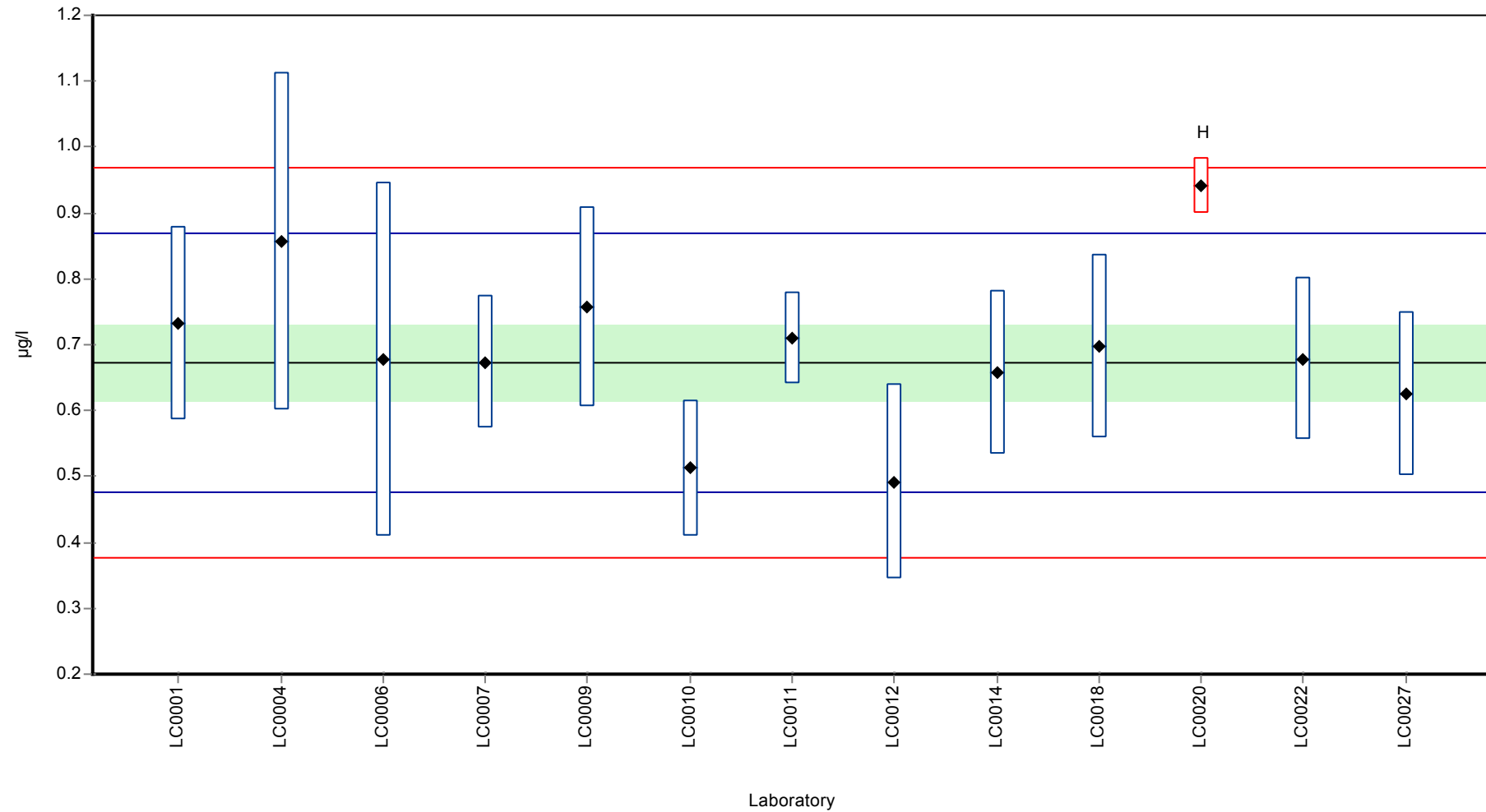
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.733	0.147	109	0.61	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.8566	0.257	127	1.86	
LC0005	-	-	-	-	
LC0006	0.677	0.269	101	0.04	
LC0007	0.673	0.101	100	0.00	
LC0008	-	-	-	-	
LC0009	0.758	0.152	113	0.86	
LC0010	0.513	0.103	76.3	-1.61	
LC0011	0.71	0.07	106	0.38	
LC0012	0.492	0.148	73.2	-1.83	
LC0013	-	-	-	-	
LC0014	0.658	0.125	97.8	-0.15	
LC0015	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.697	0.139	104	0.25	
LC0019	-	-	-	-	
LC0020	0.941	0.043	140	2.72	H
LC0021	-	-	-	-	
LC0022	0.678	0.123	101	0.06	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.625	0.125	92.9	-0.48	

Characteristics of parameter

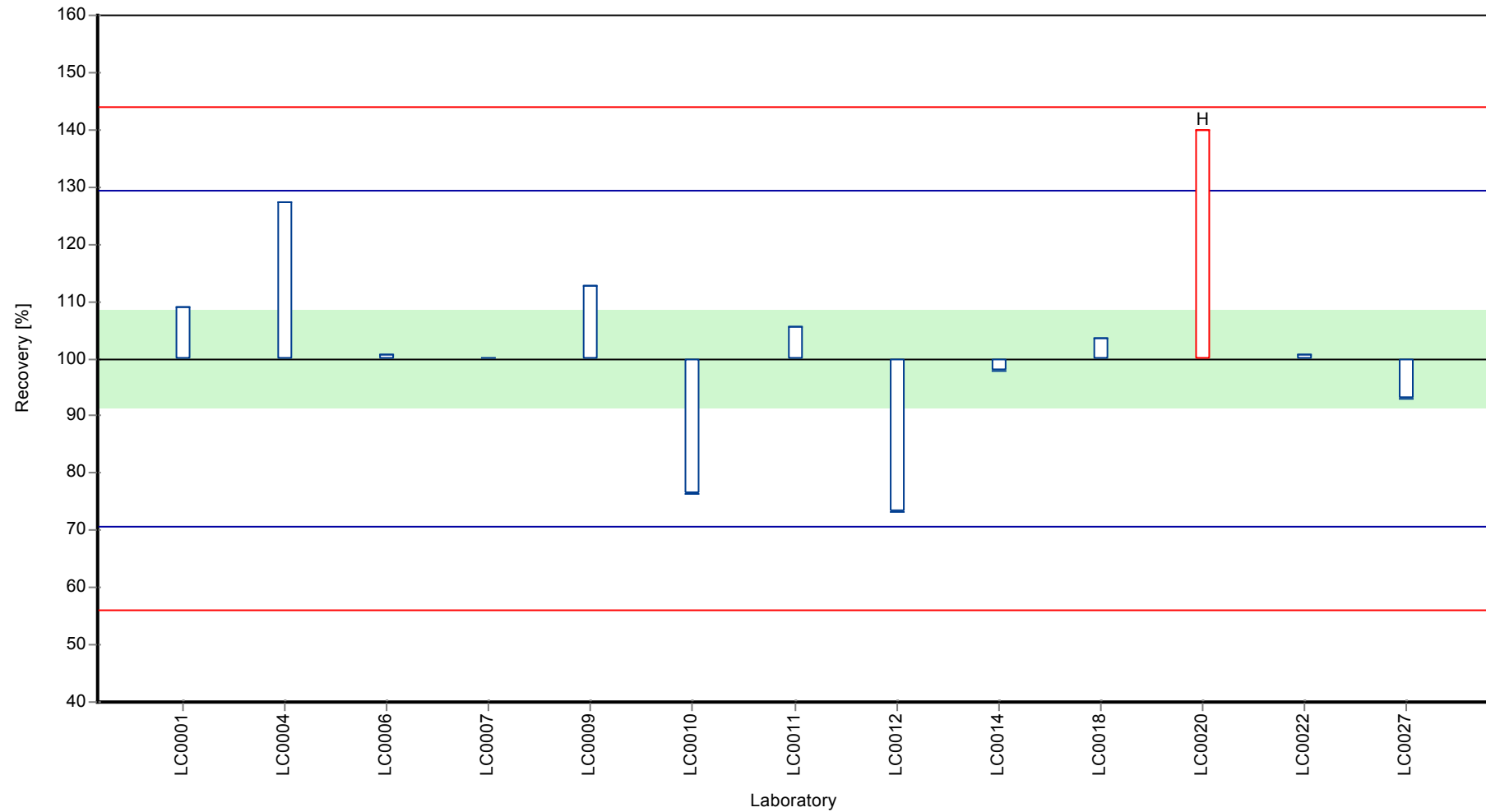
	all results	without outliers	Unit
Mean ± CI (99%)	0.693 ± 0.1	0.673 ± 0.0856	µg/l
Minimum	0.492	0.492	µg/l
Maximum	0.941	0.857	µg/l
Standard deviation	0.12	0.0988	µg/l
rel. standard deviation	17.4	14.7	%
n	13	12	-

Graphical presentation of results

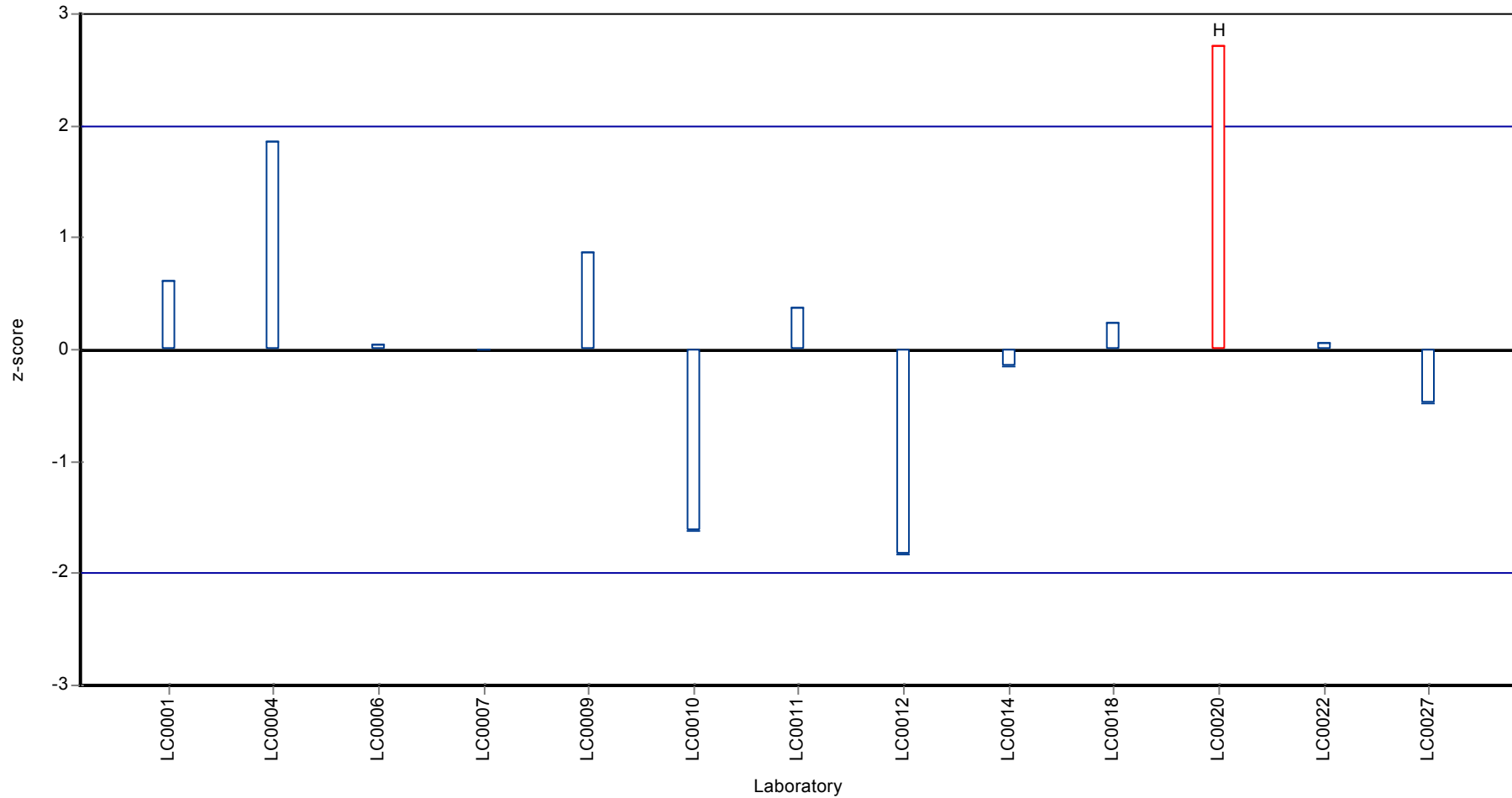
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Dimethenamide

Unit	µg/l
Assigned value ± U (k=2)	0.354 ± 0.026
Criterion	0.0469 (13 %)
Minimum - Maximum	0.282 - 0.453
Control test value ± U (k=2)	0.404 ± 0.0606

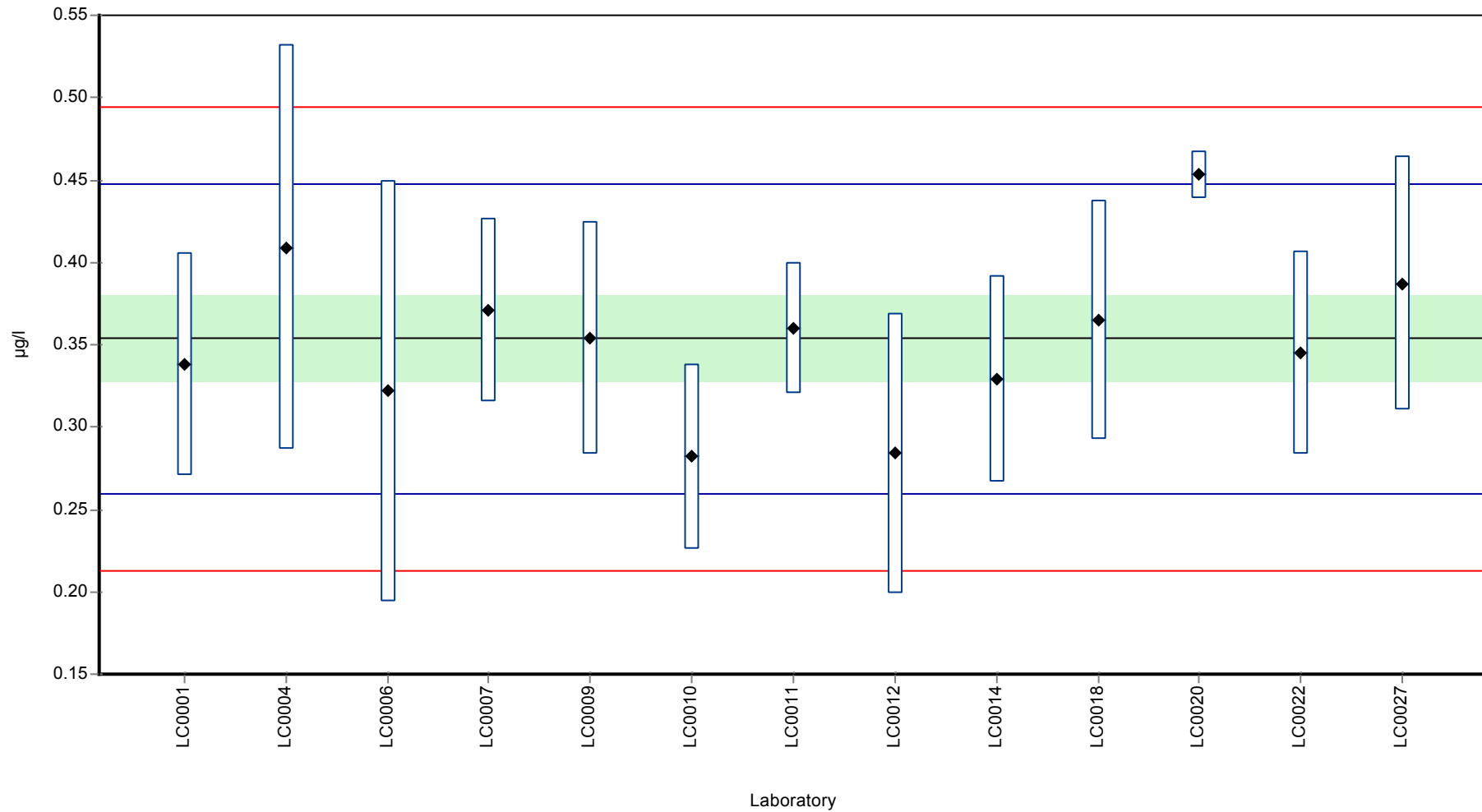
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.338	0.068	95.5	-0.34	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.409	0.1227	116	1.18	
LC0005	-	-	-	-	
LC0006	0.322	0.128	91	-0.68	
LC0007	0.371	0.056	105	0.37	
LC0008	-	-	-	-	
LC0009	0.354	0.071	100	0.00	
LC0010	0.282	0.056	79.7	-1.53	
LC0011	0.36	0.04	102	0.13	
LC0012	0.284	0.085	80.3	-1.49	
LC0013	-	-	-	-	
LC0014	0.329	0.063	93	-0.53	
LC0015	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.365	0.073	103	0.24	
LC0019	-	-	-	-	
LC0020	0.453	0.014	128	2.11	
LC0021	-	-	-	-	
LC0022	0.345	0.062	97.5	-0.19	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.387	0.077	109	0.71	

Characteristics of parameter

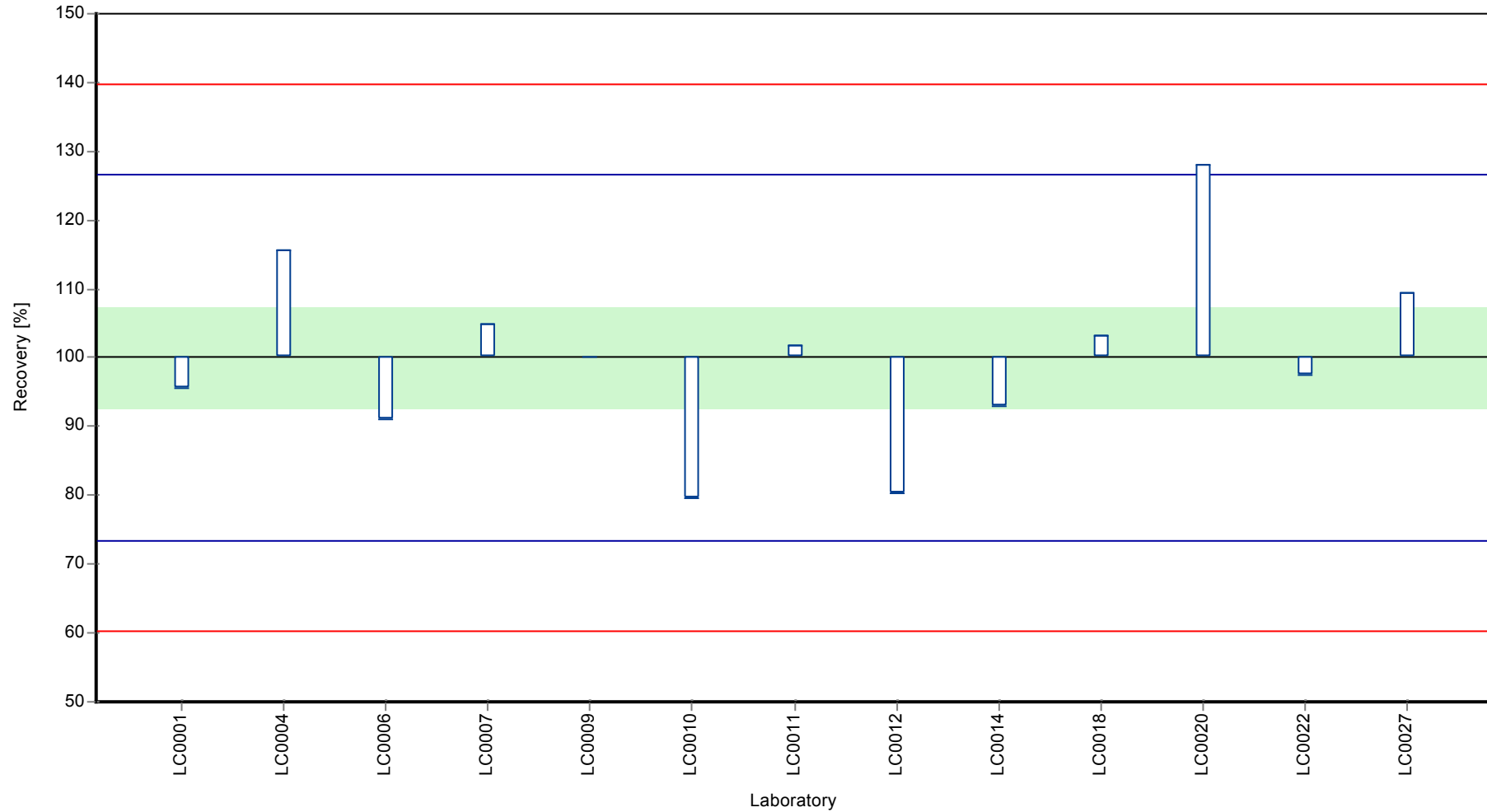
	all results	without outliers	Unit
Mean ± CI (99%)	0.354 ± 0.039	0.354 ± 0.039	µg/l
Minimum	0.282	0.282	µg/l
Maximum	0.453	0.453	µg/l
Standard deviation	0.0469	0.0469	µg/l
rel. standard deviation	13.3	13.3	%
n	13	13	-

Graphical presentation of results

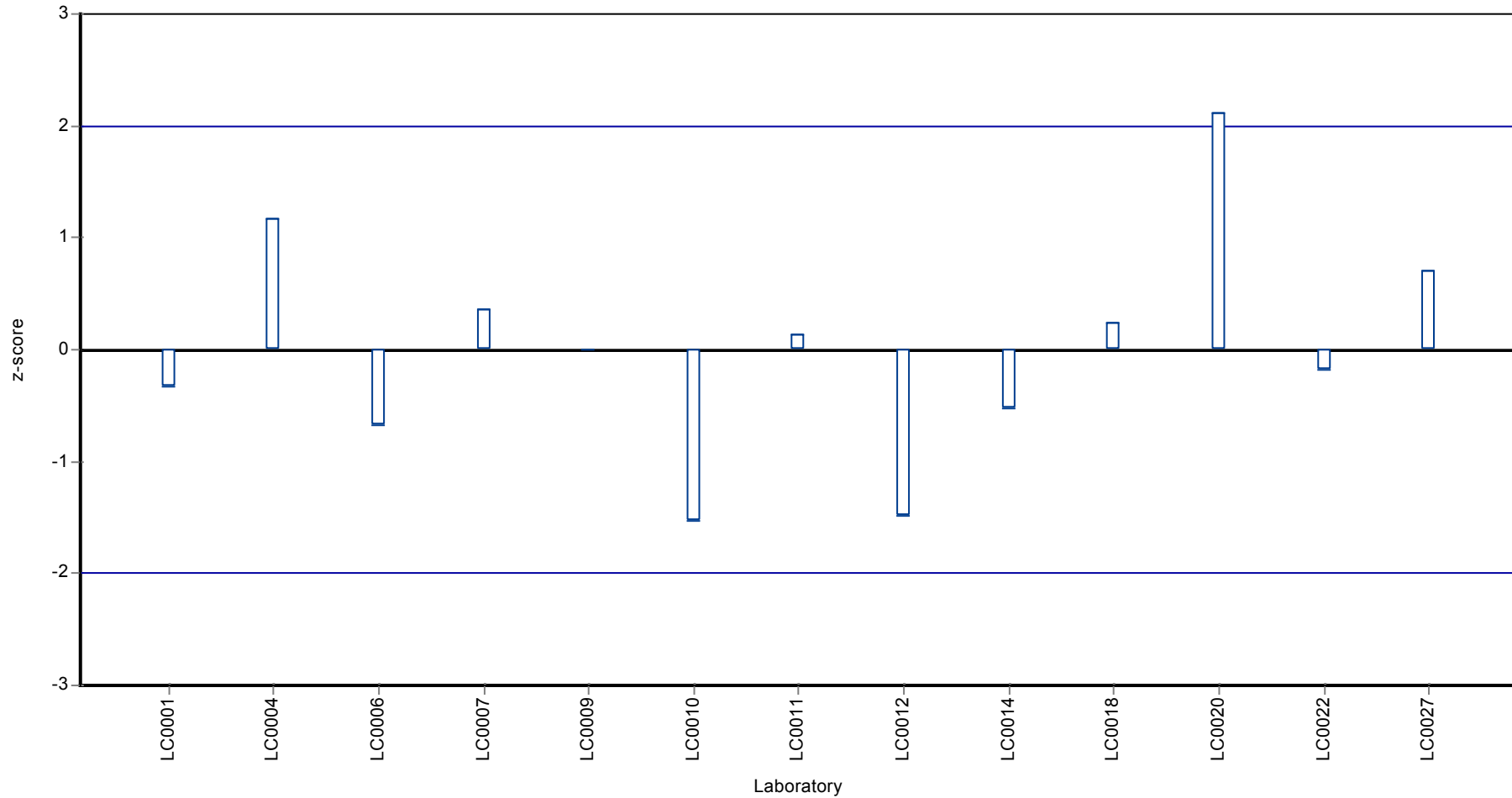
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Diuron

Unit	µg/l
Assigned value ± U (k=2)	0.256 ± 0.0132
Criterion	0.0358 (14 %)
Minimum - Maximum	0.197 - 0.33
Control test value ± U (k=2)	0.249 ± 0.0374

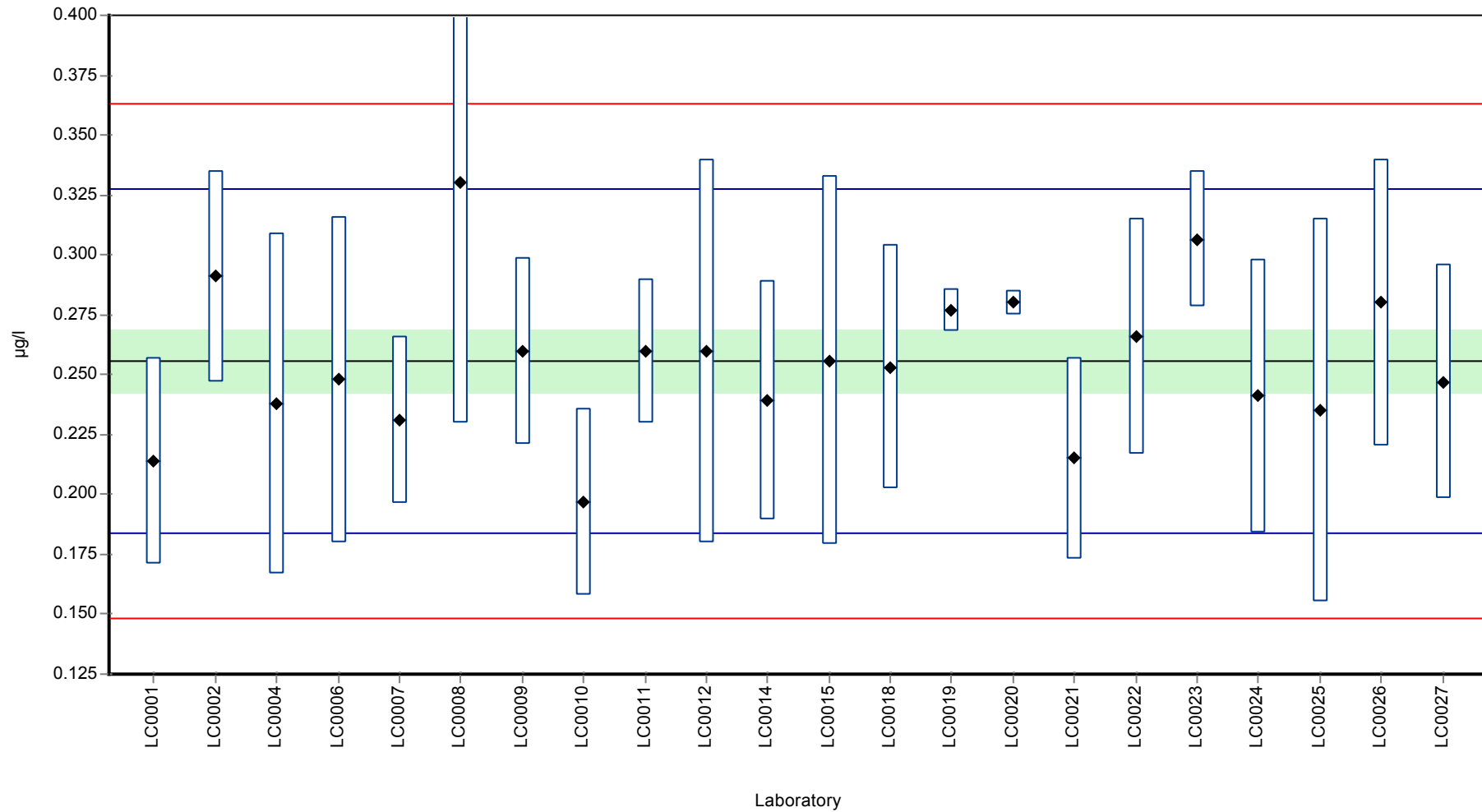
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.214	0.043	83.7	-1.16	
LC0002	0.291	0.044	114	0.99	
LC0003	-	-	-	-	
LC0004	0.2378	0.0713	93	-0.5	
LC0005	-	-	-	-	
LC0006	0.248	0.068	97	-0.21	
LC0007	0.231	0.035	90.4	-0.69	
LC0008	0.33	0.1	129	2.08	
LC0009	0.26	0.039	102	0.12	
LC0010	0.197	0.039	77.1	-1.64	
LC0011	0.26	0.03	102	0.12	
LC0012	0.26	0.08	102	0.12	
LC0013	-	-	-	-	
LC0014	0.239	0.05	93.5	-0.47	
LC0015	0.256	0.077	100	0.01	
LC0017	-	-	-	-	
LC0018	0.253	0.051	99	-0.07	
LC0019	0.277	0.009	108	0.6	
LC0020	0.28	0.005	110	0.68	
LC0021	0.215	0.042	84.1	-1.14	
LC0022	0.266	0.049	104	0.29	
LC0023	0.3066	0.0285	120	1.42	
LC0024	0.241	0.057	94.3	-0.41	
LC0025	0.235	0.08	91.9	-0.58	
LC0026	0.28	0.06	110	0.68	
LC0027	0.247	0.049	96.6	-0.24	

Characteristics of parameter

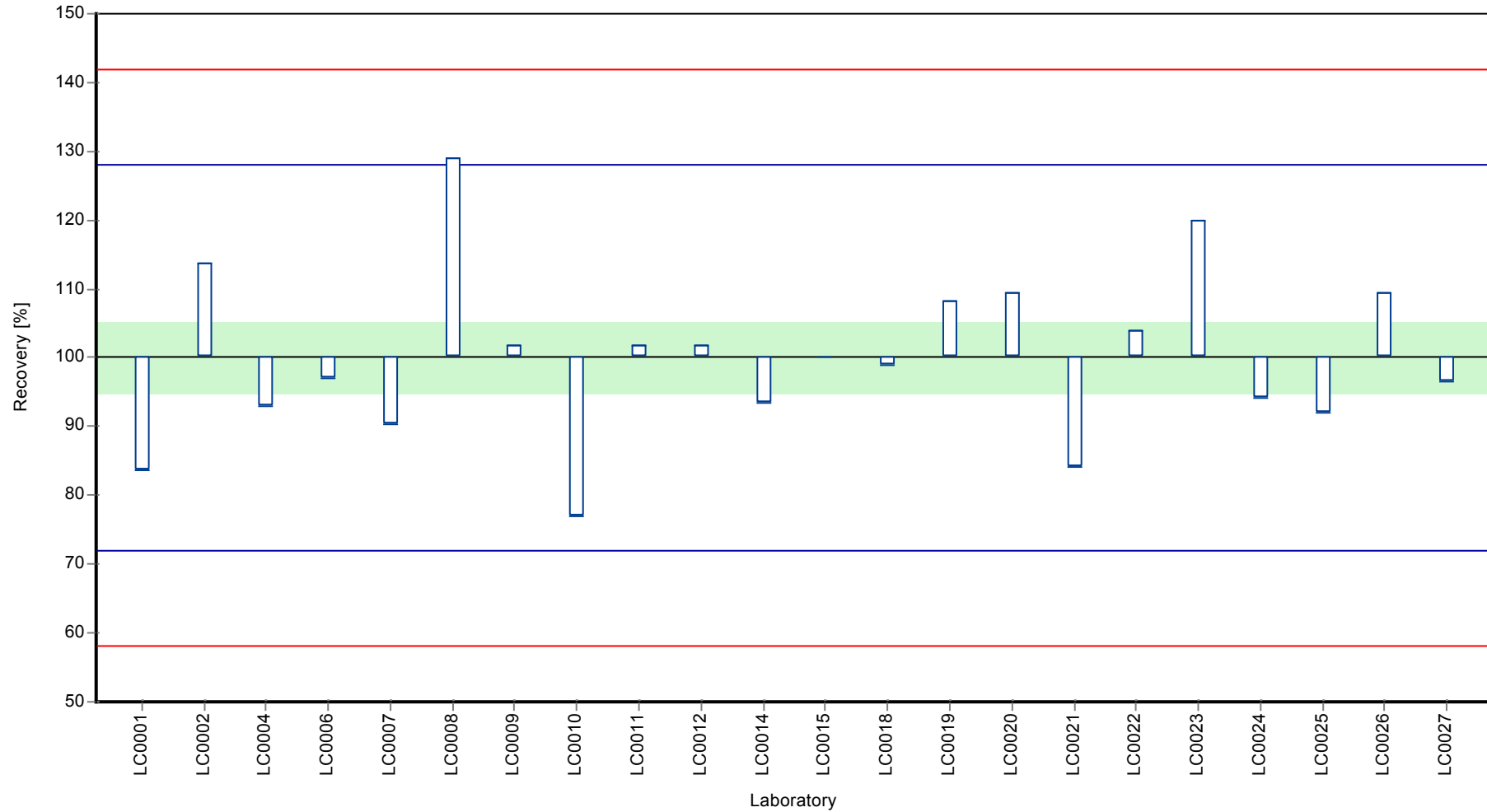
	all results	without outliers	Unit
Mean ± CI (99%)	0.256 ± 0.0197	0.256 ± 0.0197	µg/l
Minimum	0.197	0.197	µg/l
Maximum	0.33	0.33	µg/l
Standard deviation	0.0309	0.0309	µg/l
rel. standard deviation	12.1	12.1	%
n	22	22	-

Graphical presentation of results

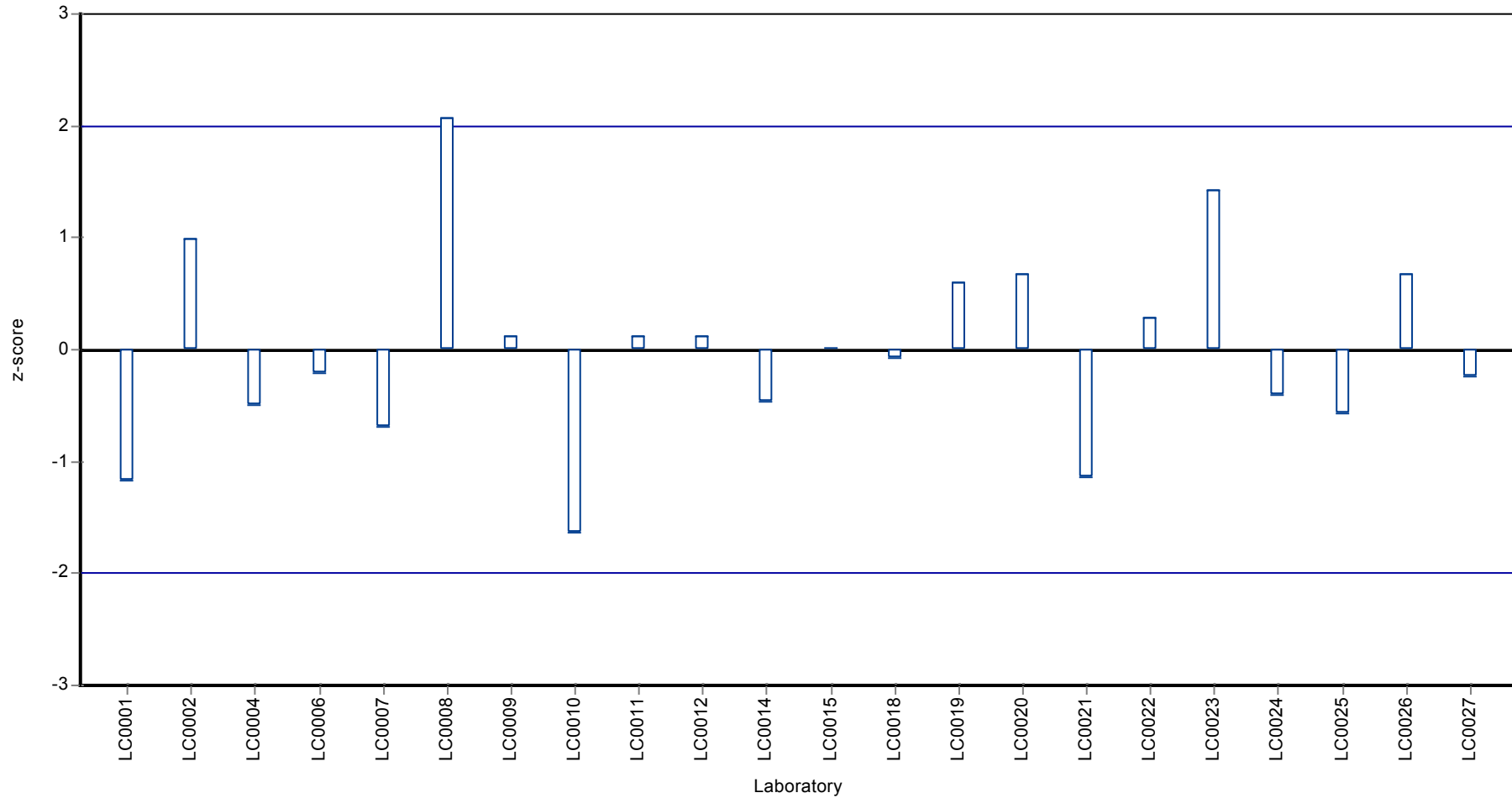
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Diuron

Unit	µg/l
Assigned value ± U (k=2)	0.86 ± 0.0461
Criterion	0.12 (14 %)
Minimum - Maximum	0.649 - 1.05
Control test value ± U (k=2)	0.917 ± 0.138

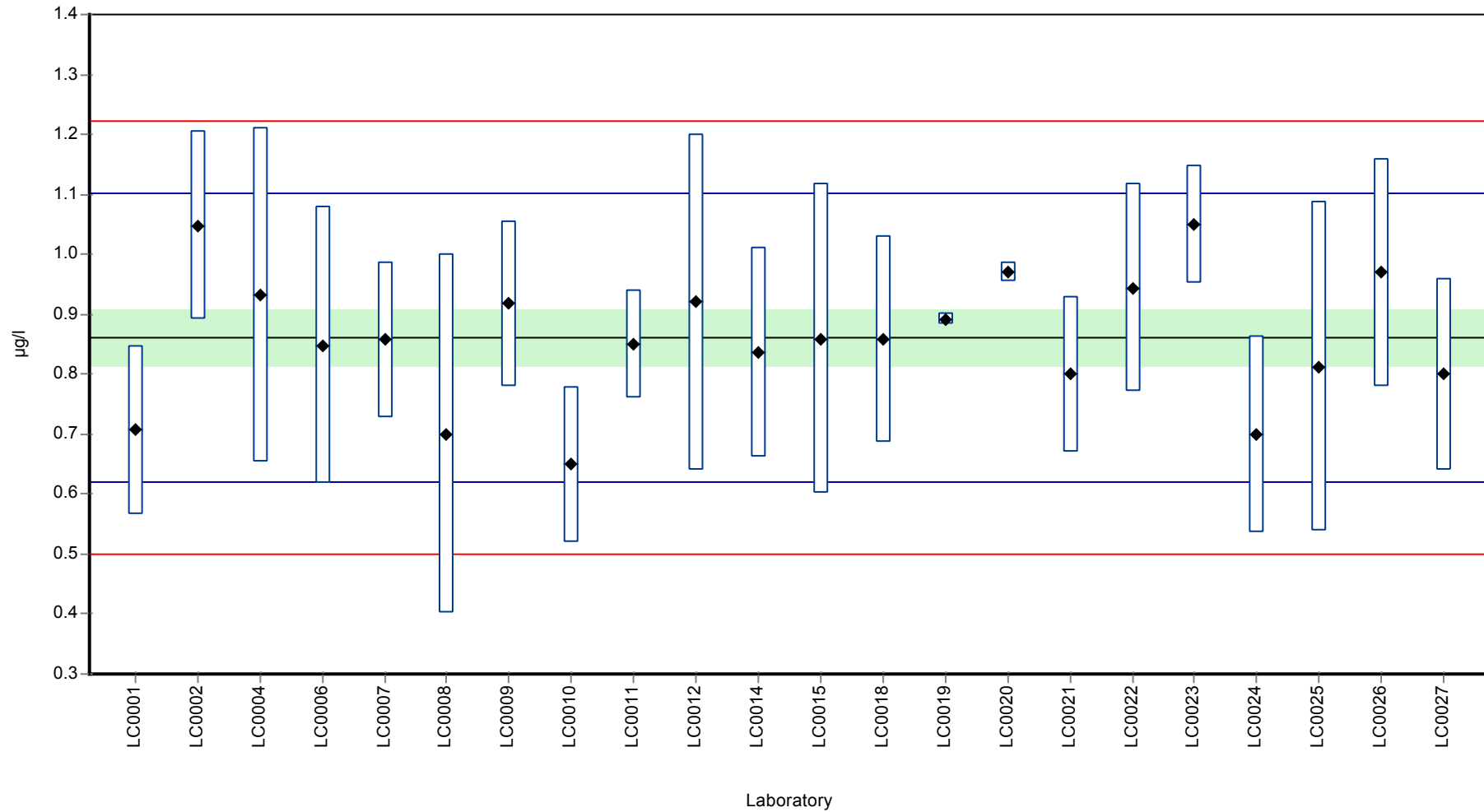
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.707	0.141	82.2	-1.27	
LC0002	1.048	0.157	122	1.56	
LC0003	-	-	-	-	
LC0004	0.9319	0.2796	108	0.6	
LC0005	-	-	-	-	
LC0006	0.848	0.231	98.6	-0.1	
LC0007	0.857	0.129	99.6	-0.03	
LC0008	0.7	0.3	81.4	-1.33	
LC0009	0.918	0.138	107	0.48	
LC0010	0.649	0.13	75.5	-1.75	
LC0011	0.85	0.09	98.8	-0.08	
LC0012	0.92	0.28	107	0.5	
LC0013	-	-	-	-	
LC0014	0.836	0.176	97.2	-0.2	
LC0015	0.859	0.258	99.9	-0.01	
LC0017	-	-	-	-	
LC0018	0.858	0.172	99.8	-0.02	
LC0019	0.892	0.009	104	0.27	
LC0020	0.97	0.017	113	0.91	
LC0021	0.8	0.13	93	-0.5	
LC0022	0.944	0.174	110	0.7	
LC0023	1.0501	0.0977	122	1.58	
LC0024	0.7	0.164	81.4	-1.33	
LC0025	0.813	0.276	94.5	-0.39	
LC0026	0.97	0.19	113	0.91	
LC0027	0.8	0.16	93	-0.5	

Characteristics of parameter

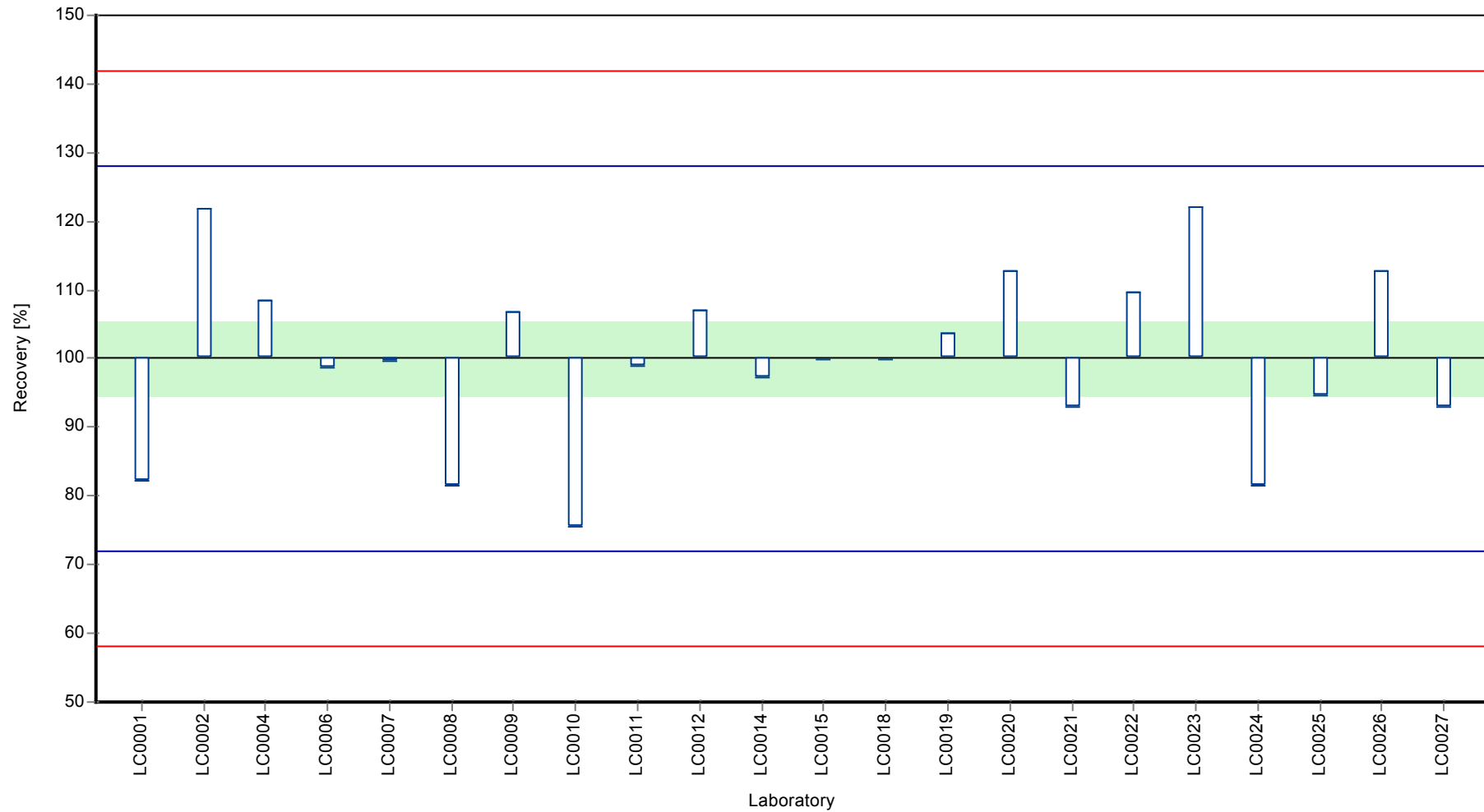
	all results	without outliers	Unit
Mean ± CI (99%)	0.86 ± 0.0691	0.86 ± 0.0691	µg/l
Minimum	0.649	0.649	µg/l
Maximum	1.05	1.05	µg/l
Standard deviation	0.108	0.108	µg/l
rel. standard deviation	12.6	12.6	%
n	22	22	-

Graphical presentation of results

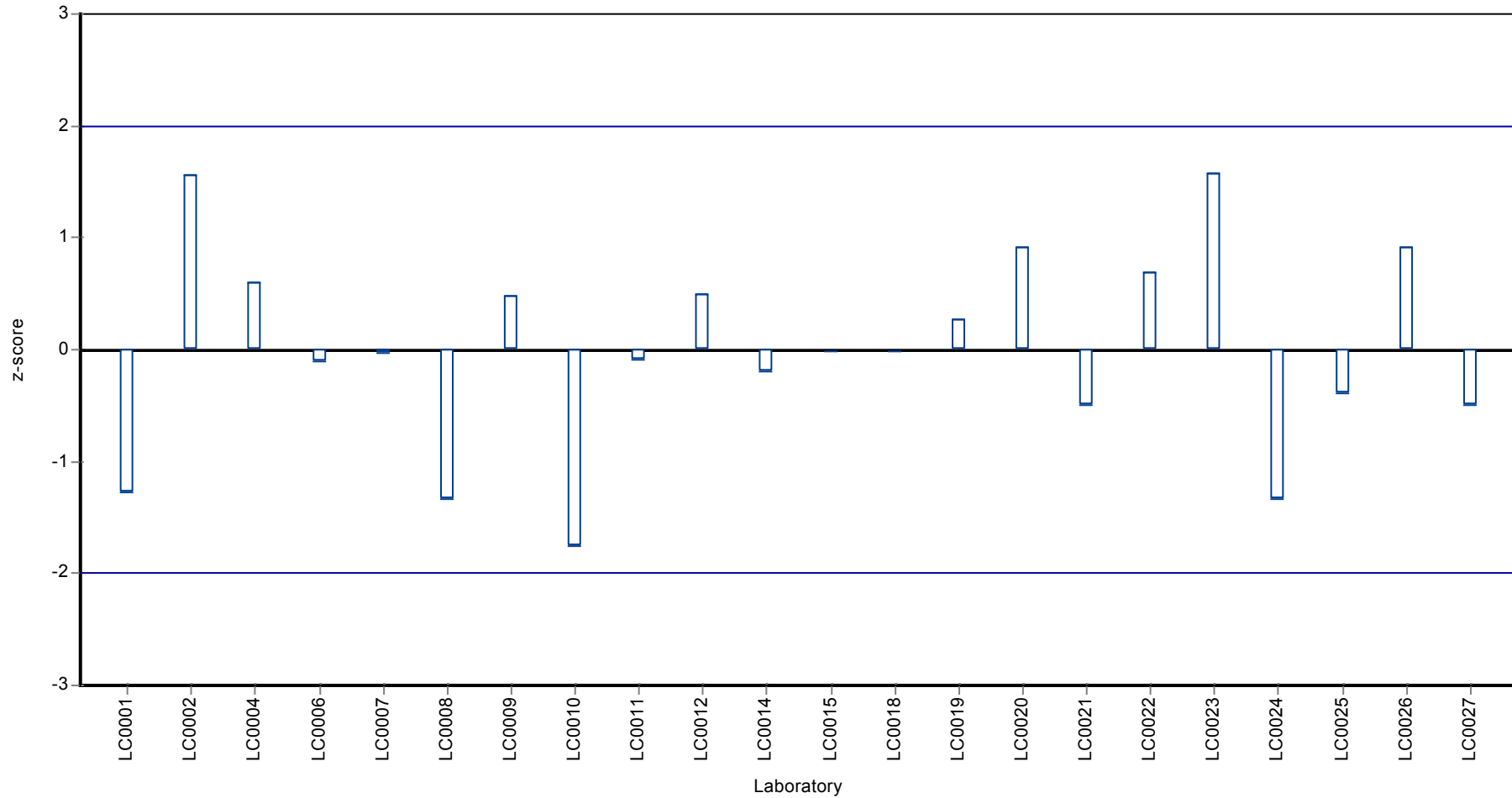
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Metolachlor

Unit	µg/l
Assigned value ± U (k=2)	0.327 ± 0.0221
Criterion	0.0506 (15 %)
Minimum - Maximum	0.213 - 0.421
Control test value ± U (k=2)	0.374 ± 0.0561

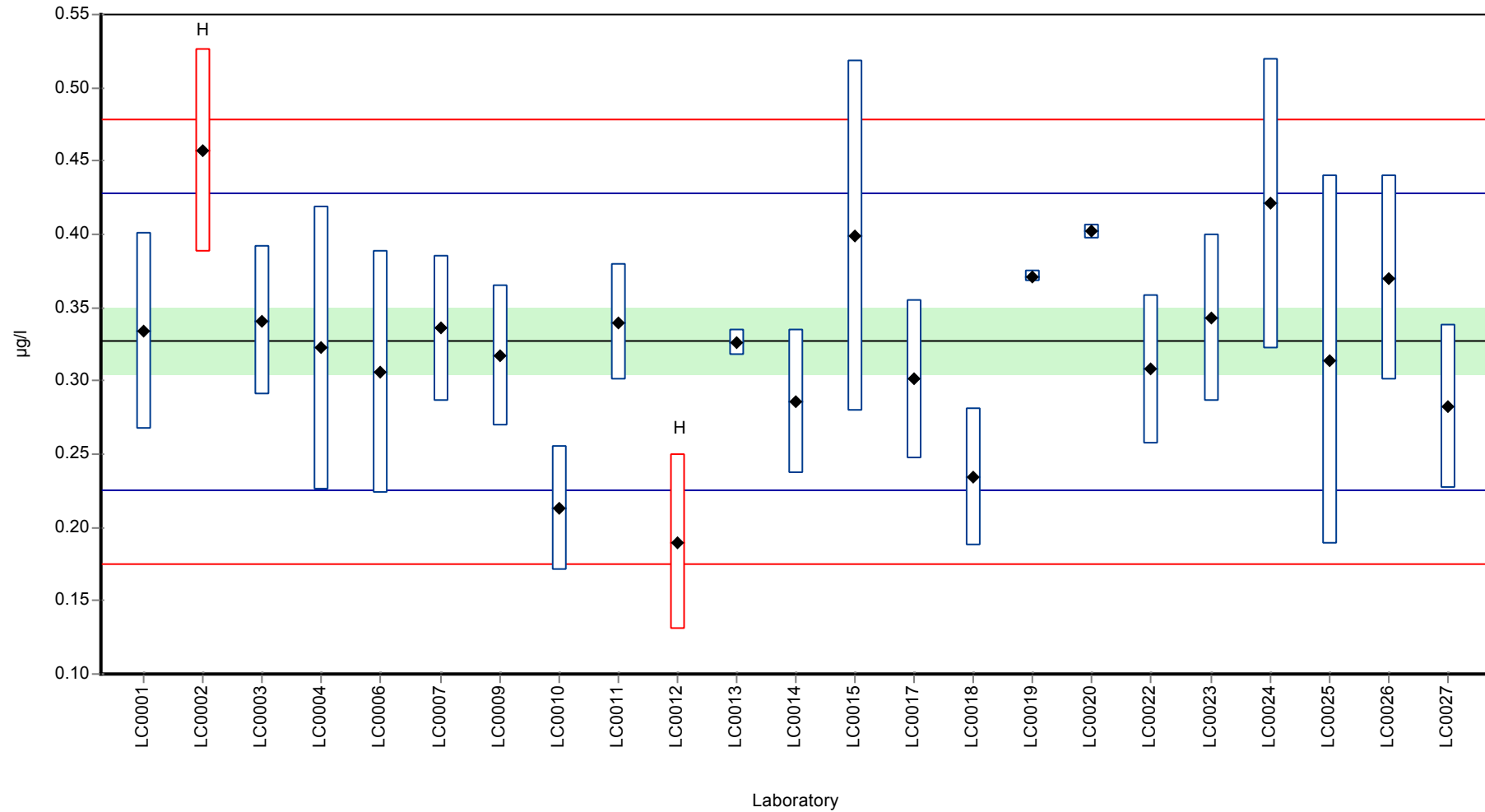
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.334	0.067	102	0.14	
LC0002	0.457	0.069	140	2.57	H
LC0003	0.341	0.051	104	0.28	
LC0004	0.3227	0.0968	98.7	-0.08	
LC0005	-	-	-	-	
LC0006	0.306	0.083	93.6	-0.41	
LC0007	0.336	0.05	103	0.18	
LC0008	-	-	-	-	
LC0009	0.317	0.048	96.9	-0.2	
LC0010	0.213	0.043	65.1	-2.25	
LC0011	0.34	0.04	104	0.26	
LC0012	0.19	0.06	58.1	-2.7	H
LC0013	0.326	0.009	99.7	-0.02	
LC0014	0.286	0.049	87.5	-0.81	
LC0015	0.399	0.12	122	1.42	
LC0017	0.301	0.054	92.1	-0.51	
LC0018	0.234	0.047	71.6	-1.84	
LC0019	0.371	0.004	113	0.87	
LC0020	0.402	0.005	123	1.48	
LC0021	-	-	-	-	
LC0022	0.308	0.051	94.2	-0.38	
LC0023	0.3429	0.0566	105	0.31	
LC0024	0.421	0.099	129	1.86	
LC0025	0.314	0.126	96	-0.26	
LC0026	0.37	0.07	113	0.85	
LC0027	0.282	0.056	86.2	-0.89	

Characteristics of parameter

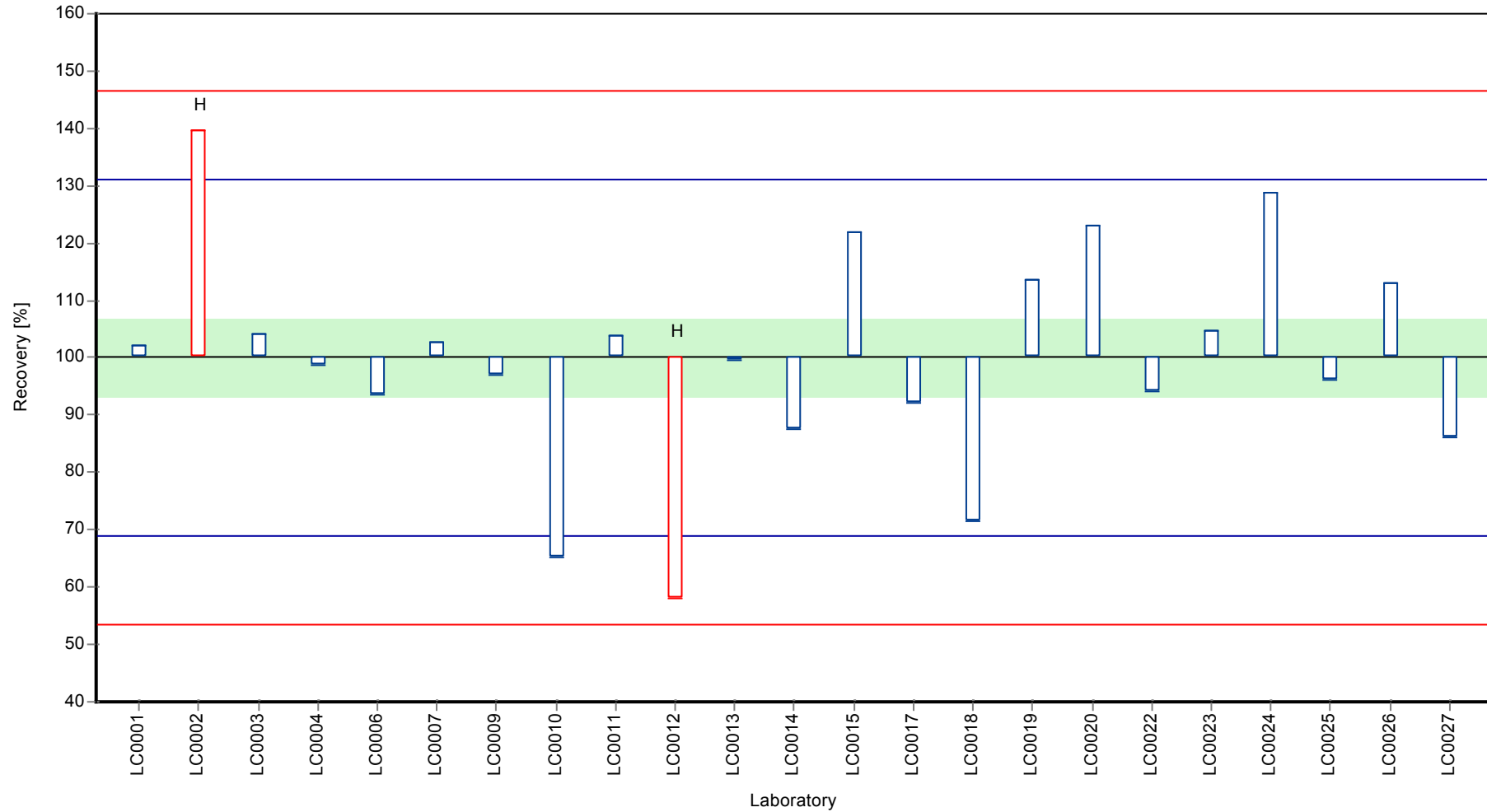
	all results	without outliers	Unit
Mean ± CI (99%)	0.327 ± 0.0393	0.327 ± 0.0332	µg/l
Minimum	0.19	0.213	µg/l
Maximum	0.457	0.421	µg/l
Standard deviation	0.0629	0.0506	µg/l
rel. standard deviation	19.2	15.5 %	
n	23	21	-

Graphical presentation of results

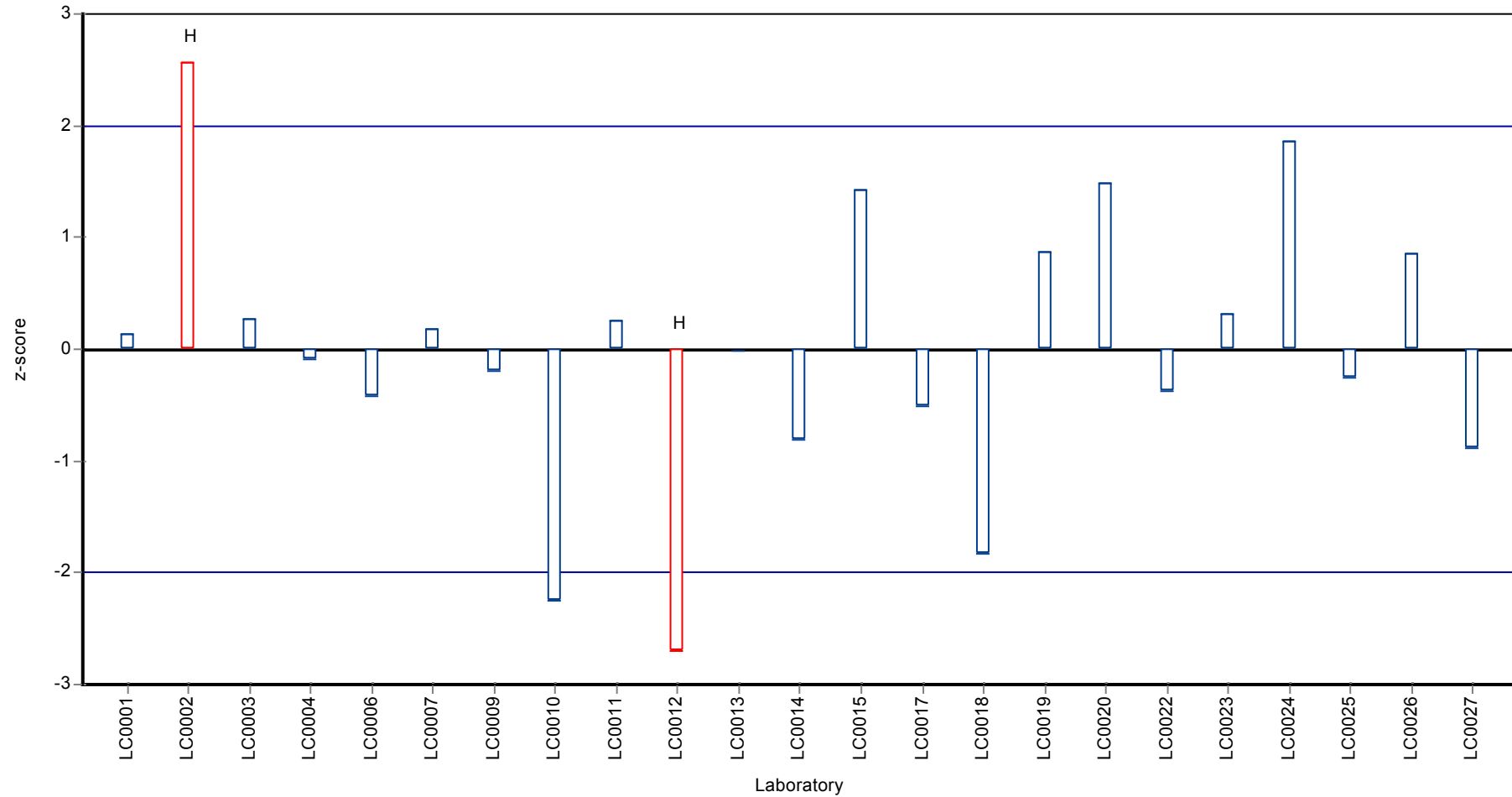
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Metolachlor

Unit	µg/l
Assigned value ± U (k=2)	0.164 ± 0.0112
Criterion	0.0263 (16 %)
Minimum - Maximum	0.12 - 0.217
Control test value ± U (k=2)	0.197 ± 0.0296

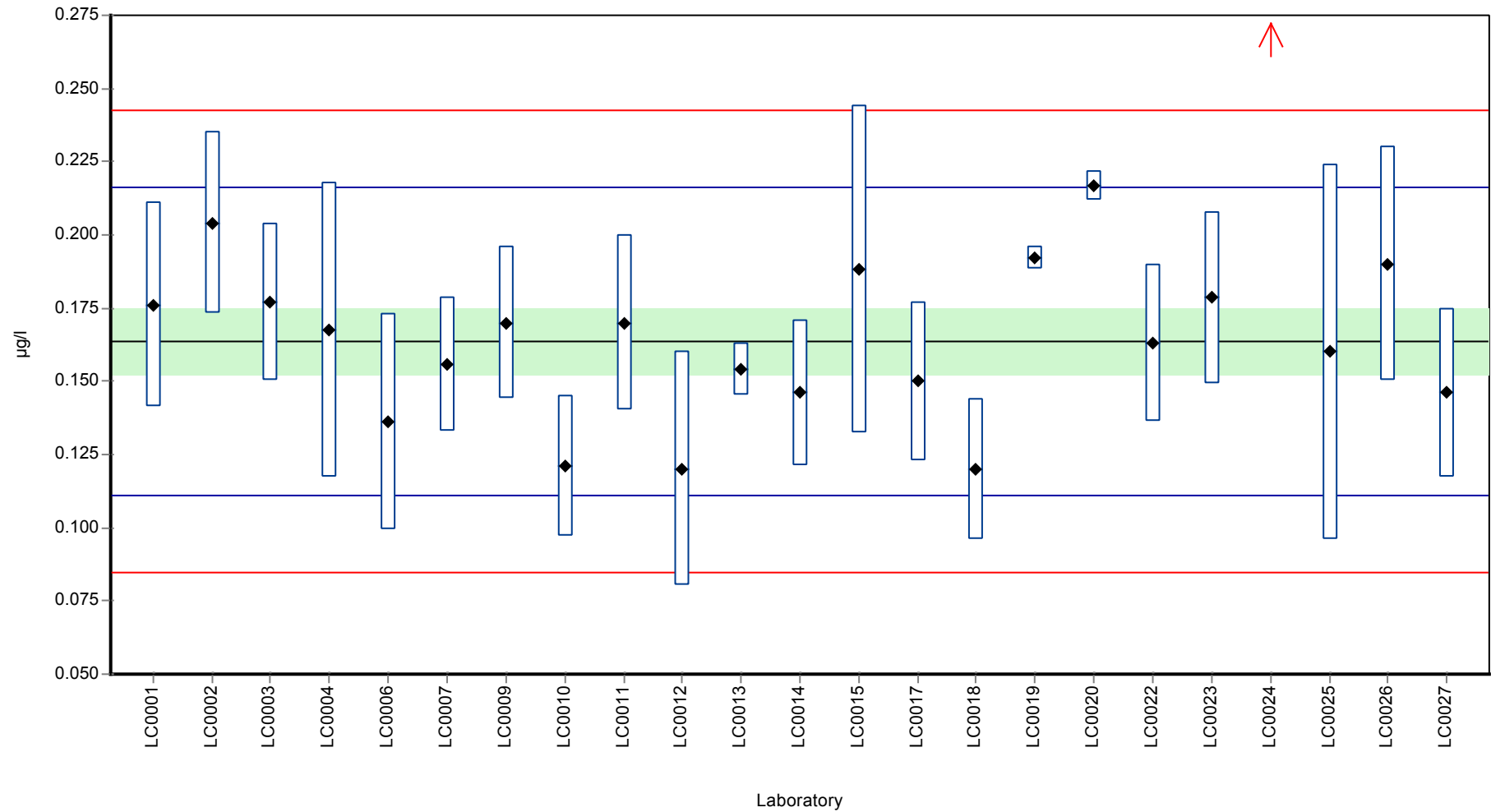
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.176	0.035	107	0.47	
LC0002	0.204	0.031	125	1.53	
LC0003	0.177	0.027	108	0.5	
LC0004	0.1677	0.0503	102	0.15	
LC0005	-	-	-	-	
LC0006	0.136	0.037	83.1	-1.05	
LC0007	0.156	0.023	95.3	-0.29	
LC0008	-	-	-	-	
LC0009	0.17	0.026	104	0.24	
LC0010	0.121	0.024	73.9	-1.62	
LC0011	0.17	0.03	104	0.24	
LC0012	0.12	0.04	73.3	-1.66	
LC0013	0.154	0.009	94.1	-0.37	
LC0014	0.146	0.025	89.2	-0.67	
LC0015	0.188	0.056	115	0.92	
LC0017	0.15	0.027	91.6	-0.52	
LC0018	0.12	0.024	73.3	-1.66	
LC0019	0.192	0.004	117	1.07	
LC0020	0.217	0.005	133	2.02	
LC0021	-	-	-	-	
LC0022	0.163	0.027	99.5	-0.03	
LC0023	0.1786	0.0295	109	0.56	
LC0024	0.296	0.069	181	5.02	H
LC0025	0.16	0.064	97.7	-0.14	
LC0026	0.19	0.04	116	1	
LC0027	0.146	0.029	89.2	-0.67	

Characteristics of parameter

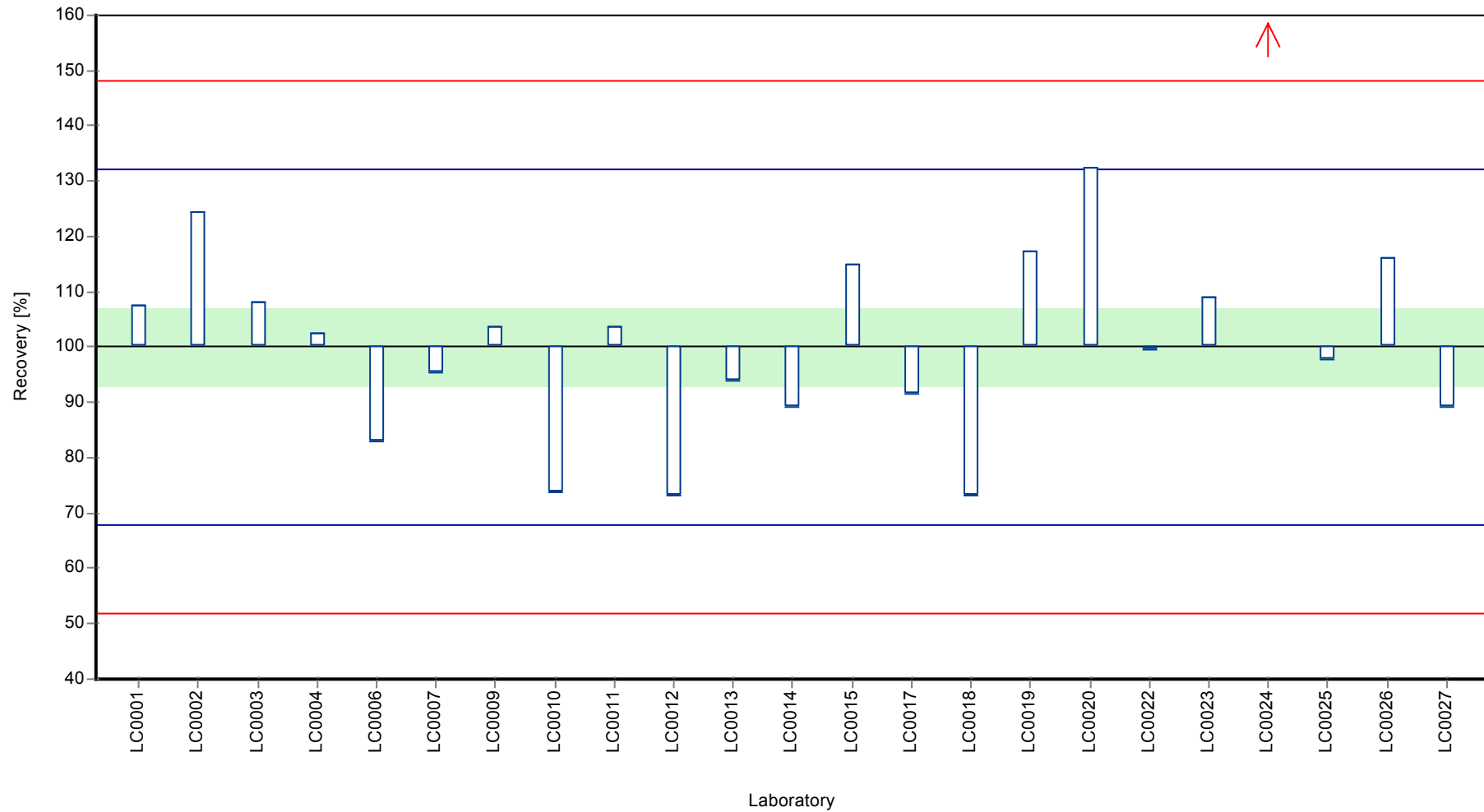
	all results	without outliers	Unit
Mean ± CI (99%)	0.169 ± 0.0236	0.164 ± 0.0169	µg/l
Minimum	0.12	0.12	µg/l
Maximum	0.296	0.217	µg/l
Standard deviation	0.0377	0.0263	µg/l
rel. standard deviation	22.3	16.1 %	
n	23	22	-

Graphical presentation of results

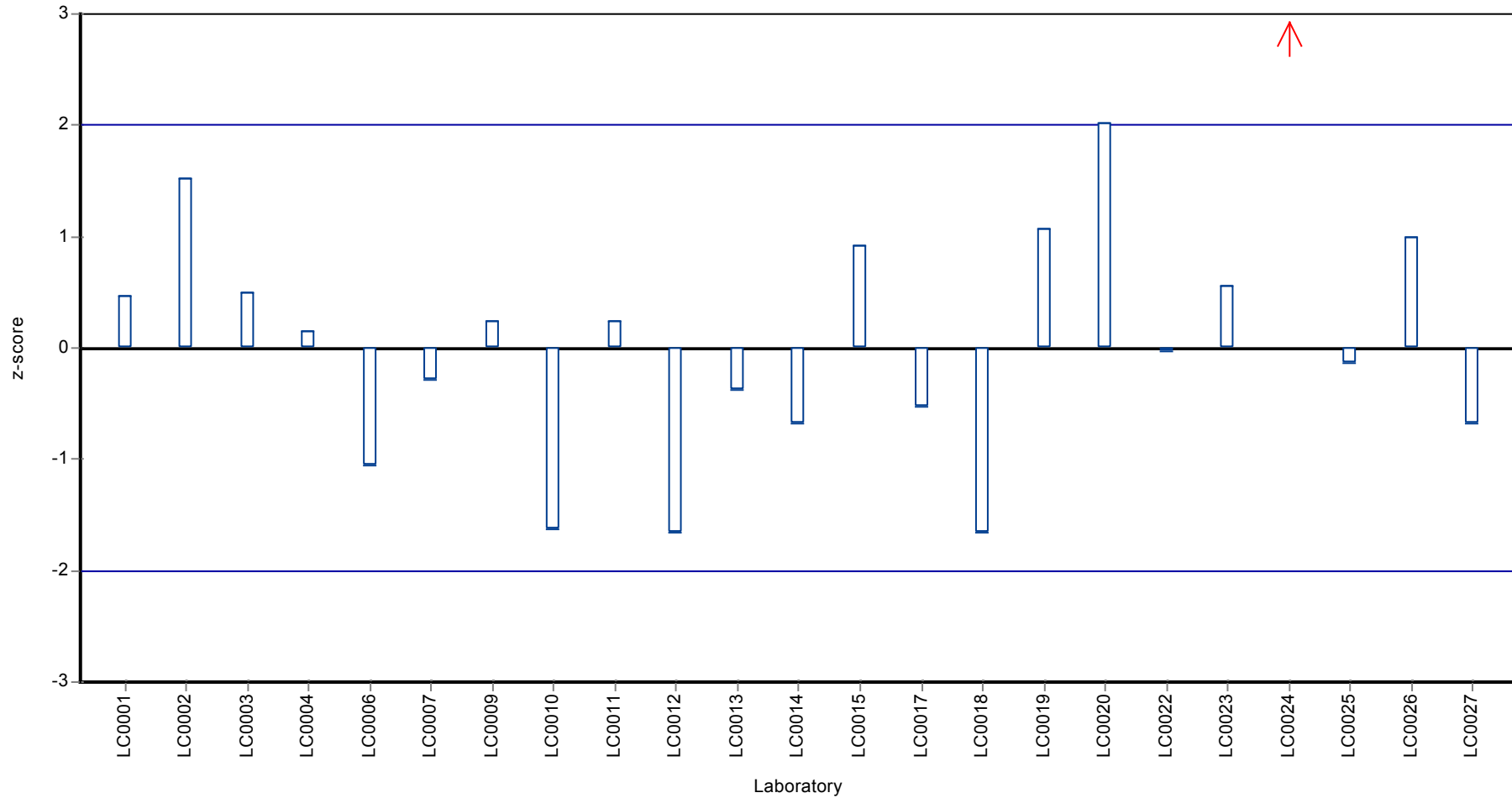
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

N,N-Dimethylsulfamide (DMS)

Unit	µg/l
Assigned value ± U (k=2)	0.457 ± 0.029
Criterion	0.0685 (15 %)
Minimum - Maximum	0.36 - 0.565
Control test value ± U (k=2)	0.441 ± 0.0662

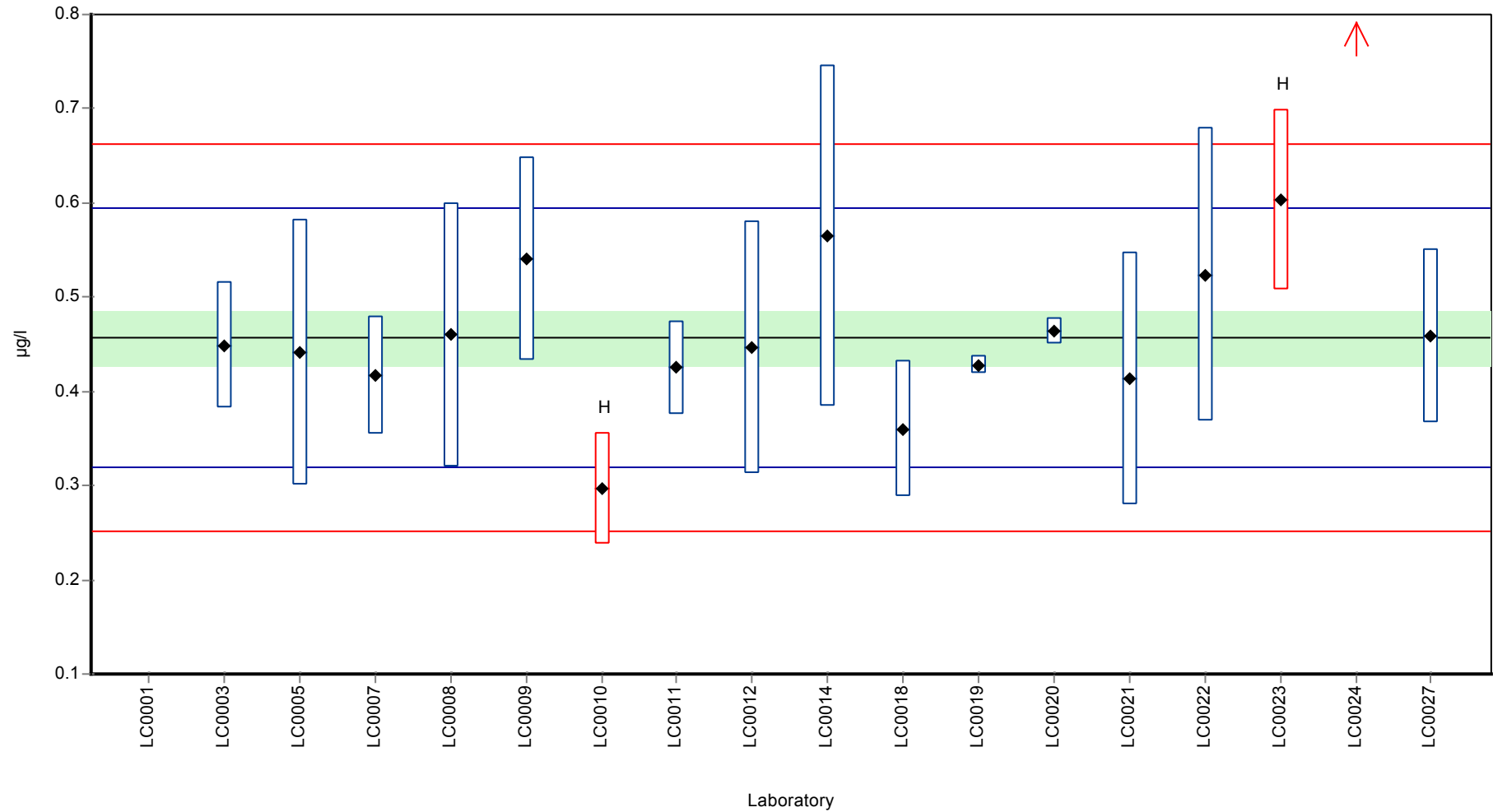
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.1 (LOQ)	-	-	-	FN
LC0002	-	-	-	-	
LC0003	0.449	0.067	98.3	-0.11	
LC0004	-	-	-	-	
LC0005	0.442	0.141	96.8	-0.21	
LC0006	-	-	-	-	
LC0007	0.417	0.063	91.3	-0.58	
LC0008	0.46	0.14	101	0.05	
LC0009	0.54	0.108	118	1.22	
LC0010	0.297	0.059	65	-2.33	H
LC0011	0.425	0.05	93.1	-0.46	
LC0012	0.447	0.134	97.9	-0.14	
LC0013	-	-	-	-	
LC0014	0.565	0.181	124	1.58	
LC0015	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.36	0.072	78.8	-1.41	
LC0019	0.428	0.01	93.7	-0.42	
LC0020	0.464	0.014	102	0.11	
LC0021	0.414	0.134	90.6	-0.62	
LC0022	0.524	0.156	115	0.98	
LC0023	0.6033	0.0958	132	2.14	H
LC0024	0.989	0.232	217	7.77	H
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.459	0.092	101	0.03	

Characteristics of parameter

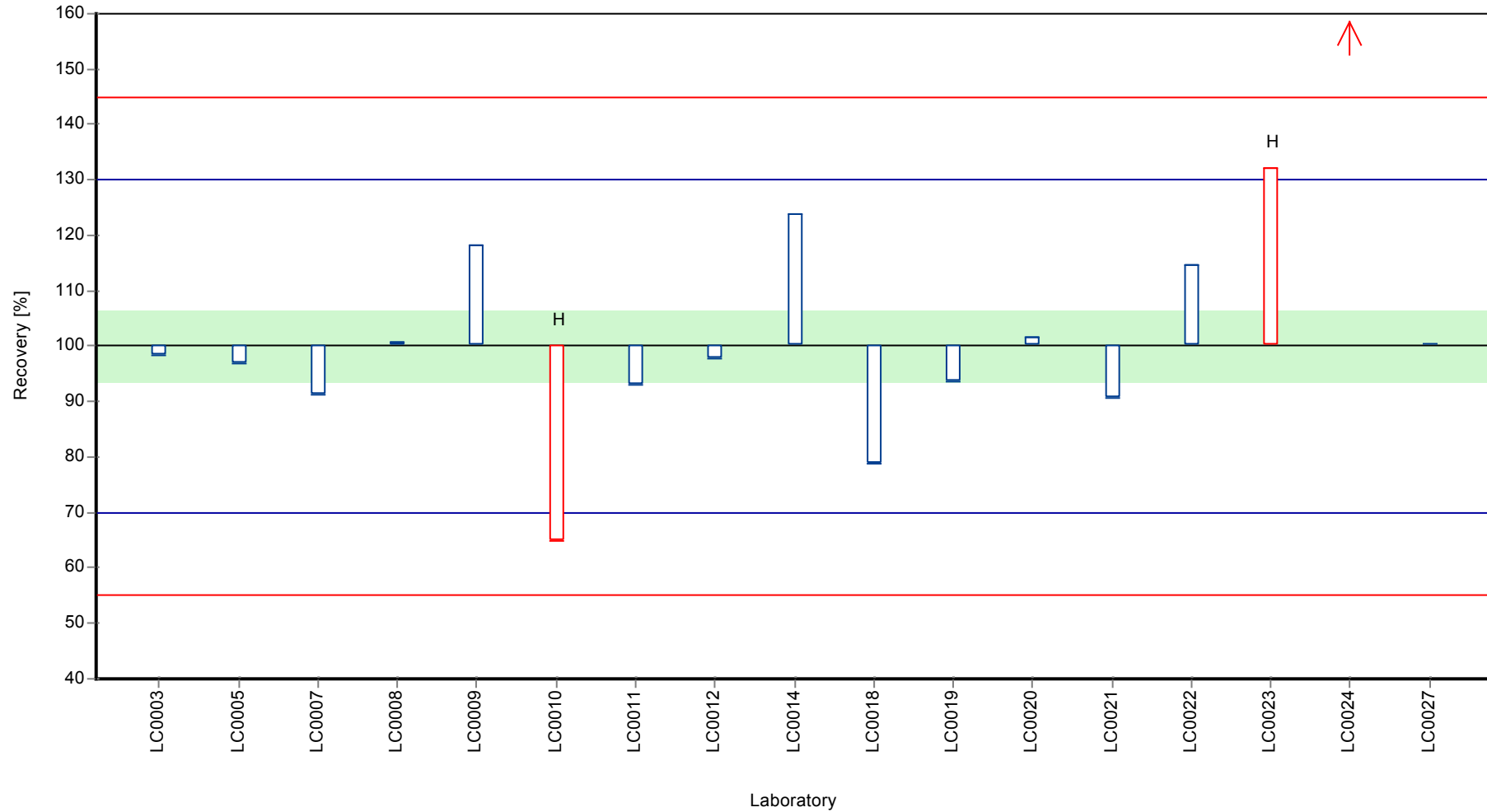
	all results	without outliers	Unit
Mean ± CI (99%)	0.487 ± 0.108	0.457 ± 0.0435	µg/l
Minimum	0.297	0.36	µg/l
Maximum	0.989	0.565	µg/l
Standard deviation	0.148	0.0542	µg/l
rel. standard deviation	30.5	11.9 %	
n	17	14	-

Graphical presentation of results

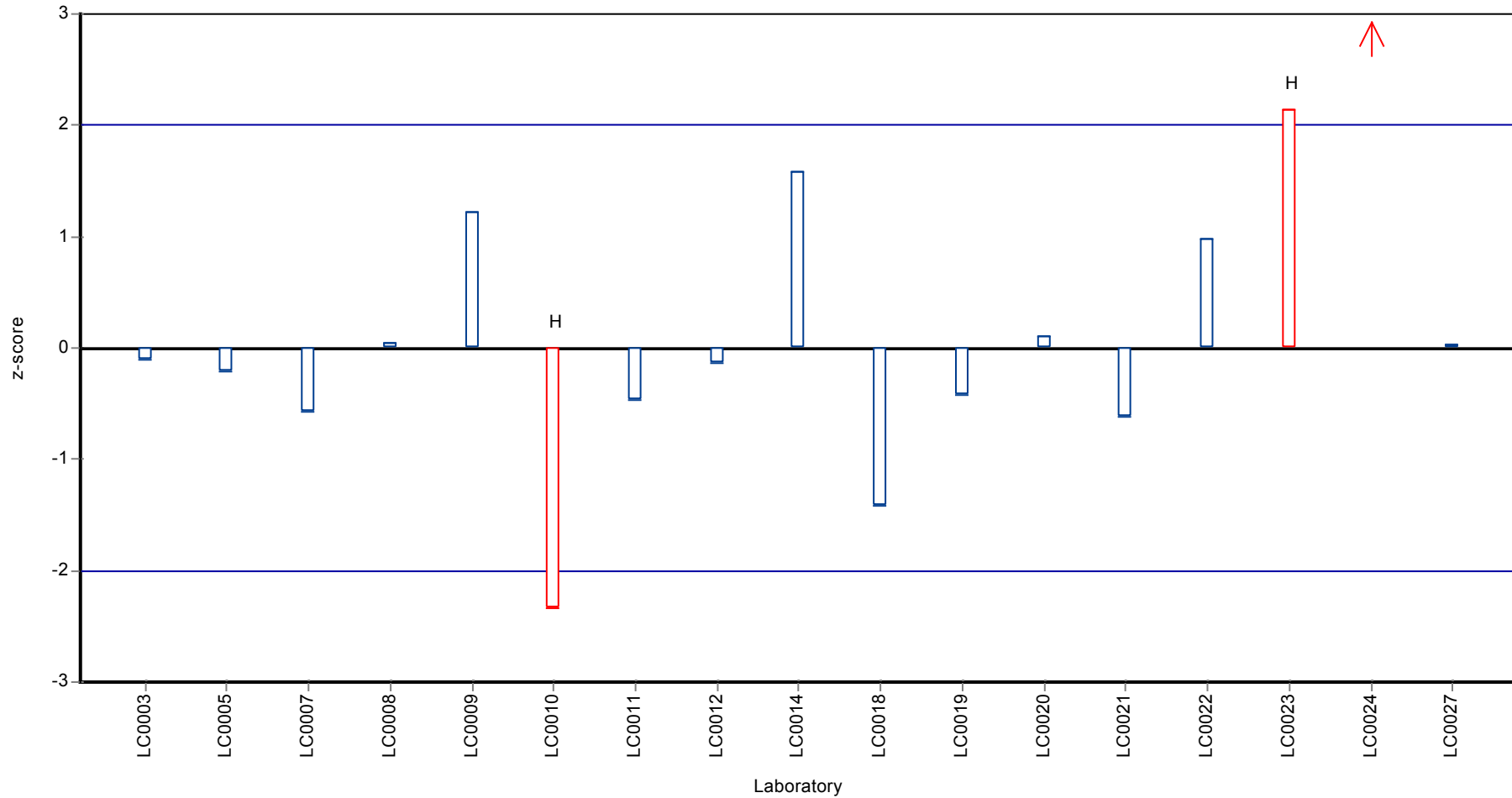
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

N,N-Dimethylsulfamide (DMS)

Unit	µg/l
Assigned value ± U (k=2)	0.786 ± 0.0547
Criterion	0.118 (15 %)
Minimum - Maximum	0.493 - 1
Control test value ± U (k=2)	0.780 ± 0.117

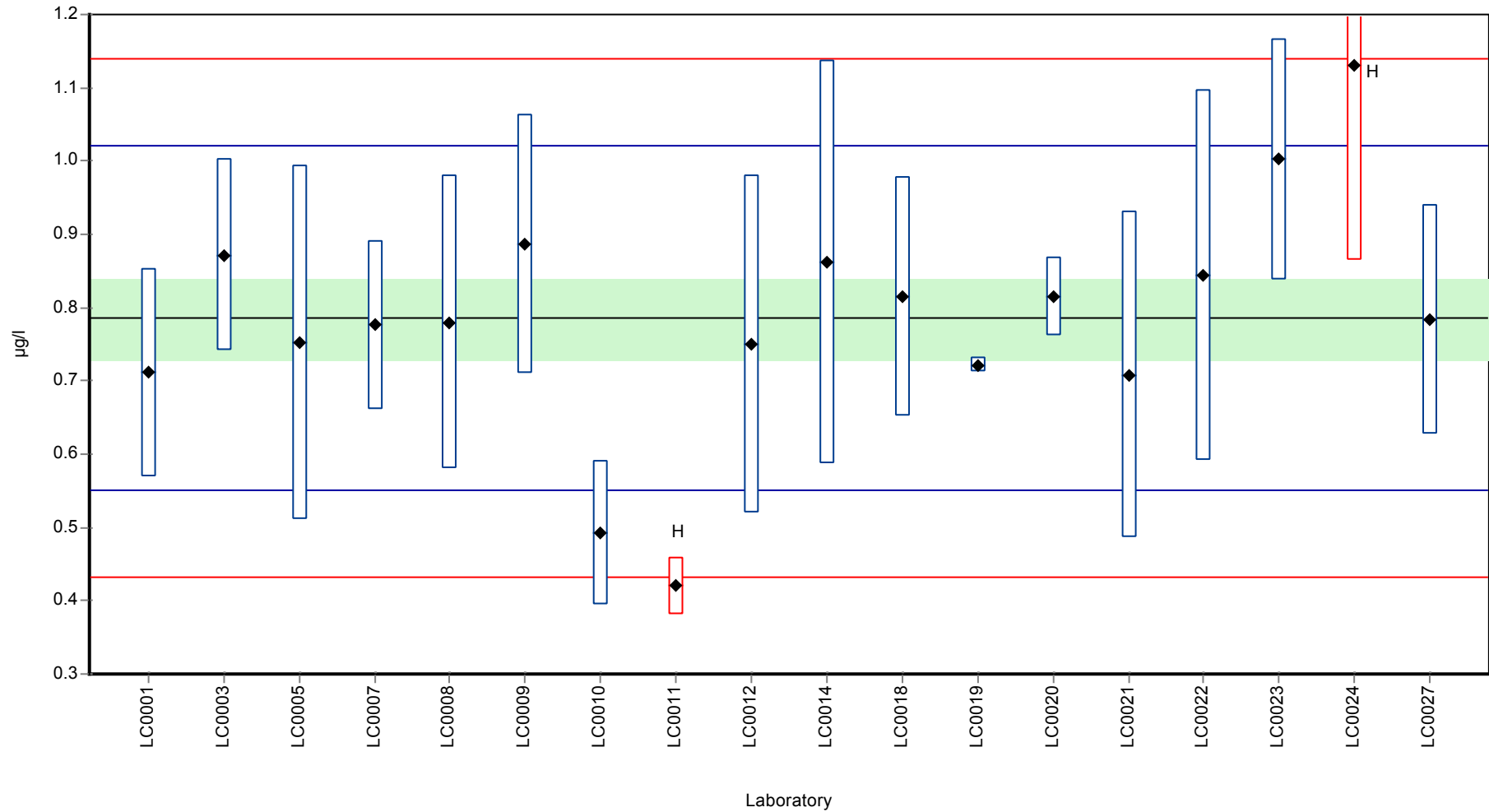
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.711	0.142	90.5	-0.63	
LC0002	-	-	-	-	
LC0003	0.871	0.131	111	0.72	
LC0004	-	-	-	-	
LC0005	0.752	0.241	95.7	-0.28	
LC0006	-	-	-	-	
LC0007	0.776	0.116	98.8	-0.08	
LC0008	0.78	0.2	99.3	-0.05	
LC0009	0.887	0.177	113	0.86	
LC0010	0.493	0.099	62.8	-2.48	
LC0011	0.42	0.04	53.5	-3.1	H
LC0012	0.75	0.23	95.5	-0.3	
LC0013	-	-	-	-	
LC0014	0.862	0.276	110	0.65	
LC0015	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.815	0.163	104	0.25	
LC0019	0.721	0.01	91.8	-0.55	
LC0020	0.815	0.054	104	0.25	
LC0021	0.708	0.223	90.1	-0.66	
LC0022	0.844	0.252	107	0.49	
LC0023	1.002	0.1641	128	1.84	
LC0024	1.13	0.265	144	2.92	H
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.783	0.157	99.7	-0.02	

Characteristics of parameter

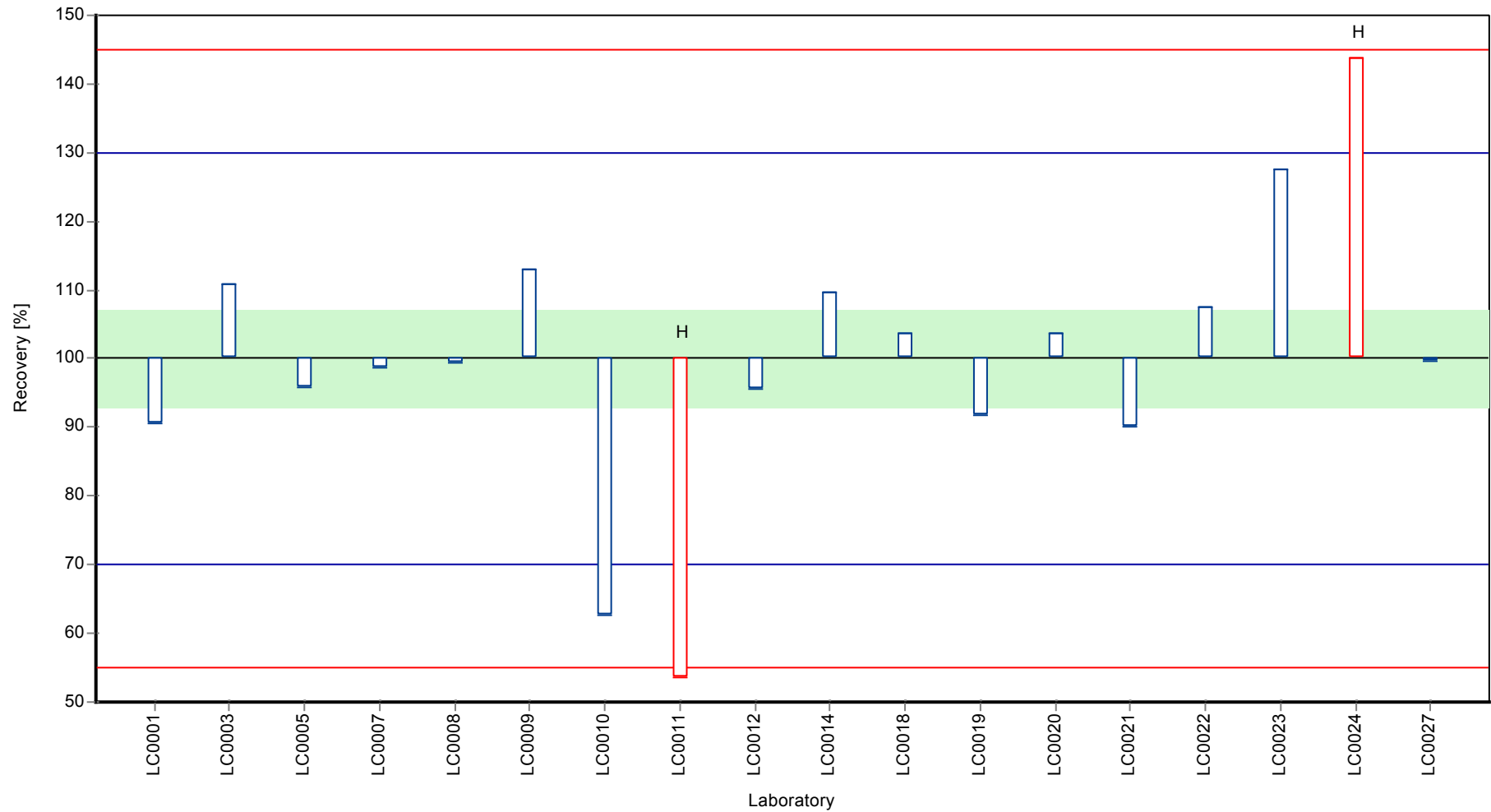
	all results	without outliers	Unit
Mean ± CI (99%)	0.784 ± 0.113	0.786 ± 0.082	µg/l
Minimum	0.42	0.493	µg/l
Maximum	1.13	1	µg/l
Standard deviation	0.159	0.109	µg/l
rel. standard deviation	20.3	13.9 %	
n	18	16	-

Graphical presentation of results

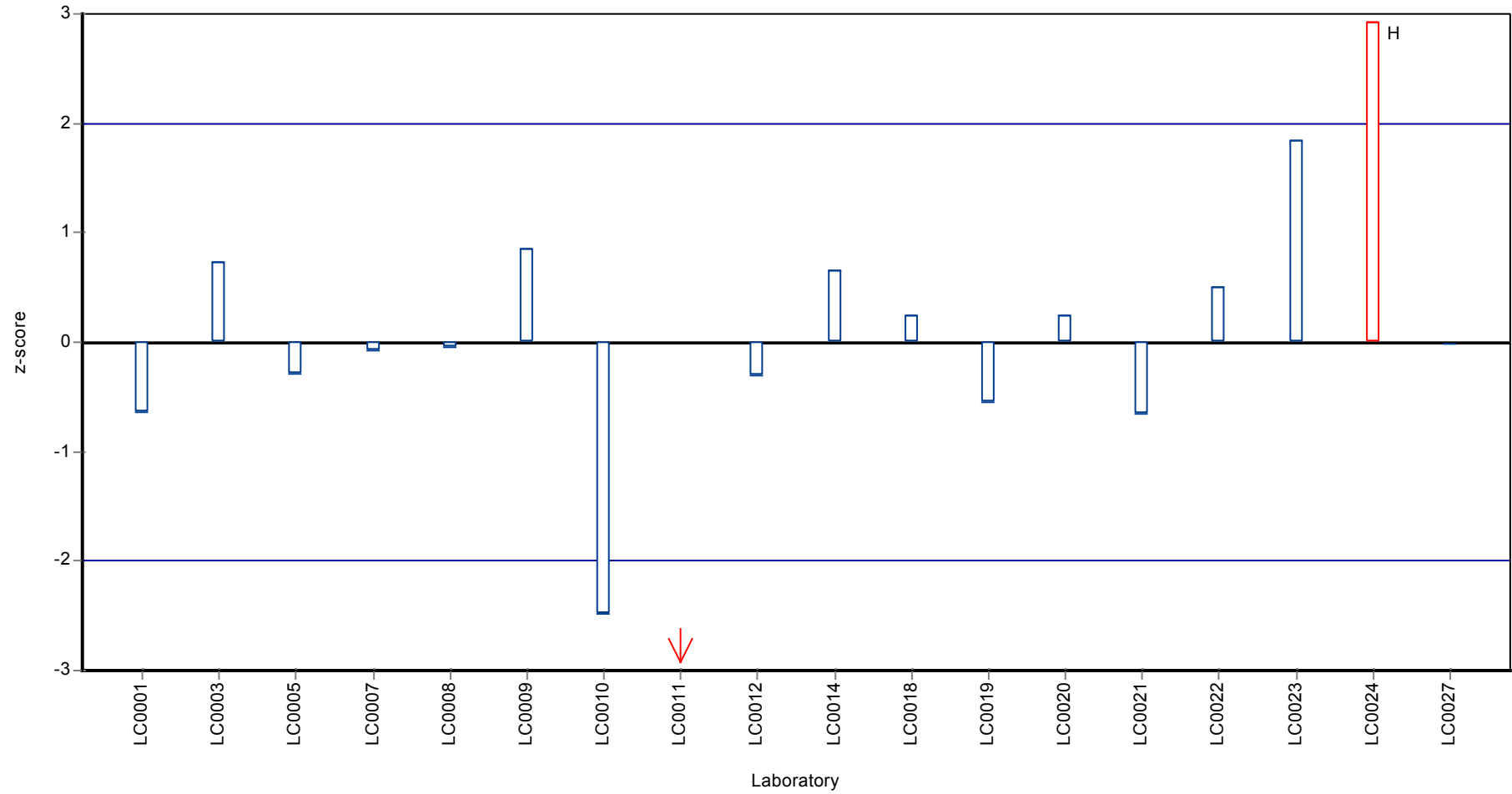
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Nicosulfurone

Unit	µg/l
Assigned value ± U (k=2)	0.171 ± 0.0321
Criterion	0.0533 (31 %)
Minimum - Maximum	0.055 - 0.244
Control test value ± U (k=2)	0.142 ± 0.0213

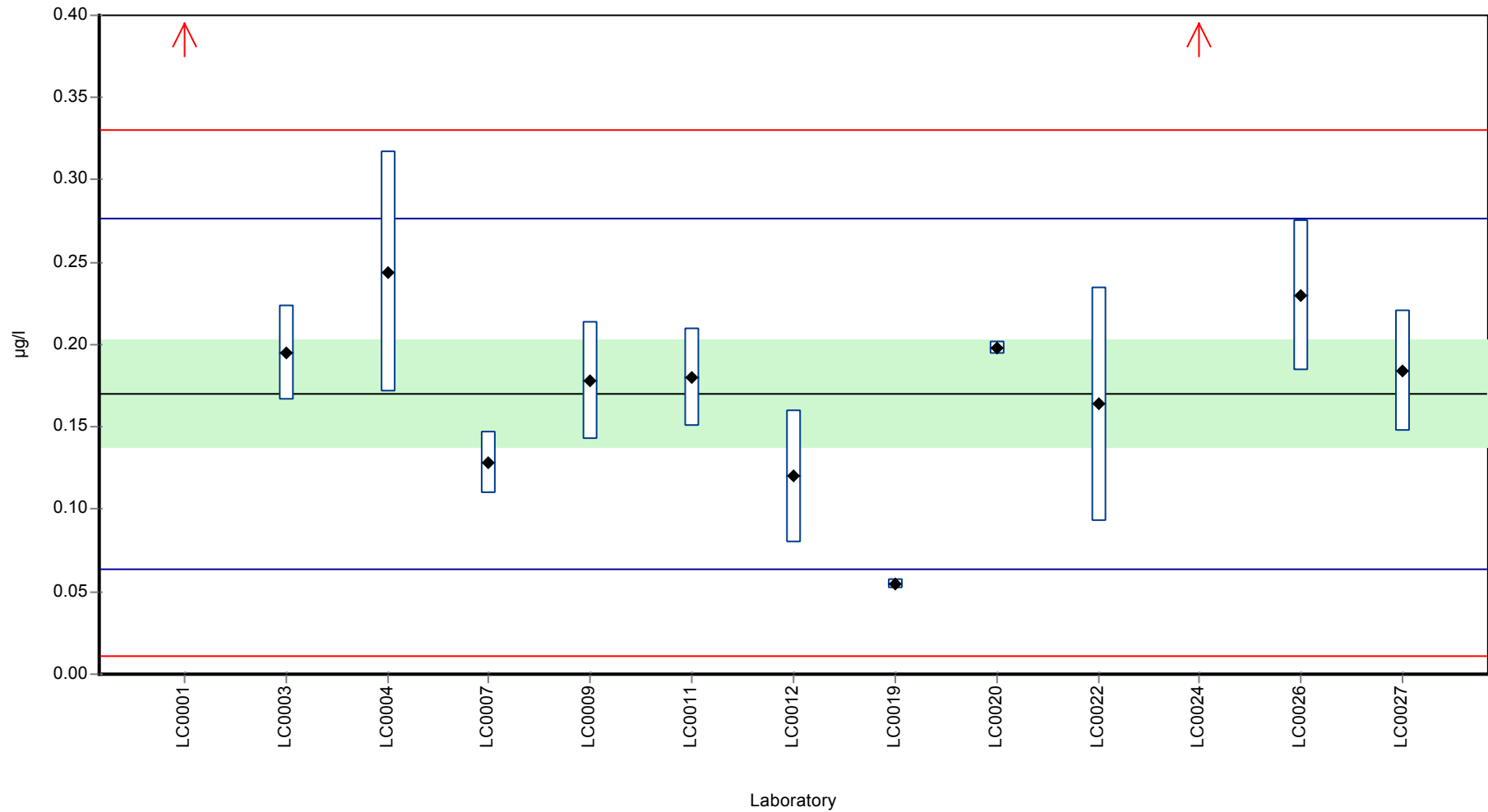
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.444	0.089	260	5.13	H
LC0002	-	-	-	-	
LC0003	0.195	0.029	114	0.46	
LC0004	0.244	0.0732	143	1.38	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.128	0.019	75.1	-0.8	
LC0008	-	-	-	-	
LC0009	0.178	0.036	104	0.14	
LC0010	-	-	-	-	
LC0011	0.18	0.03	106	0.18	
LC0012	0.12	0.04	70.4	-0.95	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.055	0.003	32.2	-2.17	
LC0020	0.198	0.004	116	0.52	
LC0021	-	-	-	-	
LC0022	0.164	0.071	96.2	-0.12	
LC0023	-	-	-	-	
LC0024	0.769	0.18	451	11.2	H
LC0025	-	-	-	-	
LC0026	0.23	0.046	135	1.12	
LC0027	0.184	0.037	108	0.25	

Characteristics of parameter

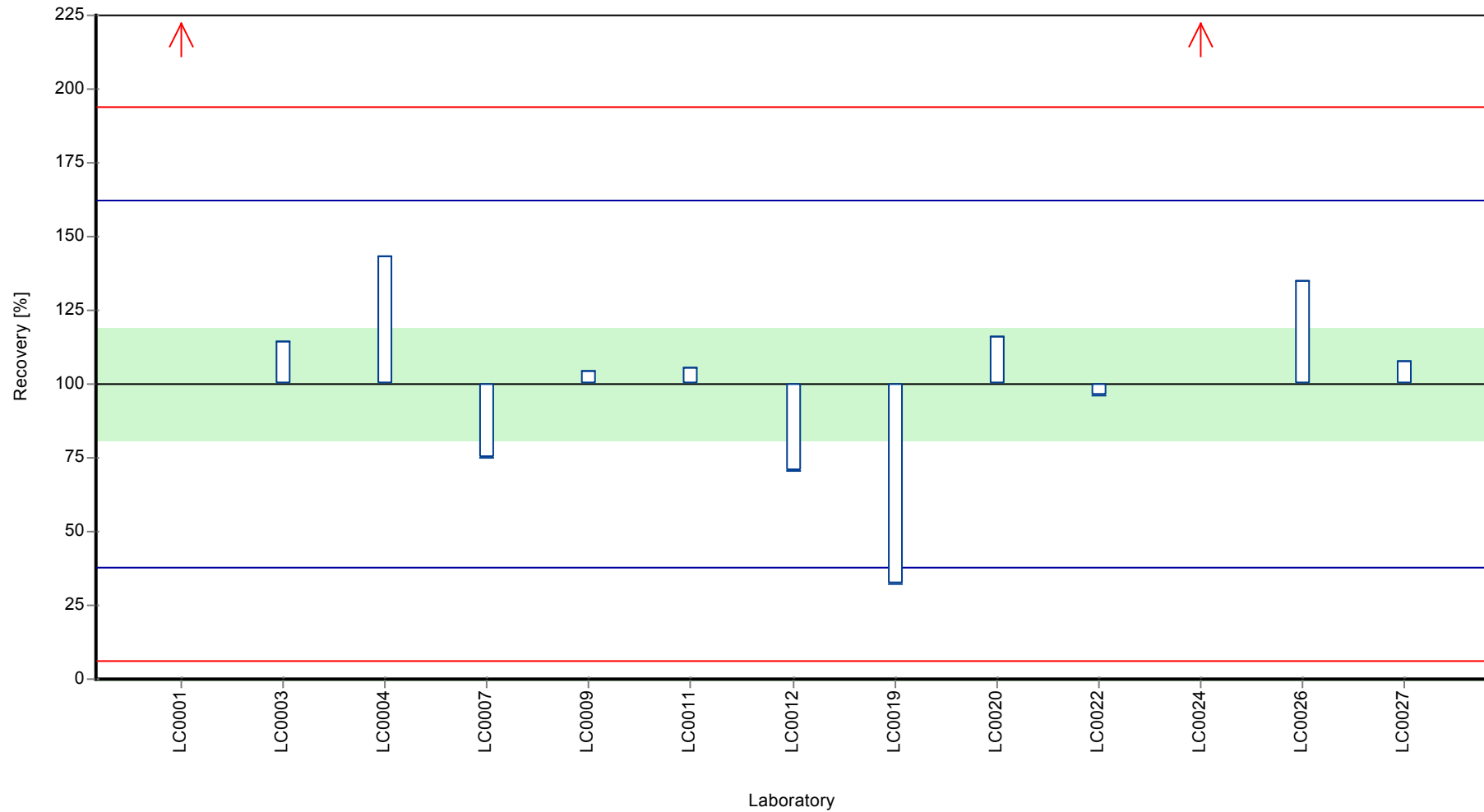
	all results	without outliers	Unit
Mean ± CI (99%)	0.238 ± 0.152	0.171 ± 0.0482	µg/l
Minimum	0.055	0.055	µg/l
Maximum	0.769	0.244	µg/l
Standard deviation	0.183	0.0533	µg/l
rel. standard deviation	77.1	31.2	%
n	13	11	-

Graphical presentation of results

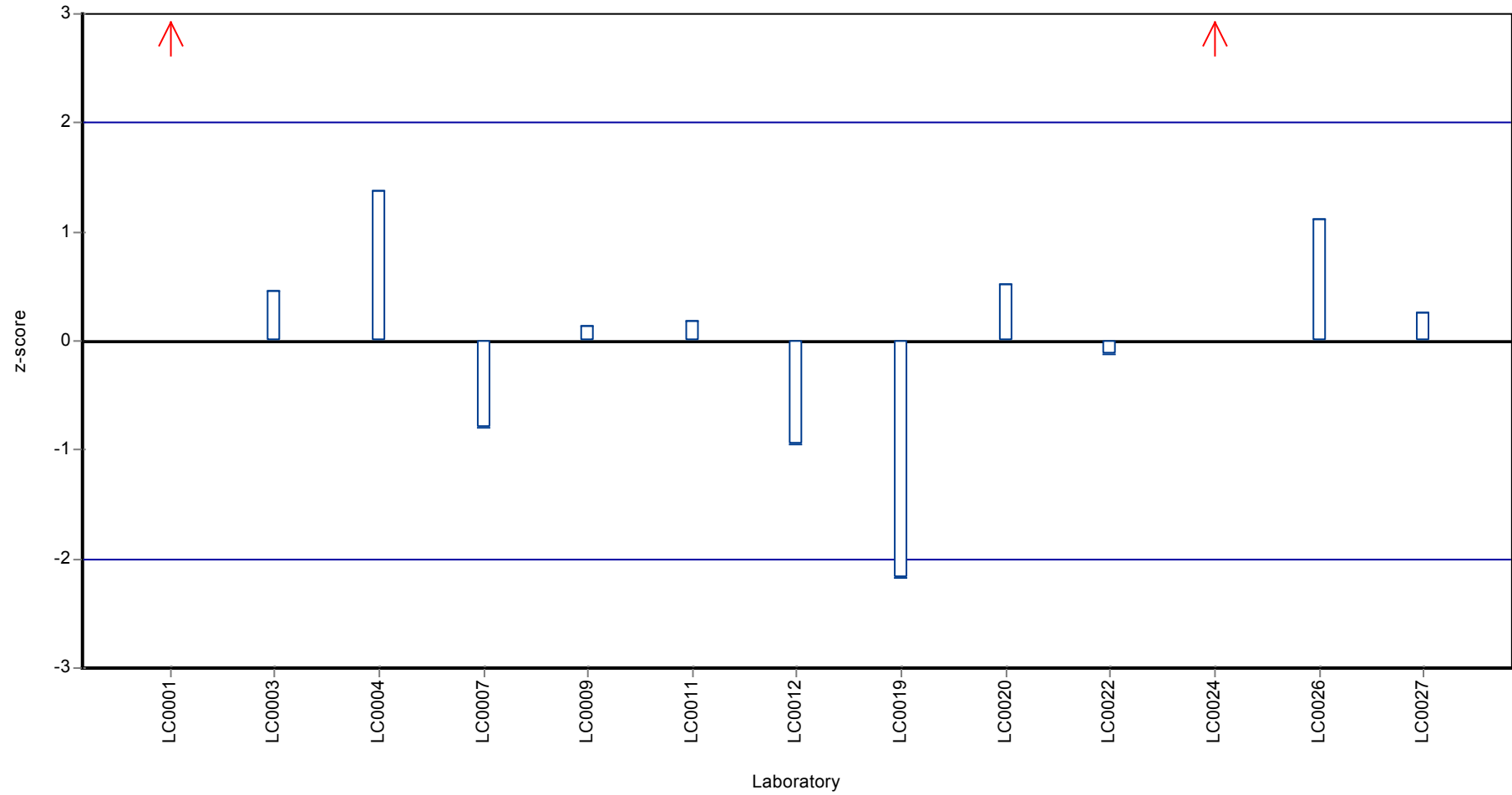
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Nicosulfurone

Unit	µg/l
Assigned value ± U (k=2)	0.287 ± 0.0545
Criterion	0.0903 (31 %)
Minimum - Maximum	0.091 - 0.4
Control test value ± U (k=2)	0.248 ± 0.0373

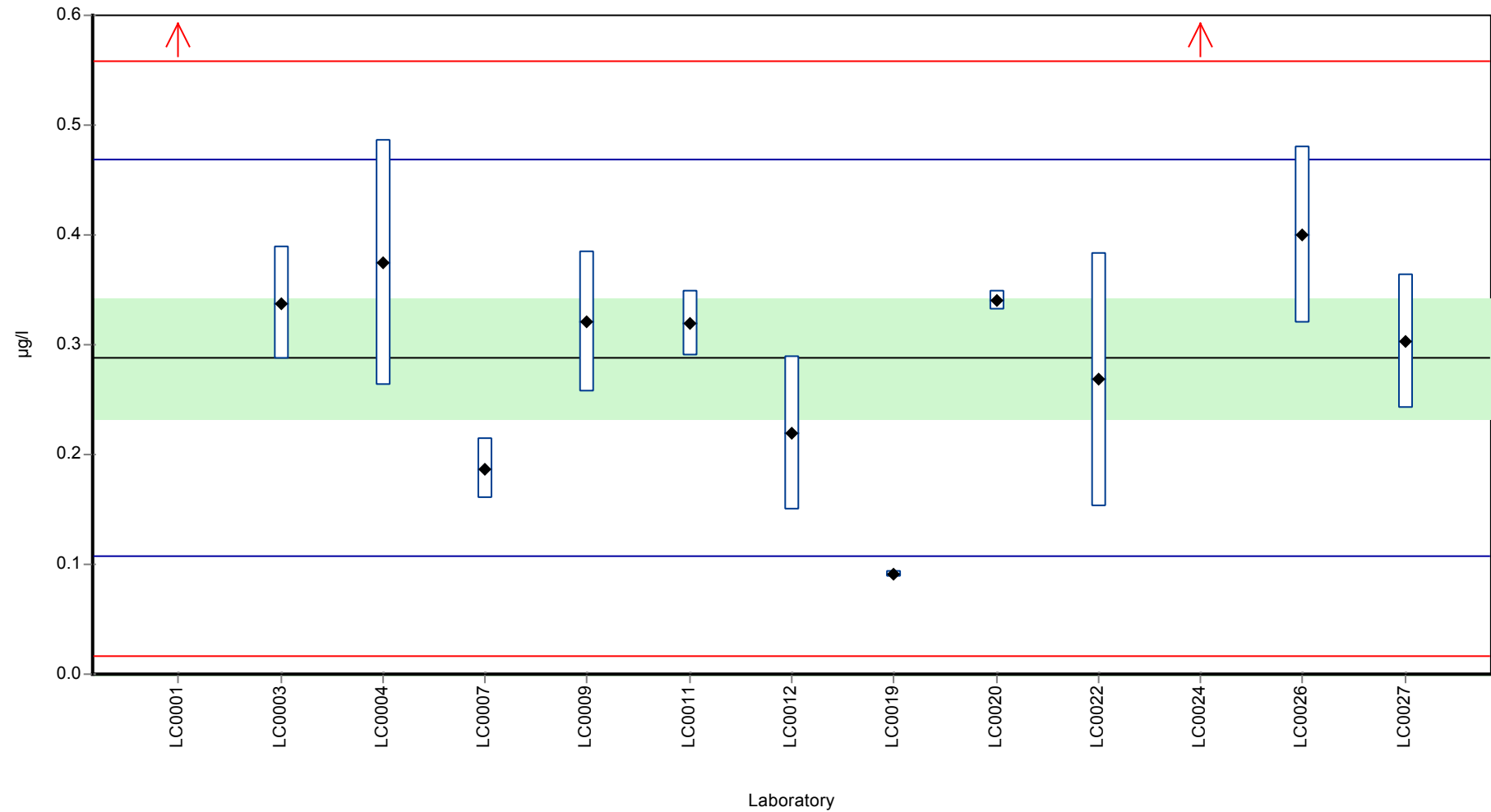
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.841	0.168	293	6.13	H
LC0002	-	-	-	-	
LC0003	0.338	0.051	118	0.56	
LC0004	0.3744	0.1123	130	0.96	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.187	0.028	65	-1.11	
LC0008	-	-	-	-	
LC0009	0.321	0.064	112	0.37	
LC0010	-	-	-	-	
LC0011	0.32	0.03	111	0.36	
LC0012	0.22	0.07	76.5	-0.75	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.091	0.003	31.7	-2.18	
LC0020	0.34	0.009	118	0.58	
LC0021	-	-	-	-	
LC0022	0.268	0.116	93.2	-0.22	
LC0023	-	-	-	-	
LC0024	0.909	0.213	316	6.88	H
LC0025	-	-	-	-	
LC0026	0.4	0.08	139	1.25	
LC0027	0.303	0.061	105	0.17	

Characteristics of parameter

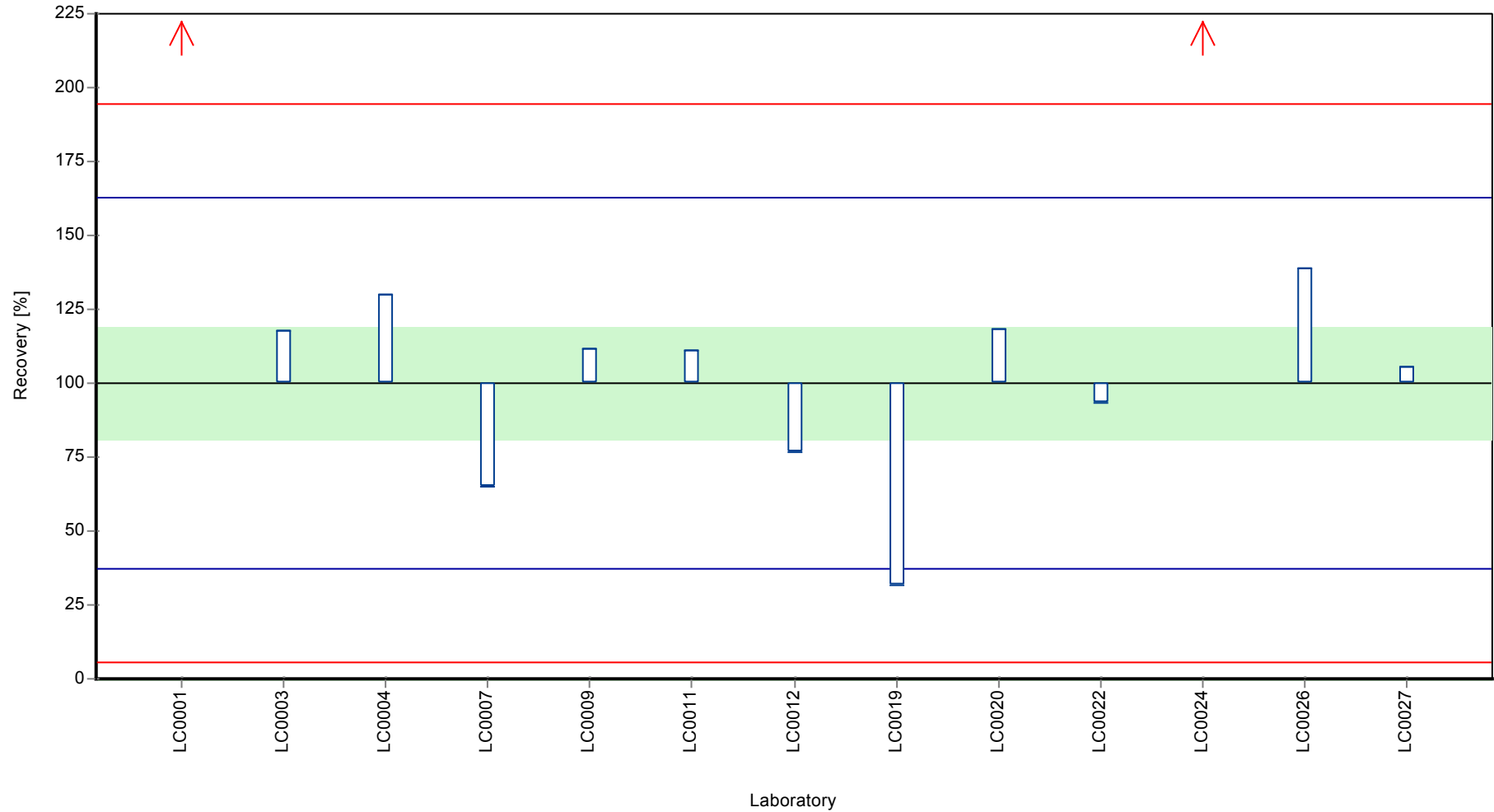
	all results	without outliers	Unit
Mean ± CI (99%)	0.378 ± 0.196	0.287 ± 0.0817	µg/l
Minimum	0.091	0.091	µg/l
Maximum	0.909	0.4	µg/l
Standard deviation	0.236	0.0903	µg/l
rel. standard deviation	62.4	31.4	%
n	13	11	-

Graphical presentation of results

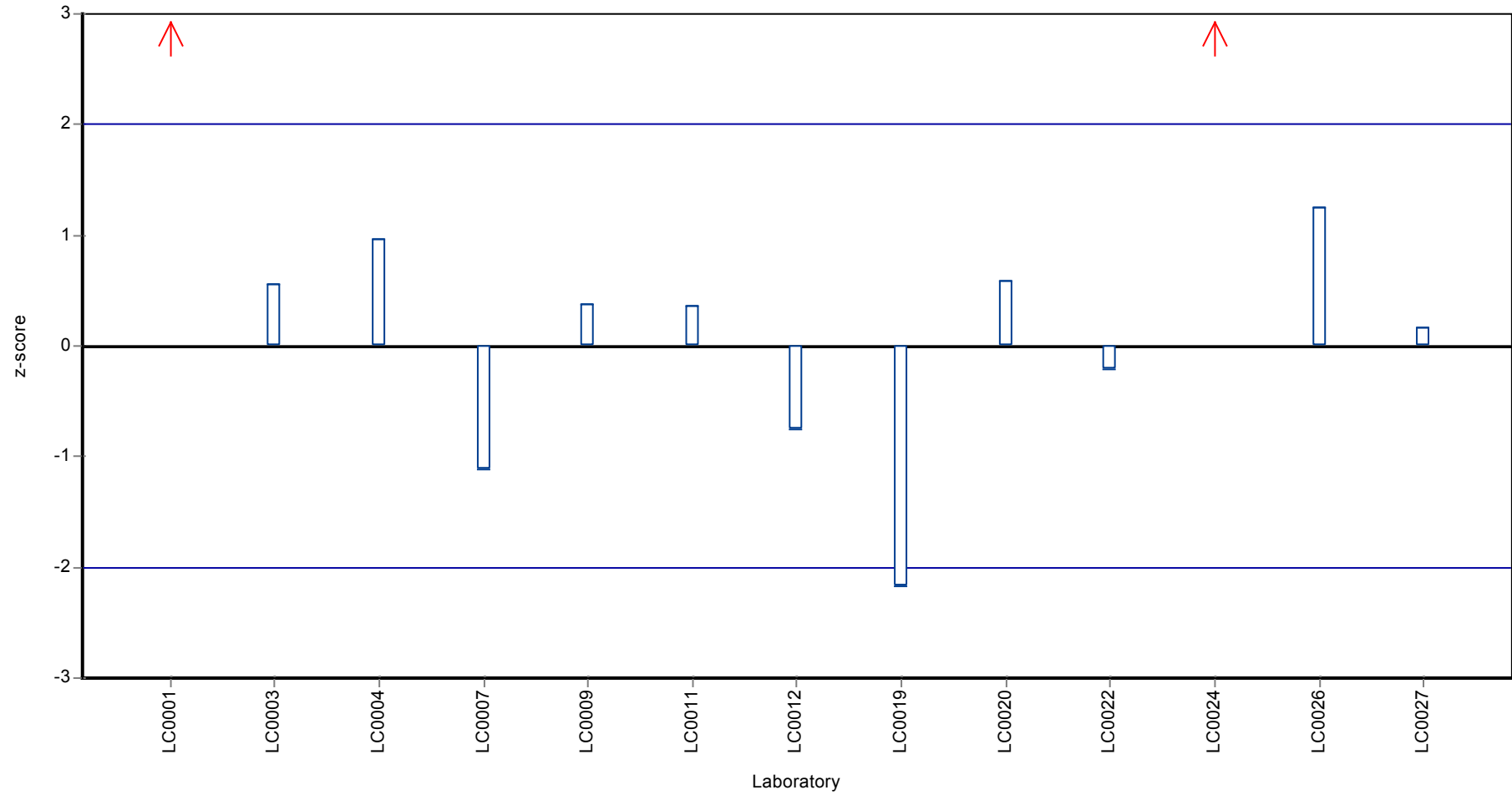
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Prometryn

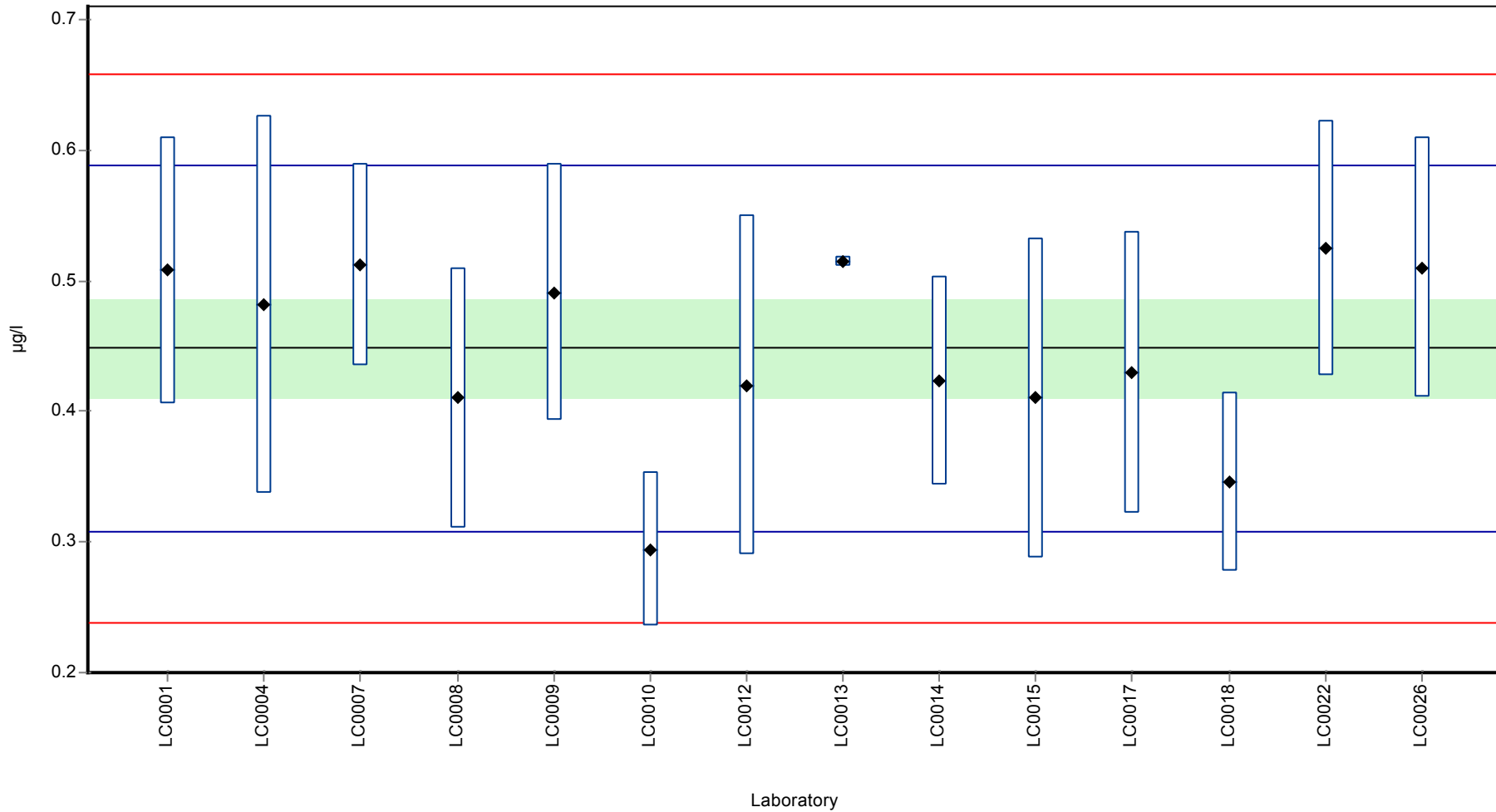
Unit	µg/l
Assigned value ± U (k=2)	0.448 ± 0.0374
Criterion	0.07 (16 %)
Minimum - Maximum	0.294 - 0.525
Control test value ± U (k=2)	0.565 ± 0.0848

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.508	0.102	113	0.85	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.4821	0.1446	108	0.48	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.512	0.077	114	0.91	
LC0008	0.41	0.1	91.5	-0.55	
LC0009	0.491	0.098	110	0.61	
LC0010	0.294	0.059	65.6	-2.2	
LC0011	-	-	-	-	
LC0012	0.42	0.13	93.7	-0.4	
LC0013	0.515	0.004	115	0.95	
LC0014	0.423	0.08	94.4	-0.36	
LC0015	0.41	0.123	91.5	-0.55	
LC0017	0.43	0.108	95.9	-0.26	
LC0018	0.346	0.069	77.2	-1.46	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.525	0.098	117	1.1	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.51	0.1	114	0.88	
LC0027	-	-	-	-	

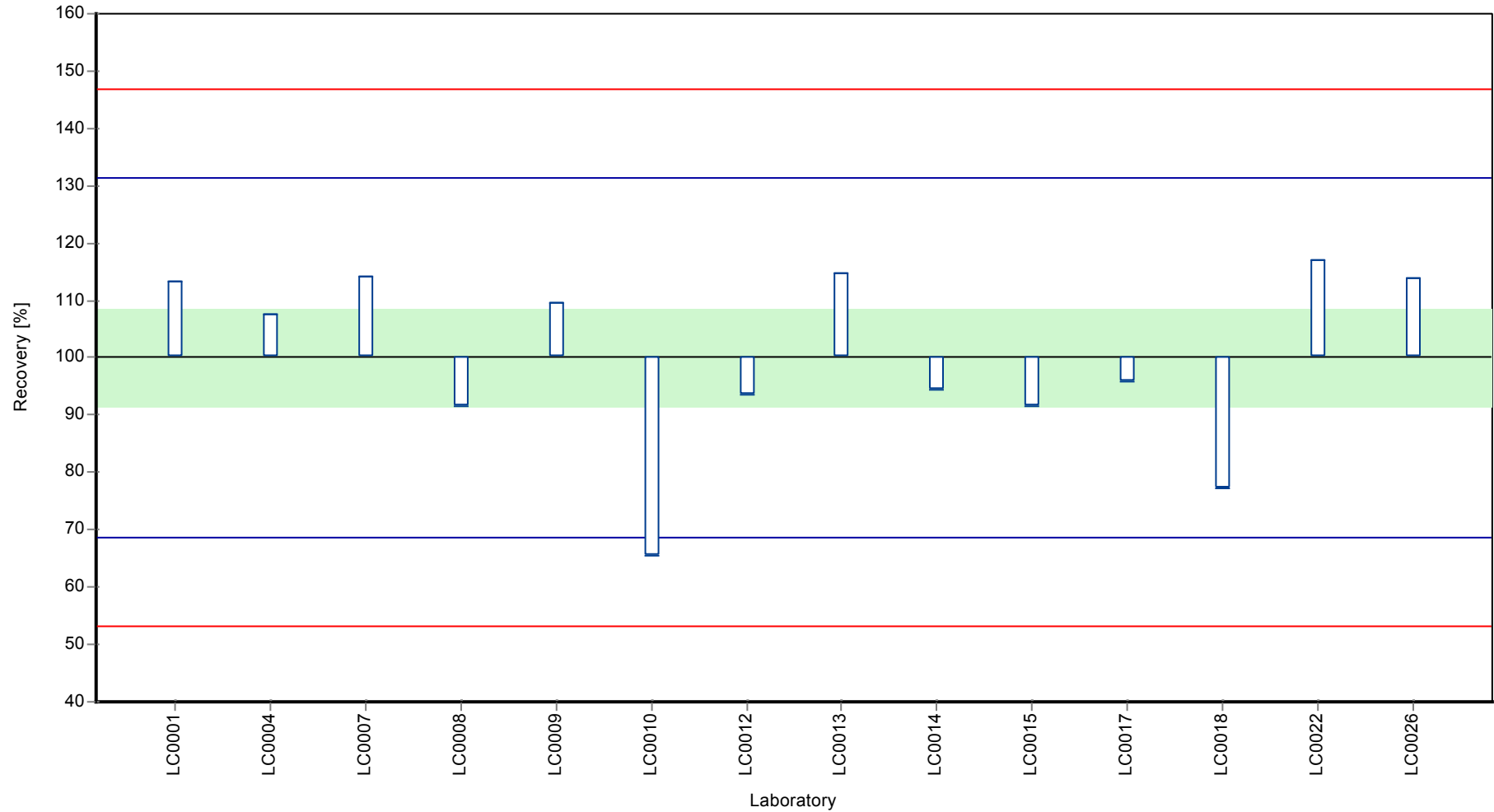
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.448 ± 0.0561	0.448 ± 0.0561	µg/l
Minimum	0.294	0.294	µg/l
Maximum	0.525	0.525	µg/l
Standard deviation	0.07	0.07	µg/l
rel. standard deviation	15.6	15.6	%
n	14	14	-

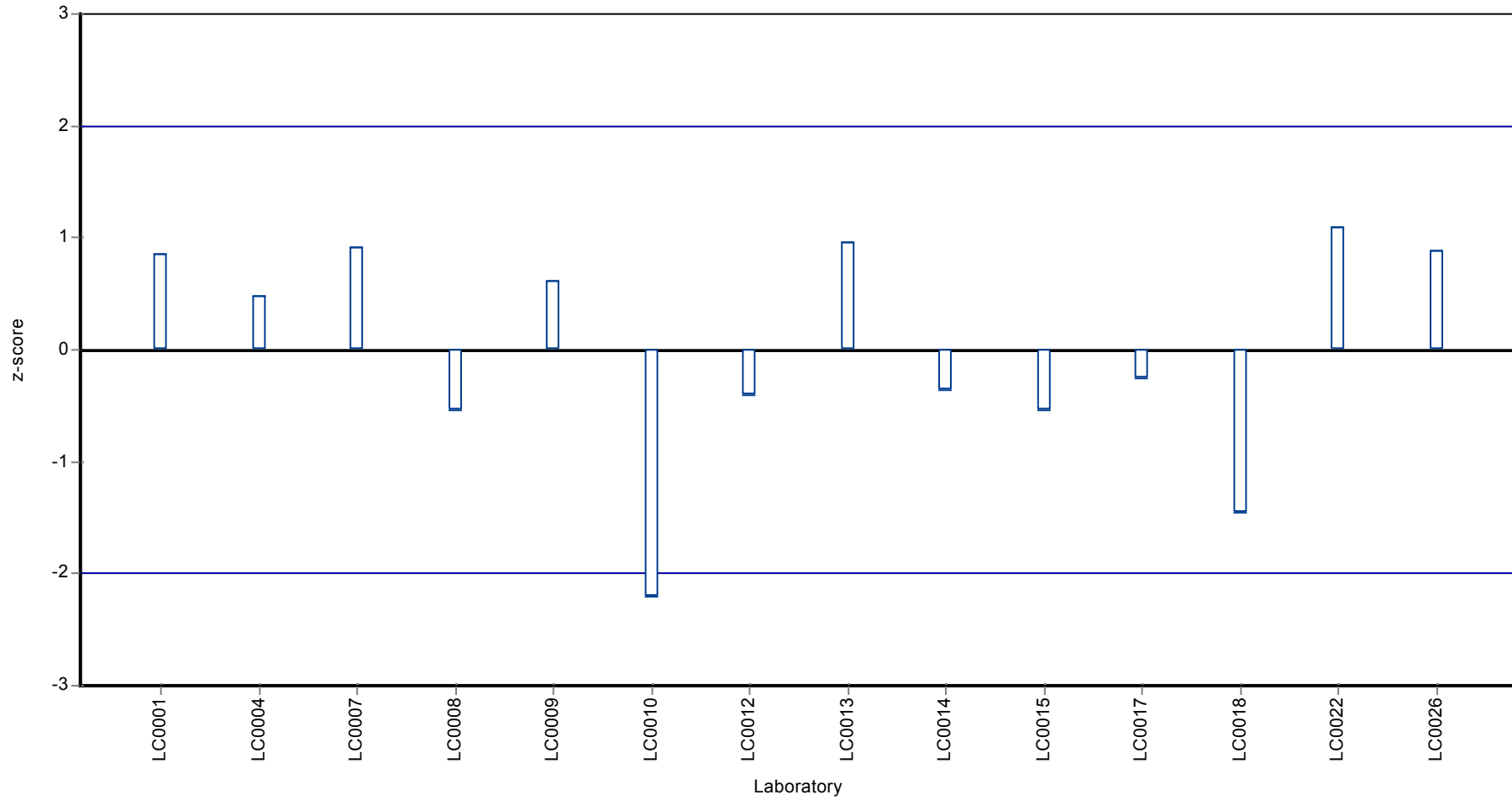
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Prometryn

Unit	µg/l
Assigned value ± U (k=2)	0.519 ± 0.0417
Criterion	0.0781 (15 %)
Minimum - Maximum	0.317 - 0.601
Control test value ± U (k=2)	0.623 ± 0.0934

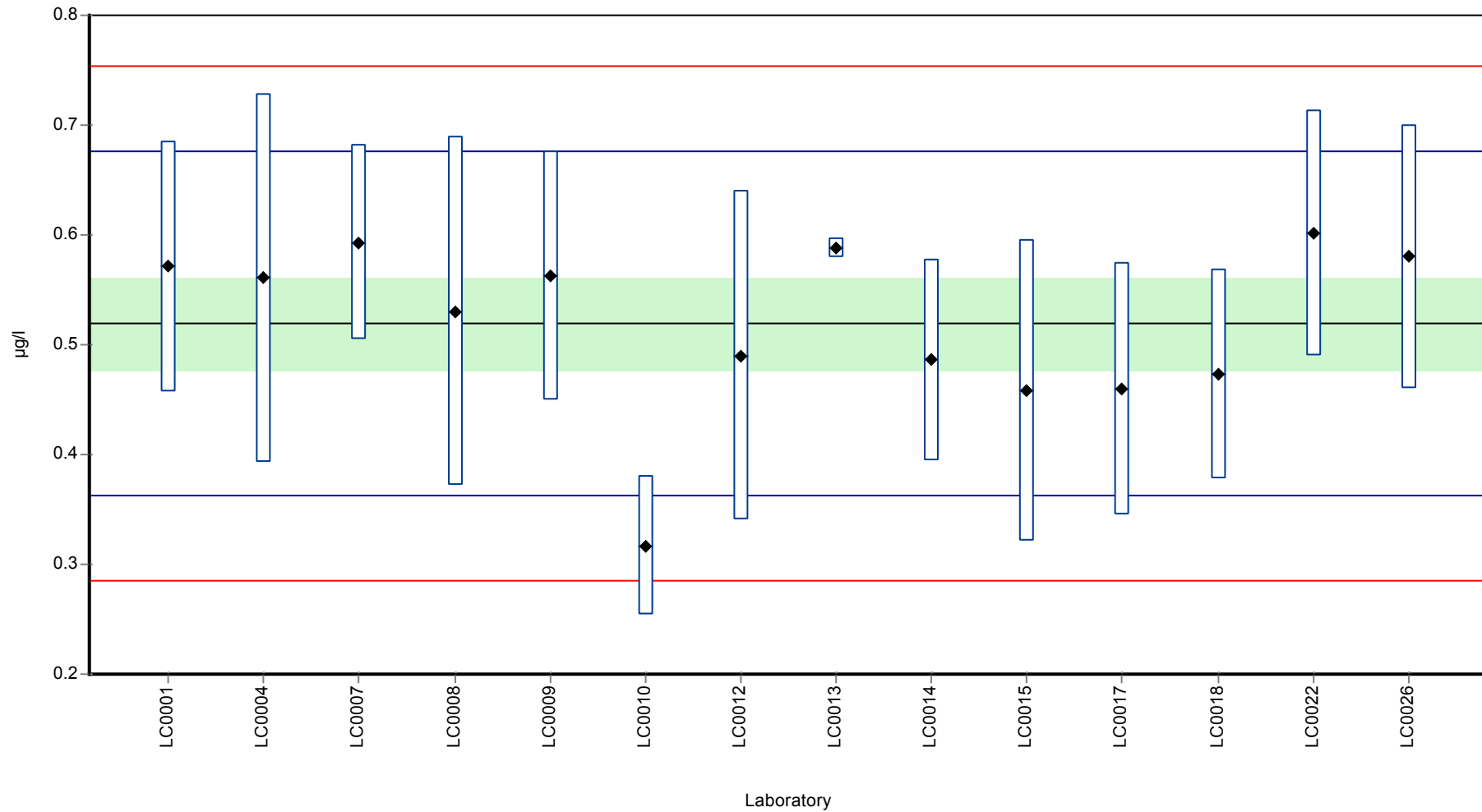
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.571	0.114	110	0.66	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.5607	0.1682	108	0.53	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.593	0.089	114	0.94	
LC0008	0.53	0.159	102	0.14	
LC0009	0.563	0.113	108	0.56	
LC0010	0.317	0.063	61	-2.59	
LC0011	-	-	-	-	
LC0012	0.49	0.15	94.4	-0.38	
LC0013	0.588	0.009	113	0.88	
LC0014	0.486	0.092	93.6	-0.43	
LC0015	0.458	0.137	88.2	-0.79	
LC0017	0.46	0.115	88.6	-0.76	
LC0018	0.473	0.095	91.1	-0.59	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.601	0.112	116	1.05	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.58	0.12	112	0.78	
LC0027	-	-	-	-	

Characteristics of parameter

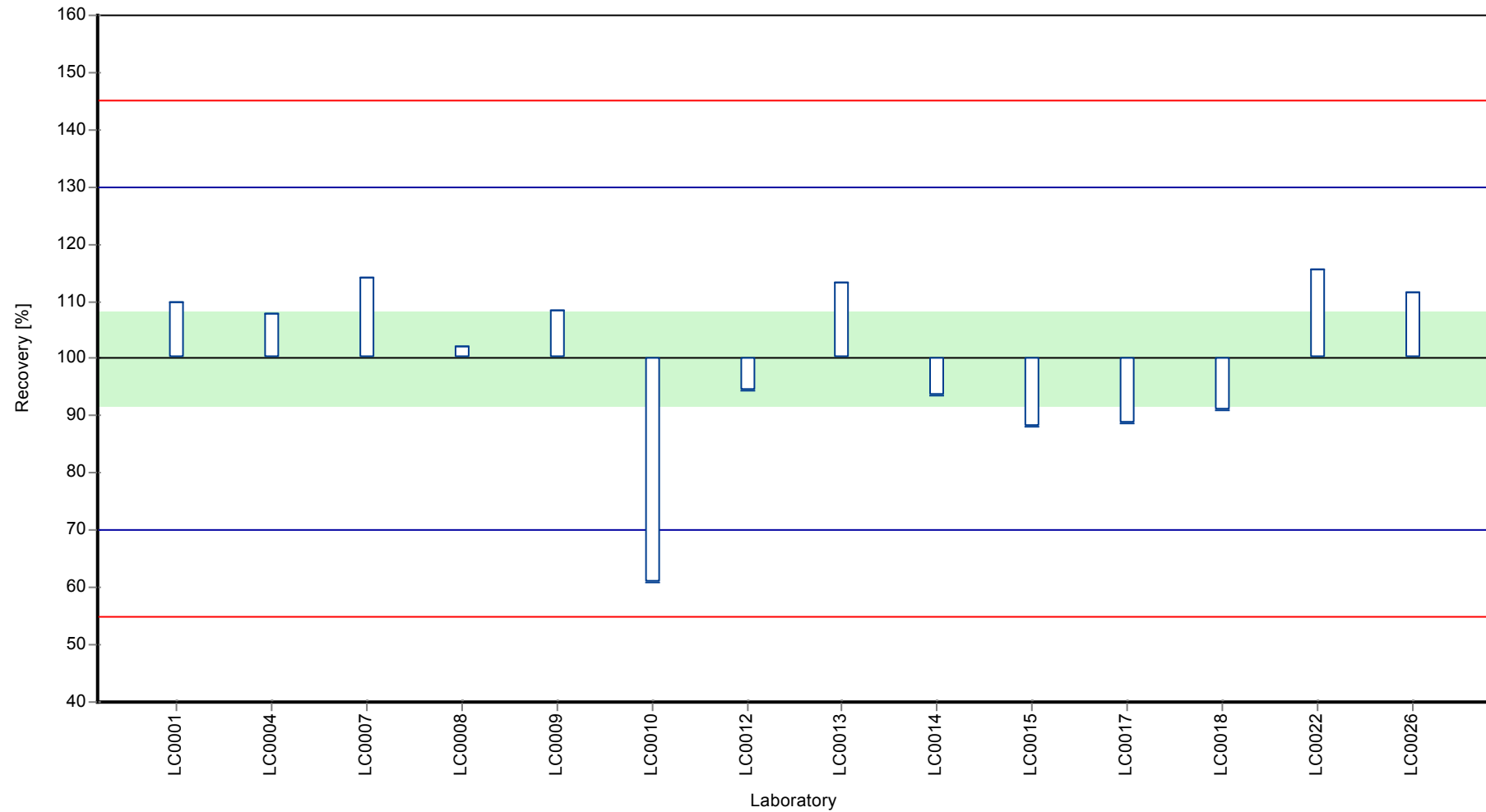
	all results	without outliers	Unit
Mean ± CI (99%)	0.519 ± 0.0626	0.519 ± 0.0626	µg/l
Minimum	0.317	0.317	µg/l
Maximum	0.601	0.601	µg/l
Standard deviation	0.0781	0.0781	µg/l
rel. standard deviation	15	15	%
n	14	14	-

Graphical presentation of results

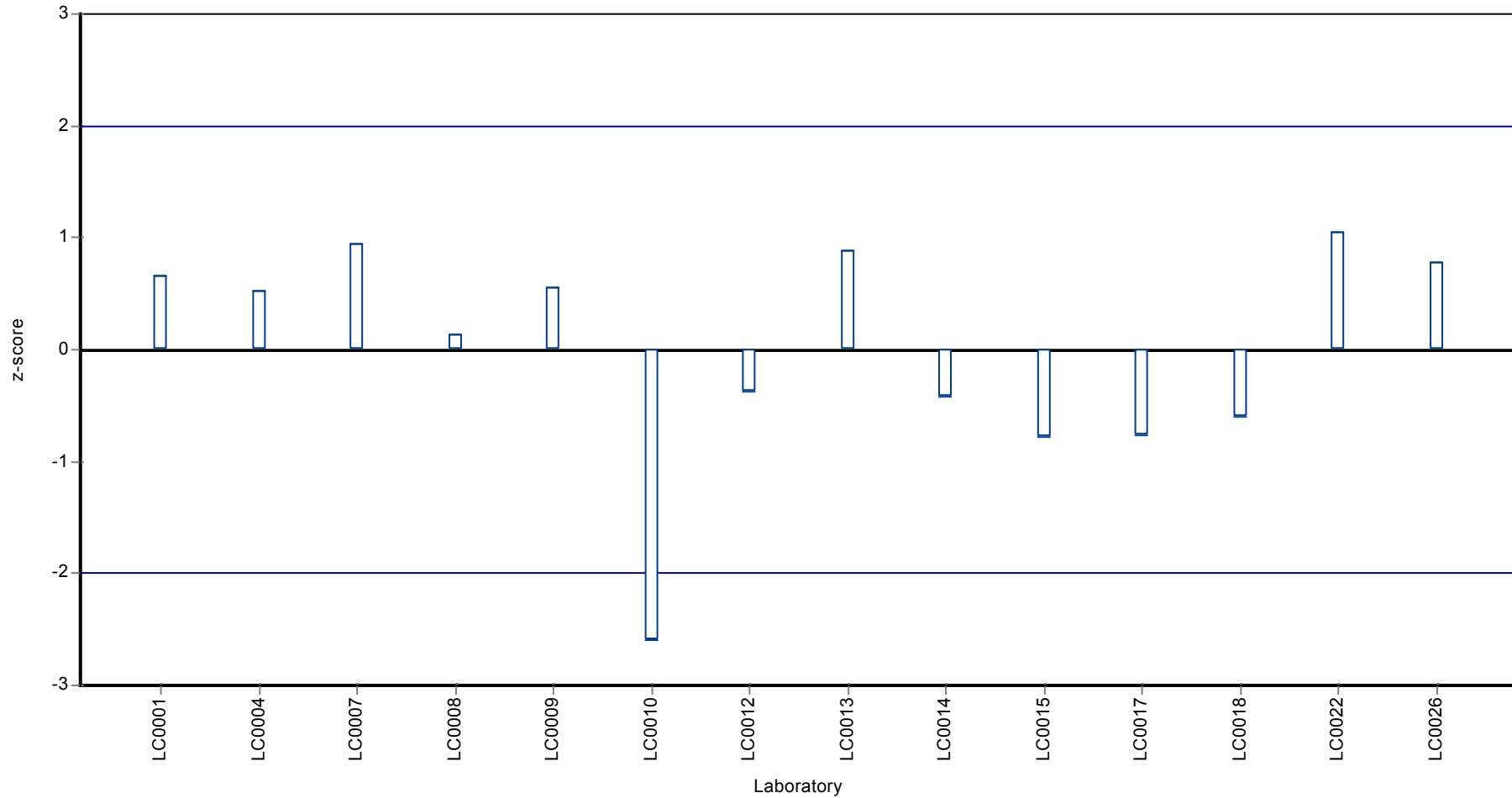
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Propazine

Unit	µg/l
Assigned value ± U (k=2)	0.222 ± 0.0151
Criterion	0.0321 (14 %)
Minimum - Maximum	0.169 - 0.28
Control test value ± U (k=2)	0.22 ± 0.0329

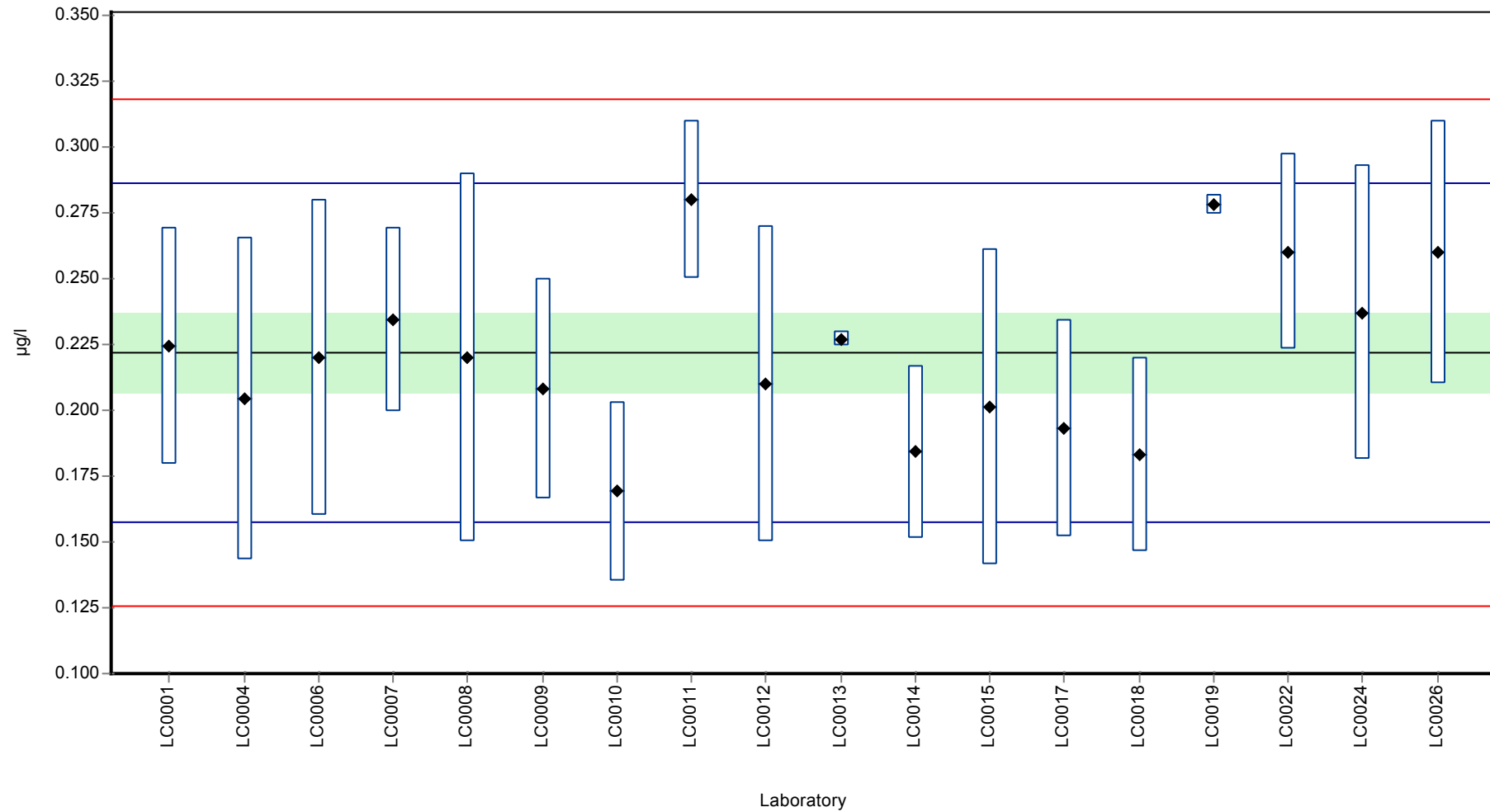
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.224	0.045	101	0.07	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.2043	0.0613	92.1	-0.55	
LC0005	-	-	-	-	
LC0006	0.22	0.06	99.2	-0.06	
LC0007	0.234	0.035	106	0.38	
LC0008	0.22	0.07	99.2	-0.06	
LC0009	0.208	0.042	93.8	-0.43	
LC0010	0.169	0.034	76.2	-1.65	
LC0011	0.28	0.03	126	1.81	
LC0012	0.21	0.06	94.7	-0.37	
LC0013	0.227	0.003	102	0.16	
LC0014	0.184	0.033	83	-1.18	
LC0015	0.201	0.06	90.6	-0.65	
LC0017	0.193	0.041	87	-0.9	
LC0018	0.183	0.037	82.5	-1.21	
LC0019	0.278	0.004	125	1.75	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.26	0.037	117	1.19	
LC0023	-	-	-	-	
LC0024	0.237	0.056	107	0.47	
LC0025	-	-	-	-	
LC0026	0.26	0.05	117	1.19	
LC0027	-	-	-	-	

Characteristics of parameter

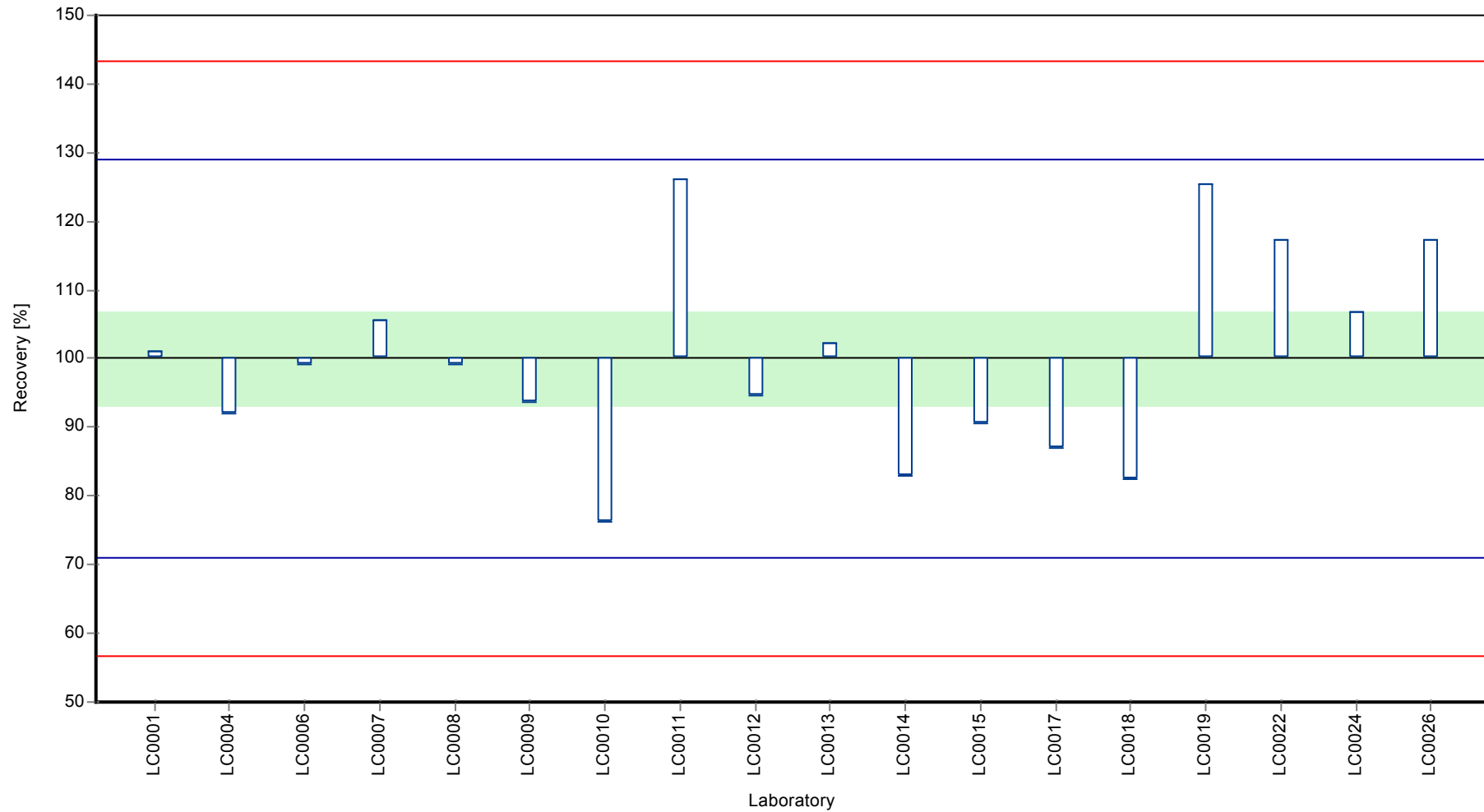
	all results	without outliers	Unit
Mean ± CI (99%)	0.222 ± 0.0227	0.222 ± 0.0227	µg/l
Minimum	0.169	0.169	µg/l
Maximum	0.28	0.28	µg/l
Standard deviation	0.0321	0.0321	µg/l
rel. standard deviation	14.5	14.5	%
n	18	18	-

Graphical presentation of results

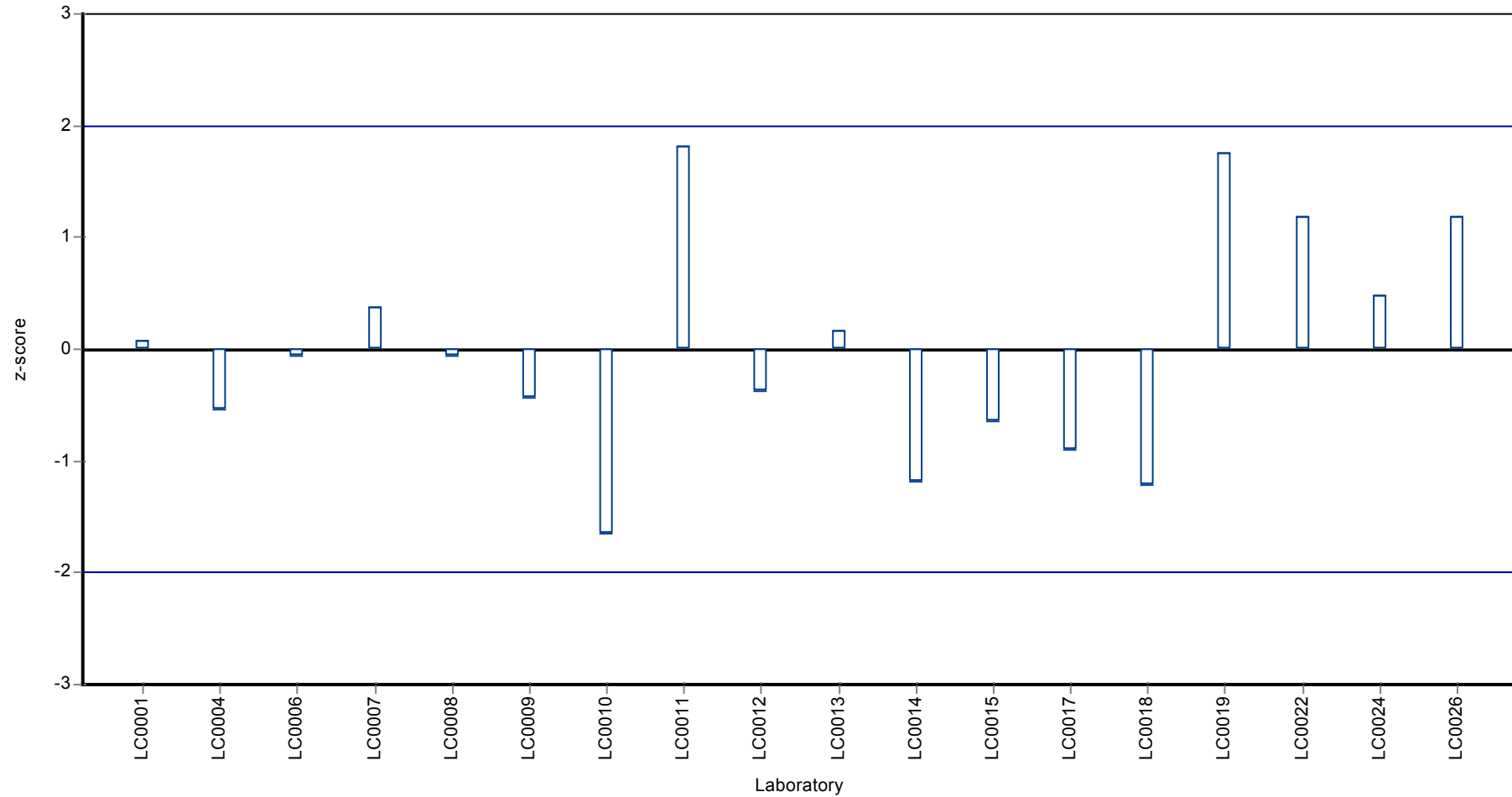
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Propazine

Unit	µg/l
Assigned value ± U (k=2)	0.296 ± 0.0198
Criterion	0.042 (14 %)
Minimum - Maximum	0.233 - 0.364
Control test value ± U (k=2)	0.289 ± 0.0433

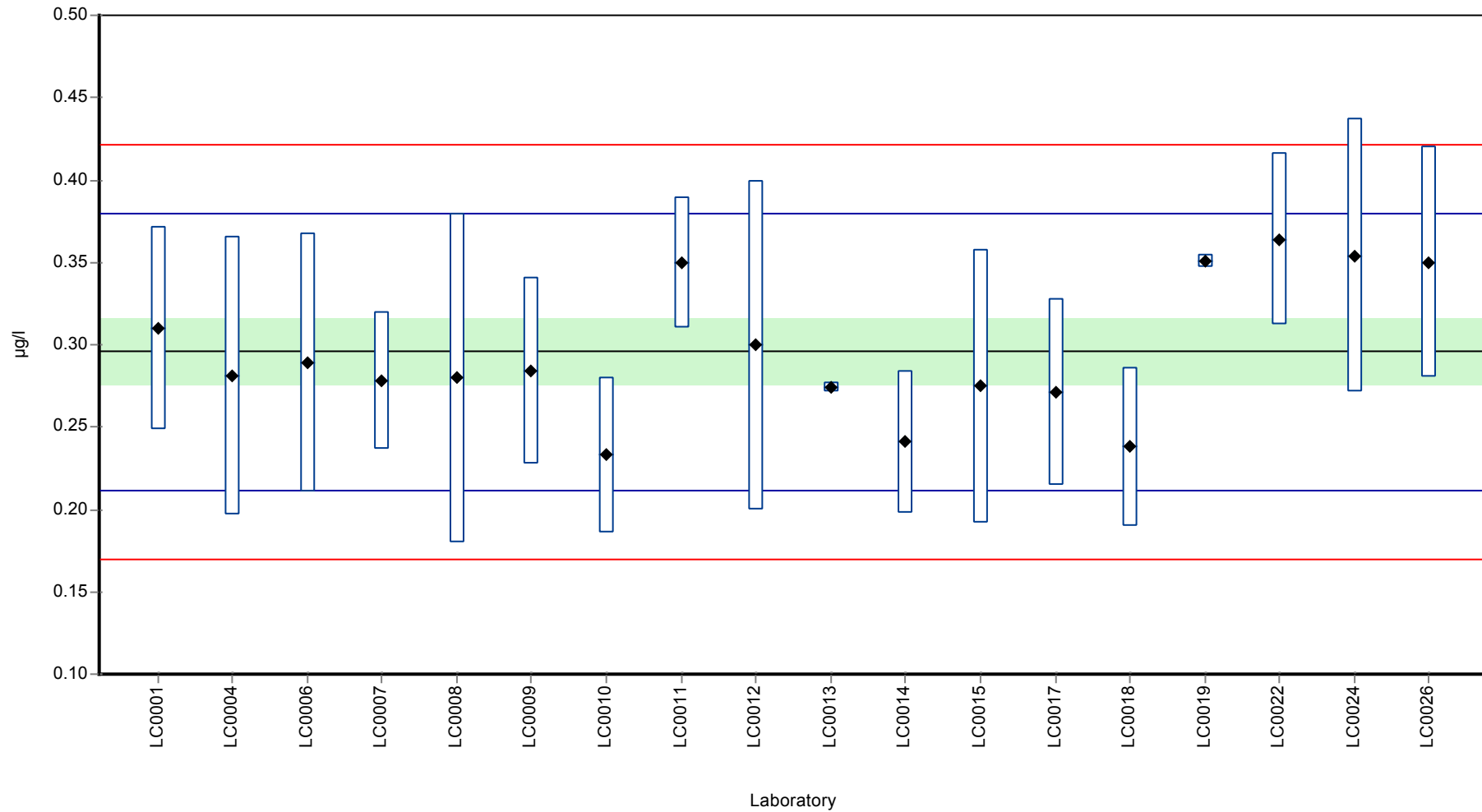
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.31	0.062	105	0.34	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.2814	0.0844	95.1	-0.34	
LC0005	-	-	-	-	
LC0006	0.289	0.079	97.7	-0.16	
LC0007	0.278	0.042	94	-0.42	
LC0008	0.28	0.1	94.7	-0.38	
LC0009	0.284	0.057	96	-0.28	
LC0010	0.233	0.047	78.8	-1.49	
LC0011	0.35	0.04	118	1.29	
LC0012	0.3	0.1	101	0.1	
LC0013	0.274	0.003	92.6	-0.52	
LC0014	0.241	0.043	81.5	-1.3	
LC0015	0.275	0.083	93	-0.49	
LC0017	0.271	0.057	91.6	-0.59	
LC0018	0.238	0.048	80.5	-1.38	
LC0019	0.351	0.004	119	1.32	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.364	0.052	123	1.63	
LC0023	-	-	-	-	
LC0024	0.354	0.083	120	1.39	
LC0025	-	-	-	-	
LC0026	0.35	0.07	118	1.29	
LC0027	-	-	-	-	

Characteristics of parameter

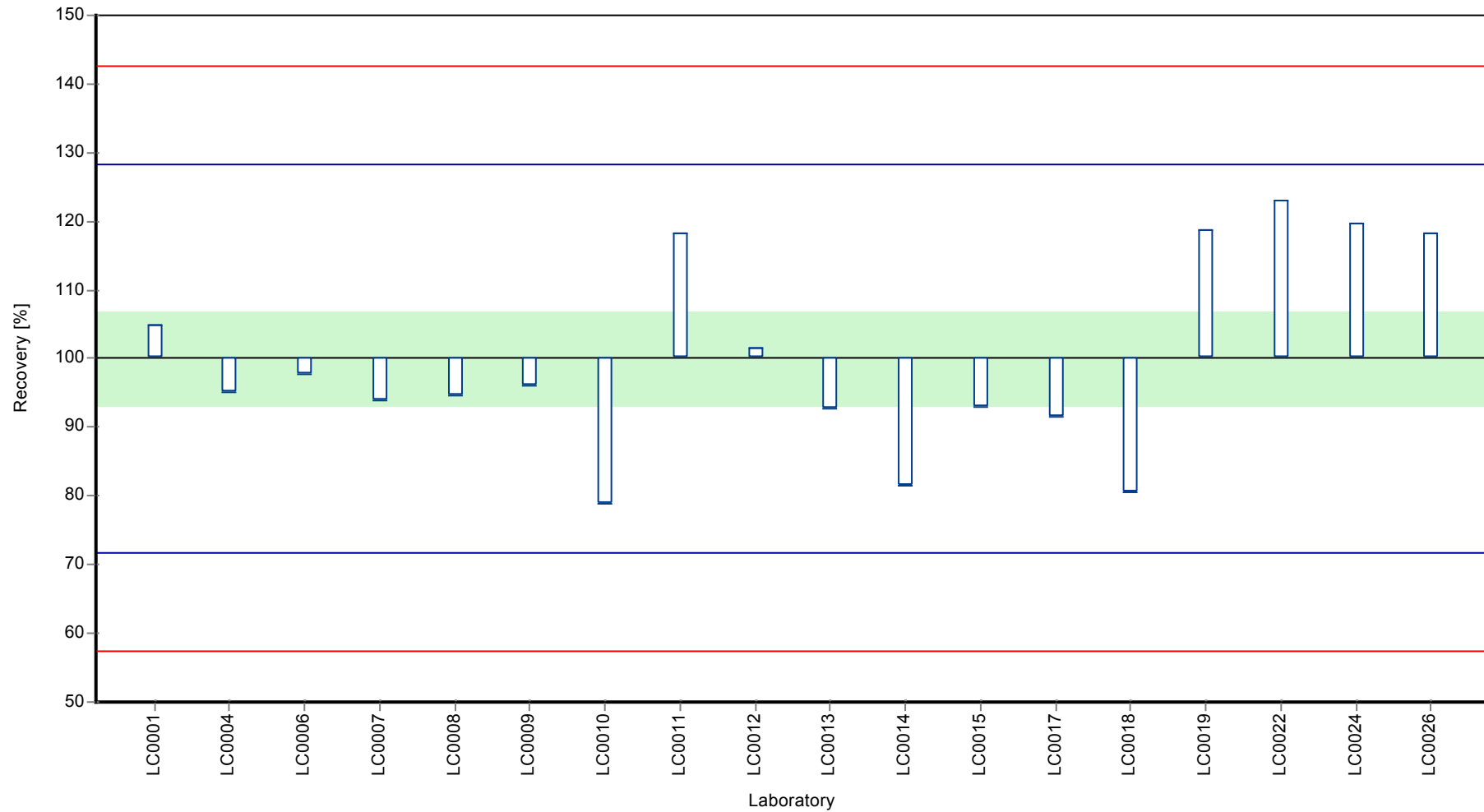
	all results	without outliers	Unit
Mean ± CI (99%)	0.296 ± 0.0297	0.296 ± 0.0297	µg/l
Minimum	0.233	0.233	µg/l
Maximum	0.364	0.364	µg/l
Standard deviation	0.042	0.042	µg/l
rel. standard deviation	14.2	14.2	%
n	18	18	-

Graphical presentation of results

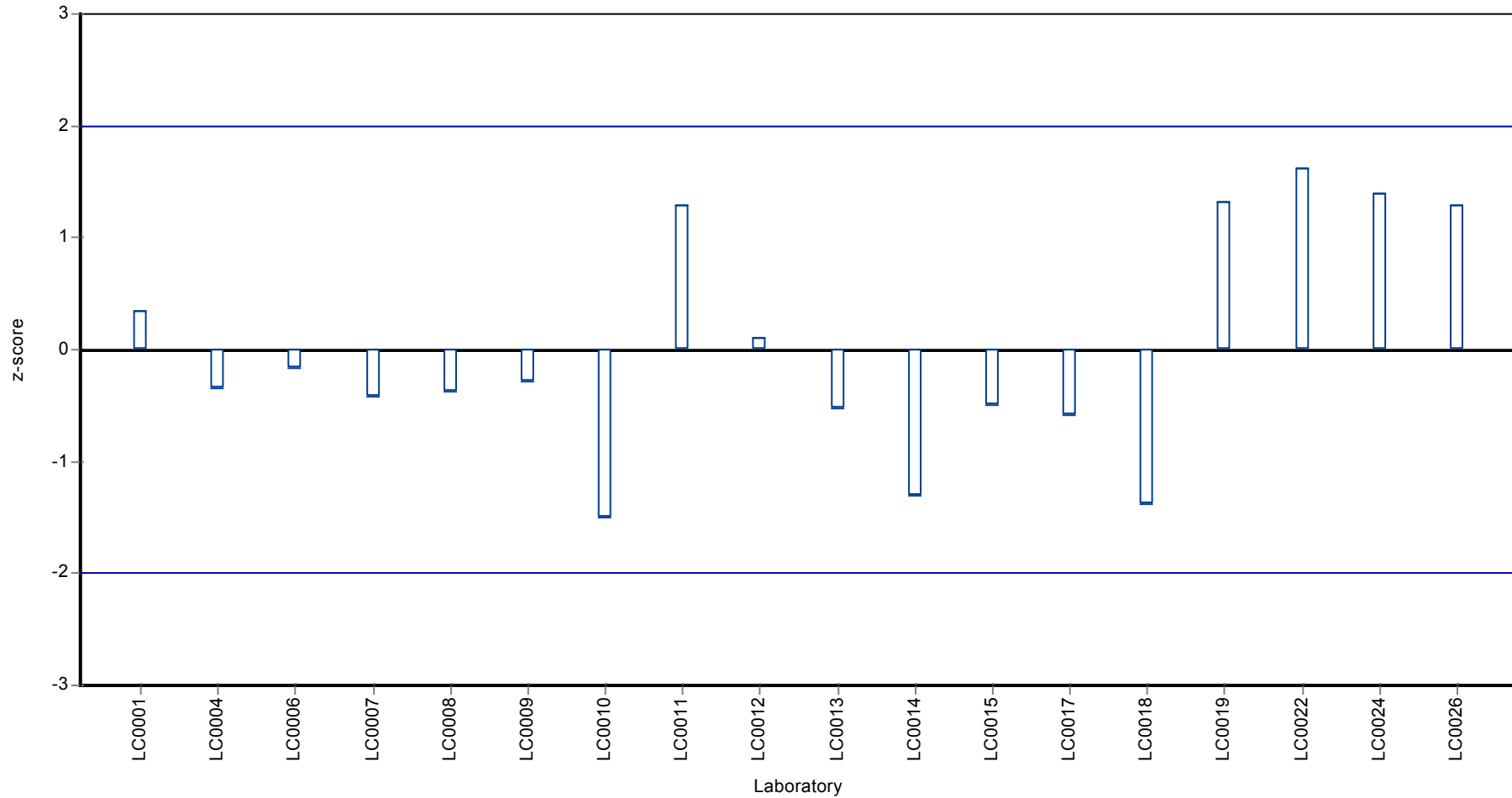
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Sebuthylazine

Unit	µg/l
Assigned value ± U (k=2)	0.35 ± 0.0202
Criterion	0.0379 (11 %)
Minimum - Maximum	0.286 - 0.446
Control test value ± U (k=2)	0.364 ± 0.0545

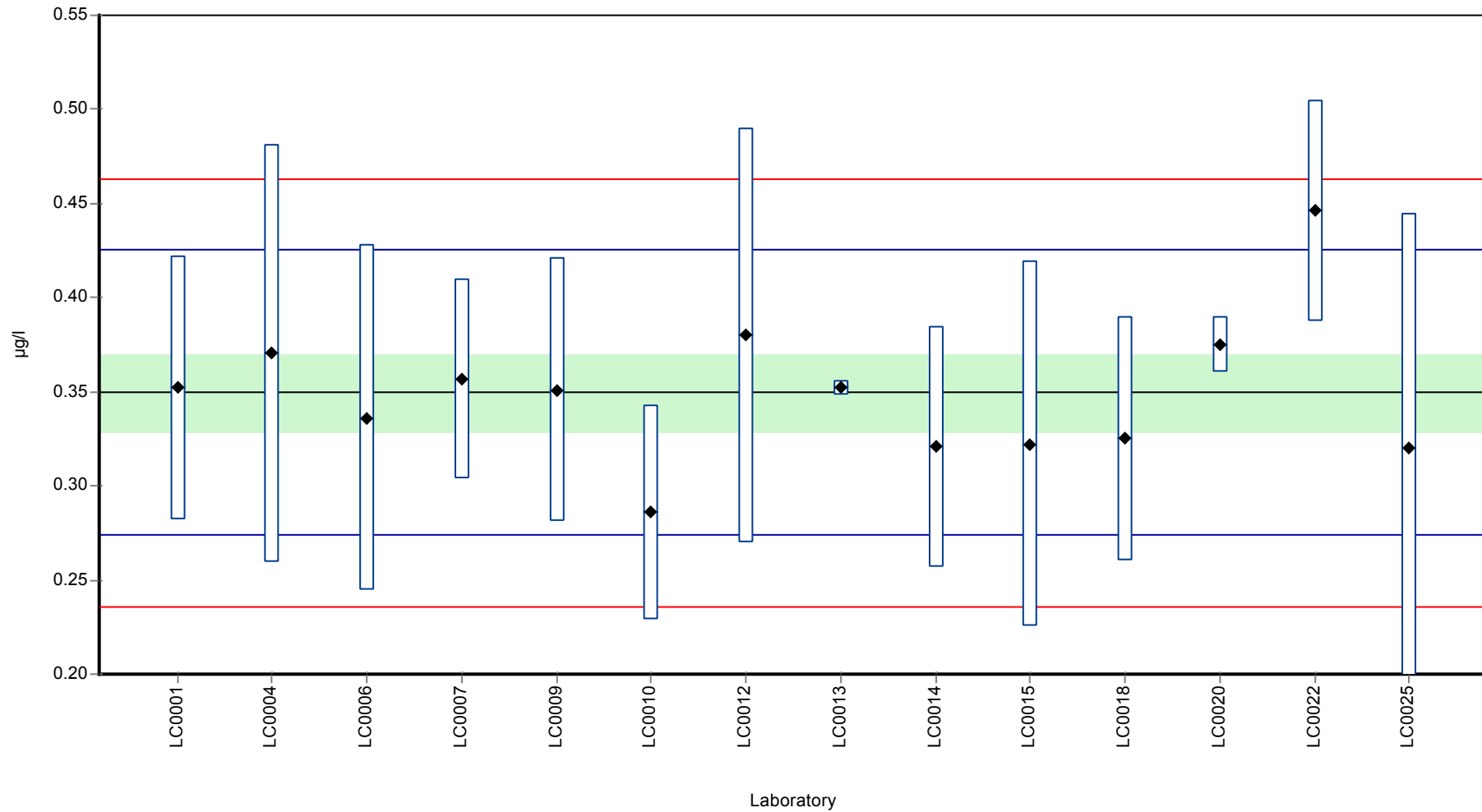
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.352	0.07	101	0.07	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.3704	0.1111	106	0.55	
LC0005	-	-	-	-	
LC0006	0.336	0.092	96.1	-0.36	
LC0007	0.357	0.053	102	0.2	
LC0008	-	-	-	-	
LC0009	0.351	0.07	100	0.04	
LC0010	0.286	0.057	81.8	-1.68	
LC0011	-	-	-	-	
LC0012	0.38	0.11	109	0.8	
LC0013	0.352	0.004	101	0.07	
LC0014	0.321	0.064	91.8	-0.75	
LC0015	0.322	0.097	92.1	-0.73	
LC0017	-	-	-	-	
LC0018	0.325	0.065	93	-0.65	
LC0019	-	-	-	-	
LC0020	0.375	0.015	107	0.67	
LC0021	-	-	-	-	
LC0022	0.446	0.059	128	2.55	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.32	0.125	91.6	-0.78	
LC0026	-	-	-	-	
LC0027	-	-	-	-	

Characteristics of parameter

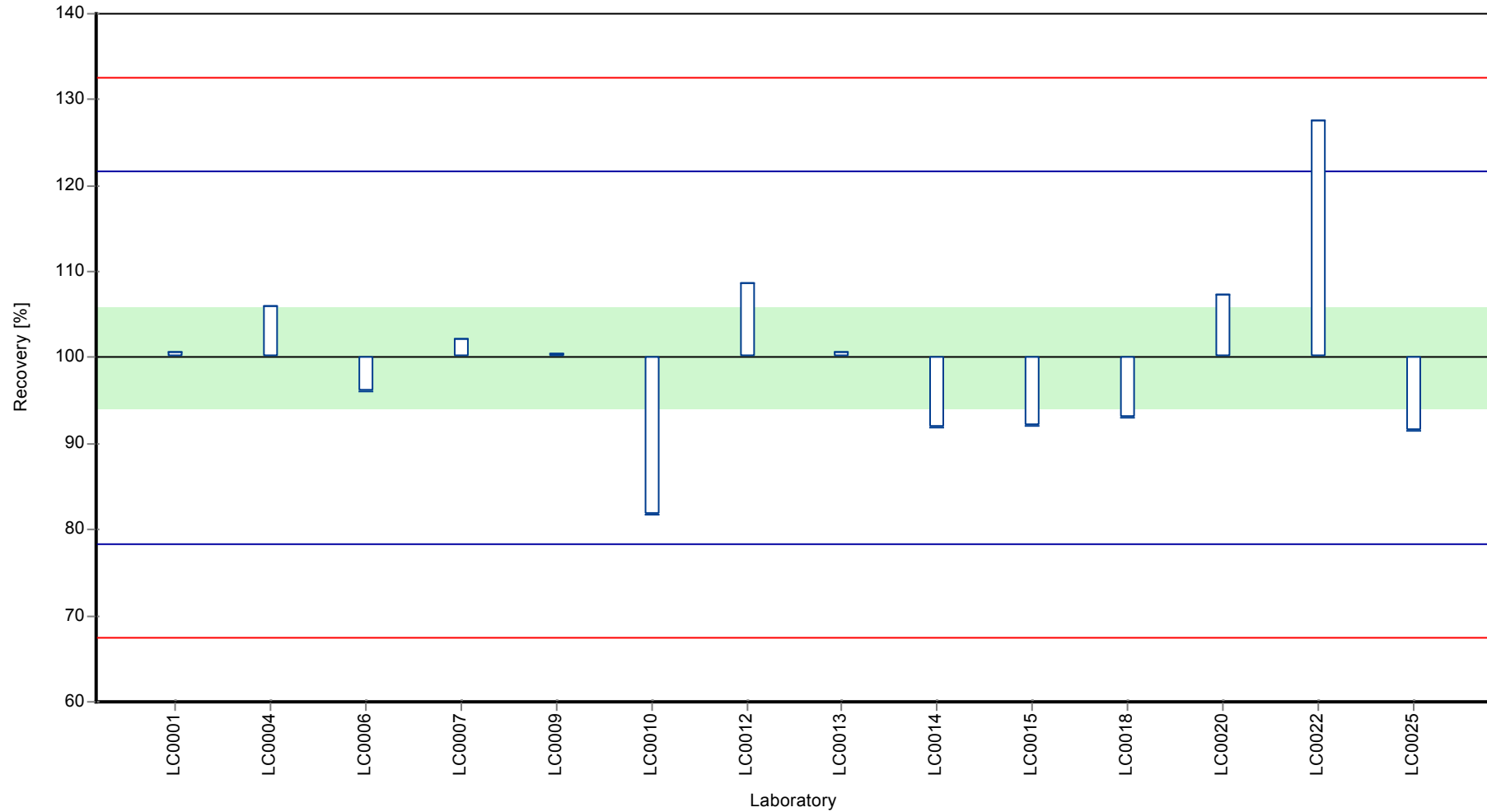
	all results	without outliers	Unit
Mean ± CI (99%)	0.35 ± 0.0304	0.35 ± 0.0304	µg/l
Minimum	0.286	0.286	µg/l
Maximum	0.446	0.446	µg/l
Standard deviation	0.0379	0.0379	µg/l
rel. standard deviation	10.8	10.8	%
n	14	14	-

Graphical presentation of results

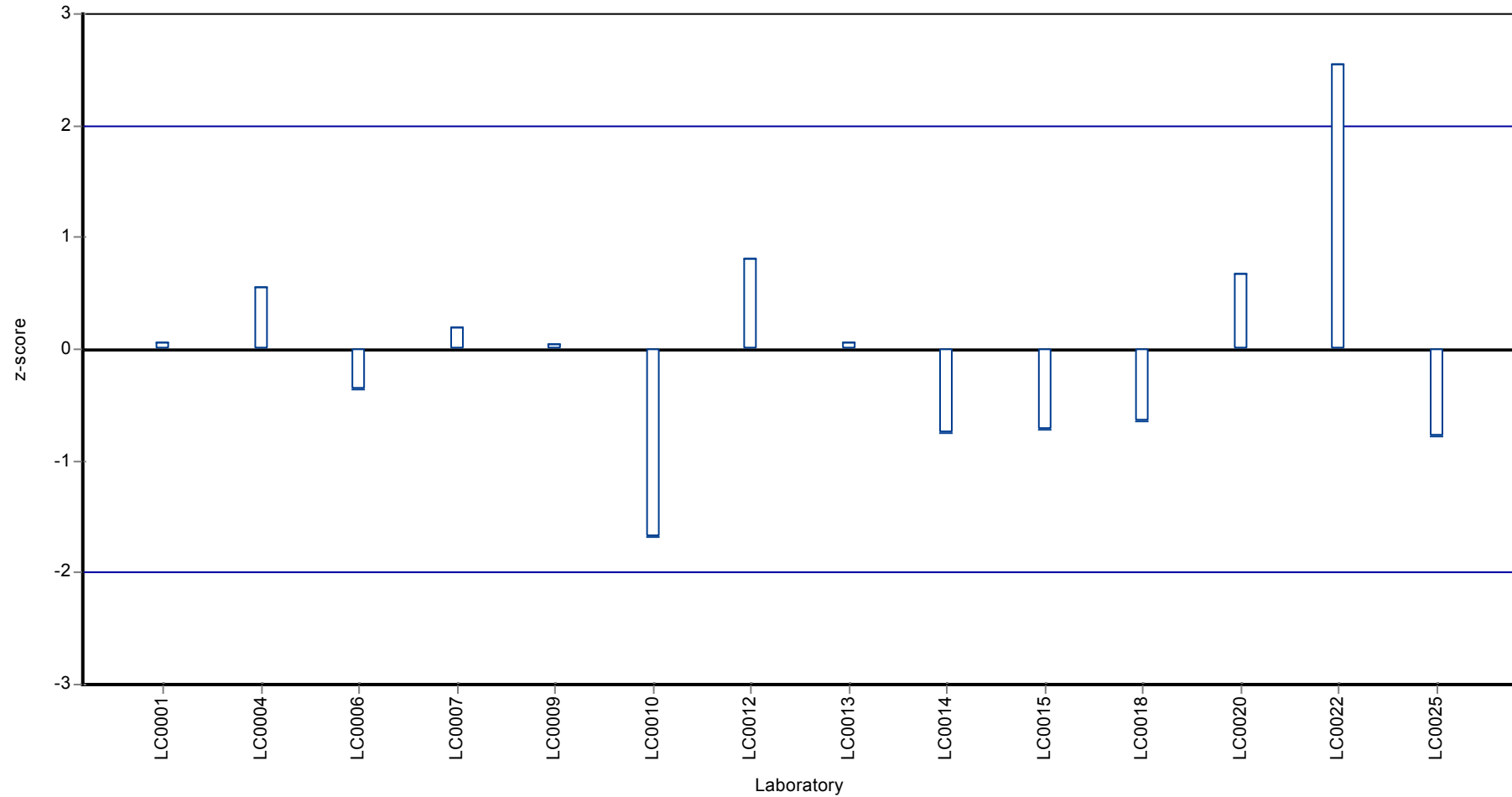
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Sebuthylazine

Unit	µg/l
Assigned value ± U (k=2)	0.365 ± 0.0236
Criterion	0.0441 (12 %)
Minimum - Maximum	0.287 - 0.461
Control test value ± U (k=2)	0.374 ± 0.0561

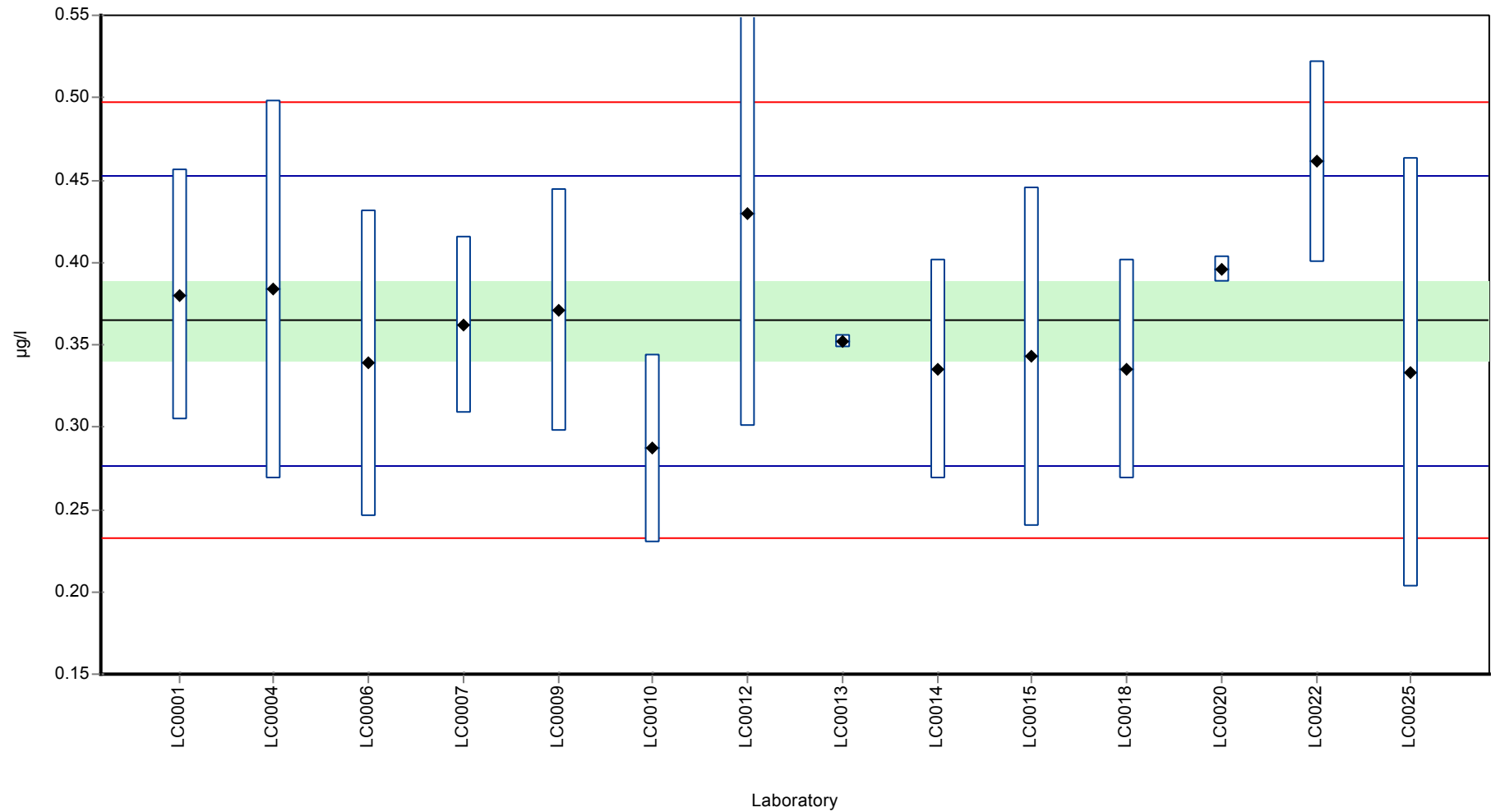
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.38	0.076	104	0.34	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.3836	0.1151	105	0.43	
LC0005	-	-	-	-	
LC0006	0.339	0.093	92.9	-0.59	
LC0007	0.362	0.054	99.2	-0.06	
LC0008	-	-	-	-	
LC0009	0.371	0.074	102	0.14	
LC0010	0.287	0.057	78.7	-1.77	
LC0011	-	-	-	-	
LC0012	0.43	0.13	118	1.48	
LC0013	0.352	0.004	96.5	-0.29	
LC0014	0.335	0.067	91.8	-0.68	
LC0015	0.343	0.103	94	-0.49	
LC0017	-	-	-	-	
LC0018	0.335	0.067	91.8	-0.68	
LC0019	-	-	-	-	
LC0020	0.396	0.008	109	0.71	
LC0021	-	-	-	-	
LC0022	0.461	0.061	126	2.18	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.333	0.13	91.3	-0.72	
LC0026	-	-	-	-	
LC0027	-	-	-	-	

Characteristics of parameter

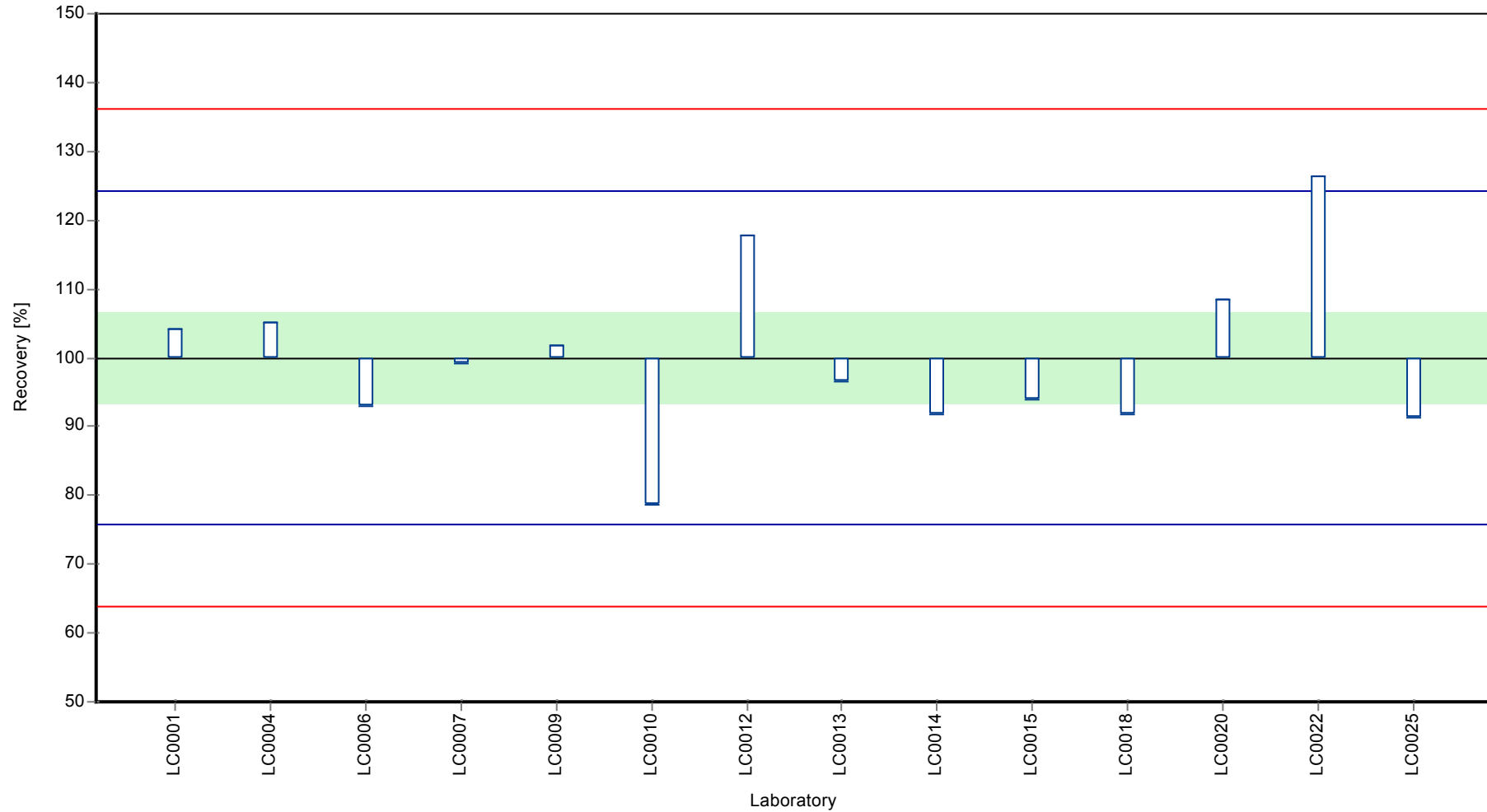
	all results	without outliers	Unit
Mean ± CI (99%)	0.365 ± 0.0353	0.365 ± 0.0353	µg/l
Minimum	0.287	0.287	µg/l
Maximum	0.461	0.461	µg/l
Standard deviation	0.0441	0.0441	µg/l
rel. standard deviation	12.1	12.1	%
n	14	14	-

Graphical presentation of results

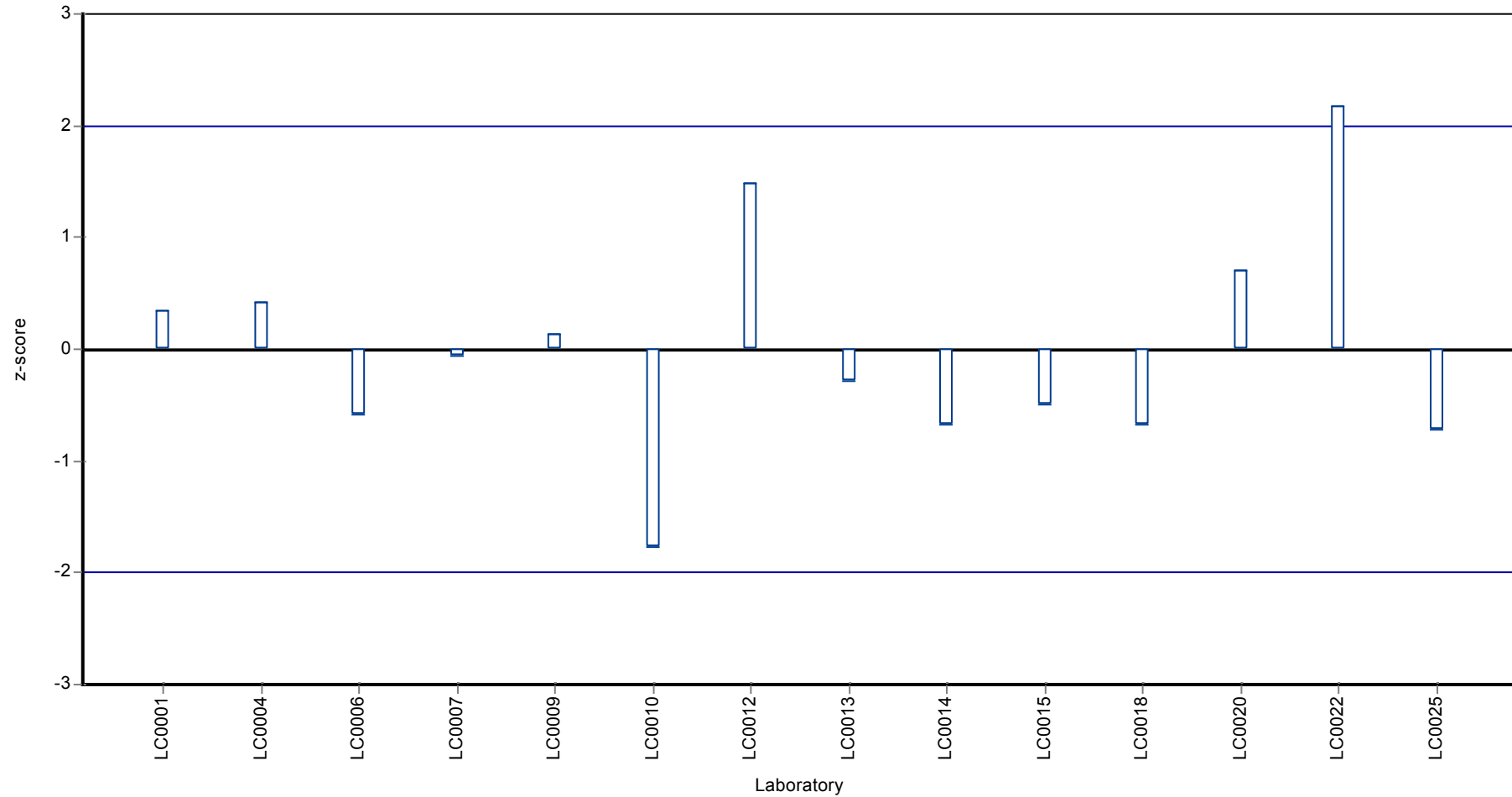
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Simazine

Unit	µg/l
Assigned value ± U (k=2)	0.604 ± 0.0259
Criterion	0.0664 (11 %)
Minimum - Maximum	0.472 - 0.714
Control test value ± U (k=2)	0.602 ± 0.0903

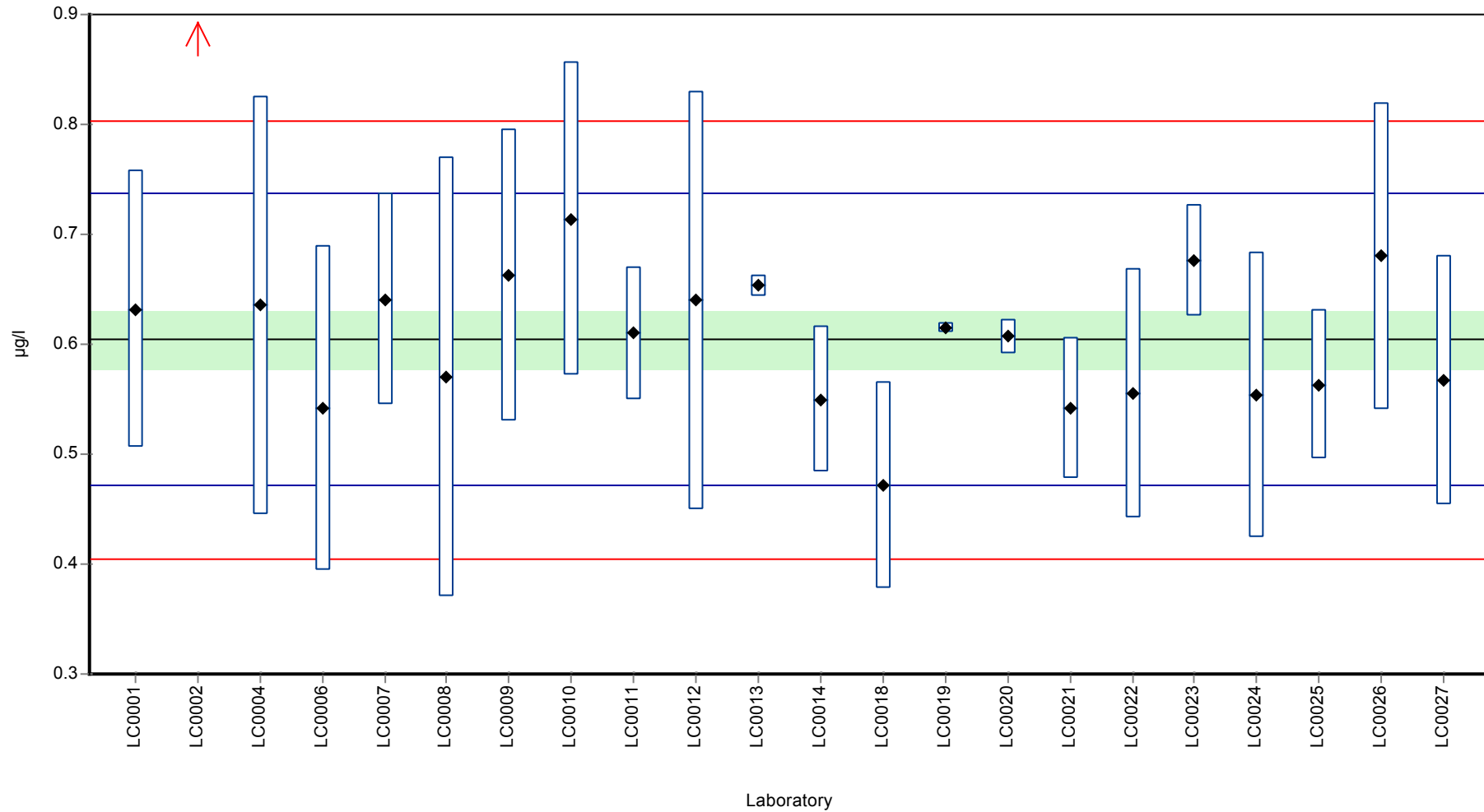
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.632	0.126	105	0.42	
LC0002	0.997	0.15	165	5.92	H
LC0003	-	-	-	-	
LC0004	0.6354	0.1906	105	0.47	
LC0005	-	-	-	-	
LC0006	0.542	0.148	89.8	-0.93	
LC0007	0.641	0.096	106	0.56	
LC0008	0.57	0.2	94.4	-0.51	
LC0009	0.663	0.133	110	0.89	
LC0010	0.714	0.143	118	1.66	
LC0011	0.61	0.06	101	0.09	
LC0012	0.64	0.19	106	0.54	
LC0013	0.653	0.01	108	0.74	
LC0014	0.55	0.066	91.1	-0.81	
LC0015	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.472	0.094	78.2	-1.99	
LC0019	0.615	0.004	102	0.17	
LC0020	0.607	0.016	101	0.05	
LC0021	0.542	0.064	89.8	-0.93	
LC0022	0.555	0.113	91.9	-0.74	
LC0023	0.6758	0.0507	112	1.08	
LC0024	0.554	0.13	91.7	-0.75	
LC0025	0.563	0.068	93.2	-0.61	
LC0026	0.68	0.14	113	1.15	
LC0027	0.567	0.113	93.9	-0.56	

Characteristics of parameter

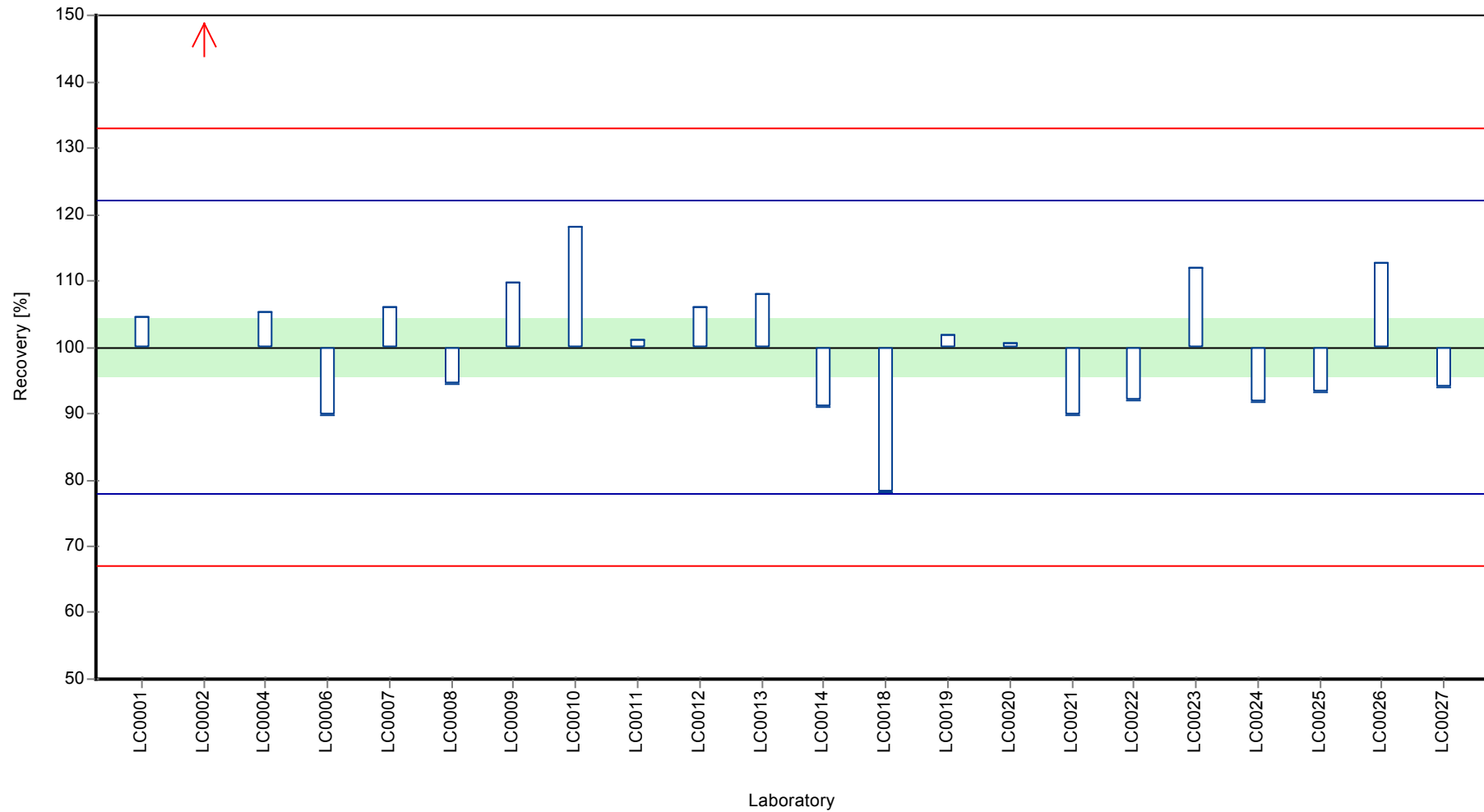
	all results	without outliers	Unit
Mean ± CI (99%)	0.622 ± 0.0652	0.604 ± 0.0389	µg/l
Minimum	0.472	0.472	µg/l
Maximum	0.997	0.714	µg/l
Standard deviation	0.102	0.0594	µg/l
rel. standard deviation	16.4	9.84	%
n	22	21	-

Graphical presentation of results

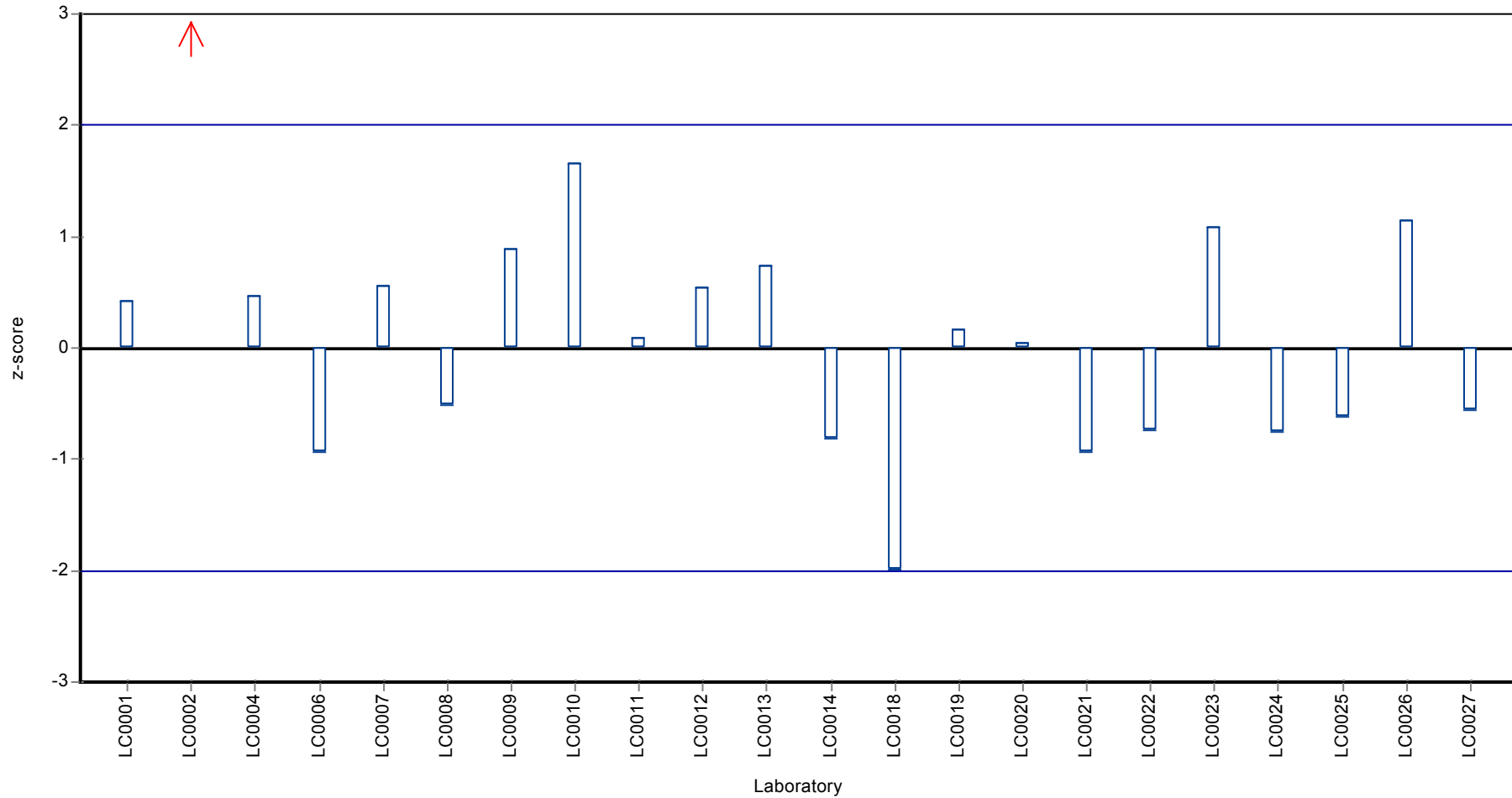
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Simazine

Unit	µg/l
Assigned value ± U (k=2)	0.101 ± 0.00575
Criterion	0.0129 (13 %)
Minimum - Maximum	0.076 - 0.128
Control test value ± U (k=2)	0.100 ± 0.015

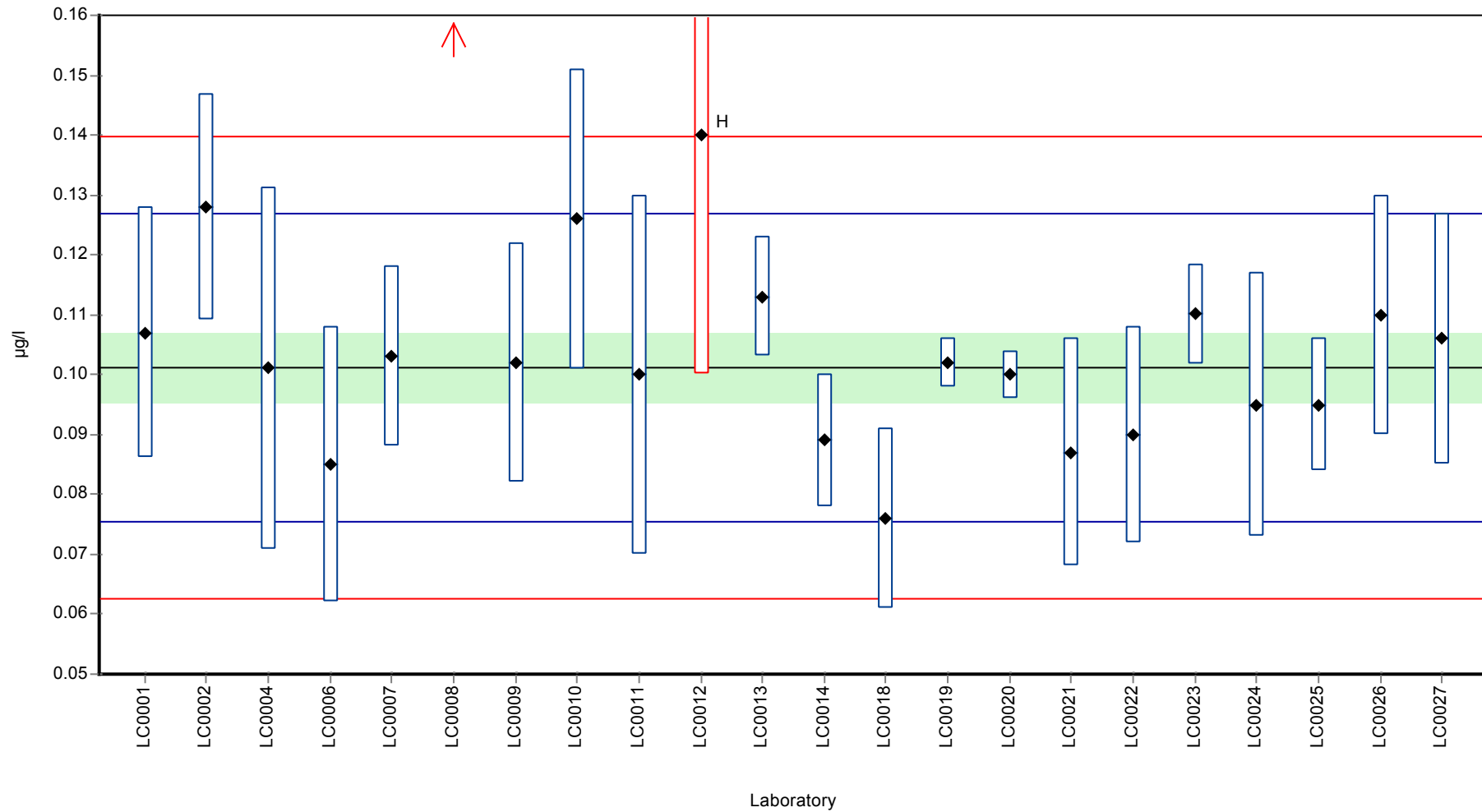
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.107	0.021	106	0.45	
LC0002	0.128	0.019	126	2.08	
LC0003	-	-	-	-	
LC0004	0.1011	0.0303	99.8	-0.01	
LC0005	-	-	-	-	
LC0006	0.085	0.023	83.9	-1.26	
LC0007	0.103	0.015	102	0.14	
LC0008	0.2	0.08	198	7.67	H
LC0009	0.102	0.02	101	0.06	
LC0010	0.126	0.025	124	1.92	
LC0011	0.1	0.03	98.8	-0.1	
LC0012	0.14	0.04	138	3.01	H
LC0013	0.113	0.01	112	0.91	
LC0014	0.089	0.011	87.9	-0.95	
LC0015	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.076	0.015	75.1	-1.96	
LC0019	0.102	0.004	101	0.06	
LC0020	0.1	0.004	98.8	-0.1	
LC0021	0.087	0.019	85.9	-1.11	
LC0022	0.0899	0.018	88.8	-0.88	
LC0023	0.1101	0.0083	109	0.69	
LC0024	0.095	0.022	93.8	-0.49	
LC0025	0.095	0.011	93.8	-0.49	
LC0026	0.11	0.02	109	0.68	
LC0027	0.106	0.021	105	0.37	

Characteristics of parameter

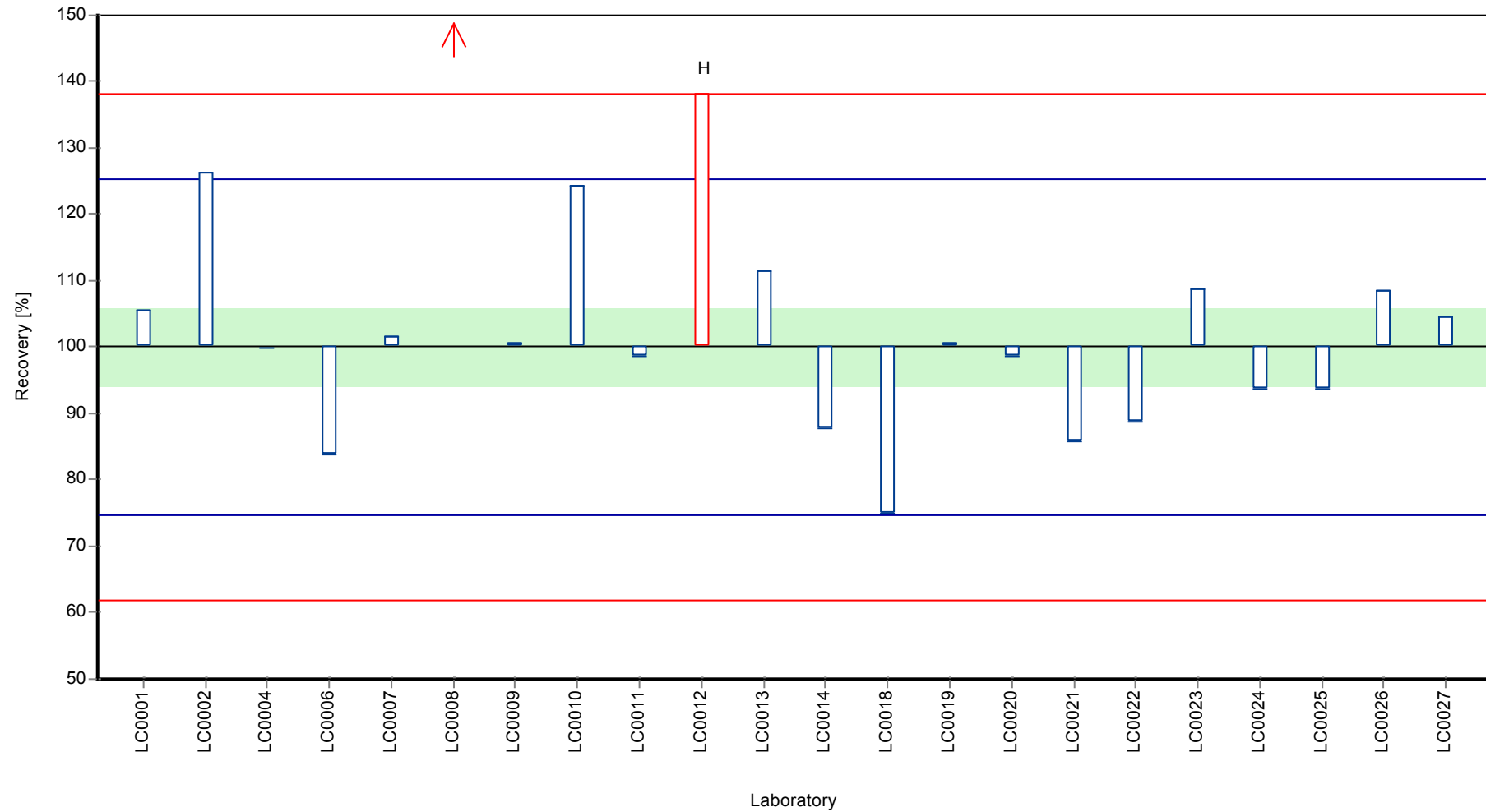
	all results	without outliers	Unit
Mean ± CI (99%)	0.108 ± 0.0162	0.101 ± 0.00863	µg/l
Minimum	0.076	0.076	µg/l
Maximum	0.2	0.128	µg/l
Standard deviation	0.0254	0.0129	µg/l
rel. standard deviation	23.6	12.7	%
n	22	20	-

Graphical presentation of results

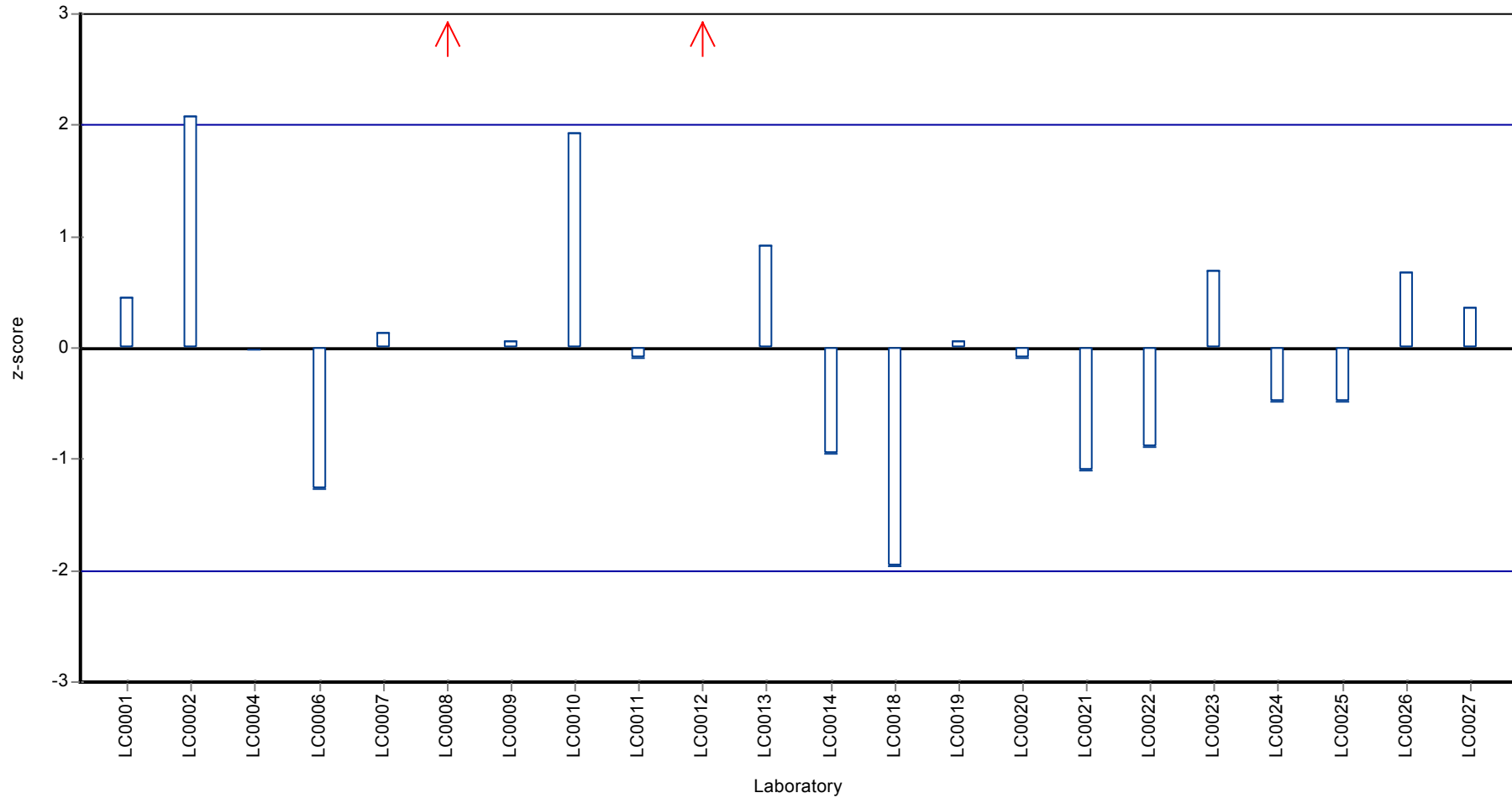
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Terbutylazine

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.025 - 0.316
Control test value ± U (k=2)	<0.025 (LOD)

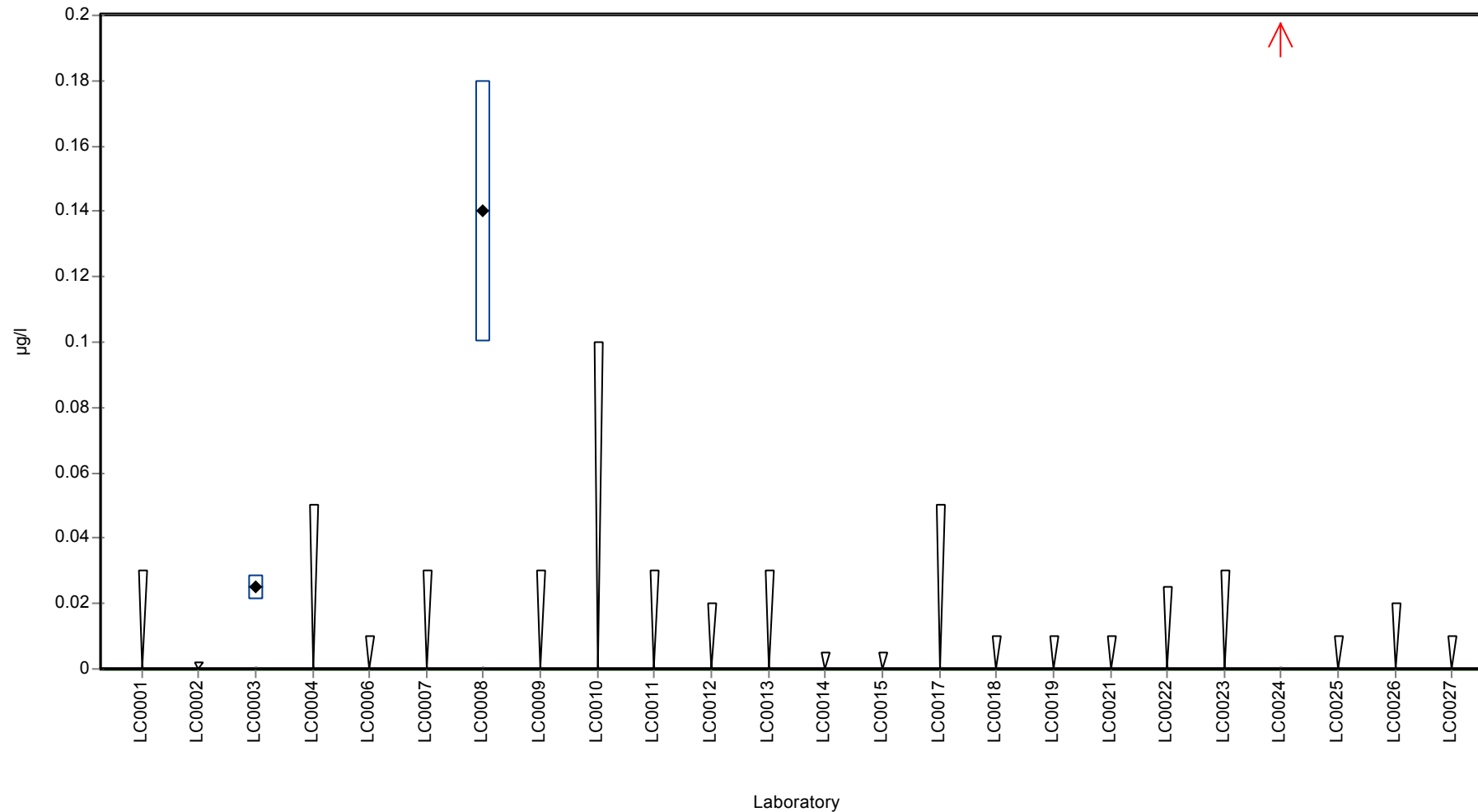
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.03 (LOQ)	-	-	-	
LC0002	< 0.002 (LOQ)	-	-	-	
LC0003	0.025	0.0038	-	-	
LC0004	< 0.05 (LOQ)	-	-	-	
LC0005	-	-	-	-	
LC0006	< 0.01 (LOQ)	-	-	-	
LC0007	< 0.03 (LOQ)	-	-	-	
LC0008	0.14	0.04	-	-	FP
LC0009	< 0.03 (LOQ)	-	-	-	
LC0010	< 0.1 (LOQ)	-	-	-	
LC0011	< 0.03 (LOQ)	-	-	-	
LC0012	< 0.02 (LOQ)	-	-	-	
LC0013	< 0.03 (LOQ)	-	-	-	
LC0014	< 0.005 (LOQ)	-	-	-	
LC0015	< 0.005 (LOQ)	-	-	-	
LC0017	< 0.05 (LOQ)	-	-	-	
LC0018	< 0.01 (LOQ)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	<0.01 (LOD)	-	-	-	
LC0022	< 0.025 (LOQ)	-	-	-	
LC0023	< 0.03 (LOQ)	-	-	-	
LC0024	0.316	0.074	-	-	FP
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	<0.02 (LOD)	-	-	-	
LC0027	< 0.01 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.16 ± 0.254	-	µg/l
Minimum	0.025	0.025	µg/l
Maximum	0.316	0.316	µg/l
Standard deviation	0.147	-	µg/l
rel. standard deviation	91.4	-	%
n	3	3	-

Graphical presentation of results

Results



Parameter oriented report

H103 B

Terbutylazine

Unit	µg/l
Assigned value ± U (k=2)	0.239 ± 0.0159
Criterion	0.0389 (16 %)
Minimum - Maximum	0.14 - 0.31
Control test value ± U (k=2)	0.258 ± 0.0387

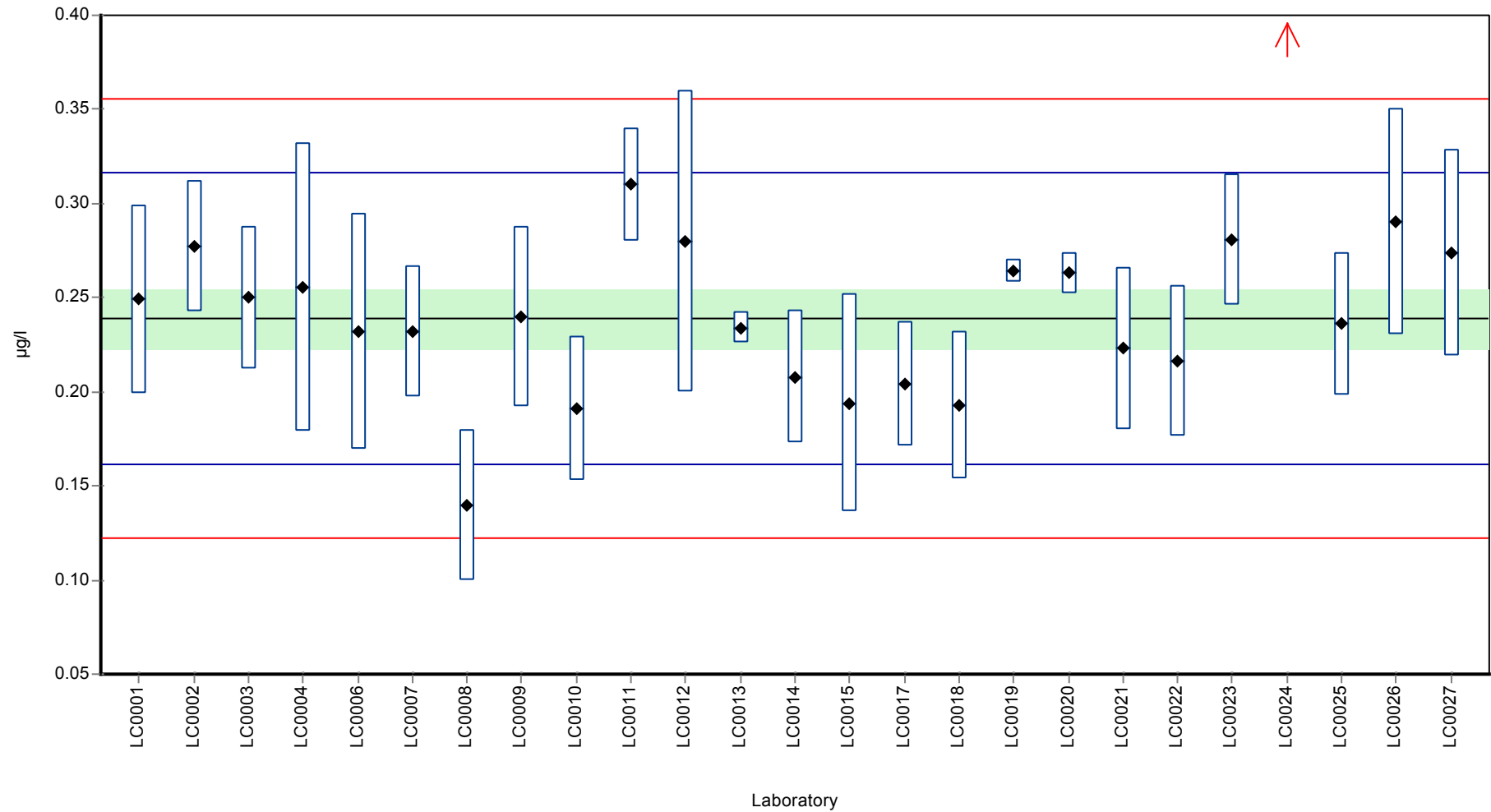
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.249	0.05	104	0.26	
LC0002	0.277	0.035	116	0.98	
LC0003	0.25	0.038	105	0.28	
LC0004	0.2558	0.0767	107	0.43	
LC0005	-	-	-	-	
LC0006	0.232	0.063	97.1	-0.18	
LC0007	0.232	0.035	97.1	-0.18	
LC0008	0.14	0.04	58.6	-2.55	
LC0009	0.24	0.048	100	0.03	
LC0010	0.191	0.038	79.9	-1.23	
LC0011	0.31	0.03	130	1.83	
LC0012	0.28	0.08	117	1.05	
LC0013	0.234	0.008	97.9	-0.13	
LC0014	0.208	0.035	87	-0.8	
LC0015	0.194	0.058	81.2	-1.16	
LC0017	0.204	0.033	85.3	-0.9	
LC0018	0.193	0.039	80.7	-1.18	
LC0019	0.264	0.006	110	0.64	
LC0020	0.263	0.011	110	0.62	
LC0021	0.223	0.043	93.3	-0.41	
LC0022	0.216	0.04	90.4	-0.59	
LC0023	0.2806	0.0351	117	1.07	
LC0024	0.589	0.138	246	9	H
LC0025	0.236	0.038	98.7	-0.08	
LC0026	0.29	0.06	121	1.31	
LC0027	0.274	0.055	115	0.9	

Characteristics of parameter

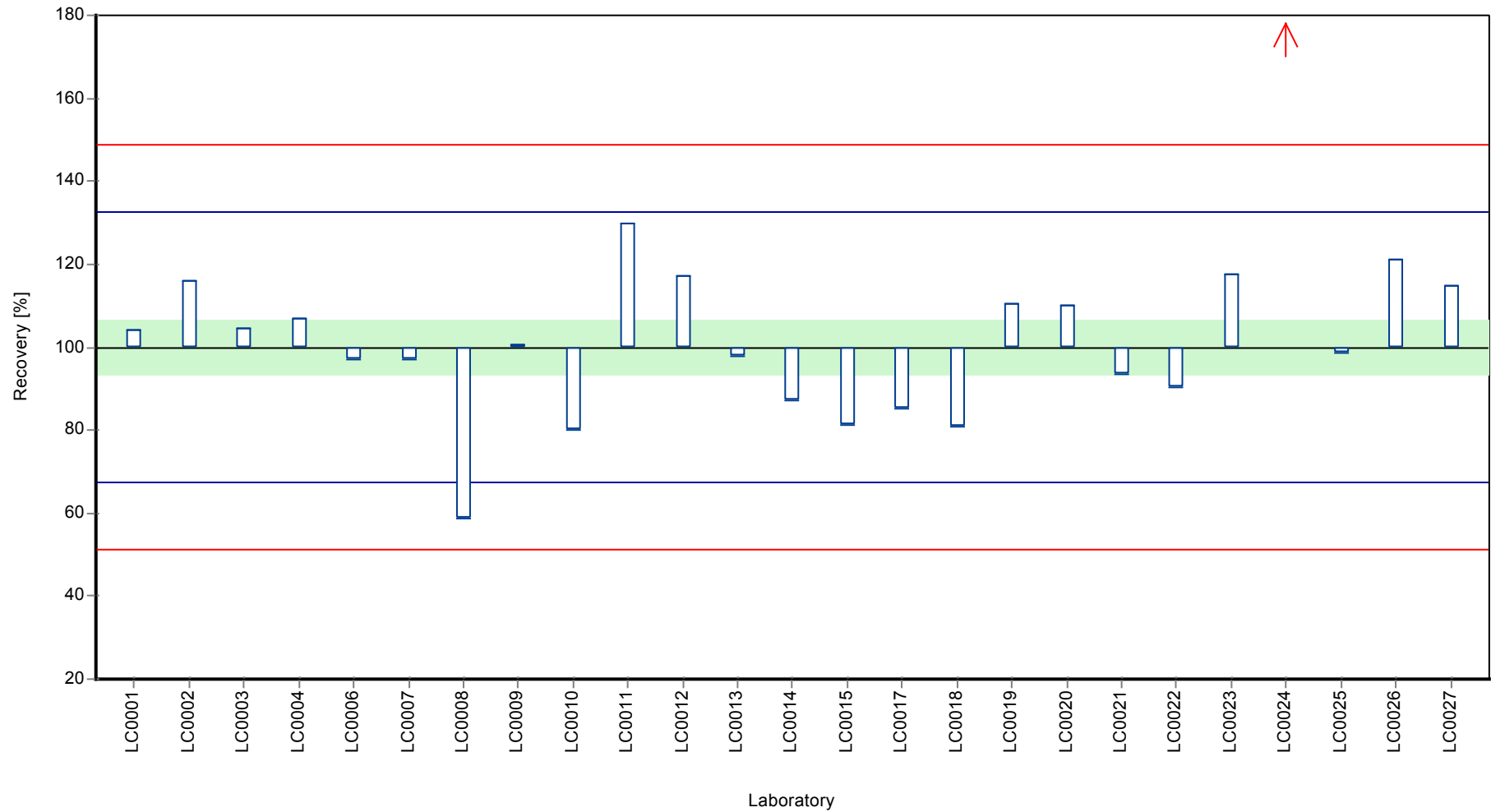
	all results	without outliers	Unit
Mean ± CI (99%)	0.253 ± 0.0478	0.239 ± 0.0238	µg/l
Minimum	0.14	0.14	µg/l
Maximum	0.589	0.31	µg/l
Standard deviation	0.0797	0.0389	µg/l
rel. standard deviation	31.5	16.3 %	
n	25	24	-

Graphical presentation of results

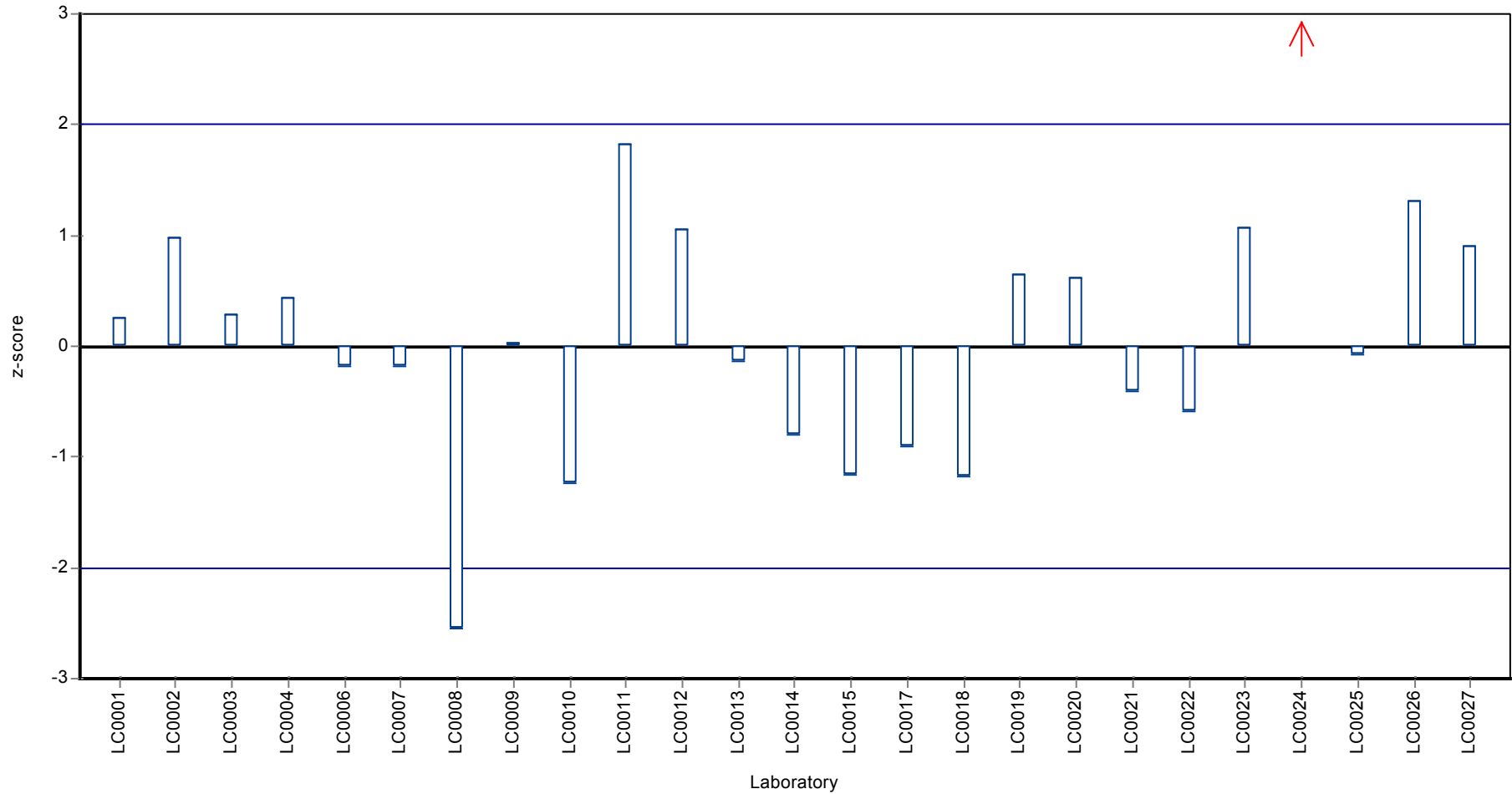
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Terbutylazine-desethyl

Unit	µg/l
Assigned value ± U (k=2)	0.872 ± 0.0456
Criterion	0.102 (12 %)
Minimum - Maximum	0.639 - 1.05
Control test value ± U (k=2)	1.01 ± 0.151

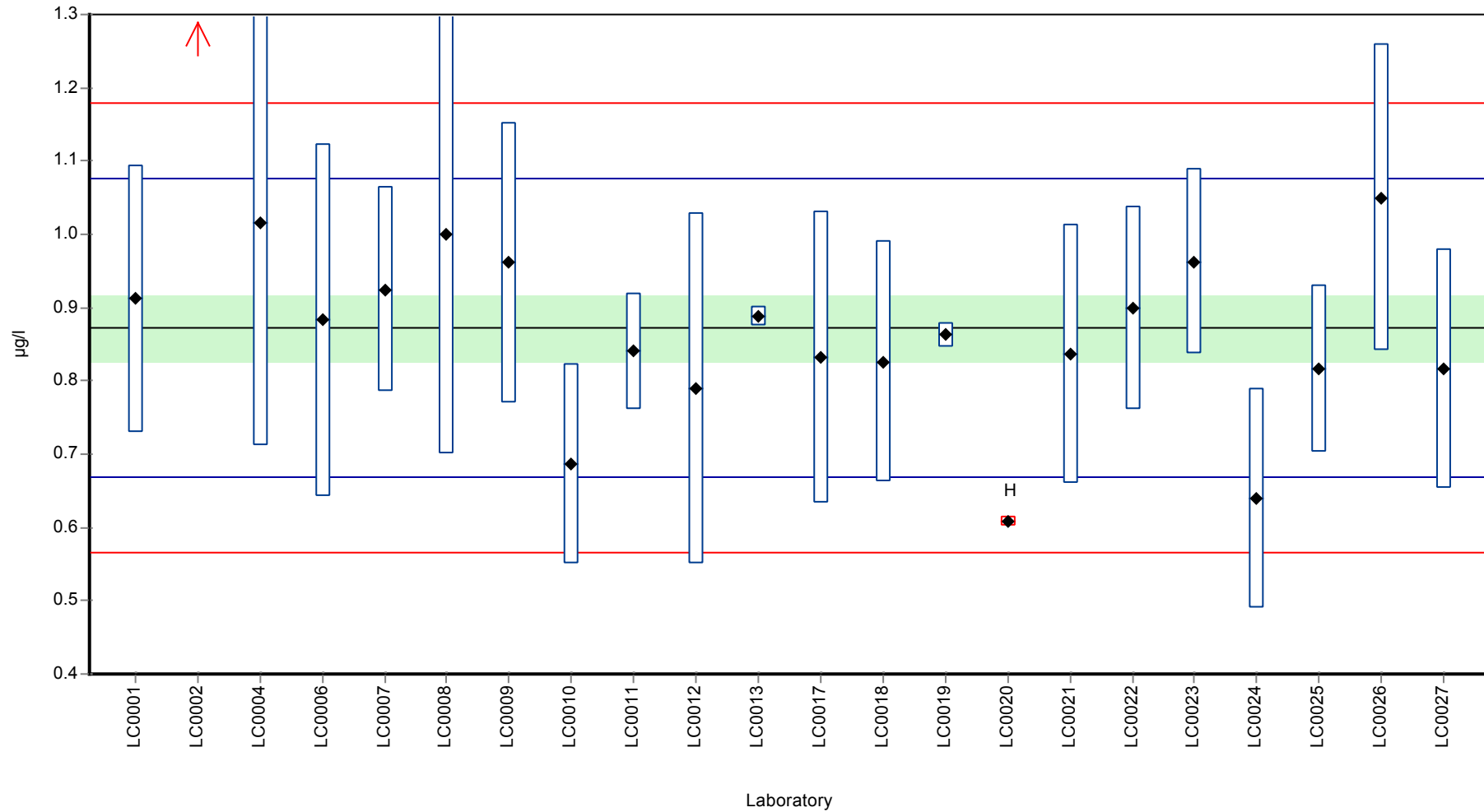
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.912	0.182	105	0.39	
LC0002	1.611	0.242	185	7.24	H
LC0003	-	-	-	-	
LC0004	1.0156	0.3047	116	1.41	
LC0005	-	-	-	-	
LC0006	0.883	0.241	101	0.11	
LC0007	0.925	0.139	106	0.52	
LC0008	1	0.3	115	1.25	
LC0009	0.961	0.192	110	0.87	
LC0010	0.687	0.137	78.8	-1.81	
LC0011	0.84	0.08	96.3	-0.32	
LC0012	0.79	0.24	90.6	-0.81	
LC0013	0.888	0.013	102	0.15	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0017	0.832	0.2	95.4	-0.39	
LC0018	0.826	0.165	94.7	-0.45	
LC0019	0.863	0.017	98.9	-0.09	
LC0020	0.608	0.007	69.7	-2.59	H
LC0021	0.837	0.177	96	-0.34	
LC0022	0.899	0.139	103	0.26	
LC0023	0.9628	0.1271	110	0.89	
LC0024	0.639	0.15	73.3	-2.29	
LC0025	0.816	0.114	93.6	-0.55	
LC0026	1.05	0.21	120	1.74	
LC0027	0.817	0.163	93.7	-0.54	

Characteristics of parameter

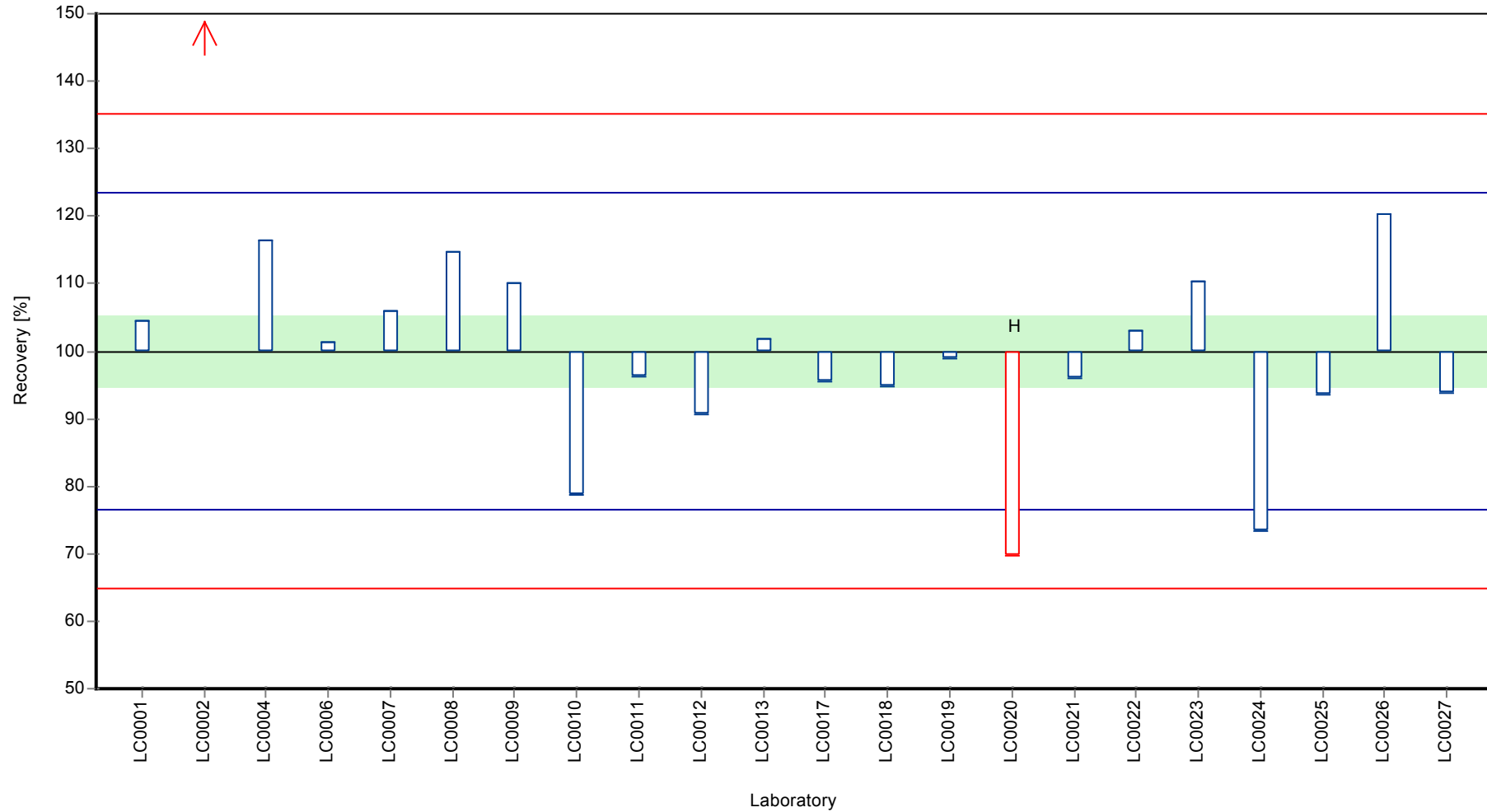
	all results	without outliers	Unit
Mean ± CI (99%)	0.894 ± 0.125	0.872 ± 0.0684	µg/l
Minimum	0.608	0.639	µg/l
Maximum	1.61	1.05	µg/l
Standard deviation	0.196	0.102	µg/l
rel. standard deviation	21.9	11.7 %	
n	22	20	-

Graphical presentation of results

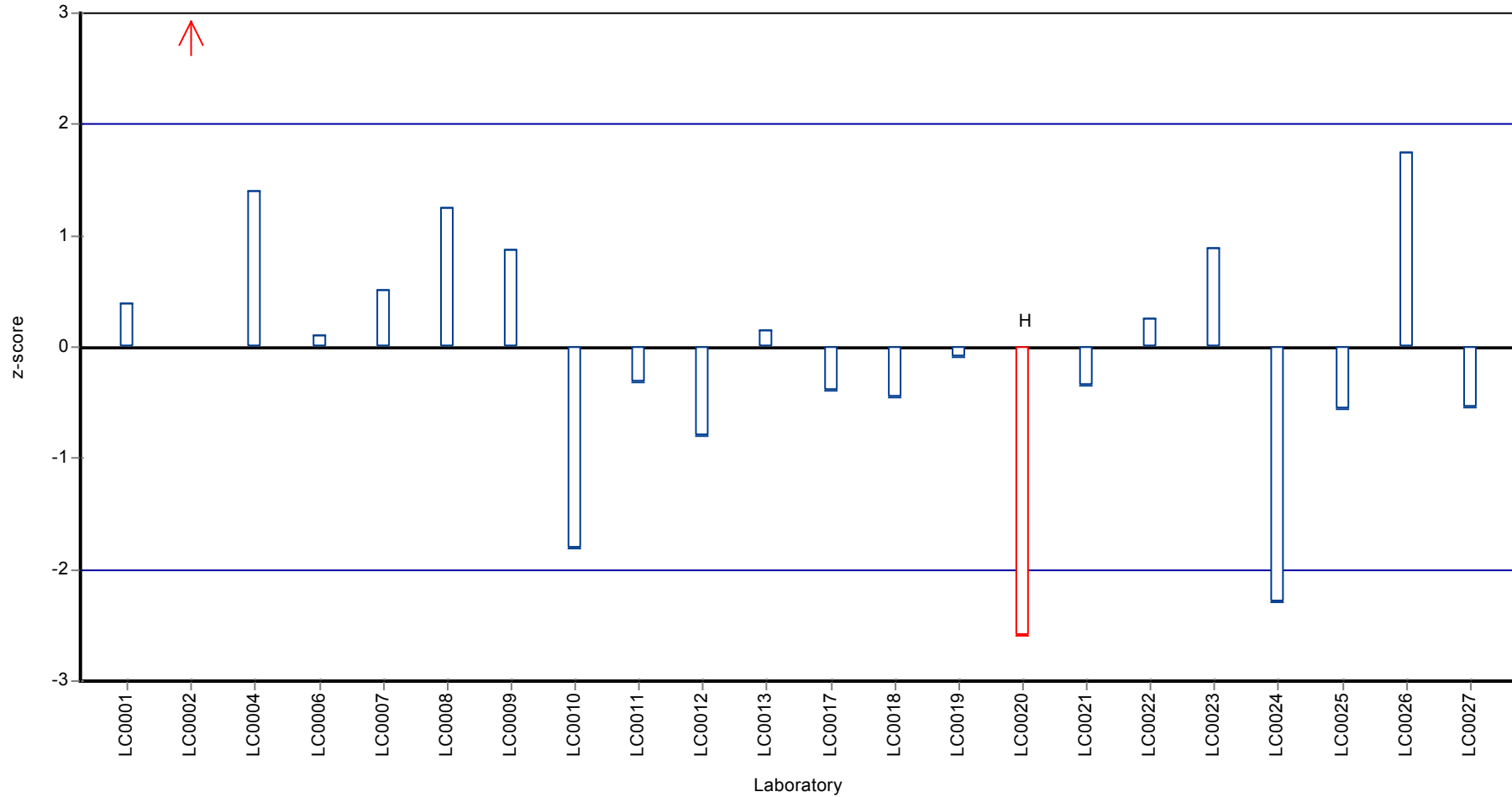
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Terbutylazine-desethyl

Unit	µg/l
Assigned value ± U (k=2)	0.25 ± 0.0142
Criterion	0.0325 (13 %)
Minimum - Maximum	0.179 - 0.333
Control test value ± U (k=2)	0.286 ± 0.043

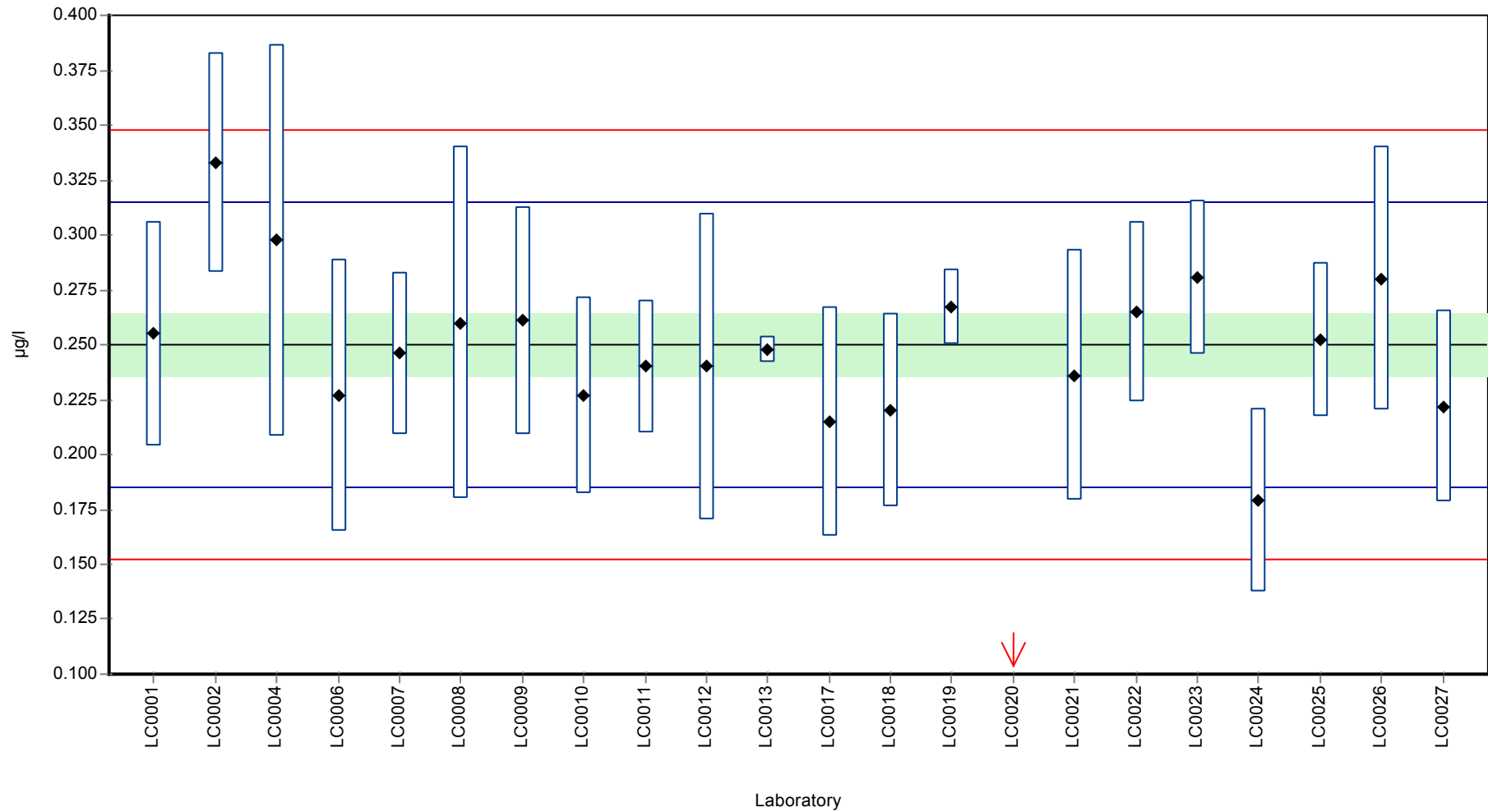
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.255	0.051	102	0.15	
LC0002	0.333	0.05	133	2.55	
LC0003	-	-	-	-	
LC0004	0.2974	0.0892	119	1.46	
LC0005	-	-	-	-	
LC0006	0.227	0.062	90.8	-0.71	
LC0007	0.246	0.037	98.4	-0.12	
LC0008	0.26	0.08	104	0.31	
LC0009	0.261	0.052	104	0.34	
LC0010	0.227	0.045	90.8	-0.71	
LC0011	0.24	0.03	96	-0.31	
LC0012	0.24	0.07	96	-0.31	
LC0013	0.248	0.006	99.2	-0.06	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0017	0.215	0.052	86	-1.08	
LC0018	0.22	0.044	88	-0.92	
LC0019	0.267	0.017	107	0.52	
LC0020	0.101	0.005	40.4	-4.58	H
LC0021	0.236	0.057	94.4	-0.43	
LC0022	0.265	0.041	106	0.46	
LC0023	0.2806	0.0351	112	0.94	
LC0024	0.179	0.042	71.6	-2.18	
LC0025	0.252	0.035	101	0.06	
LC0026	0.28	0.06	112	0.92	
LC0027	0.222	0.044	88.8	-0.86	

Characteristics of parameter

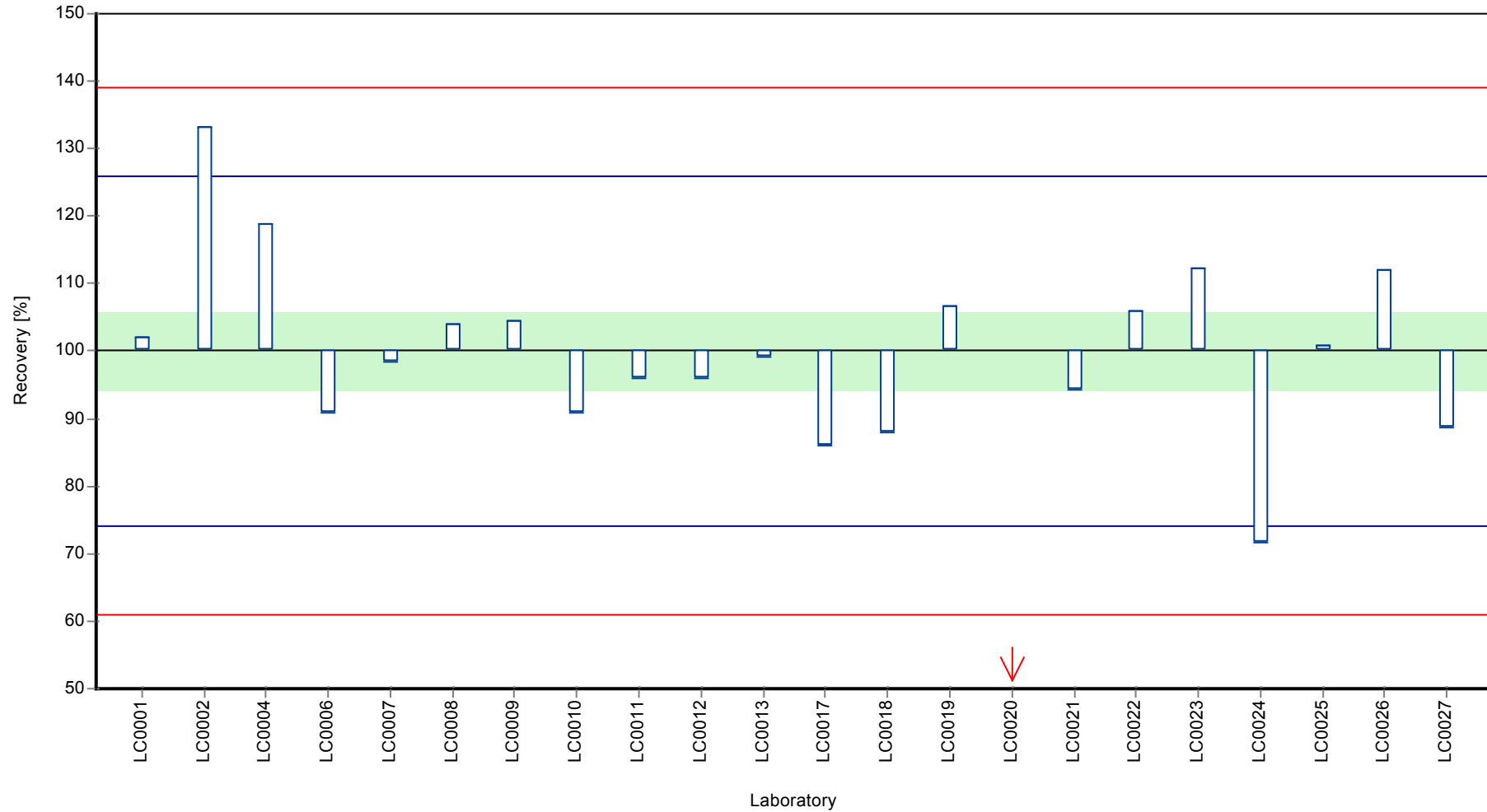
	all results	without outliers	Unit
Mean ± CI (99%)	0.243 ± 0.0287	0.25 ± 0.0213	µg/l
Minimum	0.101	0.179	µg/l
Maximum	0.333	0.333	µg/l
Standard deviation	0.0449	0.0325	µg/l
rel. standard deviation	18.5	13 %	
n	22	21	-

Graphical presentation of results

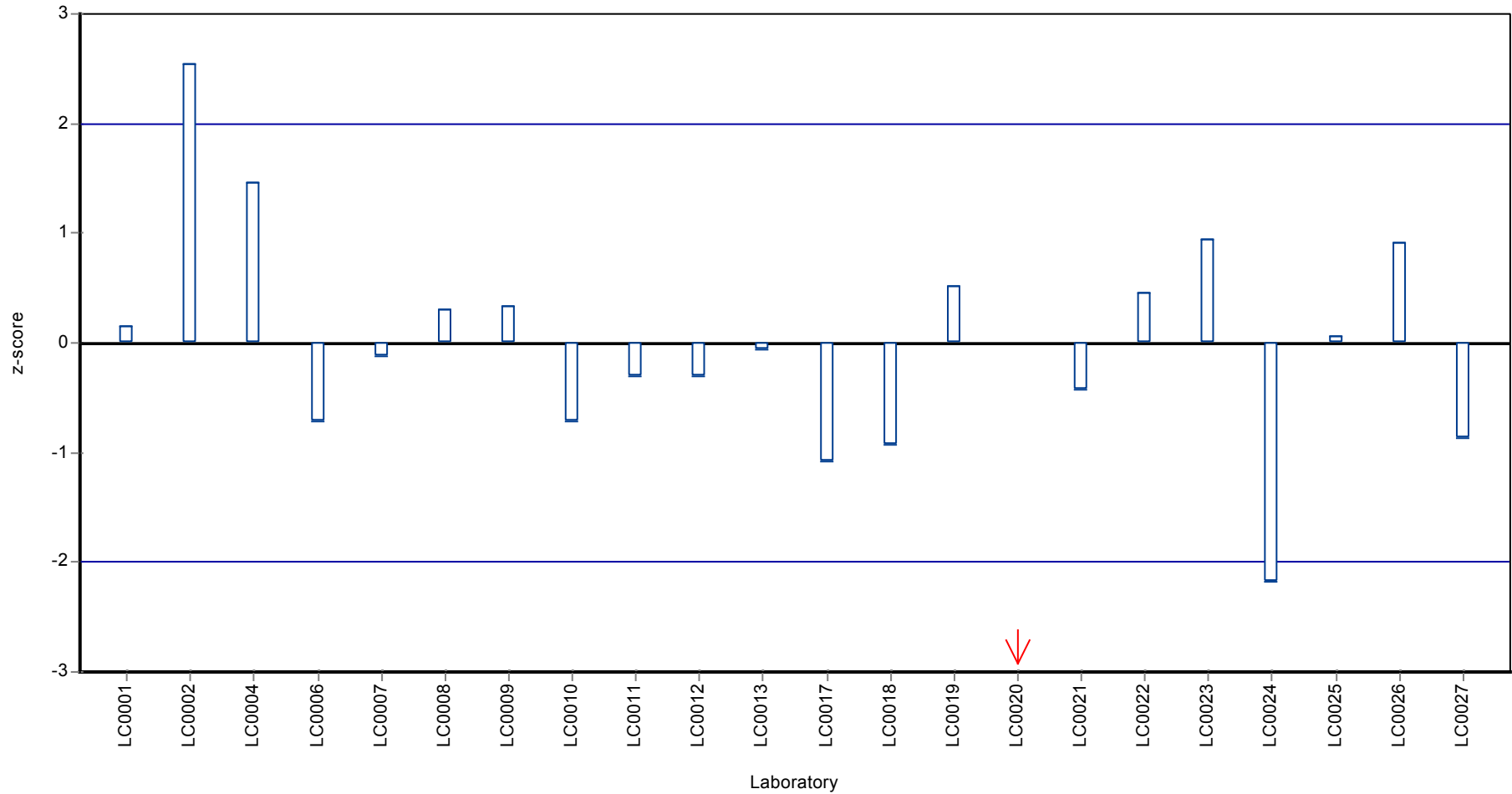
Results



Recovery rate



Z-score



Parameter oriented report

H103 A

Terbutryn

Unit	µg/l
Assigned value ± U (k=2)	0.161 ± 0.0117
Criterion	0.0241 (15 %)
Minimum - Maximum	0.108 - 0.195
Control test value ± U (k=2)	0.181 ± 0.0271

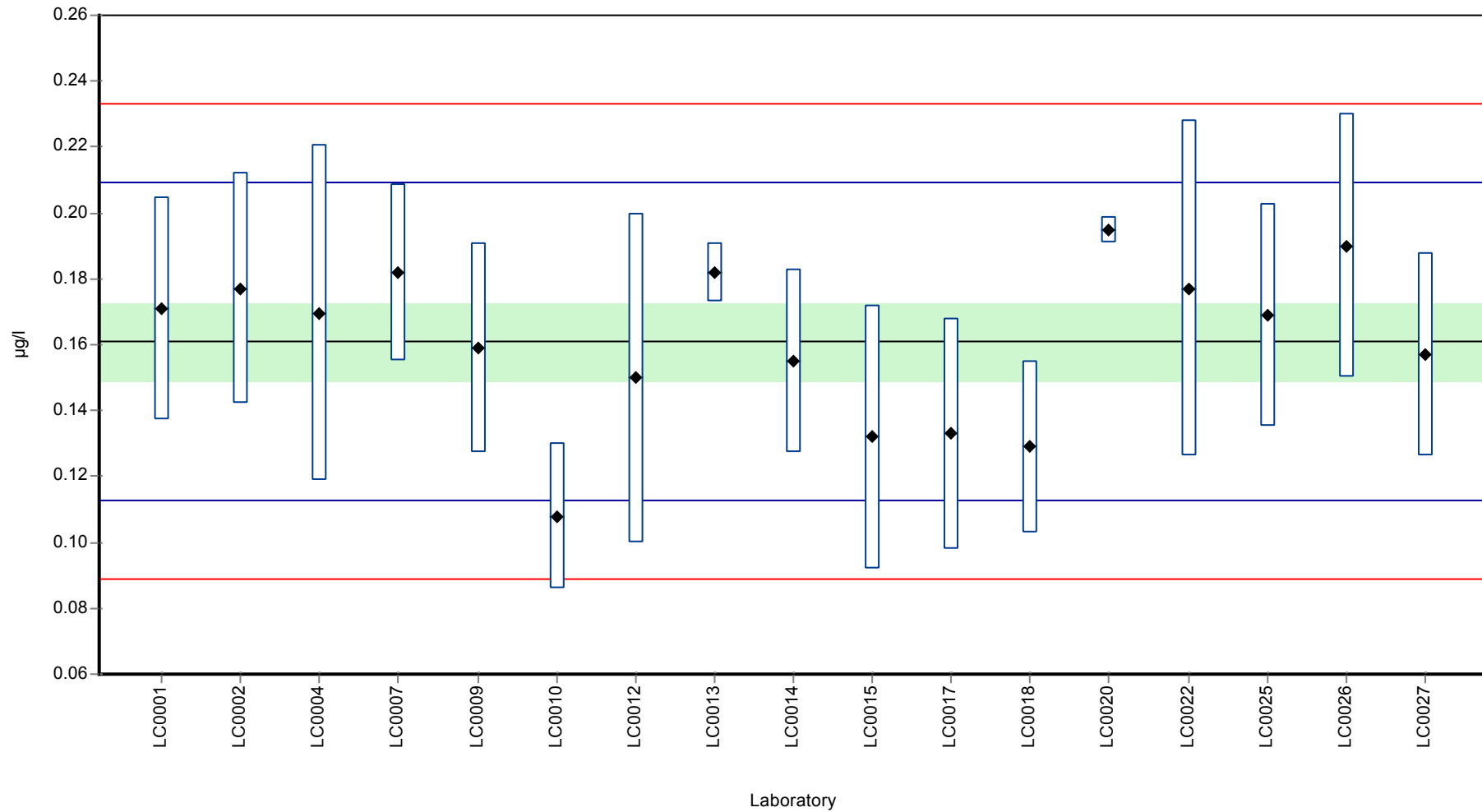
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.171	0.034	106	0.42	
LC0002	0.177	0.035	110	0.67	
LC0003	-	-	-	-	
LC0004	0.1696	0.0509	105	0.36	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.182	0.027	113	0.88	
LC0008	-	-	-	-	
LC0009	0.159	0.032	98.8	-0.08	
LC0010	0.108	0.022	67.1	-2.2	
LC0011	-	-	-	-	
LC0012	0.15	0.05	93.2	-0.45	
LC0013	0.182	0.009	113	0.88	
LC0014	0.155	0.028	96.3	-0.25	
LC0015	0.132	0.04	82	-1.2	
LC0017	0.133	0.035	82.7	-1.16	
LC0018	0.129	0.026	80.2	-1.33	
LC0019	-	-	-	-	
LC0020	0.195	0.004	121	1.42	
LC0021	-	-	-	-	
LC0022	0.177	0.051	110	0.67	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.169	0.034	105	0.34	
LC0026	0.19	0.04	118	1.21	
LC0027	0.157	0.031	97.6	-0.16	

Characteristics of parameter

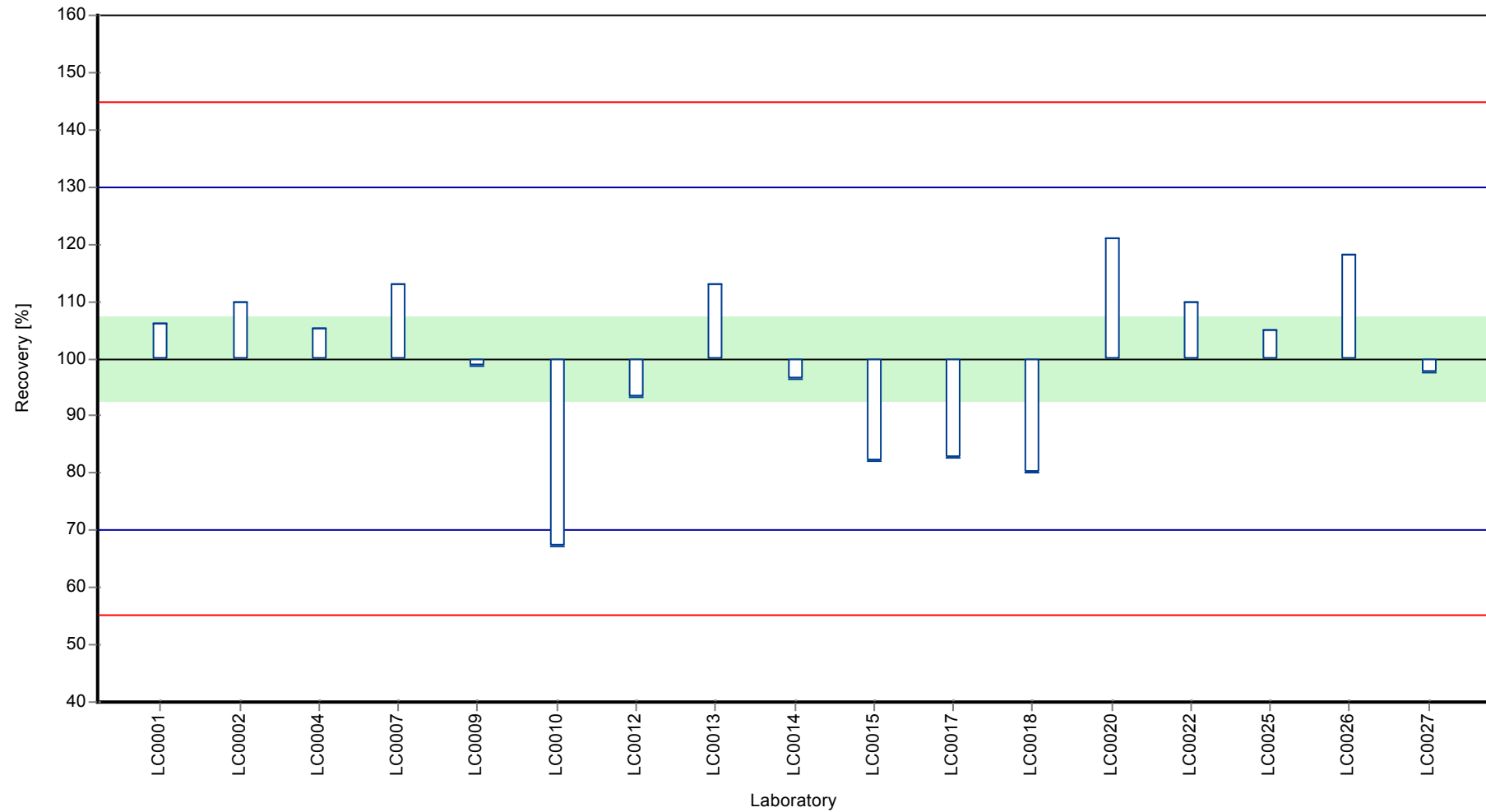
	all results	without outliers	Unit
Mean ± CI (99%)	0.161 ± 0.0175	0.161 ± 0.0175	µg/l
Minimum	0.108	0.108	µg/l
Maximum	0.195	0.195	µg/l
Standard deviation	0.0241	0.0241	µg/l
rel. standard deviation	15	15	%
n	17	17	-

Graphical presentation of results

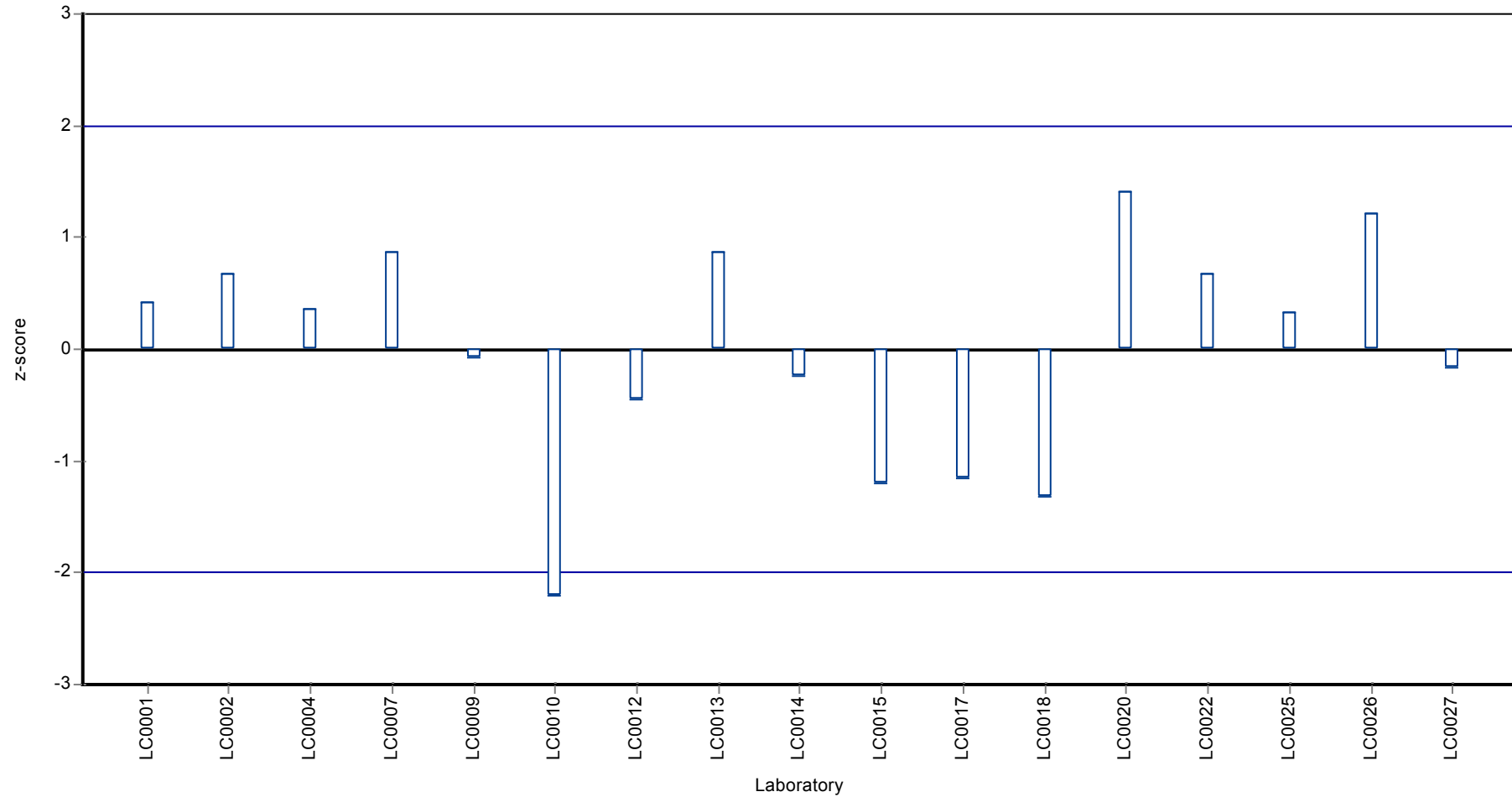
Results



Recovery rate



Z-score



Parameter oriented report

H103 B

Terbutryn

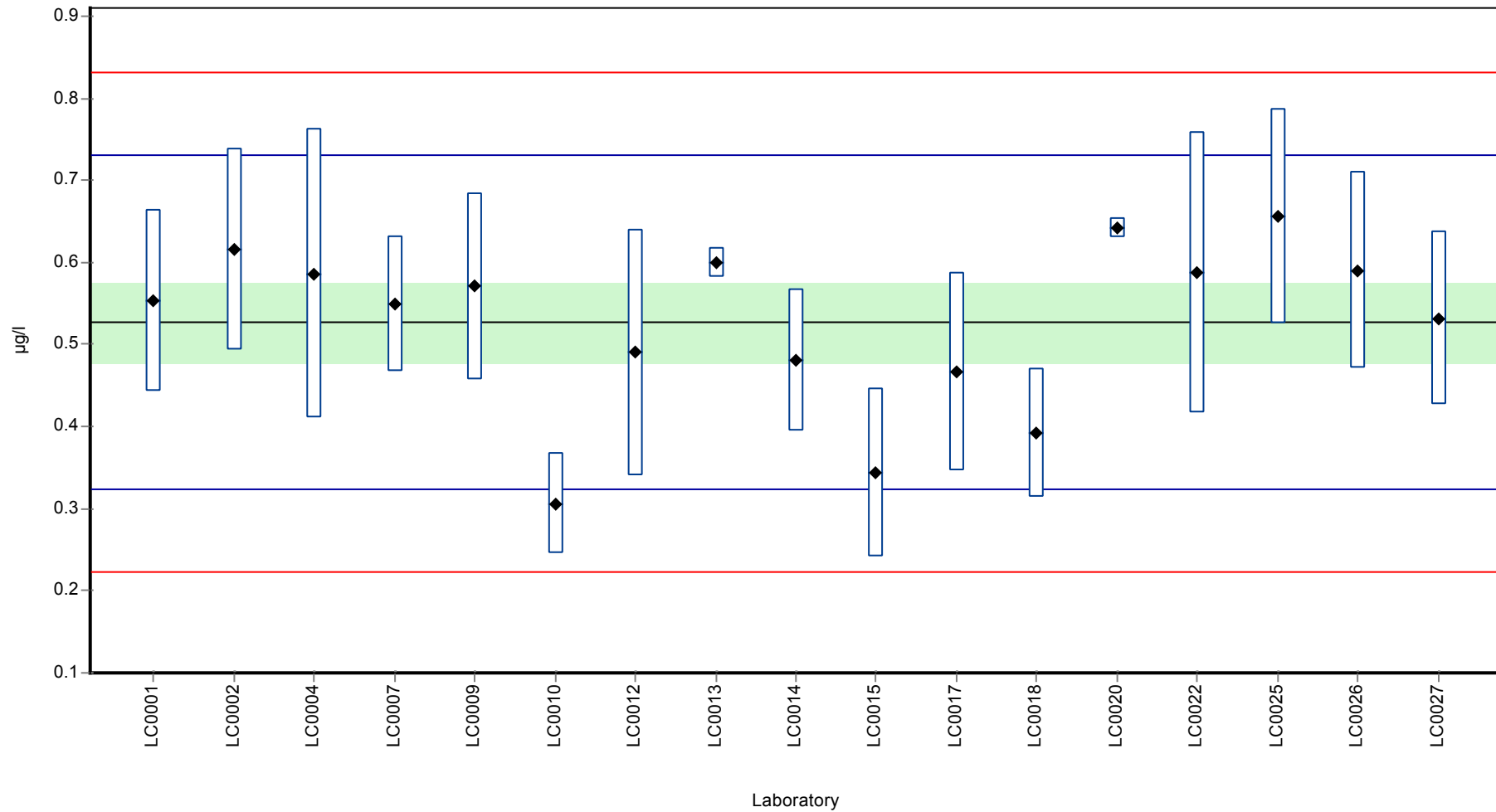
Unit	µg/l
Assigned value ± U (k=2)	0.527 ± 0.0493
Criterion	0.102 (19 %)
Minimum - Maximum	0.306 - 0.657
Control test value ± U (k=2)	0.600 ± 0.0901

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.554	0.111	105	0.26	
LC0002	0.615	0.123	117	0.86	
LC0003	-	-	-	-	
LC0004	0.5862	0.1759	111	0.58	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.549	0.082	104	0.21	
LC0008	-	-	-	-	
LC0009	0.571	0.114	108	0.43	
LC0010	0.306	0.061	58	-2.18	
LC0011	-	-	-	-	
LC0012	0.49	0.15	92.9	-0.37	
LC0013	0.599	0.018	114	0.71	
LC0014	0.481	0.087	91.2	-0.46	
LC0015	0.344	0.103	65.3	-1.8	
LC0017	0.466	0.121	88.4	-0.6	
LC0018	0.392	0.078	74.4	-1.33	
LC0019	-	-	-	-	
LC0020	0.642	0.012	122	1.13	
LC0021	-	-	-	-	
LC0022	0.588	0.171	112	0.6	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.657	0.131	125	1.28	
LC0026	0.59	0.12	112	0.62	
LC0027	0.532	0.106	101	0.05	

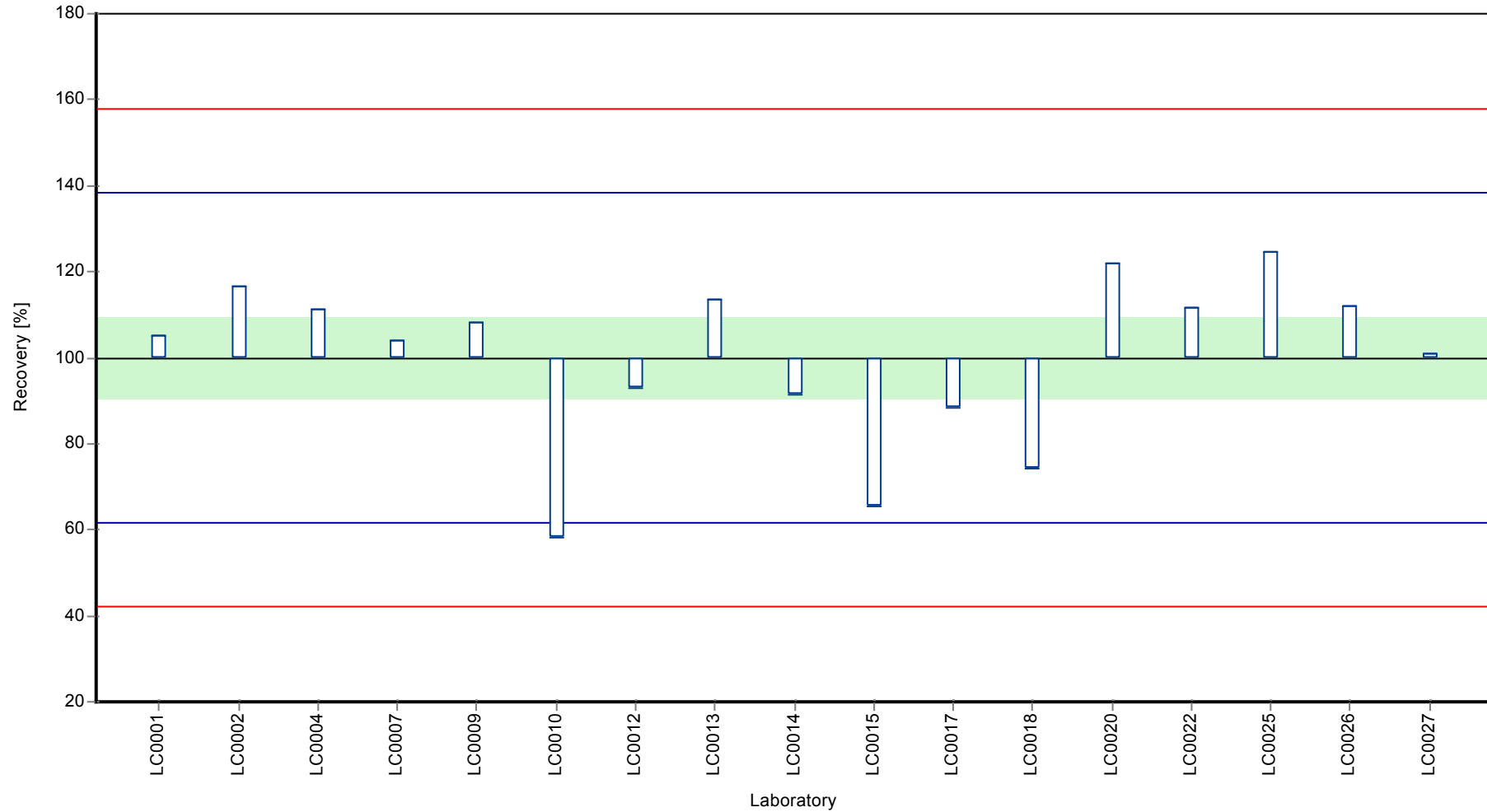
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.527 ± 0.0739	0.527 ± 0.0739	µg/l
Minimum	0.306	0.306	µg/l
Maximum	0.657	0.657	µg/l
Standard deviation	0.102	0.102	µg/l
rel. standard deviation	19.3	19.3	%
n	17	17	-

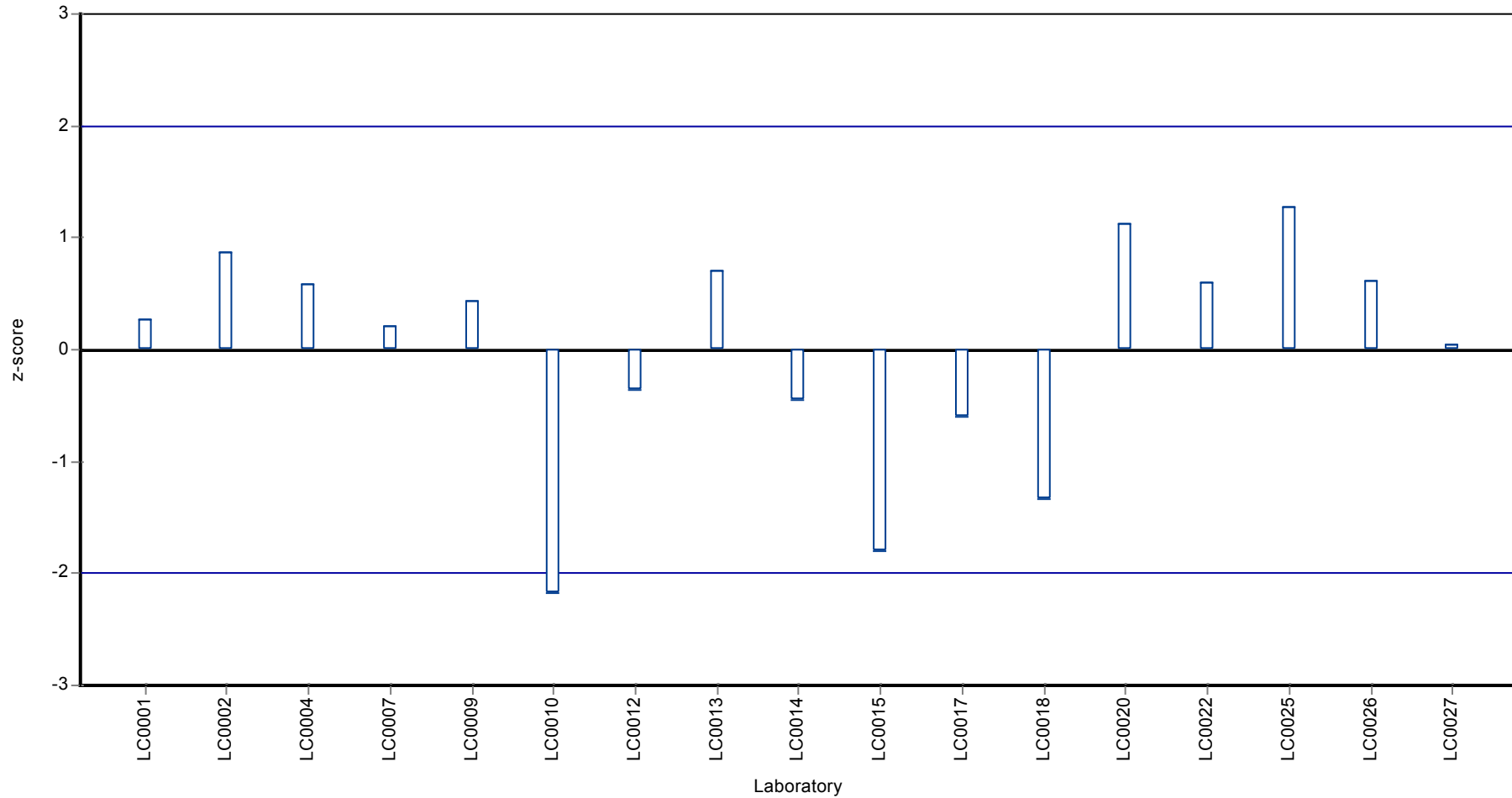
Graphical presentation of results
Results



Recovery rate



Z-score



E8. Labororientierte Auswertung / Laboratory oriented report

Die Labororientierte Auswertung ist nach dem Laborcode sortiert.

The laboratory oriented report is sorted by laboratory code.

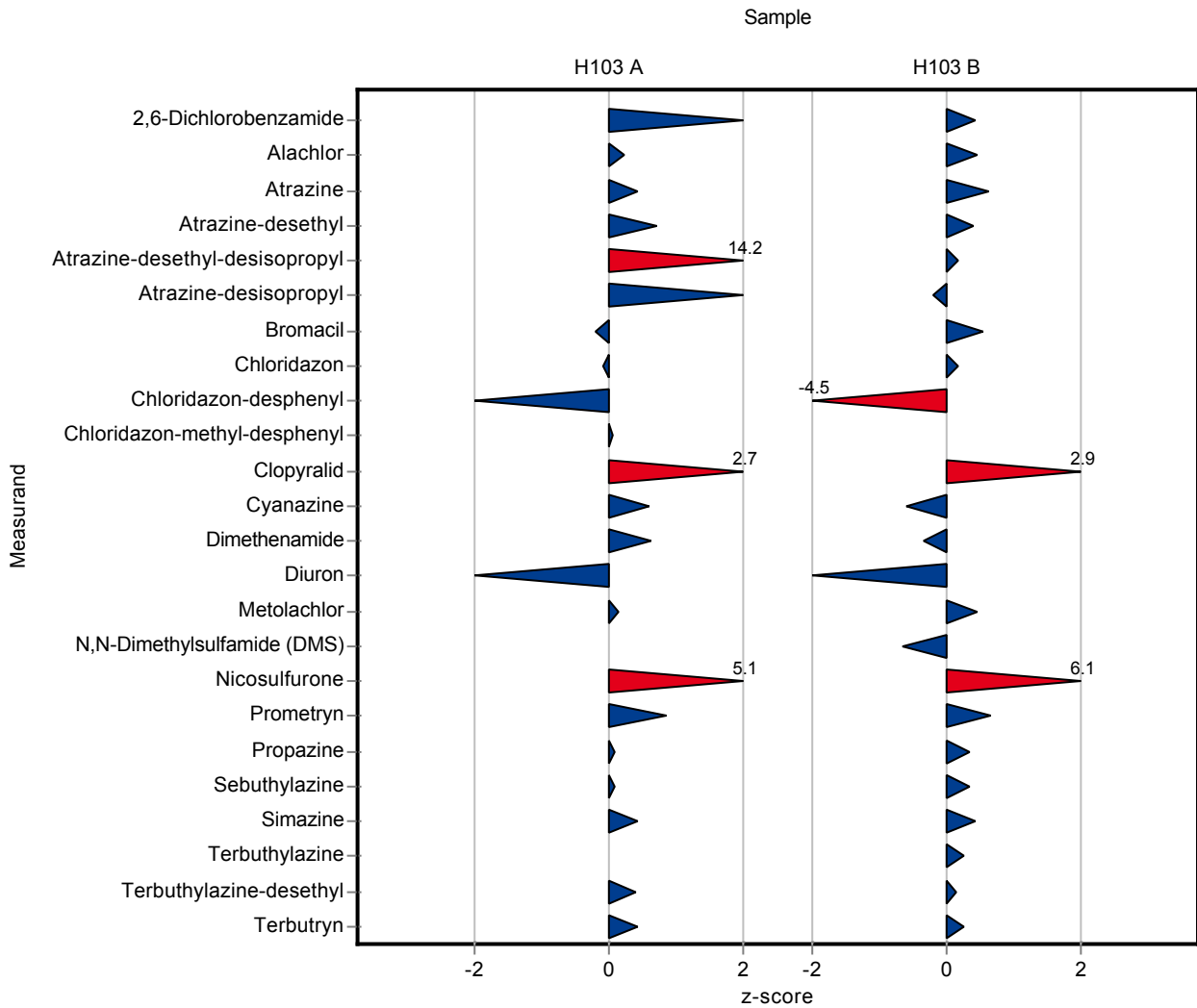
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.558 ± 0.112	0.0837	132	1.60
Alachlor	µg/l	0.531 ± 0.0183	0.544 ± 0.109	0.0637	102	0.20
Atrazine	µg/l	0.151 ± 0.00508	0.158 ± 0.032	0.0166	105	0.43
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.744 ± 0.149	0.113	112	0.70
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.858 ± 0.172	0.0528	786	14.20
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.941 ± 0.188	0.121	117	1.11
Bromacil	µg/l	0.322 ± 0.0231	0.312 ± 0.062	0.045	97	-0.21
Chloridazon	µg/l	0.119 ± 0.00542	0.117 ± 0.023	0.0154	98.6	-0.11
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.425 ± 0.085	0.0554	84.3	-1.42
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.098 ± 0.02	0.0165	101	0.06
Clopyralid	µg/l	0.277 ± 0.101	0.48 ± 0.096	0.0748	173	2.71
Cyanazine	µg/l	0.418 ± 0.0247	0.458 ± 0.092	0.0669	110	0.60
Dimethenamide	µg/l	0.673 ± 0.0571	0.733 ± 0.147	0.0988	109	0.61
Diuron	µg/l	0.256 ± 0.0132	0.214 ± 0.043	0.0358	83.7	-1.16
Metolachlor	µg/l	0.327 ± 0.0221	0.334 ± 0.067	0.0506	102	0.14
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	<0.1 (LOQ) ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	0.444 ± 0.089	0.0533	260	5.13
Prometryn	µg/l	0.448 ± 0.0374	0.508 ± 0.102	0.07	113	0.85
Propazine	µg/l	0.222 ± 0.0151	0.224 ± 0.045	0.0321	101	0.07
Sebuthylazine	µg/l	0.35 ± 0.0202	0.352 ± 0.07	0.0379	101	0.07
Simazine	µg/l	0.604 ± 0.0259	0.632 ± 0.126	0.0664	105	0.42
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.912 ± 0.182	0.102	105	0.39
Terbutryn	µg/l	0.161 ± 0.0117	0.171 ± 0.034	0.0241	106	0.42

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.13 ± 0.026	0.0183	107	0.44
Alachlor	µg/l	0.527 ± 0.0223	0.556 ± 0.111	0.0633	105	0.46
Atrazine	µg/l	0.69 ± 0.0305	0.739 ± 0.148	0.0763	107	0.64
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.184 ± 0.037	0.0293	107	0.41
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.219 ± 0.044	0.0656	106	0.19
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.733 ± 0.147	0.113	97	-0.20

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.291 ± 0.058	0.0417	109	0.56
Chloridazon	µg/l	0.332 ± 0.02	0.34 ± 0.068	0.0447	102	0.17
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.123 ± 0.025	0.027	50.2	-4.53
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	<0.1 (LOQ) ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	1.03 ± 0.206	0.155	179	2.93
Cyanazine	µg/l	0.282 ± 0.0187	0.255 ± 0.051	0.0451	90.4	-0.60
Dimethenamide	µg/l	0.354 ± 0.026	0.338 ± 0.068	0.0469	95.5	-0.34
Diuron	µg/l	0.86 ± 0.0461	0.707 ± 0.141	0.12	82.2	-1.27
Metolachlor	µg/l	0.164 ± 0.0112	0.176 ± 0.035	0.0263	107	0.47
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.711 ± 0.142	0.118	90.5	-0.63
Nicosulfurone	µg/l	0.287 ± 0.0545	0.841 ± 0.168	0.0903	293	6.13
Prometryn	µg/l	0.519 ± 0.0417	0.571 ± 0.114	0.0781	110	0.66
Propazine	µg/l	0.296 ± 0.0198	0.31 ± 0.062	0.042	105	0.34
Sebuthylazine	µg/l	0.365 ± 0.0236	0.38 ± 0.076	0.0441	104	0.34
Simazine	µg/l	0.101 ± 0.00575	0.107 ± 0.021	0.0129	106	0.45
Terbuthylazine	µg/l	0.239 ± 0.0159	0.249 ± 0.05	0.0389	104	0.26
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.255 ± 0.051	0.0325	102	0.15
Terbutryn	µg/l	0.527 ± 0.0493	0.554 ± 0.111	0.102	105	0.26



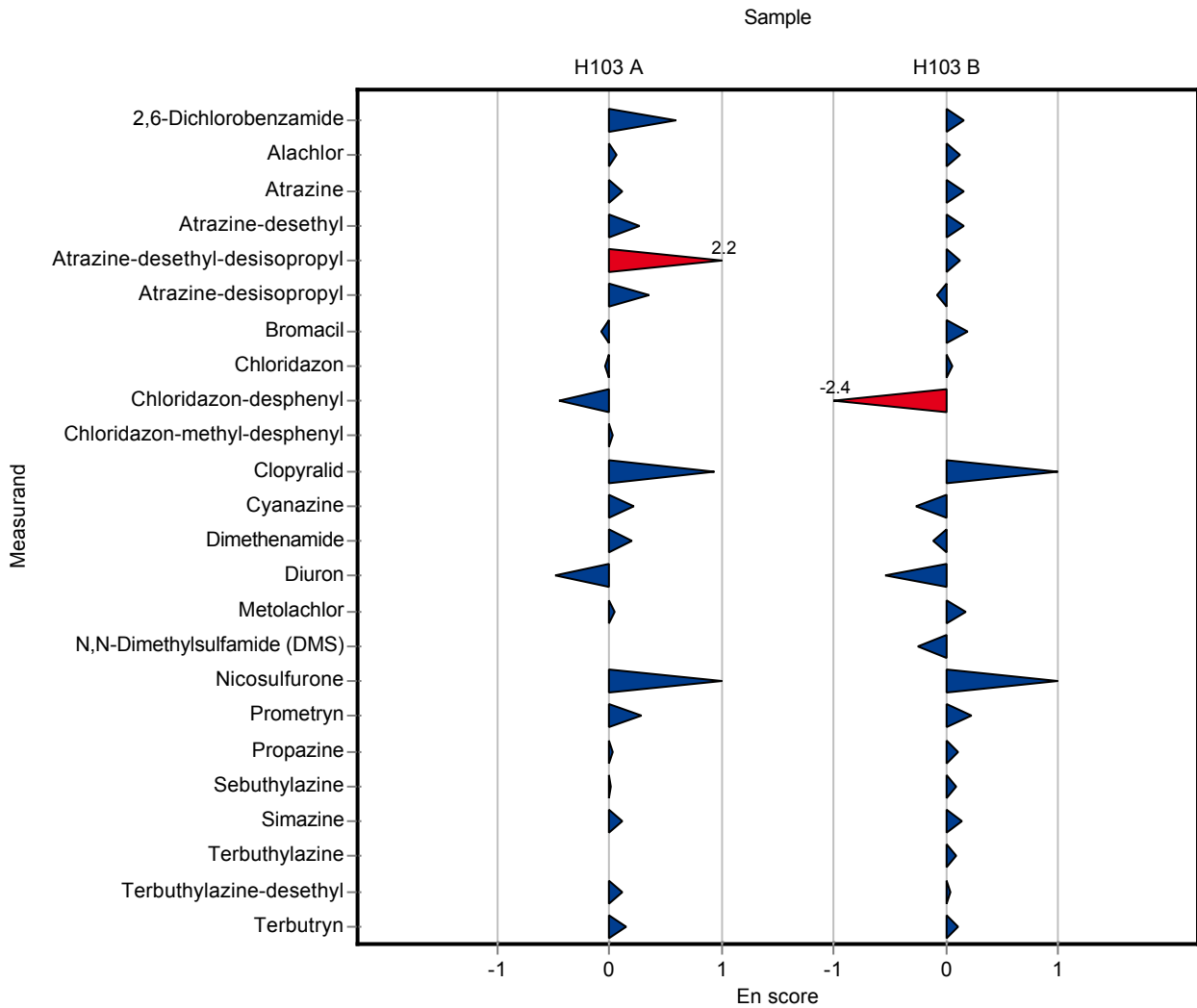
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.558 ± 0.112	0.0837	132	0.59
Alachlor	µg/l	0.531 ± 0.0183	0.544 ± 0.109	0.0637	102	0.06
Atrazine	µg/l	0.151 ± 0.00508	0.158 ± 0.032	0.0166	105	0.11
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.744 ± 0.149	0.113	112	0.26
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.858 ± 0.172	0.0528	786	2.16
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.941 ± 0.188	0.121	117	0.35
Bromacil	µg/l	0.322 ± 0.0231	0.312 ± 0.062	0.045	97	-0.08
Chloridazon	µg/l	0.119 ± 0.00542	0.117 ± 0.023	0.0154	98.6	-0.04
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.425 ± 0.085	0.0554	84.3	-0.46
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.098 ± 0.02	0.0165	101	0.02
Clopyralid	µg/l	0.277 ± 0.101	0.48 ± 0.096	0.0748	173	0.94
Cyanazine	µg/l	0.418 ± 0.0247	0.458 ± 0.092	0.0669	110	0.21
Dimethenamide	µg/l	0.673 ± 0.0571	0.733 ± 0.147	0.0988	109	0.20
Diuron	µg/l	0.256 ± 0.0132	0.214 ± 0.043	0.0358	83.7	-0.48
Metolachlor	µg/l	0.327 ± 0.0221	0.334 ± 0.067	0.0506	102	0.05
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	<0.1 (LOQ) ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	0.444 ± 0.089	0.0533	260	1.51
Prometryn	µg/l	0.448 ± 0.0374	0.508 ± 0.102	0.07	113	0.29
Propazine	µg/l	0.222 ± 0.0151	0.224 ± 0.045	0.0321	101	0.02
Sebuthylazine	µg/l	0.35 ± 0.0202	0.352 ± 0.07	0.0379	101	0.02
Simazine	µg/l	0.604 ± 0.0259	0.632 ± 0.126	0.0664	105	0.11
Terbutylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.912 ± 0.182	0.102	105	0.11
Terbutryn	µg/l	0.161 ± 0.0117	0.171 ± 0.034	0.0241	106	0.15

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.13 ± 0.026	0.0183	107	0.15
Alachlor	µg/l	0.527 ± 0.0223	0.556 ± 0.111	0.0633	105	0.13
Atrazine	µg/l	0.69 ± 0.0305	0.739 ± 0.148	0.0763	107	0.17
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.184 ± 0.037	0.0293	107	0.16
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.219 ± 0.044	0.0656	106	0.13
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.733 ± 0.147	0.113	97	-0.08

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]	
Bromacil	µg/l	0.268 ± 0.0215	0.291 ± 0.058	0.0417	109	0.20
Chloridazon	µg/l	0.332 ± 0.02	0.34 ± 0.068	0.0447	102	0.06
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.123 ± 0.025	0.027	50.2	-2.39
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	<0.1 (LOQ) ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	1.03 ± 0.206	0.155	179	1.00
Cyanazine	µg/l	0.282 ± 0.0187	0.255 ± 0.051	0.0451	90.4	-0.26
Dimethenamide	µg/l	0.354 ± 0.026	0.338 ± 0.068	0.0469	95.5	-0.11
Diuron	µg/l	0.86 ± 0.0461	0.707 ± 0.141	0.12	82.2	-0.54
Metolachlor	µg/l	0.164 ± 0.0112	0.176 ± 0.035	0.0263	107	0.17
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.711 ± 0.142	0.118	90.5	-0.26
Nicosulfurone	µg/l	0.287 ± 0.0545	0.841 ± 0.168	0.0903	293	1.63
Prometryn	µg/l	0.519 ± 0.0417	0.571 ± 0.114	0.0781	110	0.22
Propazine	µg/l	0.296 ± 0.0198	0.31 ± 0.062	0.042	105	0.11
Sebuthylazine	µg/l	0.365 ± 0.0236	0.38 ± 0.076	0.0441	104	0.10
Simazine	µg/l	0.101 ± 0.00575	0.107 ± 0.021	0.0129	106	0.14
Terbuthylazine	µg/l	0.239 ± 0.0159	0.249 ± 0.05	0.0389	104	0.10
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.255 ± 0.051	0.0325	102	0.05
Terbutryn	µg/l	0.527 ± 0.0493	0.554 ± 0.111	0.102	105	0.12



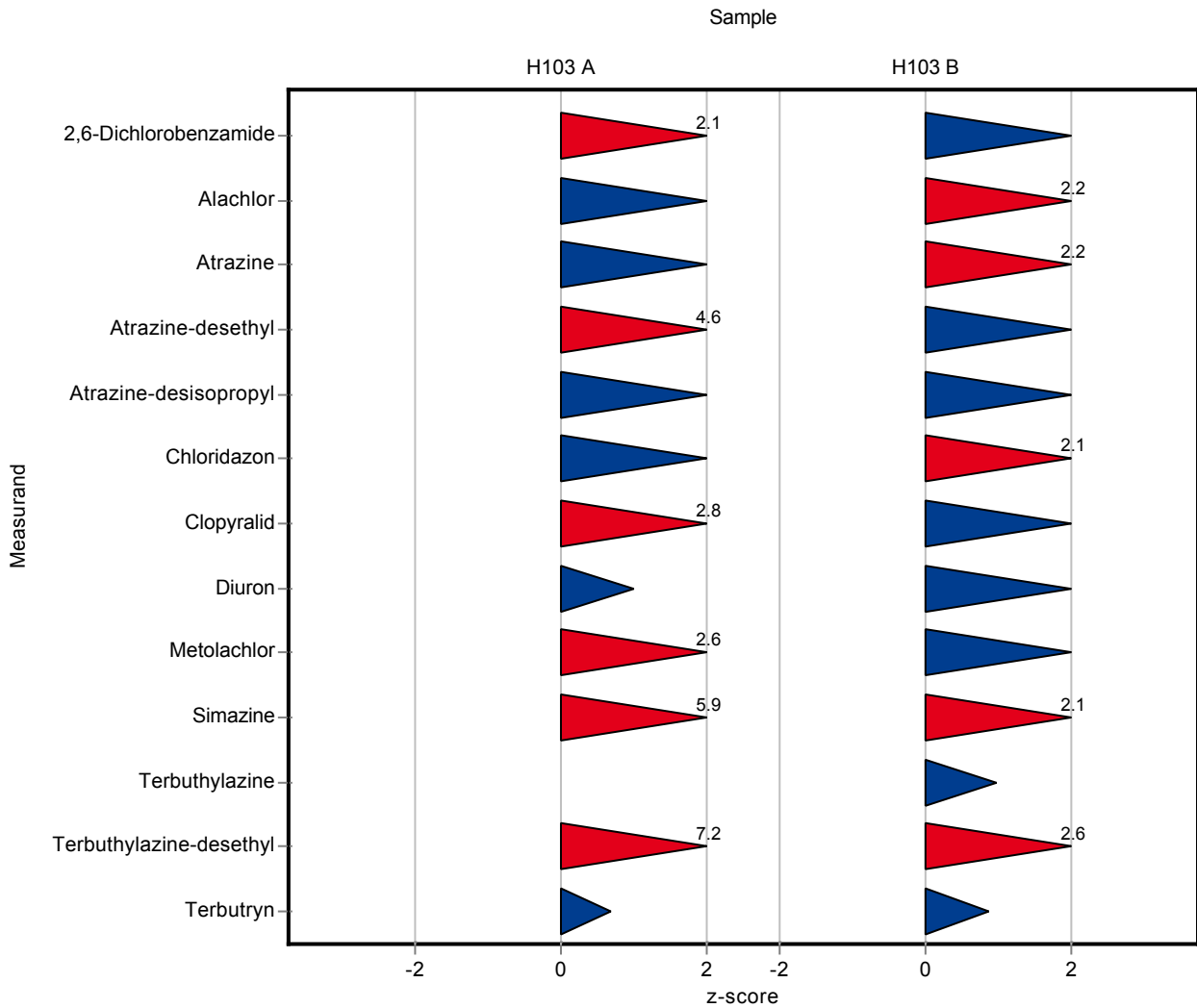
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.599 ± 0.12	0.0837	141	2.09
Alachlor	µg/l	0.531 ± 0.0183	0.648 ± 0.13	0.0637	122	1.84
Atrazine	µg/l	0.151 ± 0.00508	0.179 ± 0.022	0.0166	119	1.69
Atrazine-desethyl	µg/l	0.665 ± 0.0349	1.186 ± 0.178	0.113	178	4.61
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	1.024 ± 0.154	0.121	127	1.79
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	0.147 ± 0.022	0.0154	124	1.84
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	- ± -	0.0554	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	- ± -	0.0165	-	-
Clopyralid	µg/l	0.277 ± 0.101	0.484 ± 0.097	0.0748	175	2.77
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.291 ± 0.044	0.0358	114	0.99
Metolachlor	µg/l	0.327 ± 0.0221	0.457 ± 0.069	0.0506	140	2.57
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.997 ± 0.15	0.0664	165	5.92
Terbuthylazine	µg/l	- ± -	<0.002 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	1.611 ± 0.242	0.102	185	7.24
Terbutryn	µg/l	0.161 ± 0.0117	0.177 ± 0.035	0.0241	110	0.67

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.151 ± 0.03	0.0183	124	1.59
Alachlor	µg/l	0.527 ± 0.0223	0.665 ± 0.133	0.0633	126	2.18
Atrazine	µg/l	0.69 ± 0.0305	0.857 ± 0.107	0.0763	124	2.19
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.22 ± 0.033	0.0293	128	1.64
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.919 ± 0.138	0.113	122	1.44

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	0.427 ± 0.064	0.0447	129	2.12
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	- ± -	0.027	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	- ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	0.861 ± 0.172	0.155	150	1.84
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	1.048 ± 0.157	0.12	122	1.56
Metolachlor	µg/l	0.164 ± 0.0112	0.204 ± 0.031	0.0263	125	1.53
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-	-
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-	-
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.128 ± 0.019	0.0129	126	2.08
Terbuthylazine	µg/l	0.239 ± 0.0159	0.277 ± 0.035	0.0389	116	0.98
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.333 ± 0.05	0.0325	133	2.55
Terbutryn	µg/l	0.527 ± 0.0493	0.615 ± 0.123	0.102	117	0.86



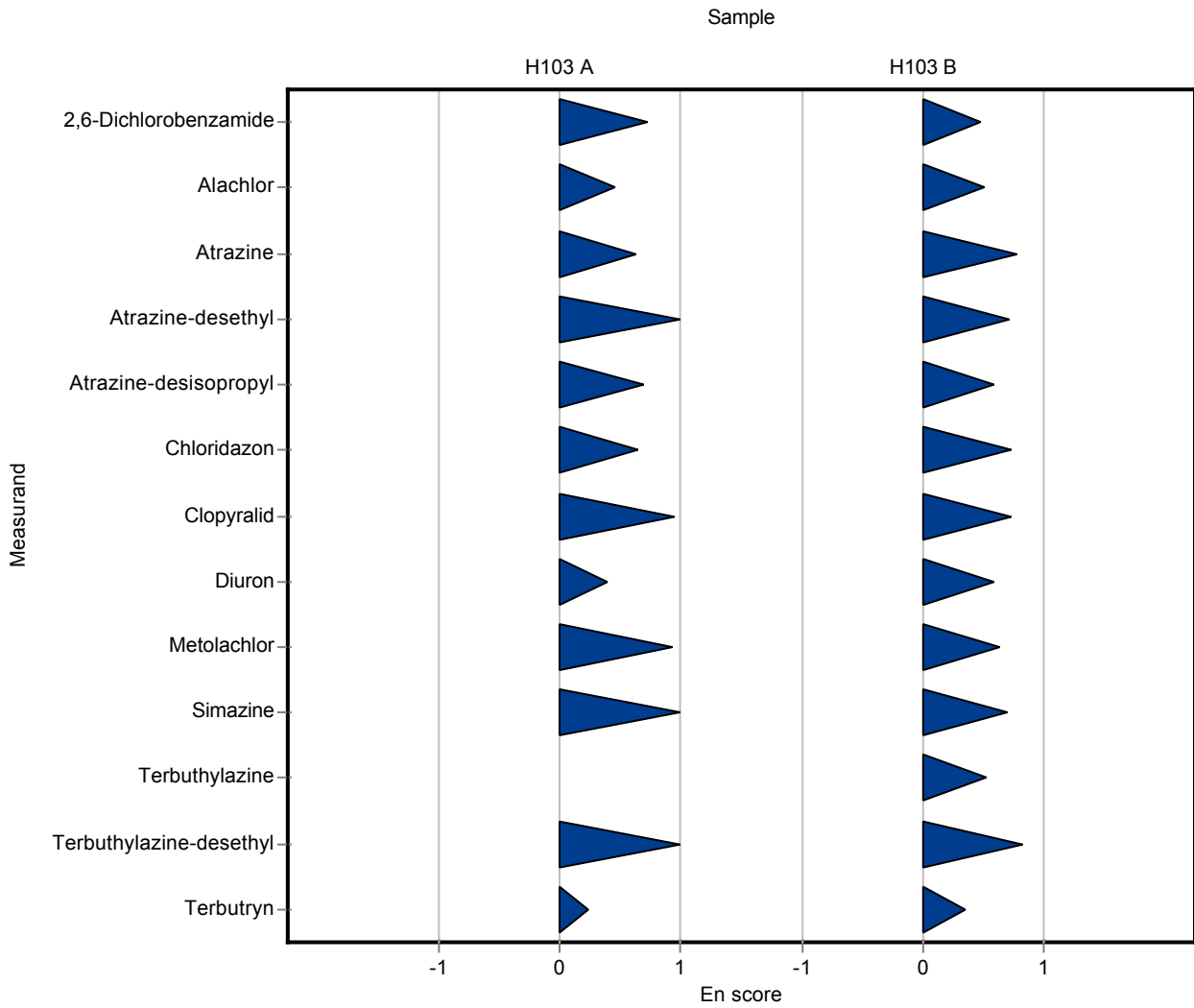
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.599 ± 0.12	0.0837	141	0.72
Alachlor	µg/l	0.531 ± 0.0183	0.648 ± 0.13	0.0637	122	0.45
Atrazine	µg/l	0.151 ± 0.00508	0.179 ± 0.022	0.0166	119	0.63
Atrazine-desethyl	µg/l	0.665 ± 0.0349	1.186 ± 0.178	0.113	178	1.46
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	1.024 ± 0.154	0.121	127	0.70
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	0.147 ± 0.022	0.0154	124	0.64
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	- ± -	0.0554	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	- ± -	0.0165	-	-
Clopyralid	µg/l	0.277 ± 0.101	0.484 ± 0.097	0.0748	175	0.95
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.291 ± 0.044	0.0358	114	0.40
Metolachlor	µg/l	0.327 ± 0.0221	0.457 ± 0.069	0.0506	140	0.93
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.997 ± 0.15	0.0664	165	1.31
Terbuthylazine	µg/l	- ± -	<0.002 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	1.611 ± 0.242	0.102	185	1.52
Terbutryn	µg/l	0.161 ± 0.0117	0.177 ± 0.035	0.0241	110	0.23

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.151 ± 0.03	0.0183	124	0.48
Alachlor	µg/l	0.527 ± 0.0223	0.665 ± 0.133	0.0633	126	0.52
Atrazine	µg/l	0.69 ± 0.0305	0.857 ± 0.107	0.0763	124	0.77
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.22 ± 0.033	0.0293	128	0.72
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.919 ± 0.138	0.113	122	0.58

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	0.427 ± 0.064	0.0447	129	0.73
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	- ± -	0.027	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	- ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	0.861 ± 0.172	0.155	150	0.73
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	1.048 ± 0.157	0.12	122	0.59
Metolachlor	µg/l	0.164 ± 0.0112	0.204 ± 0.031	0.0263	125	0.64
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-	-
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-	-
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.128 ± 0.019	0.0129	126	0.70
Terbuthylazine	µg/l	0.239 ± 0.0159	0.277 ± 0.035	0.0389	116	0.53
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.333 ± 0.05	0.0325	133	0.82
Terbutryn	µg/l	0.527 ± 0.0493	0.615 ± 0.123	0.102	117	0.35



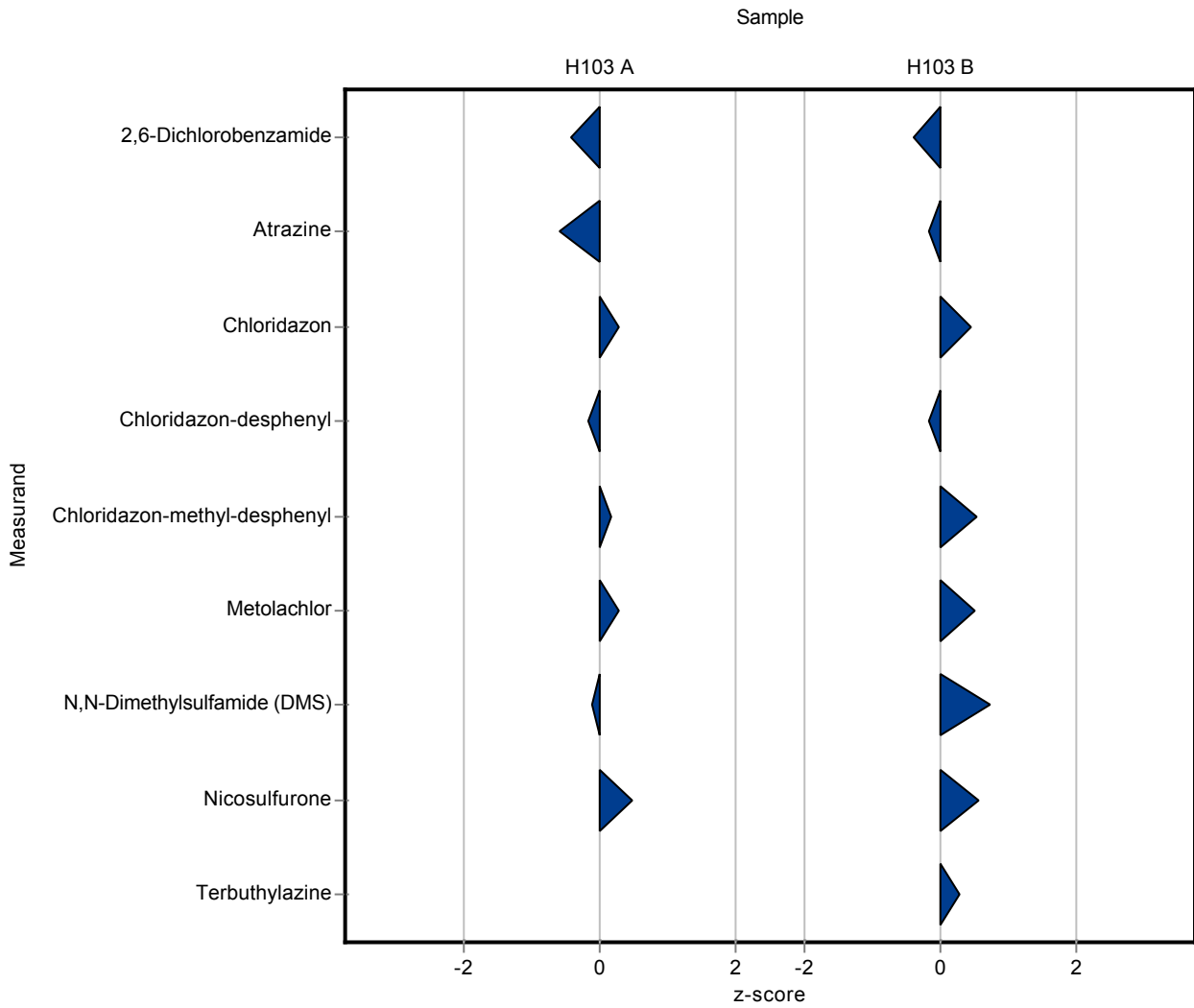
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.388 ± 0.058	0.0837	91.5	-0.43
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.141 ± 0.021	0.0166	93.4	-0.60
Atrazine-desethyl	µg/l	0.665 ± 0.0349	- ± -	0.113	-	-
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	- ± -	0.121	-	-
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	0.123 ± 0.018	0.0154	104	0.28
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.494 ± 0.074	0.0554	98	-0.18
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.1 ± 0.015	0.0165	103	0.18
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	- ± -	0.0358	-	-
Metolachlor	µg/l	0.327 ± 0.0221	0.341 ± 0.051	0.0506	104	0.28
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.449 ± 0.067	0.0685	98.3	-0.11
Nicosulfurone	µg/l	0.171 ± 0.0321	0.195 ± 0.029	0.0533	114	0.46
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	- ± -	0.0664	-	-
Terbuthylazine	µg/l	- ± -	0.025 ± 0.0038	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	- ± -	0.102	-	-
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.115 ± 0.017	0.0183	94.3	-0.38
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.678 ± 0.102	0.0763	98.3	-0.16
Atrazine-desethyl	µg/l	0.172 ± 0.00771	- ± -	0.0293	-	-
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	- ± -	0.113	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	0.353 ± 0.053	0.0447	106	0.46
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.241 ± 0.036	0.027	98.3	-0.15
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.023 ± 0.0035	0.0064	118	0.55
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	- ± -	0.12	-	-
Metolachlor	µg/l	0.164 ± 0.0112	0.177 ± 0.027	0.0263	108	0.50
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.871 ± 0.131	0.118	111	0.72
Nicosulfurone	µg/l	0.287 ± 0.0545	0.338 ± 0.051	0.0903	118	0.56
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-	-
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	- ± -	0.0129	-	-
Terbuthylazine	µg/l	0.239 ± 0.0159	0.25 ± 0.038	0.0389	105	0.28
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	- ± -	0.0325	-	-
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



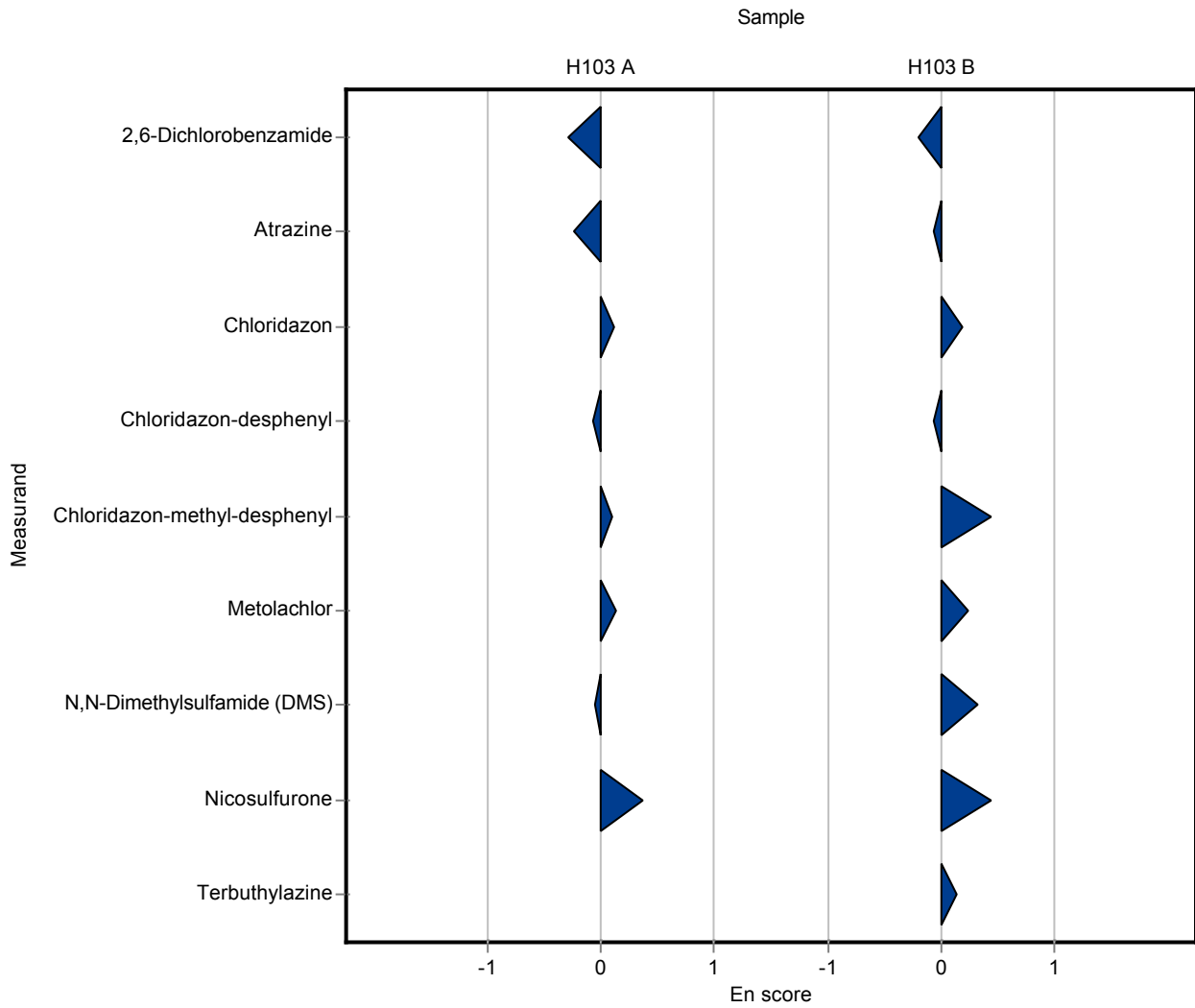
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.388 ± 0.058	0.0837	91.5	-0.30
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.141 ± 0.021	0.0166	93.4	-0.23
Atrazine-desethyl	µg/l	0.665 ± 0.0349	- ± -	0.113	-	-
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	- ± -	0.121	-	-
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	0.123 ± 0.018	0.0154	104	0.12
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.494 ± 0.074	0.0554	98	-0.07
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.1 ± 0.015	0.0165	103	0.10
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	- ± -	0.0358	-	-
Metolachlor	µg/l	0.327 ± 0.0221	0.341 ± 0.051	0.0506	104	0.13
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.449 ± 0.067	0.0685	98.3	-0.06
Nicosulfurone	µg/l	0.171 ± 0.0321	0.195 ± 0.029	0.0533	114	0.37
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	- ± -	0.0664	-	-
Terbuthylazine	µg/l	- ± -	0.025 ± 0.0038	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	- ± -	0.102	-	-
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.115 ± 0.017	0.0183	94.3	-0.20
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.678 ± 0.102	0.0763	98.3	-0.06
Atrazine-desethyl	µg/l	0.172 ± 0.00771	- ± -	0.0293	-	-
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	- ± -	0.113	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	0.353 ± 0.053	0.0447	106	0.19
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.241 ± 0.036	0.027	98.3	-0.06
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.023 ± 0.0035	0.0064	118	0.44
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	- ± -	0.12	-	-
Metolachlor	µg/l	0.164 ± 0.0112	0.177 ± 0.027	0.0263	108	0.24
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.871 ± 0.131	0.118	111	0.32
Nicosulfurone	µg/l	0.287 ± 0.0545	0.338 ± 0.051	0.0903	118	0.44
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-	-
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	- ± -	0.0129	-	-
Terbuthylazine	µg/l	0.239 ± 0.0159	0.25 ± 0.038	0.0389	105	0.14
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	- ± -	0.0325	-	-
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



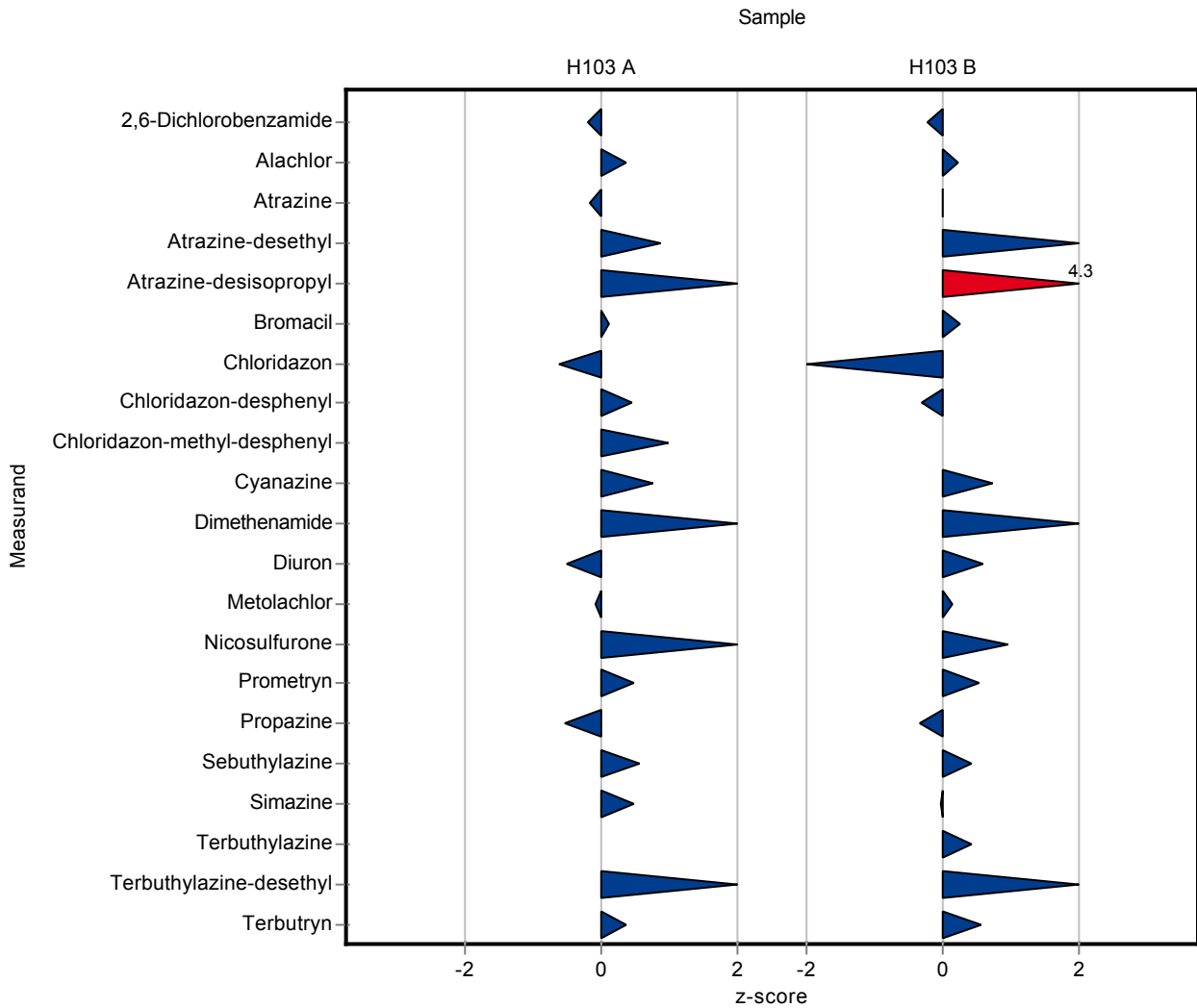
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.4078 ± 0.1224	0.0837	96.2	-0.19
Alachlor	µg/l	0.531 ± 0.0183	0.5532 ± 0.166	0.0637	104	0.35
Atrazine	µg/l	0.151 ± 0.00508	0.148 ± 0.0444	0.0166	98.1	-0.18
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.7638 ± 0.2291	0.113	115	0.88
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.9748 ± 0.2924	0.121	121	1.39
Bromacil	µg/l	0.322 ± 0.0231	0.3269 ± 0.0981	0.045	102	0.12
Chloridazon	µg/l	0.119 ± 0.00542	0.1092 ± 0.0328	0.0154	92	-0.61
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.528 ± 0.1584	0.0554	105	0.43
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.1131 ± 0.0339	0.0165	116	0.97
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.4681 ± 0.1404	0.0669	112	0.75
Dimethenamide	µg/l	0.673 ± 0.0571	0.8566 ± 0.257	0.0988	127	1.86
Diuron	µg/l	0.256 ± 0.0132	0.2378 ± 0.0713	0.0358	93	-0.50
Metolachlor	µg/l	0.327 ± 0.0221	0.3227 ± 0.0968	0.0506	98.7	-0.08
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	0.244 ± 0.0732	0.0533	143	1.38
Prometryn	µg/l	0.448 ± 0.0374	0.4821 ± 0.1446	0.07	108	0.48
Propazine	µg/l	0.222 ± 0.0151	0.2043 ± 0.0613	0.0321	92.1	-0.55
Sebuthylazine	µg/l	0.35 ± 0.0202	0.3704 ± 0.1111	0.0379	106	0.55
Simazine	µg/l	0.604 ± 0.0259	0.6354 ± 0.1906	0.0664	105	0.47
Terbuthylazine	µg/l	- ± -	<0.05 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	1.0156 ± 0.3047	0.102	116	1.41
Terbutryn	µg/l	0.161 ± 0.0117	0.1696 ± 0.0509	0.0241	105	0.36

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.1177 ± 0.0353	0.0183	96.5	-0.23
Alachlor	µg/l	0.527 ± 0.0223	0.5419 ± 0.1626	0.0633	103	0.23
Atrazine	µg/l	0.69 ± 0.0305	0.6909 ± 0.2073	0.0763	100	0.01
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.2057 ± 0.0617	0.0293	120	1.15
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	1.2471 ± 0.3741	0.113	165	4.33

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.2789 ± 0.0837	0.0417	104	0.27
Chloridazon	µg/l	0.332 ± 0.02	0.2831 ± 0.0849	0.0447	85.2	-1.10
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.2373 ± 0.0712	0.027	96.8	-0.29
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	<0.05 (LOQ) ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.3152 ± 0.0946	0.0451	112	0.74
Dimethenamide	µg/l	0.354 ± 0.026	0.409 ± 0.1227	0.0469	116	1.18
Diuron	µg/l	0.86 ± 0.0461	0.9319 ± 0.2796	0.12	108	0.60
Metolachlor	µg/l	0.164 ± 0.0112	0.1677 ± 0.0503	0.0263	102	0.15
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-	-
Nicosulfurone	µg/l	0.287 ± 0.0545	0.3744 ± 0.1123	0.0903	130	0.96
Prometryn	µg/l	0.519 ± 0.0417	0.5607 ± 0.1682	0.0781	108	0.53
Propazine	µg/l	0.296 ± 0.0198	0.2814 ± 0.0844	0.042	95.1	-0.34
Sebuthylazine	µg/l	0.365 ± 0.0236	0.3836 ± 0.1151	0.0441	105	0.43
Simazine	µg/l	0.101 ± 0.00575	0.1011 ± 0.0303	0.0129	99.8	-0.01
Terbuthylazine	µg/l	0.239 ± 0.0159	0.2558 ± 0.0767	0.0389	107	0.43
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.2974 ± 0.0892	0.0325	119	1.46
Terbutryn	µg/l	0.527 ± 0.0493	0.5862 ± 0.1759	0.102	111	0.58



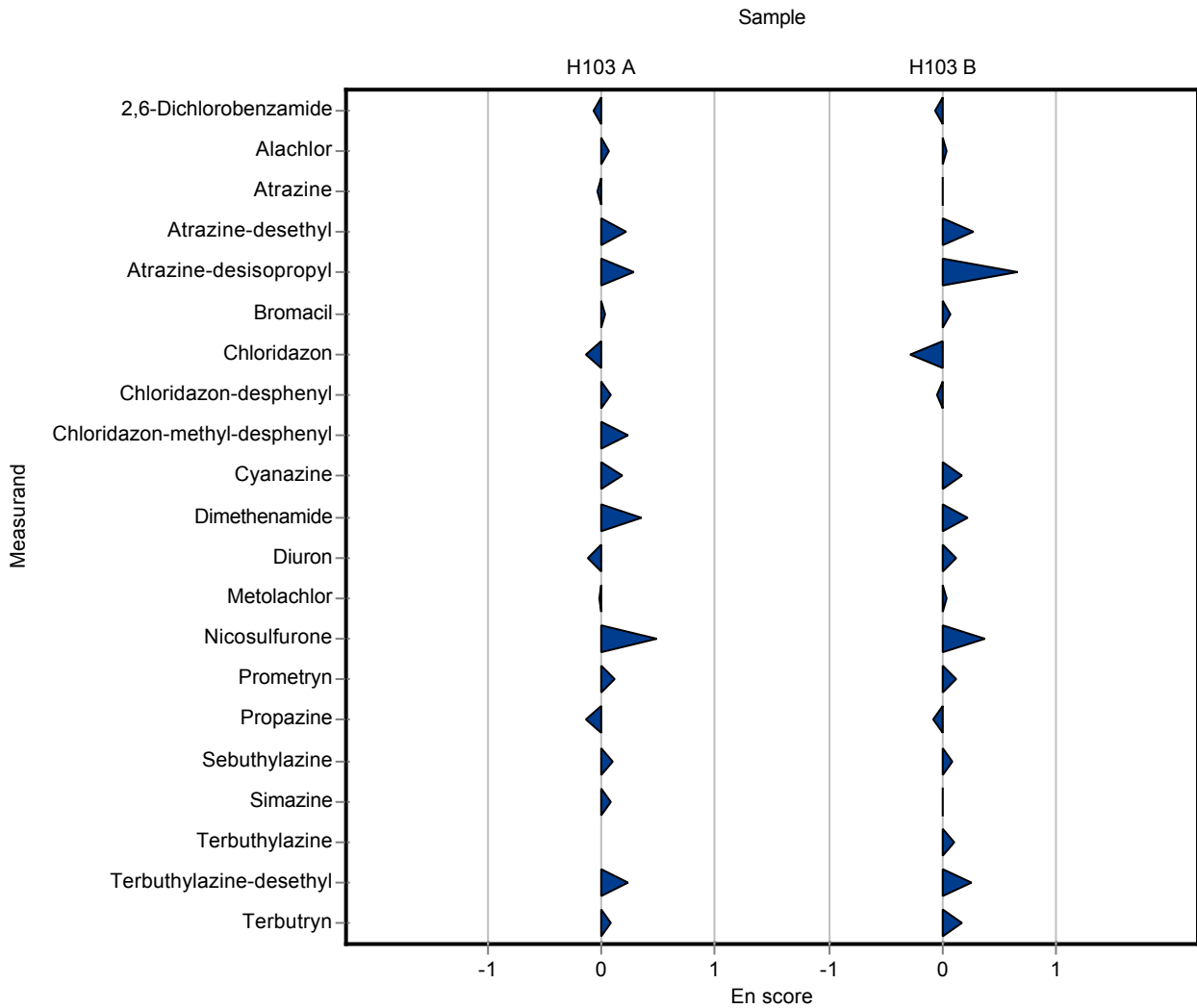
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.4078 ± 0.1224	0.0837	96.2	-0.07
Alachlor	µg/l	0.531 ± 0.0183	0.5532 ± 0.166	0.0637	104	0.07
Atrazine	µg/l	0.151 ± 0.00508	0.148 ± 0.0444	0.0166	98.1	-0.03
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.7638 ± 0.2291	0.113	115	0.21
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.9748 ± 0.2924	0.121	121	0.29
Bromacil	µg/l	0.322 ± 0.0231	0.3269 ± 0.0981	0.045	102	0.03
Chloridazon	µg/l	0.119 ± 0.00542	0.1092 ± 0.0328	0.0154	92	-0.14
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.528 ± 0.1584	0.0554	105	0.08
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.1131 ± 0.0339	0.0165	116	0.24
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.4681 ± 0.1404	0.0669	112	0.18
Dimethenamide	µg/l	0.673 ± 0.0571	0.8566 ± 0.257	0.0988	127	0.36
Diuron	µg/l	0.256 ± 0.0132	0.2378 ± 0.0713	0.0358	93	-0.13
Metolachlor	µg/l	0.327 ± 0.0221	0.3227 ± 0.0968	0.0506	98.7	-0.02
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	0.244 ± 0.0732	0.0533	143	0.49
Prometryn	µg/l	0.448 ± 0.0374	0.4821 ± 0.1446	0.07	108	0.12
Propazine	µg/l	0.222 ± 0.0151	0.2043 ± 0.0613	0.0321	92.1	-0.14
Sebuthylazine	µg/l	0.35 ± 0.0202	0.3704 ± 0.1111	0.0379	106	0.09
Simazine	µg/l	0.604 ± 0.0259	0.6354 ± 0.1906	0.0664	105	0.08
Terbuthylazine	µg/l	- ± -	<0.05 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	1.0156 ± 0.3047	0.102	116	0.23
Terbutryn	µg/l	0.161 ± 0.0117	0.1696 ± 0.0509	0.0241	105	0.08

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.1177 ± 0.0353	0.0183	96.5	-0.06
Alachlor	µg/l	0.527 ± 0.0223	0.5419 ± 0.1626	0.0633	103	0.05
Atrazine	µg/l	0.69 ± 0.0305	0.6909 ± 0.2073	0.0763	100	0.00
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.2057 ± 0.0617	0.0293	120	0.27
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	1.2471 ± 0.3741	0.113	165	0.66

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]	
Bromacil	µg/l	0.268 ± 0.0215	0.2789 ± 0.0837	0.0417	104	0.07
Chloridazon	µg/l	0.332 ± 0.02	0.2831 ± 0.0849	0.0447	85.2	-0.29
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.2373 ± 0.0712	0.027	96.8	-0.06
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	<0.05 (LOQ) ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.3152 ± 0.0946	0.0451	112	0.17
Dimethenamide	µg/l	0.354 ± 0.026	0.409 ± 0.1227	0.0469	116	0.22
Diuron	µg/l	0.86 ± 0.0461	0.9319 ± 0.2796	0.12	108	0.13
Metolachlor	µg/l	0.164 ± 0.0112	0.1677 ± 0.0503	0.0263	102	0.04
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-	-
Nicosulfurone	µg/l	0.287 ± 0.0545	0.3744 ± 0.1123	0.0903	130	0.38
Prometryn	µg/l	0.519 ± 0.0417	0.5607 ± 0.1682	0.0781	108	0.12
Propazine	µg/l	0.296 ± 0.0198	0.2814 ± 0.0844	0.042	95.1	-0.08
Sebuthylazine	µg/l	0.365 ± 0.0236	0.3836 ± 0.1151	0.0441	105	0.08
Simazine	µg/l	0.101 ± 0.00575	0.1011 ± 0.0303	0.0129	99.8	0.00
Terbuthylazine	µg/l	0.239 ± 0.0159	0.2558 ± 0.0767	0.0389	107	0.11
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.2974 ± 0.0892	0.0325	119	0.27
Terbutryn	µg/l	0.527 ± 0.0493	0.5862 ± 0.1759	0.102	111	0.17



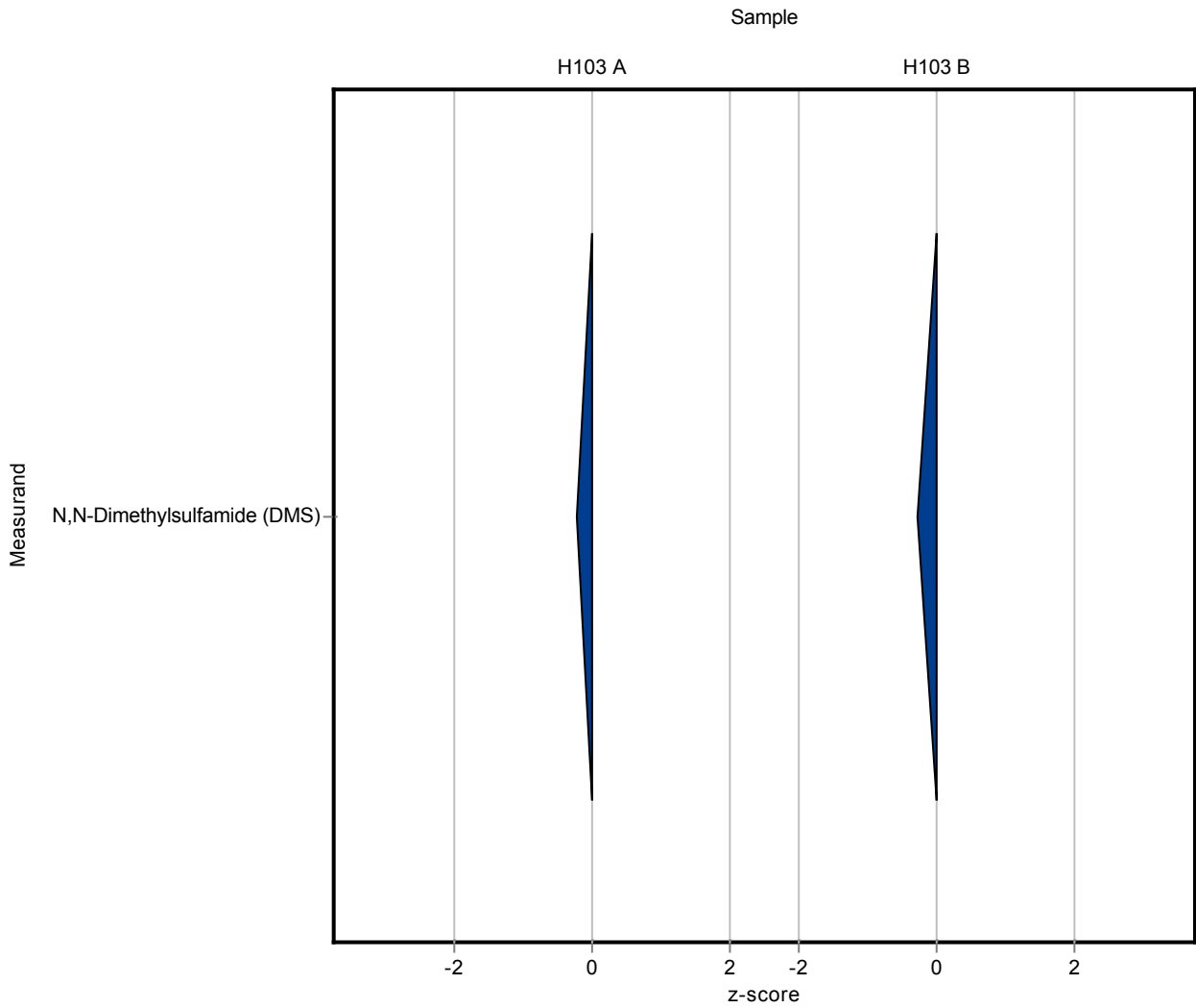
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	- ± -	0.0837	-	-
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	- ± -	0.0166	-	-
Atrazine-desethyl	µg/l	0.665 ± 0.0349	- ± -	0.113	-	-
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	- ± -	0.121	-	-
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	- ± -	0.0154	-	-
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	- ± -	0.0554	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	- ± -	0.0165	-	-
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	- ± -	0.0358	-	-
Metolachlor	µg/l	0.327 ± 0.0221	- ± -	0.0506	-	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.442 ± 0.141	0.0685	96.8	-0.21
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	- ± -	0.0664	-	-
Terbutylazine	µg/l	- ± -	- ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	- ± -	0.102	-	-
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	- ± -	0.0183	-	-
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	- ± -	0.0763	-	-
Atrazine-desethyl	µg/l	0.172 ± 0.00771	- ± -	0.0293	-	-
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	- ± -	0.113	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	- ± -	0.0447	-	-
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	- ± -	0.027	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	- ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	- ± -	0.12	-	-
Metolachlor	µg/l	0.164 ± 0.0112	- ± -	0.0263	-	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.752 ± 0.241	0.118	95.7	-0.28
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-	-
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	- ± -	0.0129	-	-
Terbuthylazine	µg/l	0.239 ± 0.0159	- ± -	0.0389	-	-
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	- ± -	0.0325	-	-
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



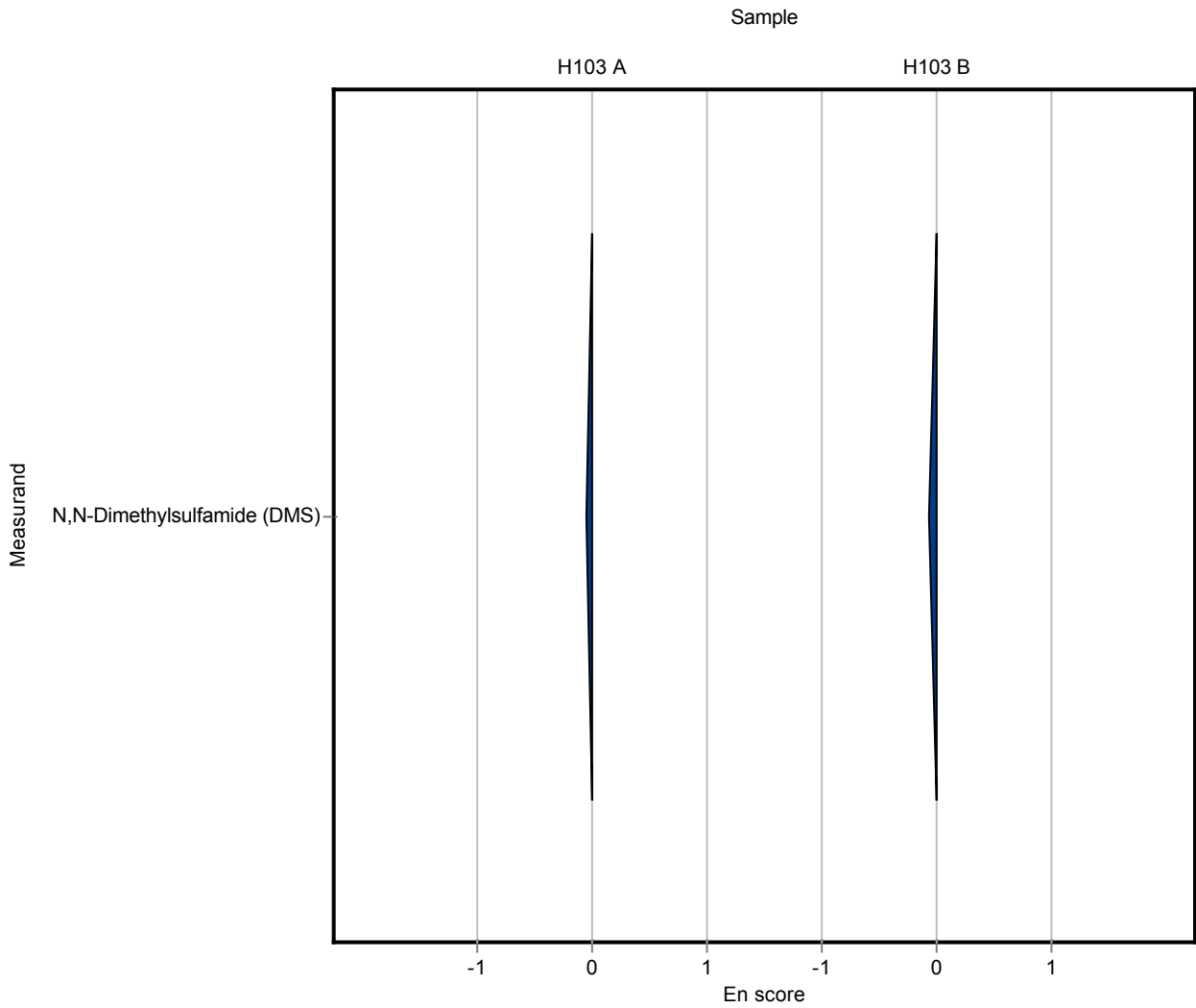
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	- ± -	0.0837	-	-
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	- ± -	0.0166	-	-
Atrazine-desethyl	µg/l	0.665 ± 0.0349	- ± -	0.113	-	-
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	- ± -	0.121	-	-
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	- ± -	0.0154	-	-
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	- ± -	0.0554	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	- ± -	0.0165	-	-
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	- ± -	0.0358	-	-
Metolachlor	µg/l	0.327 ± 0.0221	- ± -	0.0506	-	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.442 ± 0.141	0.0685	96.8	-0.05
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	- ± -	0.0664	-	-
Terbutylazine	µg/l	- ± -	- ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	- ± -	0.102	-	-
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	- ± -	0.0183	-	-
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	- ± -	0.0763	-	-
Atrazine-desethyl	µg/l	0.172 ± 0.00771	- ± -	0.0293	-	-
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	- ± -	0.113	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-
Chloridazon	µg/l	0.332 ± 0.02	- ± -	0.0447	-
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	- ± -	0.027	-
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	- ± -	0.0064	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-
Diuron	µg/l	0.86 ± 0.0461	- ± -	0.12	-
Metolachlor	µg/l	0.164 ± 0.0112	- ± -	0.0263	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.752 ± 0.241	0.118	95.7
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-
Simazine	µg/l	0.101 ± 0.00575	- ± -	0.0129	-
Terbuthylazine	µg/l	0.239 ± 0.0159	- ± -	0.0389	-
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	- ± -	0.0325	-
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-



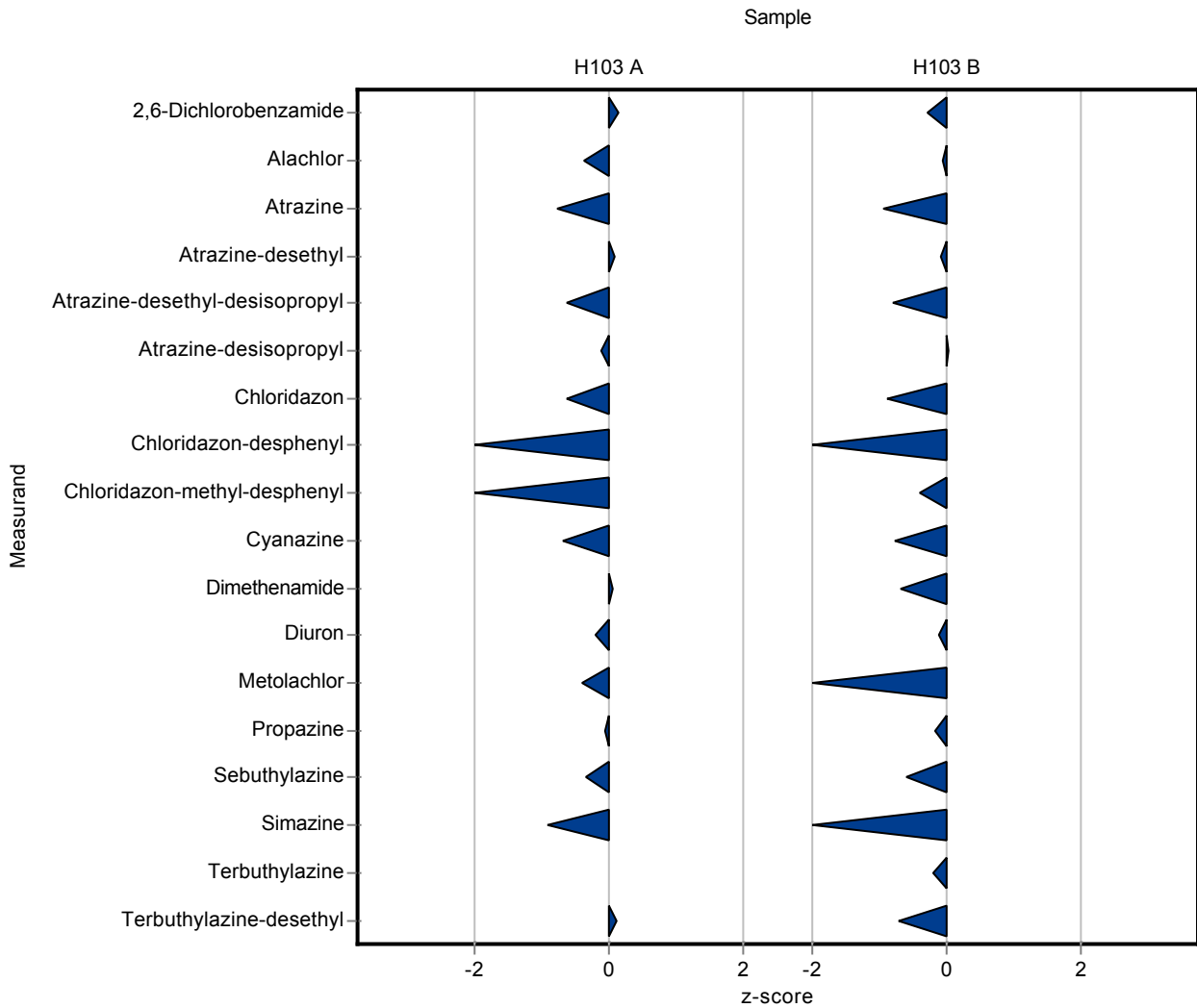
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.436 ± 0.173	0.0837	103	0.14
Alachlor	µg/l	0.531 ± 0.0183	0.506 ± 0.201	0.0637	95.3	-0.39
Atrazine	µg/l	0.151 ± 0.00508	0.138 ± 0.038	0.0166	91.4	-0.78
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.674 ± 0.267	0.113	101	0.08
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.076 ± 0.03	0.0528	69.6	-0.63
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.791 ± 0.314	0.121	98.1	-0.13
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	0.109 ± 0.043	0.0154	91.9	-0.63
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.413 ± 0.164	0.0554	82	-1.64
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.08 ± 0.032	0.0165	82.4	-1.04
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.371 ± 0.101	0.0669	88.7	-0.70
Dimethenamide	µg/l	0.673 ± 0.0571	0.677 ± 0.269	0.0988	101	0.04
Diuron	µg/l	0.256 ± 0.0132	0.248 ± 0.068	0.0358	97	-0.21
Metolachlor	µg/l	0.327 ± 0.0221	0.306 ± 0.083	0.0506	93.6	-0.41
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	0.22 ± 0.06	0.0321	99.2	-0.06
Sebuthylazine	µg/l	0.35 ± 0.0202	0.336 ± 0.092	0.0379	96.1	-0.36
Simazine	µg/l	0.604 ± 0.0259	0.542 ± 0.148	0.0664	89.8	-0.93
Terbuthylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.883 ± 0.241	0.102	101	0.11
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.117 ± 0.046	0.0183	96	-0.27
Alachlor	µg/l	0.527 ± 0.0223	0.525 ± 0.208	0.0633	99.6	-0.03
Atrazine	µg/l	0.69 ± 0.0305	0.618 ± 0.169	0.0763	89.6	-0.94
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.17 ± 0.067	0.0293	98.8	-0.07
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.155 ± 0.062	0.0656	75	-0.79
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.76 ± 0.302	0.113	101	0.04

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	0.293 ± 0.116	0.0447	88.2	-0.88
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.197 ± 0.078	0.027	80.4	-1.79
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.017 ± 0.007	0.0064	87.1	-0.39
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.248 ± 0.068	0.0451	87.9	-0.75
Dimethenamide	µg/l	0.354 ± 0.026	0.322 ± 0.128	0.0469	91	-0.68
Diuron	µg/l	0.86 ± 0.0461	0.848 ± 0.231	0.12	98.6	-0.10
Metolachlor	µg/l	0.164 ± 0.0112	0.136 ± 0.037	0.0263	83.1	-1.05
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-	-
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	0.289 ± 0.079	0.042	97.7	-0.16
Sebuthylazine	µg/l	0.365 ± 0.0236	0.339 ± 0.093	0.0441	92.9	-0.59
Simazine	µg/l	0.101 ± 0.00575	0.085 ± 0.023	0.0129	83.9	-1.26
Terbuthylazine	µg/l	0.239 ± 0.0159	0.232 ± 0.063	0.0389	97.1	-0.18
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.227 ± 0.062	0.0325	90.8	-0.71
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



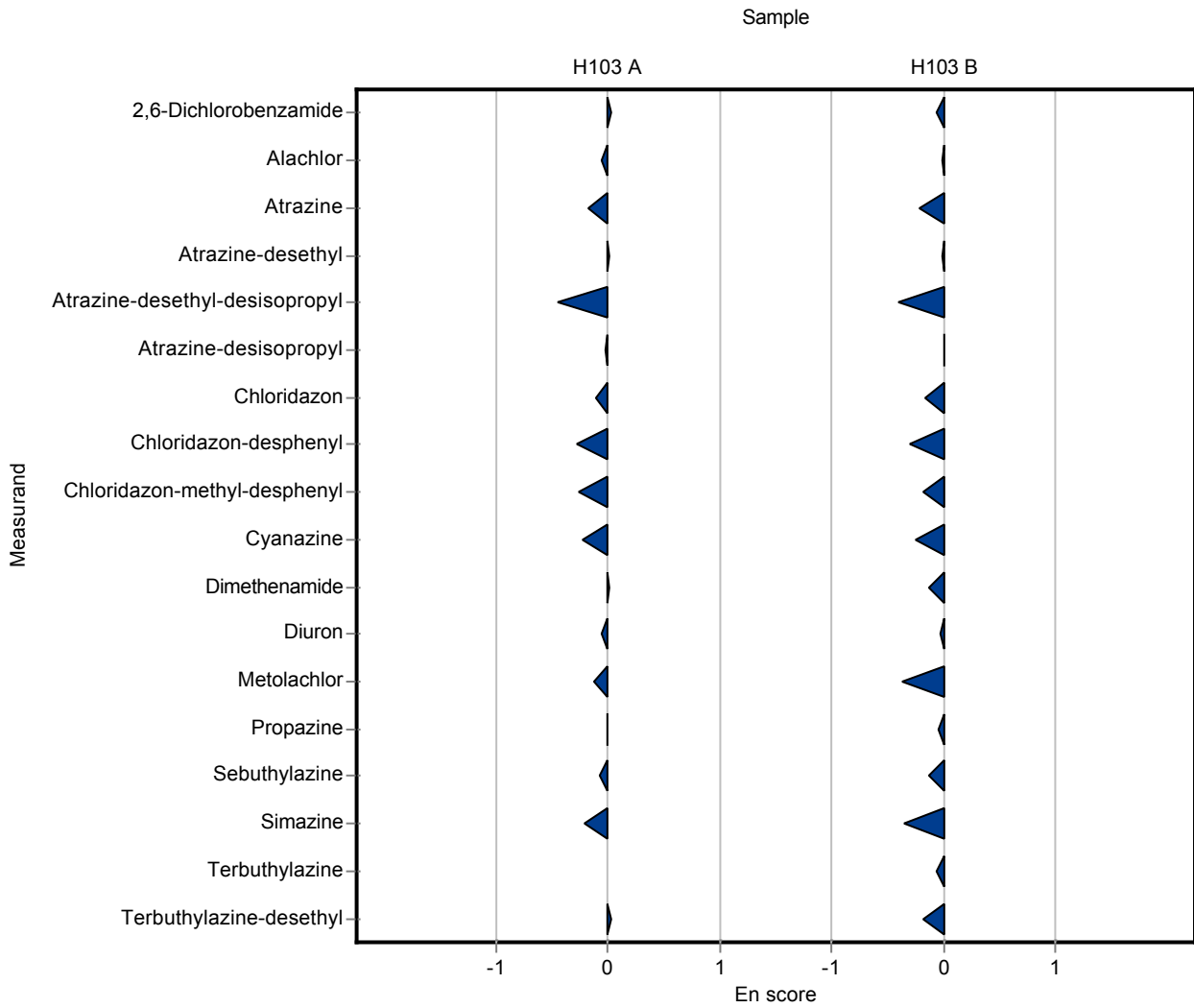
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.436 ± 0.173	0.0837	103	0.03
Alachlor	µg/l	0.531 ± 0.0183	0.506 ± 0.201	0.0637	95.3	-0.06
Atrazine	µg/l	0.151 ± 0.00508	0.138 ± 0.038	0.0166	91.4	-0.17
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.674 ± 0.267	0.113	101	0.02
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.076 ± 0.03	0.0528	69.6	-0.46
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.791 ± 0.314	0.121	98.1	-0.02
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	0.109 ± 0.043	0.0154	91.9	-0.11
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.413 ± 0.164	0.0554	82	-0.28
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.08 ± 0.032	0.0165	82.4	-0.27
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.371 ± 0.101	0.0669	88.7	-0.23
Dimethenamide	µg/l	0.673 ± 0.0571	0.677 ± 0.269	0.0988	101	0.01
Diuron	µg/l	0.256 ± 0.0132	0.248 ± 0.068	0.0358	97	-0.06
Metolachlor	µg/l	0.327 ± 0.0221	0.306 ± 0.083	0.0506	93.6	-0.13
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	0.22 ± 0.06	0.0321	99.2	-0.01
Sebuthylazine	µg/l	0.35 ± 0.0202	0.336 ± 0.092	0.0379	96.1	-0.07
Simazine	µg/l	0.604 ± 0.0259	0.542 ± 0.148	0.0664	89.8	-0.21
Terbuthylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.883 ± 0.241	0.102	101	0.02
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.117 ± 0.046	0.0183	96	-0.05
Alachlor	µg/l	0.527 ± 0.0223	0.525 ± 0.208	0.0633	99.6	-0.01
Atrazine	µg/l	0.69 ± 0.0305	0.618 ± 0.169	0.0763	89.6	-0.21
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.17 ± 0.067	0.0293	98.8	-0.02
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.155 ± 0.062	0.0656	75	-0.40
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.76 ± 0.302	0.113	101	0.01

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-
Chloridazon	µg/l	0.332 ± 0.02	0.293 ± 0.116	0.0447	88.2 -0.17
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.197 ± 0.078	0.027	80.4 -0.31
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.017 ± 0.007	0.0064	87.1 -0.17
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-
Cyanazine	µg/l	0.282 ± 0.0187	0.248 ± 0.068	0.0451	87.9 -0.25
Dimethenamide	µg/l	0.354 ± 0.026	0.322 ± 0.128	0.0469	91 -0.12
Diuron	µg/l	0.86 ± 0.0461	0.848 ± 0.231	0.12	98.6 -0.03
Metolachlor	µg/l	0.164 ± 0.0112	0.136 ± 0.037	0.0263	83.1 -0.37
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-
Propazine	µg/l	0.296 ± 0.0198	0.289 ± 0.079	0.042	97.7 -0.04
Sebuthylazine	µg/l	0.365 ± 0.0236	0.339 ± 0.093	0.0441	92.9 -0.14
Simazine	µg/l	0.101 ± 0.00575	0.085 ± 0.023	0.0129	83.9 -0.35
Terbuthylazine	µg/l	0.239 ± 0.0159	0.232 ± 0.063	0.0389	97.1 -0.06
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.227 ± 0.062	0.0325	90.8 -0.18
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-



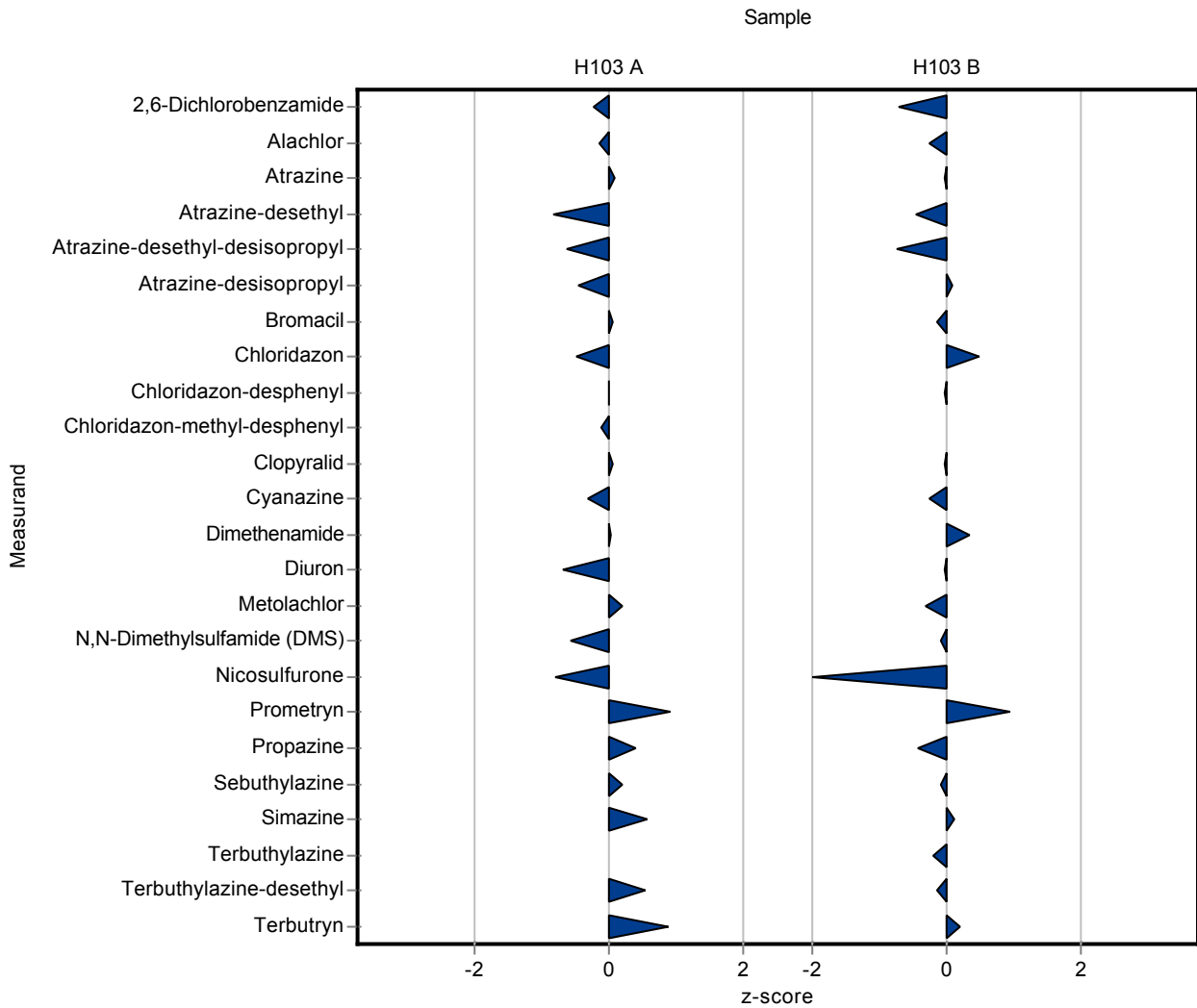
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.405 ± 0.061	0.0837	95.5	-0.23
Alachlor	µg/l	0.531 ± 0.0183	0.521 ± 0.078	0.0637	98.1	-0.16
Atrazine	µg/l	0.151 ± 0.00508	0.152 ± 0.023	0.0166	101	0.07
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.571 ± 0.086	0.113	85.9	-0.83
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.075 ± 0.011	0.0528	68.7	-0.65
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.751 ± 0.113	0.121	93.1	-0.46
Bromacil	µg/l	0.322 ± 0.0231	0.324 ± 0.049	0.045	101	0.05
Chloridazon	µg/l	0.119 ± 0.00542	0.111 ± 0.017	0.0154	93.6	-0.50
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.503 ± 0.075	0.0554	99.8	-0.02
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.095 ± 0.014	0.0165	97.8	-0.13
Clopyralid	µg/l	0.277 ± 0.101	0.281 ± 0.042	0.0748	101	0.05
Cyanazine	µg/l	0.418 ± 0.0247	0.396 ± 0.059	0.0669	94.7	-0.33
Dimethenamide	µg/l	0.673 ± 0.0571	0.673 ± 0.101	0.0988	100	0.00
Diuron	µg/l	0.256 ± 0.0132	0.231 ± 0.035	0.0358	90.4	-0.69
Metolachlor	µg/l	0.327 ± 0.0221	0.336 ± 0.05	0.0506	103	0.18
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.417 ± 0.063	0.0685	91.3	-0.58
Nicosulfurone	µg/l	0.171 ± 0.0321	0.128 ± 0.019	0.0533	75.1	-0.80
Prometryn	µg/l	0.448 ± 0.0374	0.512 ± 0.077	0.07	114	0.91
Propazine	µg/l	0.222 ± 0.0151	0.234 ± 0.035	0.0321	106	0.38
Sebuthylazine	µg/l	0.35 ± 0.0202	0.357 ± 0.053	0.0379	102	0.20
Simazine	µg/l	0.604 ± 0.0259	0.641 ± 0.096	0.0664	106	0.56
Terbutylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.925 ± 0.139	0.102	106	0.52
Terbutryn	µg/l	0.161 ± 0.0117	0.182 ± 0.027	0.0241	113	0.88

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.109 ± 0.016	0.0183	89.4	-0.71
Alachlor	µg/l	0.527 ± 0.0223	0.512 ± 0.077	0.0633	97.1	-0.24
Atrazine	µg/l	0.69 ± 0.0305	0.689 ± 0.103	0.0763	99.9	-0.01
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.159 ± 0.024	0.0293	92.4	-0.45
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.158 ± 0.024	0.0656	76.4	-0.74
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.768 ± 0.115	0.113	102	0.11

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.262 ± 0.039	0.0417	97.8	-0.14
Chloridazon	µg/l	0.332 ± 0.02	0.354 ± 0.053	0.0447	107	0.49
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.245 ± 0.037	0.027	99.9	-0.01
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	<0.05 (LOQ) ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	0.573 ± 0.086	0.155	99.7	-0.01
Cyanazine	µg/l	0.282 ± 0.0187	0.271 ± 0.041	0.0451	96.1	-0.24
Dimethenamide	µg/l	0.354 ± 0.026	0.371 ± 0.056	0.0469	105	0.37
Diuron	µg/l	0.86 ± 0.0461	0.857 ± 0.129	0.12	99.6	-0.03
Metolachlor	µg/l	0.164 ± 0.0112	0.156 ± 0.023	0.0263	95.3	-0.29
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.776 ± 0.116	0.118	98.8	-0.08
Nicosulfurone	µg/l	0.287 ± 0.0545	0.187 ± 0.028	0.0903	65	-1.11
Prometryn	µg/l	0.519 ± 0.0417	0.593 ± 0.089	0.0781	114	0.94
Propazine	µg/l	0.296 ± 0.0198	0.278 ± 0.042	0.042	94	-0.42
Sebuthylazine	µg/l	0.365 ± 0.0236	0.362 ± 0.054	0.0441	99.2	-0.06
Simazine	µg/l	0.101 ± 0.00575	0.103 ± 0.015	0.0129	102	0.14
Terbuthylazine	µg/l	0.239 ± 0.0159	0.232 ± 0.035	0.0389	97.1	-0.18
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.246 ± 0.037	0.0325	98.4	-0.12
Terbutryn	µg/l	0.527 ± 0.0493	0.549 ± 0.082	0.102	104	0.21



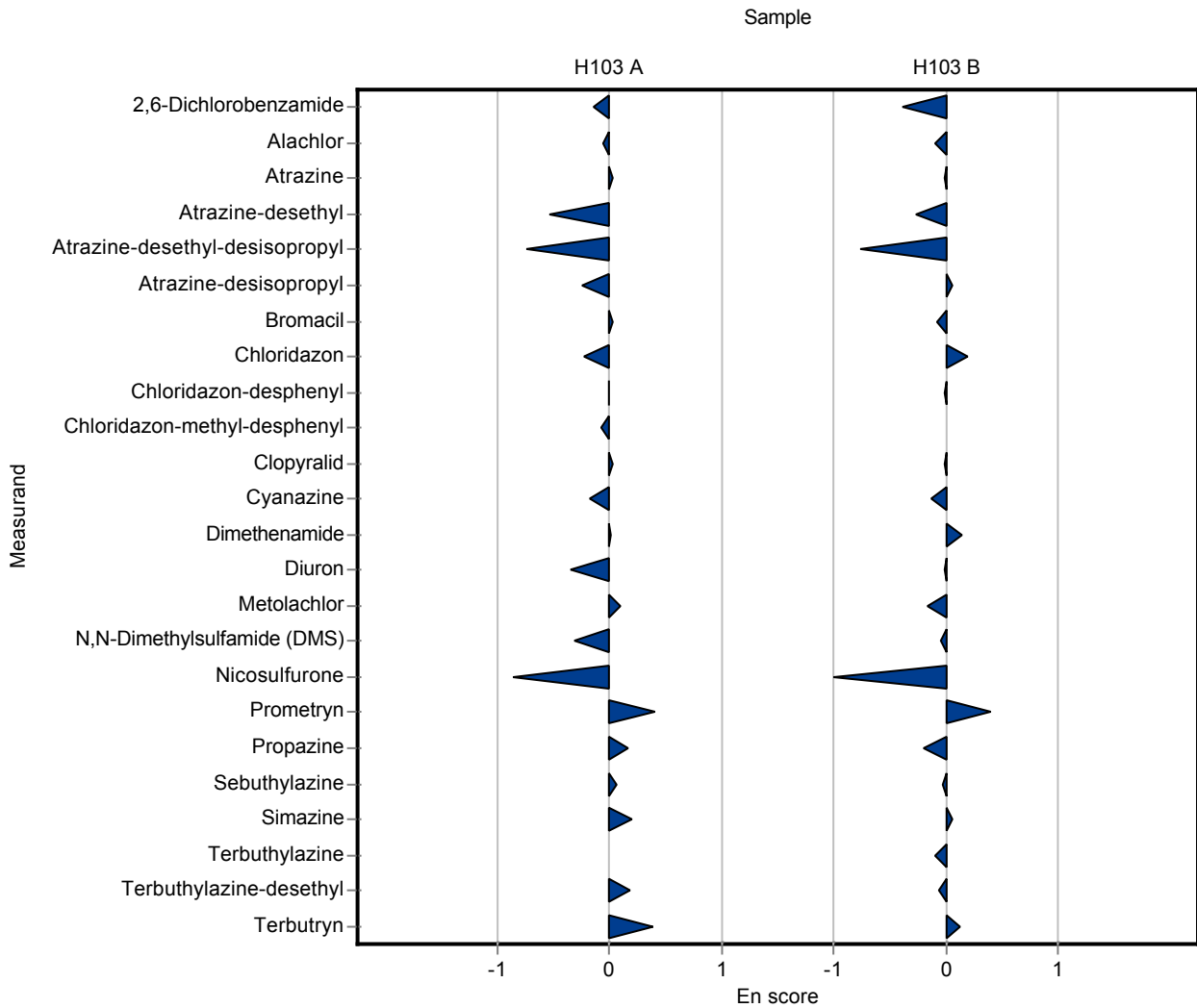
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.405 ± 0.061	0.0837	95.5	-0.15
Alachlor	µg/l	0.531 ± 0.0183	0.521 ± 0.078	0.0637	98.1	-0.06
Atrazine	µg/l	0.151 ± 0.00508	0.152 ± 0.023	0.0166	101	0.02
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.571 ± 0.086	0.113	85.9	-0.54
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.075 ± 0.011	0.0528	68.7	-0.75
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.751 ± 0.113	0.121	93.1	-0.24
Bromacil	µg/l	0.322 ± 0.0231	0.324 ± 0.049	0.045	101	0.02
Chloridazon	µg/l	0.119 ± 0.00542	0.111 ± 0.017	0.0154	93.6	-0.22
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.503 ± 0.075	0.0554	99.8	-0.01
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.095 ± 0.014	0.0165	97.8	-0.07
Clopyralid	µg/l	0.277 ± 0.101	0.281 ± 0.042	0.0748	101	0.03
Cyanazine	µg/l	0.418 ± 0.0247	0.396 ± 0.059	0.0669	94.7	-0.18
Dimethenamide	µg/l	0.673 ± 0.0571	0.673 ± 0.101	0.0988	100	0.00
Diuron	µg/l	0.256 ± 0.0132	0.231 ± 0.035	0.0358	90.4	-0.35
Metolachlor	µg/l	0.327 ± 0.0221	0.336 ± 0.05	0.0506	103	0.09
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.417 ± 0.063	0.0685	91.3	-0.31
Nicosulfurone	µg/l	0.171 ± 0.0321	0.128 ± 0.019	0.0533	75.1	-0.85
Prometryn	µg/l	0.448 ± 0.0374	0.512 ± 0.077	0.07	114	0.40
Propazine	µg/l	0.222 ± 0.0151	0.234 ± 0.035	0.0321	106	0.17
Sebuthylazine	µg/l	0.35 ± 0.0202	0.357 ± 0.053	0.0379	102	0.07
Simazine	µg/l	0.604 ± 0.0259	0.641 ± 0.096	0.0664	106	0.19
Terbutylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.925 ± 0.139	0.102	106	0.19
Terbutryn	µg/l	0.161 ± 0.0117	0.182 ± 0.027	0.0241	113	0.38

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.109 ± 0.016	0.0183	89.4	-0.39
Alachlor	µg/l	0.527 ± 0.0223	0.512 ± 0.077	0.0633	97.1	-0.10
Atrazine	µg/l	0.69 ± 0.0305	0.689 ± 0.103	0.0763	99.9	0.00
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.159 ± 0.024	0.0293	92.4	-0.27
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.158 ± 0.024	0.0656	76.4	-0.77
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.768 ± 0.115	0.113	102	0.05

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	0.262 ± 0.039	0.0417	97.8	-0.07
Chloridazon	µg/l	0.332 ± 0.02	0.354 ± 0.053	0.0447	107	0.20
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.245 ± 0.037	0.027	99.9	0.00
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	<0.05 (LOQ) ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	0.573 ± 0.086	0.155	99.7	-0.01
Cyanazine	µg/l	0.282 ± 0.0187	0.271 ± 0.041	0.0451	96.1	-0.13
Dimethenamide	µg/l	0.354 ± 0.026	0.371 ± 0.056	0.0469	105	0.15
Diuron	µg/l	0.86 ± 0.0461	0.857 ± 0.129	0.12	99.6	-0.01
Metolachlor	µg/l	0.164 ± 0.0112	0.156 ± 0.023	0.0263	95.3	-0.16
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.776 ± 0.116	0.118	98.8	-0.04
Nicosulfurone	µg/l	0.287 ± 0.0545	0.187 ± 0.028	0.0903	65	-1.29
Prometryn	µg/l	0.519 ± 0.0417	0.593 ± 0.089	0.0781	114	0.40
Propazine	µg/l	0.296 ± 0.0198	0.278 ± 0.042	0.042	94	-0.21
Sebuthylazine	µg/l	0.365 ± 0.0236	0.362 ± 0.054	0.0441	99.2	-0.03
Simazine	µg/l	0.101 ± 0.00575	0.103 ± 0.015	0.0129	102	0.06
Terbuthylazine	µg/l	0.239 ± 0.0159	0.232 ± 0.035	0.0389	97.1	-0.10
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.246 ± 0.037	0.0325	98.4	-0.05
Terbutryn	µg/l	0.527 ± 0.0493	0.549 ± 0.082	0.102	104	0.13



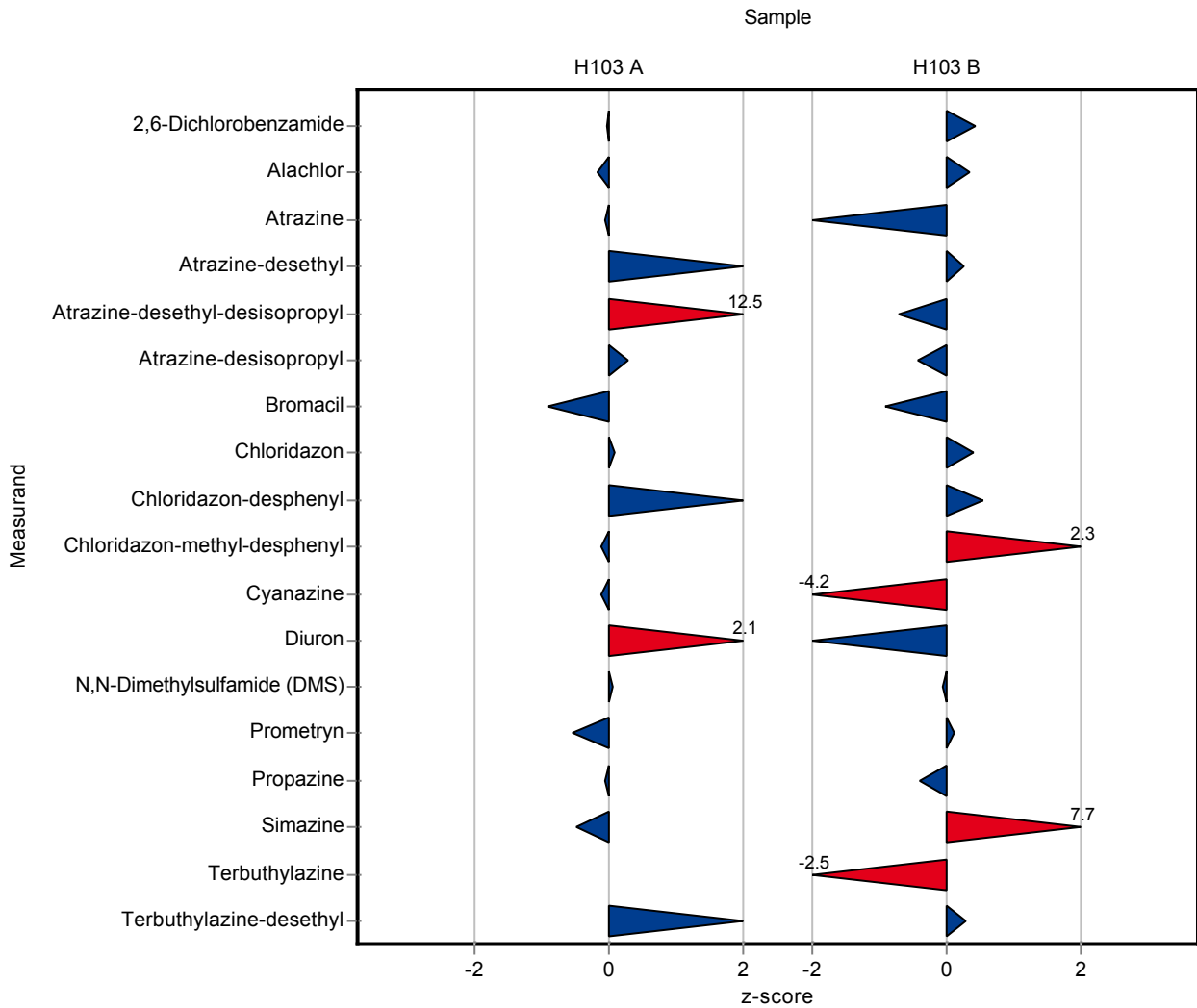
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.42 ± 0.13	0.0837	99	-0.05
Alachlor	µg/l	0.531 ± 0.0183	0.52 ± 0.2	0.0637	97.9	-0.17
Atrazine	µg/l	0.151 ± 0.00508	0.15 ± 0.05	0.0166	99.4	-0.06
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.78 ± 0.2	0.113	117	1.02
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.77 ± 0.2	0.0528	705	12.50
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.84 ± 0.25	0.121	104	0.28
Bromacil	µg/l	0.322 ± 0.0231	0.28 ± 0.08	0.045	87.1	-0.93
Chloridazon	µg/l	0.119 ± 0.00542	0.12 ± 0.04	0.0154	101	0.09
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.56 ± 0.2	0.0554	111	1.01
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.095 ± 0.03	0.0165	97.8	-0.13
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.41 ± 0.1	0.0669	98.1	-0.12
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.33 ± 0.1	0.0358	129	2.08
Metolachlor	µg/l	0.327 ± 0.0221	- ± -	0.0506	-	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.46 ± 0.14	0.0685	101	0.05
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	0.41 ± 0.1	0.07	91.5	-0.55
Propazine	µg/l	0.222 ± 0.0151	0.22 ± 0.07	0.0321	99.2	-0.06
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.57 ± 0.2	0.0664	94.4	-0.51
Terbuthylazine	µg/l	- ± -	0.14 ± 0.04	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	1 ± 0.3	0.102	115	1.25
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.13 ± 0.052	0.0183	107	0.44
Alachlor	µg/l	0.527 ± 0.0223	0.55 ± 0.2	0.0633	104	0.36
Atrazine	µg/l	0.69 ± 0.0305	0.54 ± 0.2	0.0763	78.3	-1.96
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.18 ± 0.07	0.0293	105	0.27
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.16 ± 0.05	0.0656	77.4	-0.71
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.71 ± 0.3	0.113	93.9	-0.40

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.23 ± 0.09	0.0417	85.9	-0.91
Chloridazon	µg/l	0.332 ± 0.02	0.35 ± 0.1	0.0447	105	0.40
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.26 ± 0.08	0.027	106	0.55
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.034 ± 0.01	0.0064	174	2.26
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.093 ± 0.04	0.0451	33	-4.19
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	0.7 ± 0.3	0.12	81.4	-1.33
Metolachlor	µg/l	0.164 ± 0.0112	- ± -	0.0263	-	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.78 ± 0.2	0.118	99.3	-0.05
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	0.53 ± 0.159	0.0781	102	0.14
Propazine	µg/l	0.296 ± 0.0198	0.28 ± 0.1	0.042	94.7	-0.38
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.2 ± 0.08	0.0129	198	7.67
Terbuthylazine	µg/l	0.239 ± 0.0159	0.14 ± 0.04	0.0389	58.6	-2.55
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.26 ± 0.08	0.0325	104	0.31
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



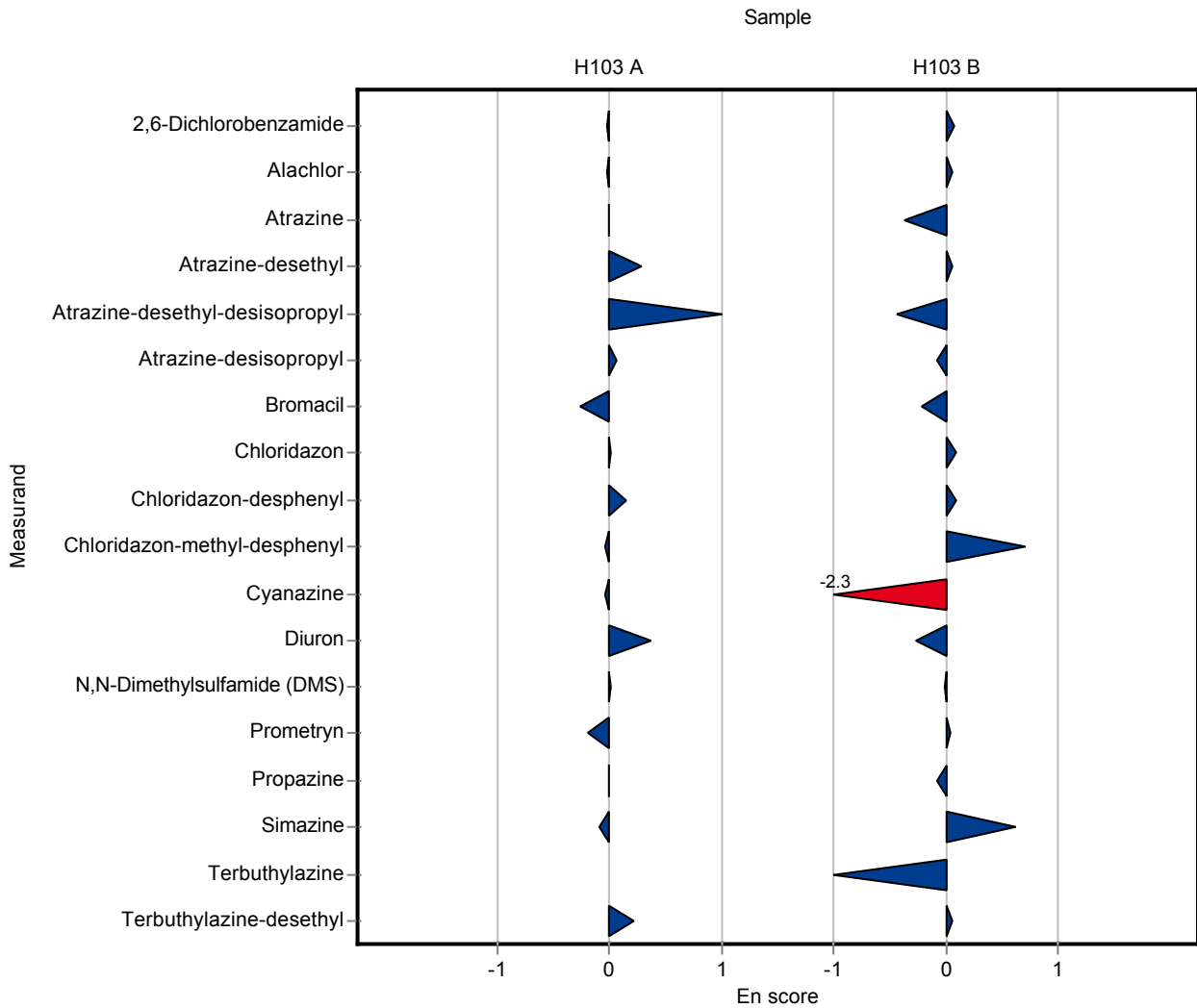
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.42 ± 0.13	0.0837	99	-0.02
Alachlor	µg/l	0.531 ± 0.0183	0.52 ± 0.2	0.0637	97.9	-0.03
Atrazine	µg/l	0.151 ± 0.00508	0.15 ± 0.05	0.0166	99.4	-0.01
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.78 ± 0.2	0.113	117	0.29
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.77 ± 0.2	0.0528	705	1.64
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.84 ± 0.25	0.121	104	0.07
Bromacil	µg/l	0.322 ± 0.0231	0.28 ± 0.08	0.045	87.1	-0.26
Chloridazon	µg/l	0.119 ± 0.00542	0.12 ± 0.04	0.0154	101	0.02
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.56 ± 0.2	0.0554	111	0.14
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.095 ± 0.03	0.0165	97.8	-0.03
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.41 ± 0.1	0.0669	98.1	-0.04
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.33 ± 0.1	0.0358	129	0.37
Metolachlor	µg/l	0.327 ± 0.0221	- ± -	0.0506	-	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.46 ± 0.14	0.0685	101	0.01
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	0.41 ± 0.1	0.07	91.5	-0.19
Propazine	µg/l	0.222 ± 0.0151	0.22 ± 0.07	0.0321	99.2	-0.01
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.57 ± 0.2	0.0664	94.4	-0.08
Terbuthylazine	µg/l	- ± -	0.14 ± 0.04	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	1 ± 0.3	0.102	115	0.21
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.13 ± 0.052	0.0183	107	0.08
Alachlor	µg/l	0.527 ± 0.0223	0.55 ± 0.2	0.0633	104	0.06
Atrazine	µg/l	0.69 ± 0.0305	0.54 ± 0.2	0.0763	78.3	-0.37
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.18 ± 0.07	0.0293	105	0.06
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.16 ± 0.05	0.0656	77.4	-0.43
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.71 ± 0.3	0.113	93.9	-0.08

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	0.23 ± 0.09	0.0417	85.9	-0.21
Chloridazon	µg/l	0.332 ± 0.02	0.35 ± 0.1	0.0447	105	0.09
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.26 ± 0.08	0.027	106	0.09
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.034 ± 0.01	0.0064	174	0.71
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.093 ± 0.04	0.0451	33	-2.30
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	0.7 ± 0.3	0.12	81.4	-0.27
Metolachlor	µg/l	0.164 ± 0.0112	- ± -	0.0263	-	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.78 ± 0.2	0.118	99.3	-0.01
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	0.53 ± 0.159	0.0781	102	0.03
Propazine	µg/l	0.296 ± 0.0198	0.28 ± 0.1	0.042	94.7	-0.08
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.2 ± 0.08	0.0129	198	0.62
Terbuthylazine	µg/l	0.239 ± 0.0159	0.14 ± 0.04	0.0389	58.6	-1.21
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.26 ± 0.08	0.0325	104	0.06
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



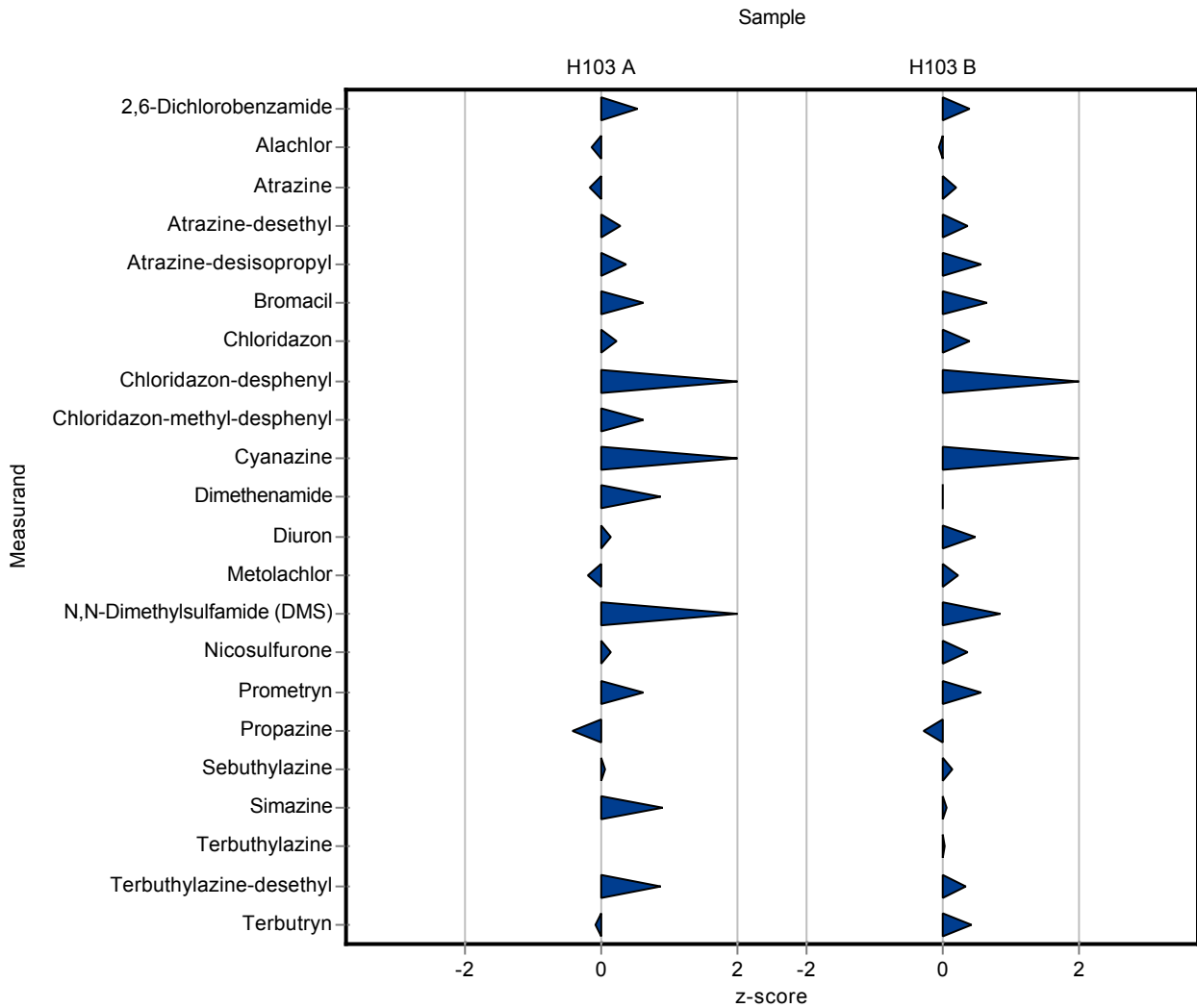
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.468 ± 0.094	0.0837	110	0.53
Alachlor	µg/l	0.531 ± 0.0183	0.522 ± 0.104	0.0637	98.3	-0.14
Atrazine	µg/l	0.151 ± 0.00508	0.148 ± 0.022	0.0166	98.1	-0.18
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.697 ± 0.105	0.113	105	0.28
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.85 ± 0.128	0.121	105	0.36
Bromacil	µg/l	0.322 ± 0.0231	0.349 ± 0.07	0.045	109	0.61
Chloridazon	µg/l	0.119 ± 0.00542	0.122 ± 0.018	0.0154	103	0.22
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.59 ± 0.089	0.0554	117	1.55
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.107 ± 0.016	0.0165	110	0.60
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.499 ± 0.1	0.0669	119	1.21
Dimethenamide	µg/l	0.673 ± 0.0571	0.758 ± 0.152	0.0988	113	0.86
Diuron	µg/l	0.256 ± 0.0132	0.26 ± 0.039	0.0358	102	0.12
Metolachlor	µg/l	0.327 ± 0.0221	0.317 ± 0.048	0.0506	96.9	-0.20
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.54 ± 0.108	0.0685	118	1.22
Nicosulfurone	µg/l	0.171 ± 0.0321	0.178 ± 0.036	0.0533	104	0.14
Prometryn	µg/l	0.448 ± 0.0374	0.491 ± 0.098	0.07	110	0.61
Propazine	µg/l	0.222 ± 0.0151	0.208 ± 0.042	0.0321	93.8	-0.43
Sebuthylazine	µg/l	0.35 ± 0.0202	0.351 ± 0.07	0.0379	100	0.04
Simazine	µg/l	0.604 ± 0.0259	0.663 ± 0.133	0.0664	110	0.89
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.961 ± 0.192	0.102	110	0.87
Terbutryn	µg/l	0.161 ± 0.0117	0.159 ± 0.032	0.0241	98.8	-0.08

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.129 ± 0.026	0.0183	106	0.39
Alachlor	µg/l	0.527 ± 0.0223	0.523 ± 0.105	0.0633	99.2	-0.06
Atrazine	µg/l	0.69 ± 0.0305	0.705 ± 0.106	0.0763	102	0.20
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.183 ± 0.027	0.0293	106	0.37
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.82 ± 0.123	0.113	109	0.57

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.295 ± 0.059	0.0417	110	0.65
Chloridazon	µg/l	0.332 ± 0.02	0.35 ± 0.053	0.0447	105	0.40
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.285 ± 0.043	0.027	116	1.48
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	<0.03 (LOQ) ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.334 ± 0.067	0.0451	118	1.15
Dimethenamide	µg/l	0.354 ± 0.026	0.354 ± 0.071	0.0469	100	0.00
Diuron	µg/l	0.86 ± 0.0461	0.918 ± 0.138	0.12	107	0.48
Metolachlor	µg/l	0.164 ± 0.0112	0.17 ± 0.026	0.0263	104	0.24
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.887 ± 0.177	0.118	113	0.86
Nicosulfurone	µg/l	0.287 ± 0.0545	0.321 ± 0.064	0.0903	112	0.37
Prometryn	µg/l	0.519 ± 0.0417	0.563 ± 0.113	0.0781	108	0.56
Propazine	µg/l	0.296 ± 0.0198	0.284 ± 0.057	0.042	96	-0.28
Sebuthylazine	µg/l	0.365 ± 0.0236	0.371 ± 0.074	0.0441	102	0.14
Simazine	µg/l	0.101 ± 0.00575	0.102 ± 0.02	0.0129	101	0.06
Terbuthylazine	µg/l	0.239 ± 0.0159	0.24 ± 0.048	0.0389	100	0.03
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.261 ± 0.052	0.0325	104	0.34
Terbutryn	µg/l	0.527 ± 0.0493	0.571 ± 0.114	0.102	108	0.43



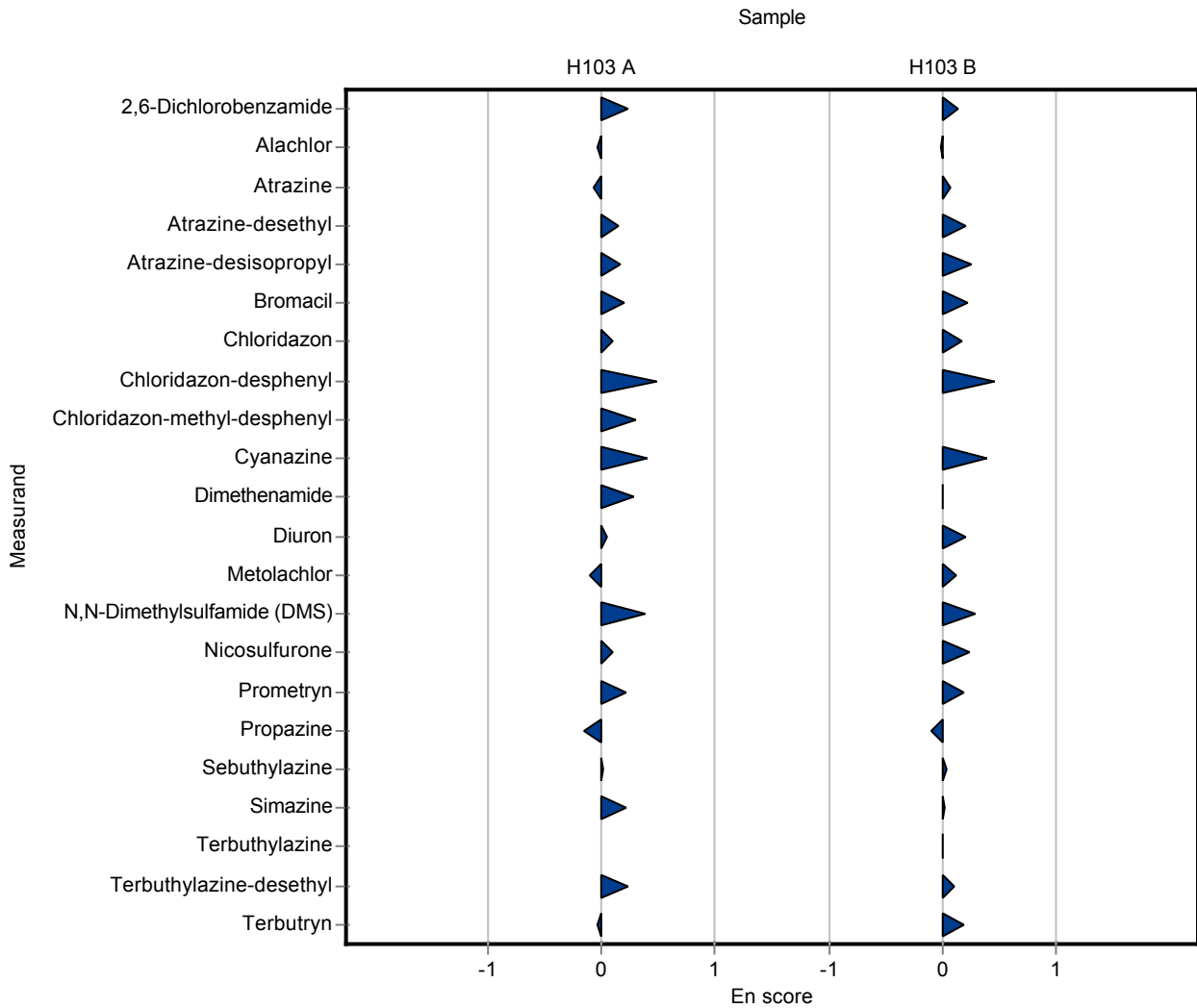
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.468 ± 0.094	0.0837	110	0.23
Alachlor	µg/l	0.531 ± 0.0183	0.522 ± 0.104	0.0637	98.3	-0.04
Atrazine	µg/l	0.151 ± 0.00508	0.148 ± 0.022	0.0166	98.1	-0.07
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.697 ± 0.105	0.113	105	0.15
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.85 ± 0.128	0.121	105	0.17
Bromacil	µg/l	0.322 ± 0.0231	0.349 ± 0.07	0.045	109	0.19
Chloridazon	µg/l	0.119 ± 0.00542	0.122 ± 0.018	0.0154	103	0.09
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.59 ± 0.089	0.0554	117	0.48
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.107 ± 0.016	0.0165	110	0.31
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.499 ± 0.1	0.0669	119	0.40
Dimethenamide	µg/l	0.673 ± 0.0571	0.758 ± 0.152	0.0988	113	0.28
Diuron	µg/l	0.256 ± 0.0132	0.26 ± 0.039	0.0358	102	0.05
Metolachlor	µg/l	0.327 ± 0.0221	0.317 ± 0.048	0.0506	96.9	-0.10
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.54 ± 0.108	0.0685	118	0.38
Nicosulfurone	µg/l	0.171 ± 0.0321	0.178 ± 0.036	0.0533	104	0.09
Prometryn	µg/l	0.448 ± 0.0374	0.491 ± 0.098	0.07	110	0.21
Propazine	µg/l	0.222 ± 0.0151	0.208 ± 0.042	0.0321	93.8	-0.16
Sebuthylazine	µg/l	0.35 ± 0.0202	0.351 ± 0.07	0.0379	100	0.01
Simazine	µg/l	0.604 ± 0.0259	0.663 ± 0.133	0.0664	110	0.22
Terbutylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.961 ± 0.192	0.102	110	0.23
Terbutryn	µg/l	0.161 ± 0.0117	0.159 ± 0.032	0.0241	98.8	-0.03

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.129 ± 0.026	0.0183	106	0.14
Alachlor	µg/l	0.527 ± 0.0223	0.523 ± 0.105	0.0633	99.2	-0.02
Atrazine	µg/l	0.69 ± 0.0305	0.705 ± 0.106	0.0763	102	0.07
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.183 ± 0.027	0.0293	106	0.20
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.82 ± 0.123	0.113	109	0.26

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]
Bromacil	µg/l	0.268 ± 0.0215	0.295 ± 0.059	0.0417	110 0.23
Chloridazon	µg/l	0.332 ± 0.02	0.35 ± 0.053	0.0447	105 0.16
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.285 ± 0.043	0.027	116 0.46
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	<0.03 (LOQ) ± -	0.0064	- -
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	- -
Cyanazine	µg/l	0.282 ± 0.0187	0.334 ± 0.067	0.0451	118 0.38
Dimethenamide	µg/l	0.354 ± 0.026	0.354 ± 0.071	0.0469	100 0.00
Diuron	µg/l	0.86 ± 0.0461	0.918 ± 0.138	0.12	107 0.21
Metolachlor	µg/l	0.164 ± 0.0112	0.17 ± 0.026	0.0263	104 0.12
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.887 ± 0.177	0.118	113 0.28
Nicosulfurone	µg/l	0.287 ± 0.0545	0.321 ± 0.064	0.0903	112 0.24
Prometryn	µg/l	0.519 ± 0.0417	0.563 ± 0.113	0.0781	108 0.19
Propazine	µg/l	0.296 ± 0.0198	0.284 ± 0.057	0.042	96 -0.10
Sebuthylazine	µg/l	0.365 ± 0.0236	0.371 ± 0.074	0.0441	102 0.04
Simazine	µg/l	0.101 ± 0.00575	0.102 ± 0.02	0.0129	101 0.02
Terbuthylazine	µg/l	0.239 ± 0.0159	0.24 ± 0.048	0.0389	100 0.01
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.261 ± 0.052	0.0325	104 0.10
Terbutryn	µg/l	0.527 ± 0.0493	0.571 ± 0.114	0.102	108 0.19



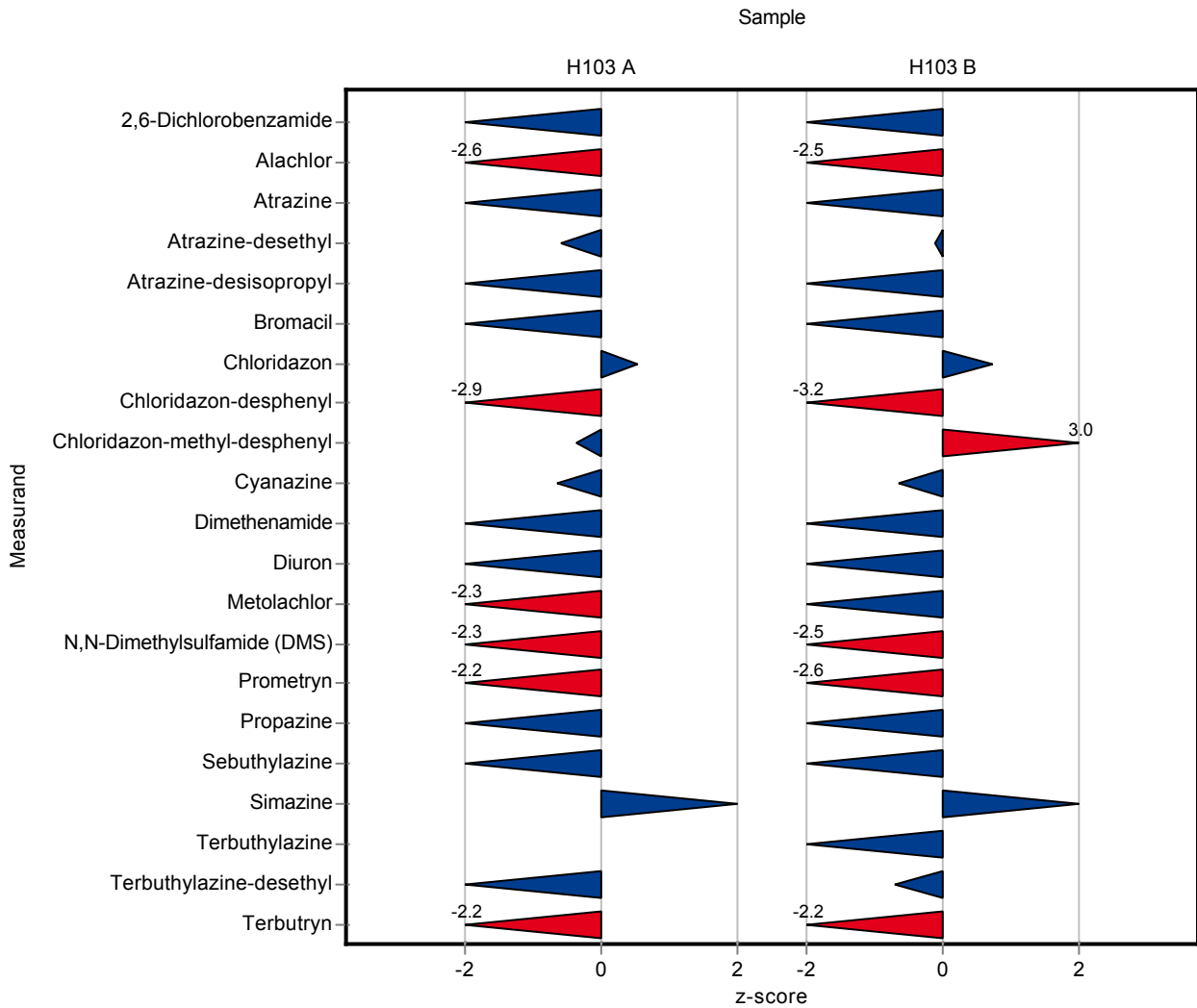
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.281 ± 0.056	0.0837	66.3	-1.71
Alachlor	µg/l	0.531 ± 0.0183	0.363 ± 0.073	0.0637	68.4	-2.64
Atrazine	µg/l	0.151 ± 0.00508	0.122 ± 0.024	0.0166	80.8	-1.74
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.598 ± 0.12	0.113	89.9	-0.59
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.649 ± 0.13	0.121	80.5	-1.30
Bromacil	µg/l	0.322 ± 0.0231	0.242 ± 0.048	0.045	75.2	-1.77
Chloridazon	µg/l	0.119 ± 0.00542	0.127 ± 0.025	0.0154	107	0.54
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.345 ± 0.069	0.0554	68.5	-2.87
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.091 ± 0.018	0.0165	93.7	-0.37
Clopyralid	µg/l	0.277 ± 0.101	<0.1 (LOQ) ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.374 ± 0.075	0.0669	89.5	-0.66
Dimethenamide	µg/l	0.673 ± 0.0571	0.513 ± 0.103	0.0988	76.3	-1.61
Diuron	µg/l	0.256 ± 0.0132	0.197 ± 0.039	0.0358	77.1	-1.64
Metolachlor	µg/l	0.327 ± 0.0221	0.213 ± 0.043	0.0506	65.1	-2.25
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.297 ± 0.059	0.0685	65	-2.33
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	0.294 ± 0.059	0.07	65.6	-2.20
Propazine	µg/l	0.222 ± 0.0151	0.169 ± 0.034	0.0321	76.2	-1.65
Sebuthylazine	µg/l	0.35 ± 0.0202	0.286 ± 0.057	0.0379	81.8	-1.68
Simazine	µg/l	0.604 ± 0.0259	0.714 ± 0.143	0.0664	118	1.66
Terbuthylazine	µg/l	- ± -	<0.1 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.687 ± 0.137	0.102	78.8	-1.81
Terbutryn	µg/l	0.161 ± 0.0117	0.108 ± 0.022	0.0241	67.1	-2.20

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.098 ± 0.02	0.0183	80.4	-1.31
Alachlor	µg/l	0.527 ± 0.0223	0.37 ± 0.074	0.0633	70.2	-2.48
Atrazine	µg/l	0.69 ± 0.0305	0.561 ± 0.112	0.0763	81.3	-1.69
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.169 ± 0.034	0.0293	98.2	-0.11
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.604 ± 0.121	0.113	79.9	-1.34

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.207 ± 0.041	0.0417	77.3	-1.46
Chloridazon	µg/l	0.332 ± 0.02	0.365 ± 0.073	0.0447	110	0.73
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.158 ± 0.032	0.027	64.4	-3.23
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.039 ± 0.008	0.0064	200	3.05
Clopyralid	µg/l	0.575 ± 0.191	<0.1 (LOQ) ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.253 ± 0.051	0.0451	89.7	-0.64
Dimethenamide	µg/l	0.354 ± 0.026	0.282 ± 0.056	0.0469	79.7	-1.53
Diuron	µg/l	0.86 ± 0.0461	0.649 ± 0.13	0.12	75.5	-1.75
Metolachlor	µg/l	0.164 ± 0.0112	0.121 ± 0.024	0.0263	73.9	-1.62
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.493 ± 0.099	0.118	62.8	-2.48
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	0.317 ± 0.063	0.0781	61	-2.59
Propazine	µg/l	0.296 ± 0.0198	0.233 ± 0.047	0.042	78.8	-1.49
Sebuthylazine	µg/l	0.365 ± 0.0236	0.287 ± 0.057	0.0441	78.7	-1.77
Simazine	µg/l	0.101 ± 0.00575	0.126 ± 0.025	0.0129	124	1.92
Terbuthylazine	µg/l	0.239 ± 0.0159	0.191 ± 0.038	0.0389	79.9	-1.23
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.227 ± 0.045	0.0325	90.8	-0.71
Terbutryn	µg/l	0.527 ± 0.0493	0.306 ± 0.061	0.102	58	-2.18



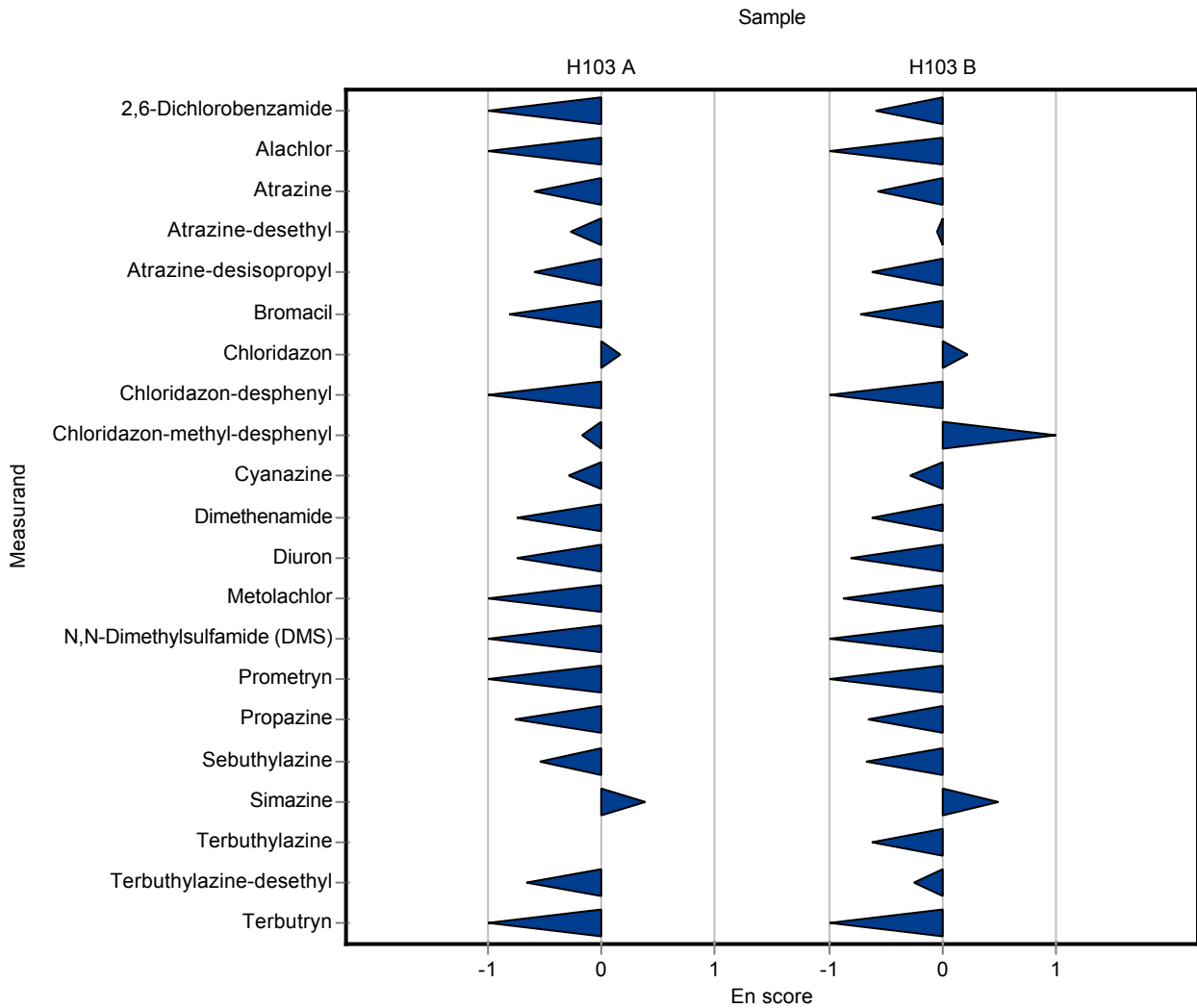
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.281 ± 0.056	0.0837	66.3	-1.22
Alachlor	µg/l	0.531 ± 0.0183	0.363 ± 0.073	0.0637	68.4	-1.14
Atrazine	µg/l	0.151 ± 0.00508	0.122 ± 0.024	0.0166	80.8	-0.60
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.598 ± 0.12	0.113	89.9	-0.28
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.649 ± 0.13	0.121	80.5	-0.59
Bromacil	µg/l	0.322 ± 0.0231	0.242 ± 0.048	0.045	75.2	-0.81
Chloridazon	µg/l	0.119 ± 0.00542	0.127 ± 0.025	0.0154	107	0.17
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.345 ± 0.069	0.0554	68.5	-1.14
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.091 ± 0.018	0.0165	93.7	-0.17
Clopyralid	µg/l	0.277 ± 0.101	<0.1 (LOQ) ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.374 ± 0.075	0.0669	89.5	-0.29
Dimethenamide	µg/l	0.673 ± 0.0571	0.513 ± 0.103	0.0988	76.3	-0.75
Diuron	µg/l	0.256 ± 0.0132	0.197 ± 0.039	0.0358	77.1	-0.74
Metolachlor	µg/l	0.327 ± 0.0221	0.213 ± 0.043	0.0506	65.1	-1.28
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.297 ± 0.059	0.0685	65	-1.31
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	0.294 ± 0.059	0.07	65.6	-1.25
Propazine	µg/l	0.222 ± 0.0151	0.169 ± 0.034	0.0321	76.2	-0.76
Sebuthylazine	µg/l	0.35 ± 0.0202	0.286 ± 0.057	0.0379	81.8	-0.55
Simazine	µg/l	0.604 ± 0.0259	0.714 ± 0.143	0.0664	118	0.38
Terbuthylazine	µg/l	- ± -	<0.1 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.687 ± 0.137	0.102	78.8	-0.67
Terbutryn	µg/l	0.161 ± 0.0117	0.108 ± 0.022	0.0241	67.1	-1.16

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.098 ± 0.02	0.0183	80.4	-0.59
Alachlor	µg/l	0.527 ± 0.0223	0.37 ± 0.074	0.0633	70.2	-1.05
Atrazine	µg/l	0.69 ± 0.0305	0.561 ± 0.112	0.0763	81.3	-0.57
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.169 ± 0.034	0.0293	98.2	-0.05
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.604 ± 0.121	0.113	79.9	-0.62

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]	
Bromacil	µg/l	0.268 ± 0.0215	0.207 ± 0.041	0.0417	77.3	-0.72
Chloridazon	µg/l	0.332 ± 0.02	0.365 ± 0.073	0.0447	110	0.22
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.158 ± 0.032	0.027	64.4	-1.34
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.039 ± 0.008	0.0064	200	1.19
Clopyralid	µg/l	0.575 ± 0.191	<0.1 (LOQ) ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.253 ± 0.051	0.0451	89.7	-0.28
Dimethenamide	µg/l	0.354 ± 0.026	0.282 ± 0.056	0.0469	79.7	-0.62
Diuron	µg/l	0.86 ± 0.0461	0.649 ± 0.13	0.12	75.5	-0.80
Metolachlor	µg/l	0.164 ± 0.0112	0.121 ± 0.024	0.0263	73.9	-0.87
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.493 ± 0.099	0.118	62.8	-1.42
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	0.317 ± 0.063	0.0781	61	-1.52
Propazine	µg/l	0.296 ± 0.0198	0.233 ± 0.047	0.042	78.8	-0.65
Sebuthylazine	µg/l	0.365 ± 0.0236	0.287 ± 0.057	0.0441	78.7	-0.67
Simazine	µg/l	0.101 ± 0.00575	0.126 ± 0.025	0.0129	124	0.49
Terbuthylazine	µg/l	0.239 ± 0.0159	0.191 ± 0.038	0.0389	79.9	-0.62
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.227 ± 0.045	0.0325	90.8	-0.25
Terbutryn	µg/l	0.527 ± 0.0493	0.306 ± 0.061	0.102	58	-1.68



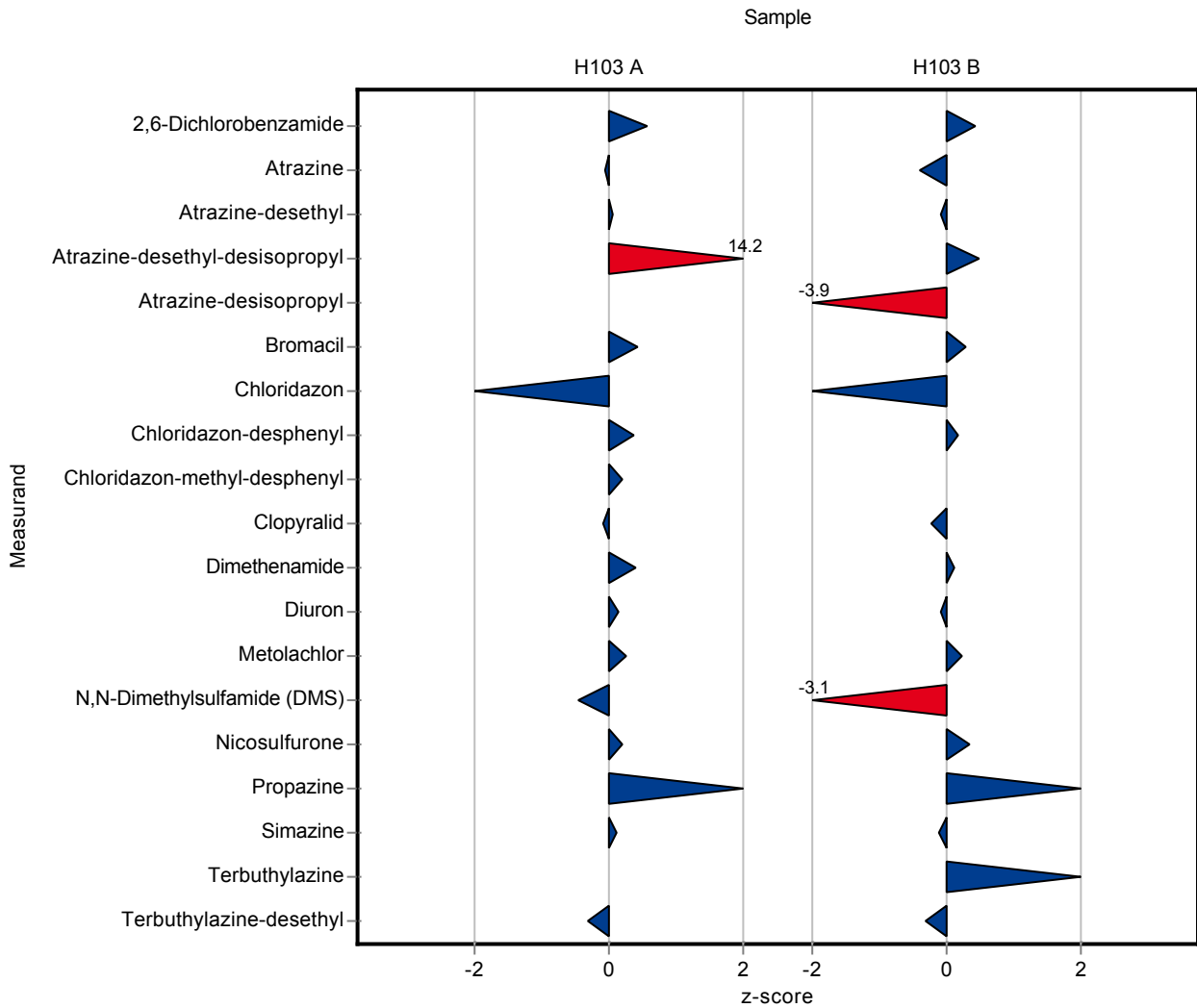
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.47 ± 0.04	0.0837	111	0.55
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.15 ± 0.03	0.0166	99.4	-0.06
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.67 ± 0.07	0.113	101	0.05
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.86 ± 0.09	0.0528	788	14.20
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	<0.03 (LOQ) ± -	0.121	-	-
Bromacil	µg/l	0.322 ± 0.0231	0.34 ± 0.04	0.045	106	0.41
Chloridazon	µg/l	0.119 ± 0.00542	0.101 ± 0.03	0.0154	85.1	-1.14
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.524 ± 0.05	0.0554	104	0.36
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.1 ± 0.03	0.0165	103	0.18
Clopyralid	µg/l	0.277 ± 0.101	0.27 ± 0.03	0.0748	97.5	-0.09
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	0.71 ± 0.07	0.0988	106	0.38
Diuron	µg/l	0.256 ± 0.0132	0.26 ± 0.03	0.0358	102	0.12
Metolachlor	µg/l	0.327 ± 0.0221	0.34 ± 0.04	0.0506	104	0.26
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.425 ± 0.05	0.0685	93.1	-0.46
Nicosulfurone	µg/l	0.171 ± 0.0321	0.18 ± 0.03	0.0533	106	0.18
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	0.28 ± 0.03	0.0321	126	1.81
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.61 ± 0.06	0.0664	101	0.09
Terbutylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.84 ± 0.08	0.102	96.3	-0.32
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.13 ± 0.03	0.0183	107	0.44
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.66 ± 0.07	0.0763	95.7	-0.39
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.17 ± 0.03	0.0293	98.8	-0.07
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.24 ± 0.03	0.0656	116	0.51
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.31 ± 0.03	0.113	41	-3.93

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.28 ± 0.03	0.0417	105	0.29
Chloridazon	µg/l	0.332 ± 0.02	0.26 ± 0.03	0.0447	78.3	-1.62
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.25 ± 0.03	0.027	102	0.18
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	<0.03 (LOQ) ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	0.54 ± 0.05	0.155	94	-0.22
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	0.36 ± 0.04	0.0469	102	0.13
Diuron	µg/l	0.86 ± 0.0461	0.85 ± 0.09	0.12	98.8	-0.08
Metolachlor	µg/l	0.164 ± 0.0112	0.17 ± 0.03	0.0263	104	0.24
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.42 ± 0.04	0.118	53.5	-3.10
Nicosulfurone	µg/l	0.287 ± 0.0545	0.32 ± 0.03	0.0903	111	0.36
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	0.35 ± 0.04	0.042	118	1.29
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.1 ± 0.03	0.0129	98.8	-0.10
Terbuthylazine	µg/l	0.239 ± 0.0159	0.31 ± 0.03	0.0389	130	1.83
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.24 ± 0.03	0.0325	96	-0.31
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



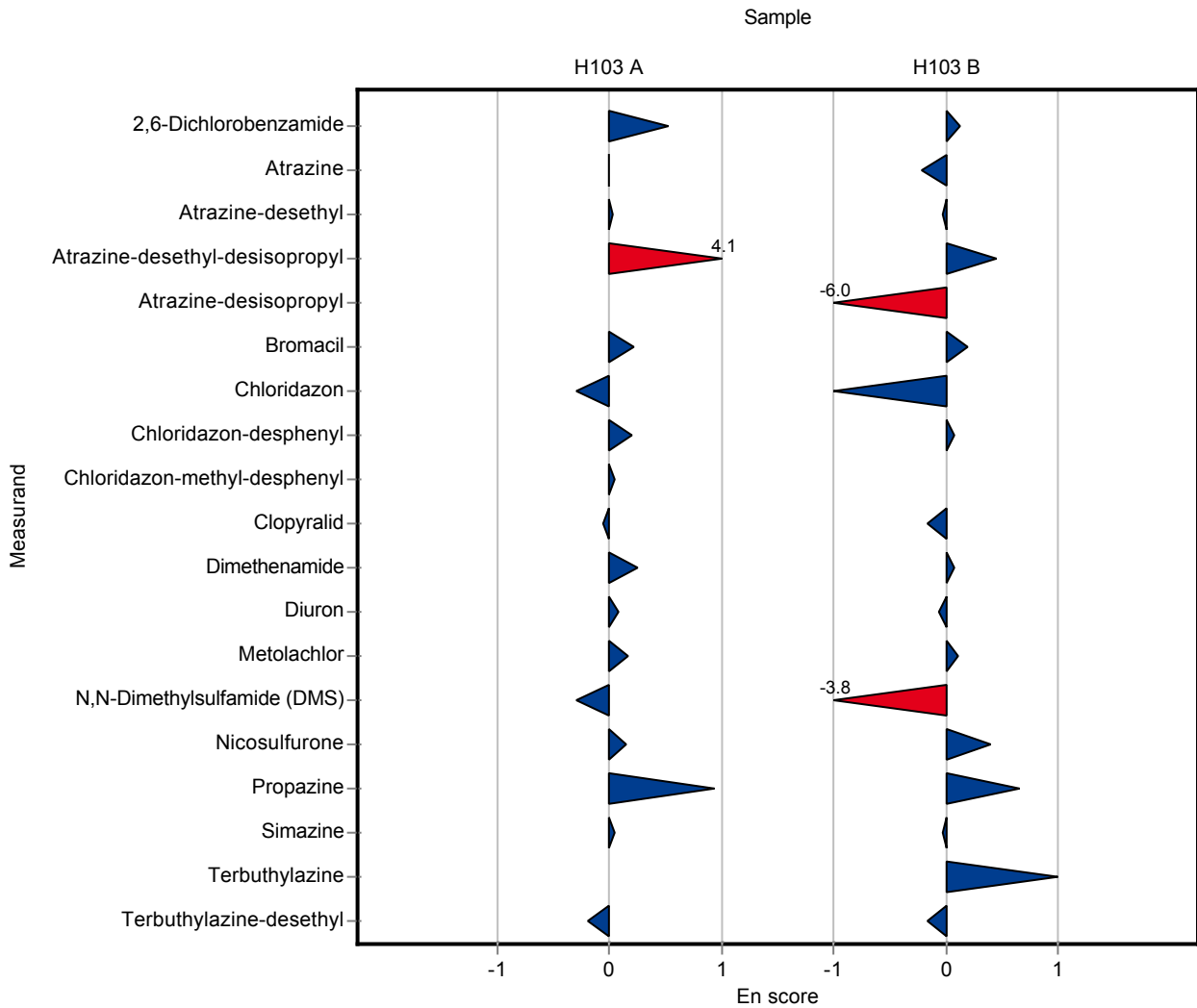
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.47 ± 0.04	0.0837	111	0.52
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.15 ± 0.03	0.0166	99.4	-0.02
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.67 ± 0.07	0.113	101	0.04
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.86 ± 0.09	0.0528	788	4.07
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	<0.03 (LOQ) ± -	0.121	-	-
Bromacil	µg/l	0.322 ± 0.0231	0.34 ± 0.04	0.045	106	0.22
Chloridazon	µg/l	0.119 ± 0.00542	0.101 ± 0.03	0.0154	85.1	-0.29
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.524 ± 0.05	0.0554	104	0.20
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.1 ± 0.03	0.0165	103	0.05
Clopyralid	µg/l	0.277 ± 0.101	0.27 ± 0.03	0.0748	97.5	-0.06
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	0.71 ± 0.07	0.0988	106	0.25
Diuron	µg/l	0.256 ± 0.0132	0.26 ± 0.03	0.0358	102	0.07
Metolachlor	µg/l	0.327 ± 0.0221	0.34 ± 0.04	0.0506	104	0.16
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.425 ± 0.05	0.0685	93.1	-0.30
Nicosulfurone	µg/l	0.171 ± 0.0321	0.18 ± 0.03	0.0533	106	0.14
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	0.28 ± 0.03	0.0321	126	0.94
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.61 ± 0.06	0.0664	101	0.05
Terbutylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.84 ± 0.08	0.102	96.3	-0.19
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.13 ± 0.03	0.0183	107	0.13
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.66 ± 0.07	0.0763	95.7	-0.21
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.17 ± 0.03	0.0293	98.8	-0.03
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.24 ± 0.03	0.0656	116	0.46
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.31 ± 0.03	0.113	41	-6.00

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	0.28 ± 0.03	0.0417	105	0.19
Chloridazon	µg/l	0.332 ± 0.02	0.26 ± 0.03	0.0447	78.3	-1.14
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.25 ± 0.03	0.027	102	0.08
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	<0.03 (LOQ) ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	0.54 ± 0.05	0.155	94	-0.16
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	0.36 ± 0.04	0.0469	102	0.07
Diuron	µg/l	0.86 ± 0.0461	0.85 ± 0.09	0.12	98.8	-0.05
Metolachlor	µg/l	0.164 ± 0.0112	0.17 ± 0.03	0.0263	104	0.10
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.42 ± 0.04	0.118	53.5	-3.77
Nicosulfurone	µg/l	0.287 ± 0.0545	0.32 ± 0.03	0.0903	111	0.40
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	0.35 ± 0.04	0.042	118	0.66
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.1 ± 0.03	0.0129	98.8	-0.02
Terbuthylazine	µg/l	0.239 ± 0.0159	0.31 ± 0.03	0.0389	130	1.14
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.24 ± 0.03	0.0325	96	-0.16
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



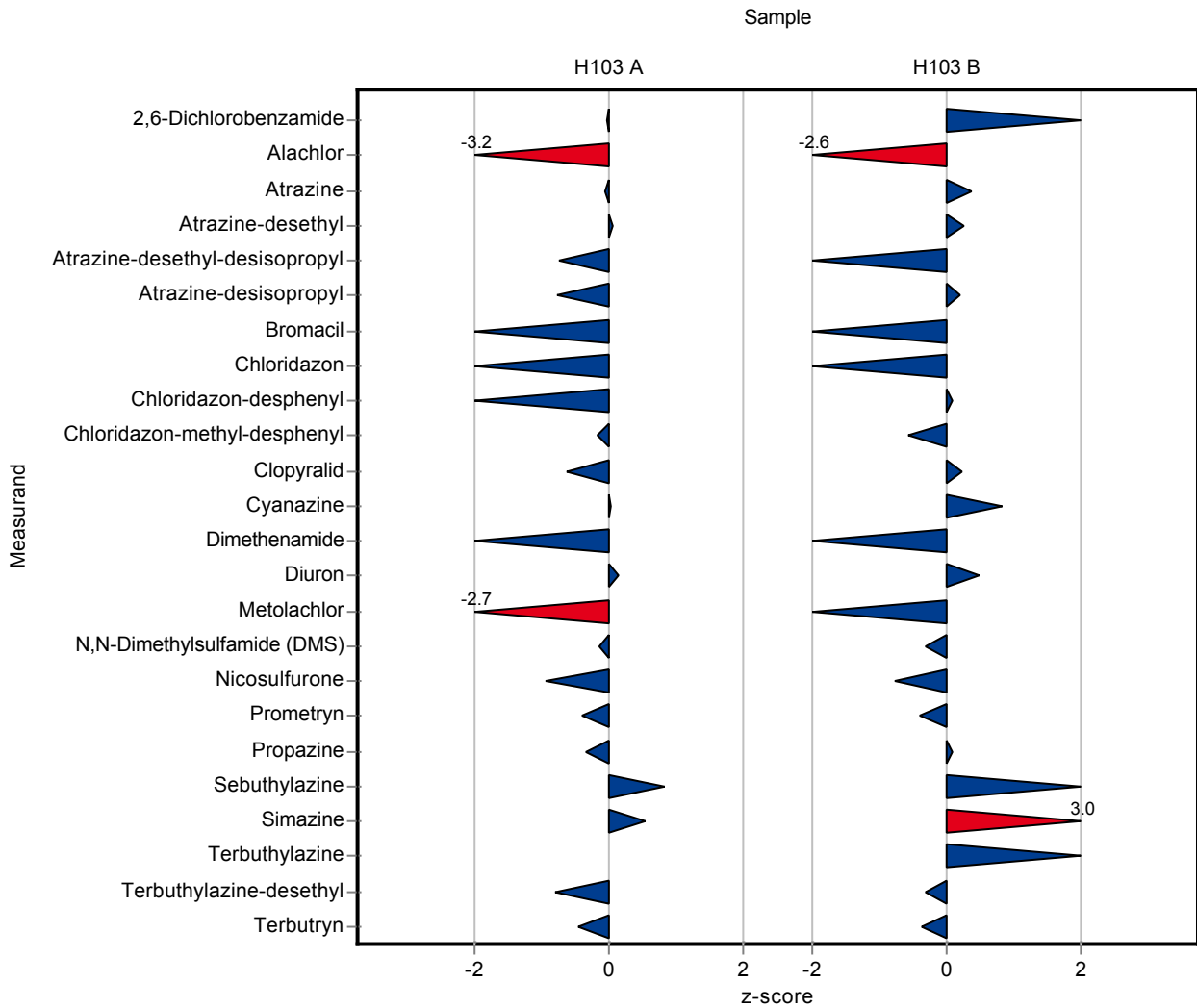
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.42 ± 0.13	0.0837	99	-0.05
Alachlor	µg/l	0.531 ± 0.0183	0.33 ± 0.1	0.0637	62.1	-3.15
Atrazine	µg/l	0.151 ± 0.00508	0.15 ± 0.05	0.0166	99.4	-0.06
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.67 ± 0.2	0.113	101	0.05
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.07 ± 0.02	0.0528	64.1	-0.74
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.71 ± 0.21	0.121	88	-0.80
Bromacil	µg/l	0.322 ± 0.0231	0.27 ± 0.08	0.045	83.9	-1.15
Chloridazon	µg/l	0.119 ± 0.00542	0.1 ± 0.03	0.0154	84.3	-1.21
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.444 ± 0.133	0.0554	88.1	-1.08
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.094 ± 0.028	0.0165	96.8	-0.19
Clopyralid	µg/l	0.277 ± 0.101	0.23 ± 0.07	0.0748	83	-0.63
Cyanazine	µg/l	0.418 ± 0.0247	0.42 ± 0.13	0.0669	100	0.03
Dimethenamide	µg/l	0.673 ± 0.0571	0.492 ± 0.148	0.0988	73.2	-1.83
Diuron	µg/l	0.256 ± 0.0132	0.26 ± 0.08	0.0358	102	0.12
Metolachlor	µg/l	0.327 ± 0.0221	0.19 ± 0.06	0.0506	58.1	-2.70
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.447 ± 0.134	0.0685	97.9	-0.14
Nicosulfurone	µg/l	0.171 ± 0.0321	0.12 ± 0.04	0.0533	70.4	-0.95
Prometryn	µg/l	0.448 ± 0.0374	0.42 ± 0.13	0.07	93.7	-0.40
Propazine	µg/l	0.222 ± 0.0151	0.21 ± 0.06	0.0321	94.7	-0.37
Sebuthylazine	µg/l	0.35 ± 0.0202	0.38 ± 0.11	0.0379	109	0.80
Simazine	µg/l	0.604 ± 0.0259	0.64 ± 0.19	0.0664	106	0.54
Terbutylazine	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.79 ± 0.24	0.102	90.6	-0.81
Terbutryn	µg/l	0.161 ± 0.0117	0.15 ± 0.05	0.0241	93.2	-0.45

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.15 ± 0.05	0.0183	123	1.54
Alachlor	µg/l	0.527 ± 0.0223	0.36 ± 0.11	0.0633	68.3	-2.64
Atrazine	µg/l	0.69 ± 0.0305	0.72 ± 0.22	0.0763	104	0.39
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.18 ± 0.05	0.0293	105	0.27
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.13 ± 0.04	0.0656	62.9	-1.17
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.78 ± 0.23	0.113	103	0.21

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.21 ± 0.06	0.0417	78.4	-1.39
Chloridazon	µg/l	0.332 ± 0.02	0.25 ± 0.08	0.0447	75.2	-1.84
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.248 ± 0.074	0.027	101	0.10
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.016 ± 0.005	0.0064	82	-0.55
Clopyralid	µg/l	0.575 ± 0.191	0.61 ± 0.18	0.155	106	0.23
Cyanazine	µg/l	0.282 ± 0.0187	0.32 ± 0.1	0.0451	113	0.84
Dimethenamide	µg/l	0.354 ± 0.026	0.284 ± 0.085	0.0469	80.3	-1.49
Diuron	µg/l	0.86 ± 0.0461	0.92 ± 0.28	0.12	107	0.50
Metolachlor	µg/l	0.164 ± 0.0112	0.12 ± 0.04	0.0263	73.3	-1.66
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.75 ± 0.23	0.118	95.5	-0.30
Nicosulfurone	µg/l	0.287 ± 0.0545	0.22 ± 0.07	0.0903	76.5	-0.75
Prometryn	µg/l	0.519 ± 0.0417	0.49 ± 0.15	0.0781	94.4	-0.38
Propazine	µg/l	0.296 ± 0.0198	0.3 ± 0.1	0.042	101	0.10
Sebuthylazine	µg/l	0.365 ± 0.0236	0.43 ± 0.13	0.0441	118	1.48
Simazine	µg/l	0.101 ± 0.00575	0.14 ± 0.04	0.0129	138	3.01
Terbuthylazine	µg/l	0.239 ± 0.0159	0.28 ± 0.08	0.0389	117	1.05
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.24 ± 0.07	0.0325	96	-0.31
Terbutryn	µg/l	0.527 ± 0.0493	0.49 ± 0.15	0.102	92.9	-0.37



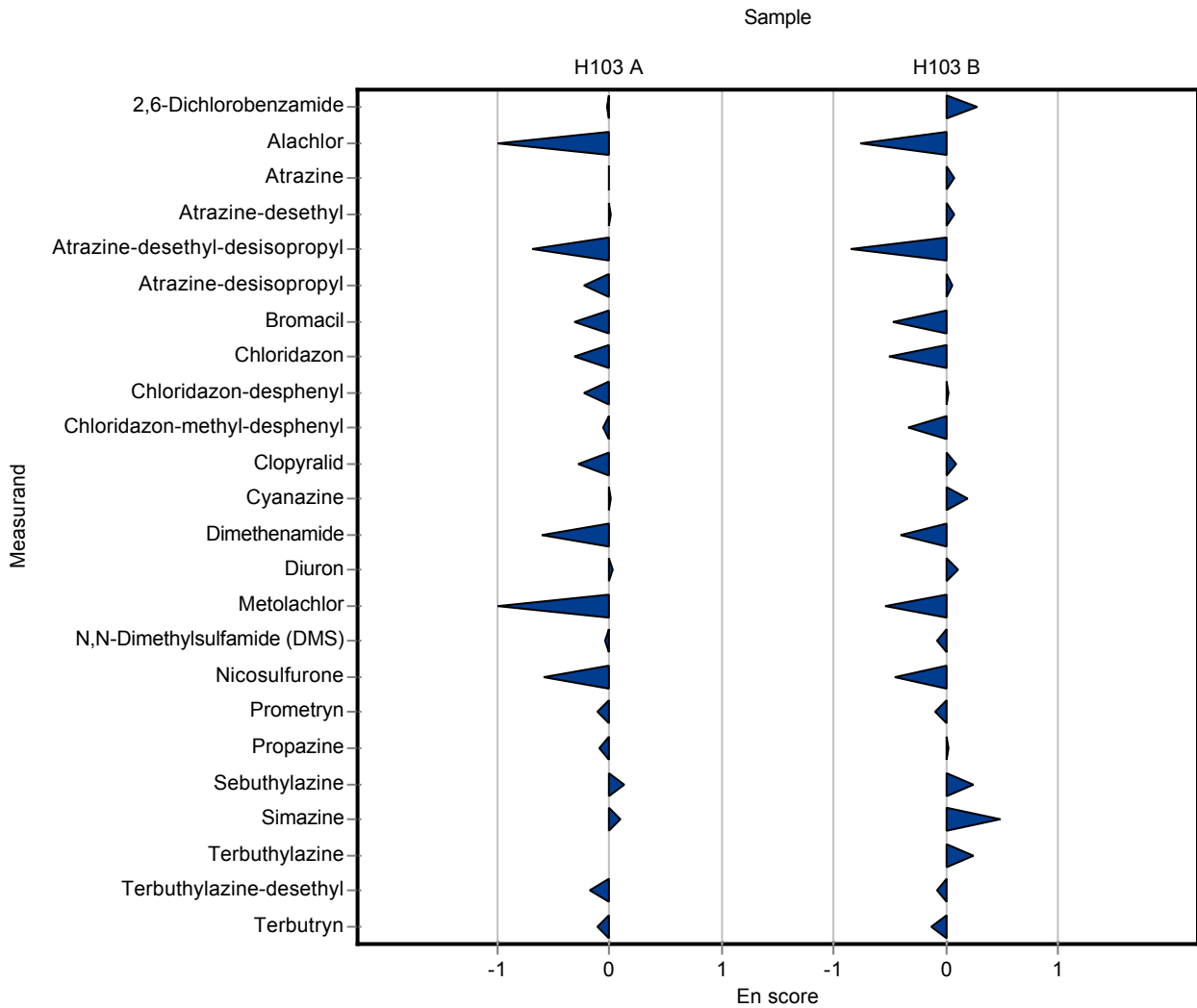
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.42 ± 0.13	0.0837	99	-0.02
Alachlor	µg/l	0.531 ± 0.0183	0.33 ± 0.1	0.0637	62.1	-1.00
Atrazine	µg/l	0.151 ± 0.00508	0.15 ± 0.05	0.0166	99.4	-0.01
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.67 ± 0.2	0.113	101	0.01
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.07 ± 0.02	0.0528	64.1	-0.69
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.71 ± 0.21	0.121	88	-0.23
Bromacil	µg/l	0.322 ± 0.0231	0.27 ± 0.08	0.045	83.9	-0.32
Chloridazon	µg/l	0.119 ± 0.00542	0.1 ± 0.03	0.0154	84.3	-0.31
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.444 ± 0.133	0.0554	88.1	-0.22
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.094 ± 0.028	0.0165	96.8	-0.06
Clopyralid	µg/l	0.277 ± 0.101	0.23 ± 0.07	0.0748	83	-0.27
Cyanazine	µg/l	0.418 ± 0.0247	0.42 ± 0.13	0.0669	100	0.01
Dimethenamide	µg/l	0.673 ± 0.0571	0.492 ± 0.148	0.0988	73.2	-0.60
Diuron	µg/l	0.256 ± 0.0132	0.26 ± 0.08	0.0358	102	0.03
Metolachlor	µg/l	0.327 ± 0.0221	0.19 ± 0.06	0.0506	58.1	-1.12
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.447 ± 0.134	0.0685	97.9	-0.04
Nicosulfurone	µg/l	0.171 ± 0.0321	0.12 ± 0.04	0.0533	70.4	-0.59
Prometryn	µg/l	0.448 ± 0.0374	0.42 ± 0.13	0.07	93.7	-0.11
Propazine	µg/l	0.222 ± 0.0151	0.21 ± 0.06	0.0321	94.7	-0.10
Sebuthylazine	µg/l	0.35 ± 0.0202	0.38 ± 0.11	0.0379	109	0.14
Simazine	µg/l	0.604 ± 0.0259	0.64 ± 0.19	0.0664	106	0.09
Terbutylazine	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.79 ± 0.24	0.102	90.6	-0.17
Terbutryn	µg/l	0.161 ± 0.0117	0.15 ± 0.05	0.0241	93.2	-0.11

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.15 ± 0.05	0.0183	123	0.28
Alachlor	µg/l	0.527 ± 0.0223	0.36 ± 0.11	0.0633	68.3	-0.76
Atrazine	µg/l	0.69 ± 0.0305	0.72 ± 0.22	0.0763	104	0.07
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.18 ± 0.05	0.0293	105	0.08
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.13 ± 0.04	0.0656	62.9	-0.85
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.78 ± 0.23	0.113	103	0.05

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	0.21 ± 0.06	0.0417	78.4	-0.47
Chloridazon	µg/l	0.332 ± 0.02	0.25 ± 0.08	0.0447	75.2	-0.51
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.248 ± 0.074	0.027	101	0.02
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.016 ± 0.005	0.0064	82	-0.33
Clopyralid	µg/l	0.575 ± 0.191	0.61 ± 0.18	0.155	106	0.09
Cyanazine	µg/l	0.282 ± 0.0187	0.32 ± 0.1	0.0451	113	0.19
Dimethenamide	µg/l	0.354 ± 0.026	0.284 ± 0.085	0.0469	80.3	-0.41
Diuron	µg/l	0.86 ± 0.0461	0.92 ± 0.28	0.12	107	0.11
Metolachlor	µg/l	0.164 ± 0.0112	0.12 ± 0.04	0.0263	73.3	-0.54
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.75 ± 0.23	0.118	95.5	-0.08
Nicosulfurone	µg/l	0.287 ± 0.0545	0.22 ± 0.07	0.0903	76.5	-0.45
Prometryn	µg/l	0.519 ± 0.0417	0.49 ± 0.15	0.0781	94.4	-0.10
Propazine	µg/l	0.296 ± 0.0198	0.3 ± 0.1	0.042	101	0.02
Sebuthylazine	µg/l	0.365 ± 0.0236	0.43 ± 0.13	0.0441	118	0.25
Simazine	µg/l	0.101 ± 0.00575	0.14 ± 0.04	0.0129	138	0.48
Terbuthylazine	µg/l	0.239 ± 0.0159	0.28 ± 0.08	0.0389	117	0.26
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.24 ± 0.07	0.0325	96	-0.07
Terbutryn	µg/l	0.527 ± 0.0493	0.49 ± 0.15	0.102	92.9	-0.12



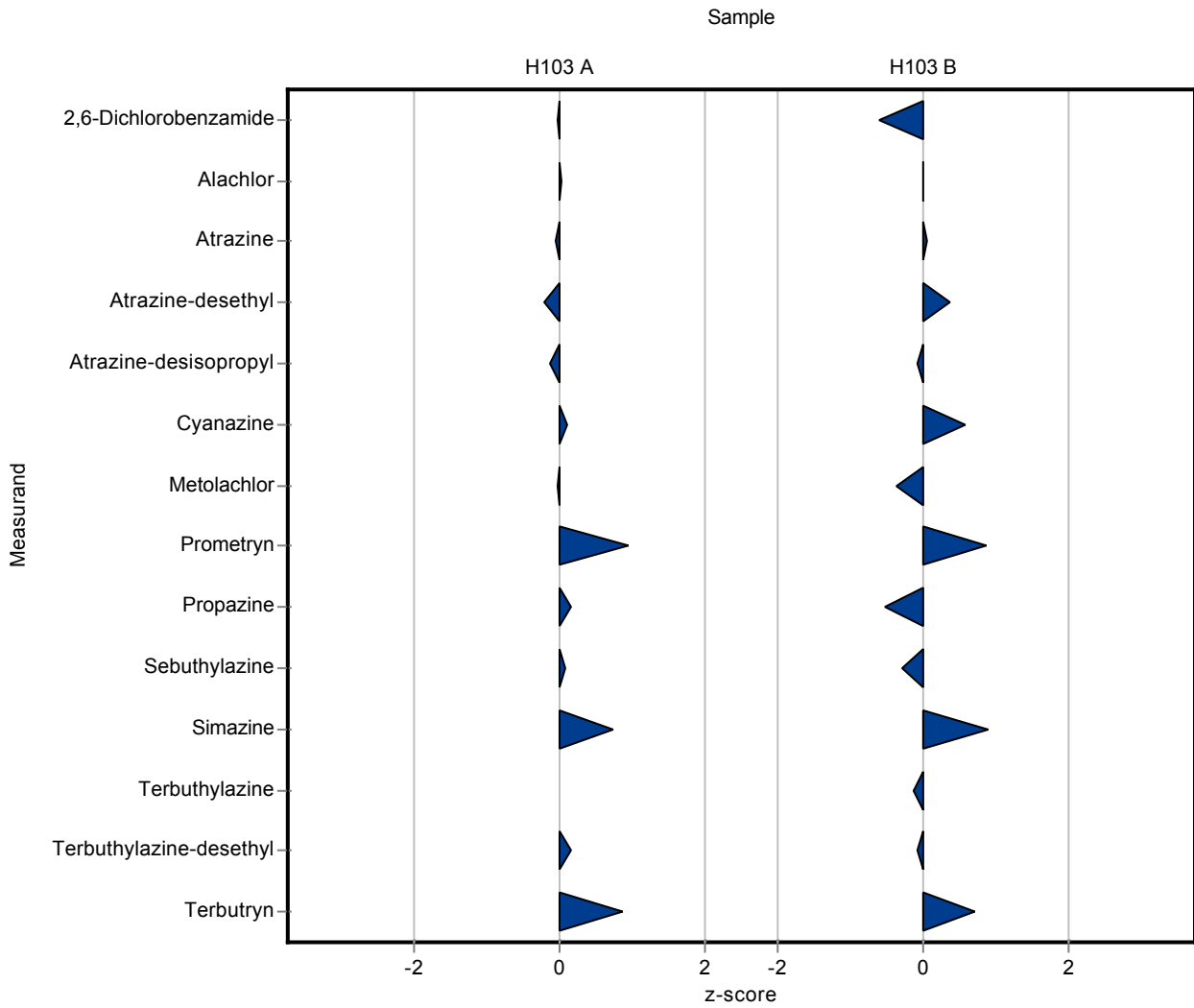
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.422 ± 0.008	0.0837	99.5	-0.02
Alachlor	µg/l	0.531 ± 0.0183	0.532 ± 0.01	0.0637	100	0.02
Atrazine	µg/l	0.151 ± 0.00508	0.15 ± 0.05	0.0166	99.4	-0.06
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.639 ± 0.011	0.113	96.1	-0.23
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.79 ± 0.015	0.121	97.9	-0.14
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	- ± -	0.0154	-	-
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	- ± -	0.0554	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	- ± -	0.0165	-	-
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.425 ± 0.009	0.0669	102	0.10
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	- ± -	0.0358	-	-
Metolachlor	µg/l	0.327 ± 0.0221	0.326 ± 0.009	0.0506	99.7	-0.02
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	0.515 ± 0.004	0.07	115	0.95
Propazine	µg/l	0.222 ± 0.0151	0.227 ± 0.003	0.0321	102	0.16
Sebuthylazine	µg/l	0.35 ± 0.0202	0.352 ± 0.004	0.0379	101	0.07
Simazine	µg/l	0.604 ± 0.0259	0.653 ± 0.01	0.0664	108	0.74
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.888 ± 0.013	0.102	102	0.15
Terbutryn	µg/l	0.161 ± 0.0117	0.182 ± 0.009	0.0241	113	0.88

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.111 ± 0.008	0.0183	91	-0.60
Alachlor	µg/l	0.527 ± 0.0223	0.527 ± 0.01	0.0633	100	0.00
Atrazine	µg/l	0.69 ± 0.0305	0.694 ± 0.011	0.0763	101	0.05
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.183 ± 0.009	0.0293	106	0.37
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.748 ± 0.015	0.113	99	-0.07

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	- ± -	0.0447	-	-
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	- ± -	0.027	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	- ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.308 ± 0.009	0.0451	109	0.58
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	- ± -	0.12	-	-
Metolachlor	µg/l	0.164 ± 0.0112	0.154 ± 0.009	0.0263	94.1	-0.37
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-	-
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	0.588 ± 0.009	0.0781	113	0.88
Propazine	µg/l	0.296 ± 0.0198	0.274 ± 0.003	0.042	92.6	-0.52
Sebuthylazine	µg/l	0.365 ± 0.0236	0.352 ± 0.004	0.0441	96.5	-0.29
Simazine	µg/l	0.101 ± 0.00575	0.113 ± 0.01	0.0129	112	0.91
Terbuthylazine	µg/l	0.239 ± 0.0159	0.234 ± 0.008	0.0389	97.9	-0.13
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.248 ± 0.006	0.0325	99.2	-0.06
Terbutryn	µg/l	0.527 ± 0.0493	0.599 ± 0.018	0.102	114	0.71



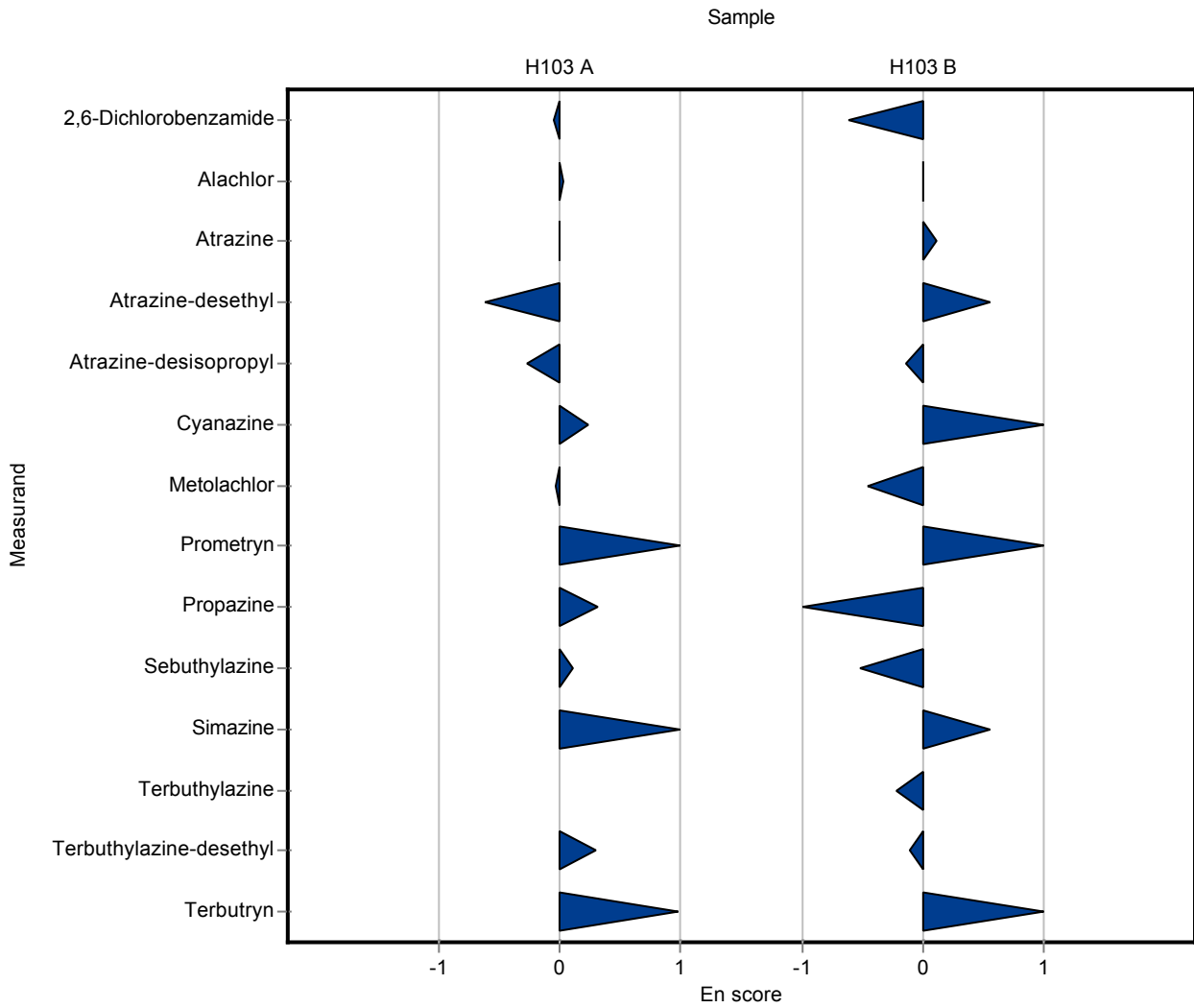
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.422 ± 0.008	0.0837	99.5	-0.05
Alachlor	µg/l	0.531 ± 0.0183	0.532 ± 0.01	0.0637	100	0.04
Atrazine	µg/l	0.151 ± 0.00508	0.15 ± 0.05	0.0166	99.4	-0.01
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.639 ± 0.011	0.113	96.1	-0.63
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.79 ± 0.015	0.121	97.9	-0.28
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	- ± -	0.0154	-	-
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	- ± -	0.0554	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	- ± -	0.0165	-	-
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.425 ± 0.009	0.0669	102	0.23
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	- ± -	0.0358	-	-
Metolachlor	µg/l	0.327 ± 0.0221	0.326 ± 0.009	0.0506	99.7	-0.03
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	0.515 ± 0.004	0.07	115	1.74
Propazine	µg/l	0.222 ± 0.0151	0.227 ± 0.003	0.0321	102	0.32
Sebuthylazine	µg/l	0.35 ± 0.0202	0.352 ± 0.004	0.0379	101	0.11
Simazine	µg/l	0.604 ± 0.0259	0.653 ± 0.01	0.0664	108	1.50
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.888 ± 0.013	0.102	102	0.30
Terbutryn	µg/l	0.161 ± 0.0117	0.182 ± 0.009	0.0241	113	0.98

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.111 ± 0.008	0.0183	91	-0.61
Alachlor	µg/l	0.527 ± 0.0223	0.527 ± 0.01	0.0633	100	0.00
Atrazine	µg/l	0.69 ± 0.0305	0.694 ± 0.011	0.0763	101	0.11
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.183 ± 0.009	0.0293	106	0.56
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.748 ± 0.015	0.113	99	-0.15

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	- ± -	0.0447	-	-
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	- ± -	0.027	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	- ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.308 ± 0.009	0.0451	109	1.00
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	- ± -	0.12	-	-
Metolachlor	µg/l	0.164 ± 0.0112	0.154 ± 0.009	0.0263	94.1	-0.46
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-	-
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	0.588 ± 0.009	0.0781	113	1.51
Propazine	µg/l	0.296 ± 0.0198	0.274 ± 0.003	0.042	92.6	-1.05
Sebuthylazine	µg/l	0.365 ± 0.0236	0.352 ± 0.004	0.0441	96.5	-0.52
Simazine	µg/l	0.101 ± 0.00575	0.113 ± 0.01	0.0129	112	0.56
Terbuthylazine	µg/l	0.239 ± 0.0159	0.234 ± 0.008	0.0389	97.9	-0.22
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.248 ± 0.006	0.0325	99.2	-0.11
Terbutryn	µg/l	0.527 ± 0.0493	0.599 ± 0.018	0.102	114	1.18



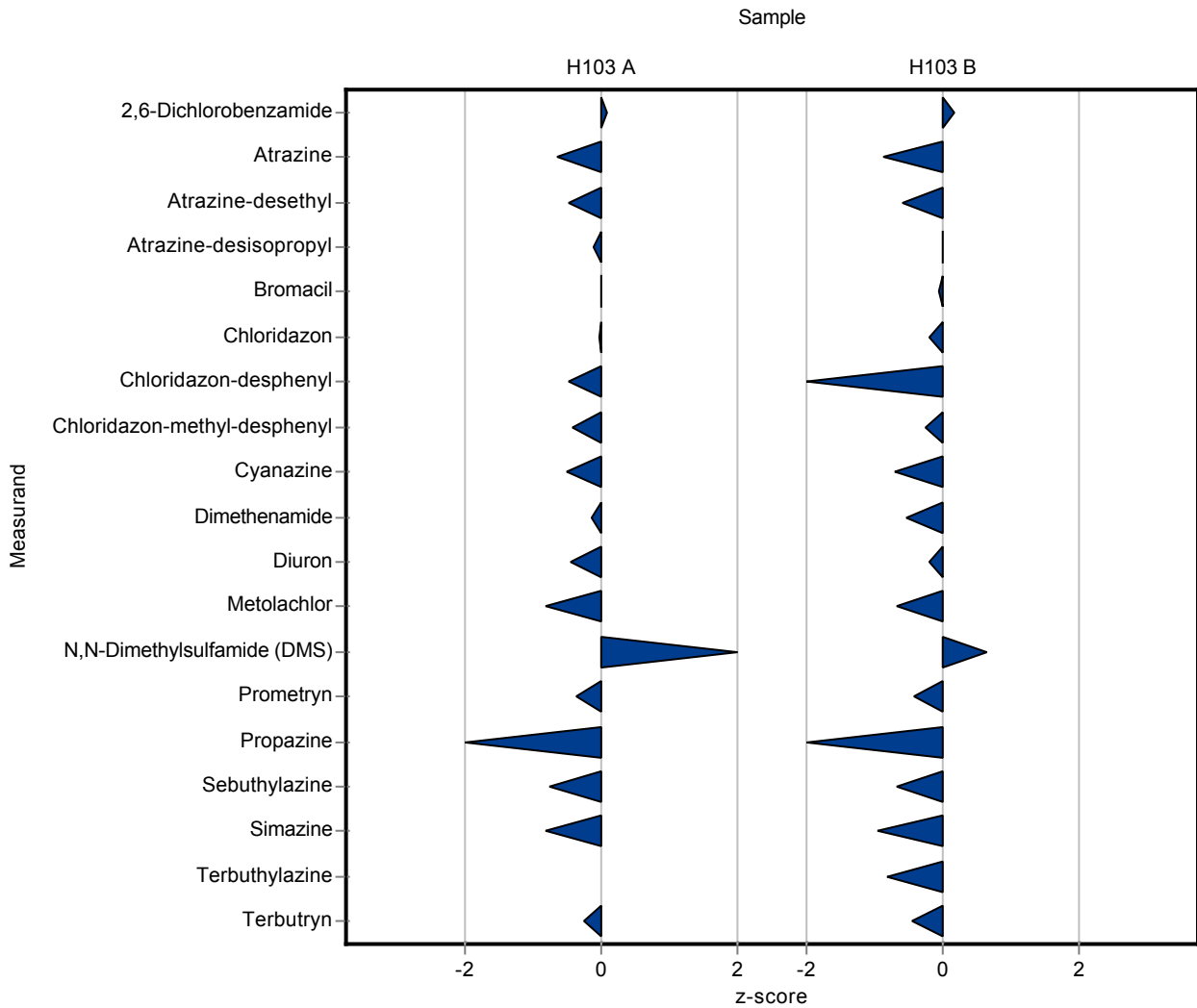
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.431 ± 0.047	0.0837	102	0.08
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.14 ± 0.028	0.0166	92.8	-0.66
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.61 ± 0.073	0.113	91.8	-0.48
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.792 ± 0.15	0.121	98.2	-0.12
Bromacil	µg/l	0.322 ± 0.0231	0.321 ± 0.077	0.045	99.8	-0.01
Chloridazon	µg/l	0.119 ± 0.00542	0.118 ± 0.027	0.0154	99.5	-0.04
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.477 ± 0.129	0.0554	94.7	-0.49
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.09 ± 0.025	0.0165	92.7	-0.43
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.384 ± 0.15	0.0669	91.9	-0.51
Dimethenamide	µg/l	0.673 ± 0.0571	0.658 ± 0.125	0.0988	97.8	-0.15
Diuron	µg/l	0.256 ± 0.0132	0.239 ± 0.05	0.0358	93.5	-0.47
Metolachlor	µg/l	0.327 ± 0.0221	0.286 ± 0.049	0.0506	87.5	-0.81
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.565 ± 0.181	0.0685	124	1.58
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	0.423 ± 0.08	0.07	94.4	-0.36
Propazine	µg/l	0.222 ± 0.0151	0.184 ± 0.033	0.0321	83	-1.18
Sebuthylazine	µg/l	0.35 ± 0.0202	0.321 ± 0.064	0.0379	91.8	-0.75
Simazine	µg/l	0.604 ± 0.0259	0.55 ± 0.066	0.0664	91.1	-0.81
Terbutylazine	µg/l	- ± -	<0.005 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	- ± -	0.102	-	-
Terbutryn	µg/l	0.161 ± 0.0117	0.155 ± 0.028	0.0241	96.3	-0.25

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.125 ± 0.014	0.0183	103	0.17
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.623 ± 0.125	0.0763	90.3	-0.88
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.155 ± 0.019	0.0293	90.1	-0.58
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.755 ± 0.143	0.113	99.9	-0.01

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.266 ± 0.064	0.0417	99.3	-0.04
Chloridazon	µg/l	0.332 ± 0.02	0.324 ± 0.075	0.0447	97.5	-0.18
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.217 ± 0.059	0.027	88.5	-1.04
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.018 ± 0.005	0.0064	92.3	-0.24
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.251 ± 0.098	0.0451	89	-0.69
Dimethenamide	µg/l	0.354 ± 0.026	0.329 ± 0.063	0.0469	93	-0.53
Diuron	µg/l	0.86 ± 0.0461	0.836 ± 0.176	0.12	97.2	-0.20
Metolachlor	µg/l	0.164 ± 0.0112	0.146 ± 0.025	0.0263	89.2	-0.67
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.862 ± 0.276	0.118	110	0.65
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	0.486 ± 0.092	0.0781	93.6	-0.43
Propazine	µg/l	0.296 ± 0.0198	0.241 ± 0.043	0.042	81.5	-1.30
Sebuthylazine	µg/l	0.365 ± 0.0236	0.335 ± 0.067	0.0441	91.8	-0.68
Simazine	µg/l	0.101 ± 0.00575	0.089 ± 0.011	0.0129	87.9	-0.95
Terbuthylazine	µg/l	0.239 ± 0.0159	0.208 ± 0.035	0.0389	87	-0.80
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	- ± -	0.0325	-	-
Terbutryn	µg/l	0.527 ± 0.0493	0.481 ± 0.087	0.102	91.2	-0.46



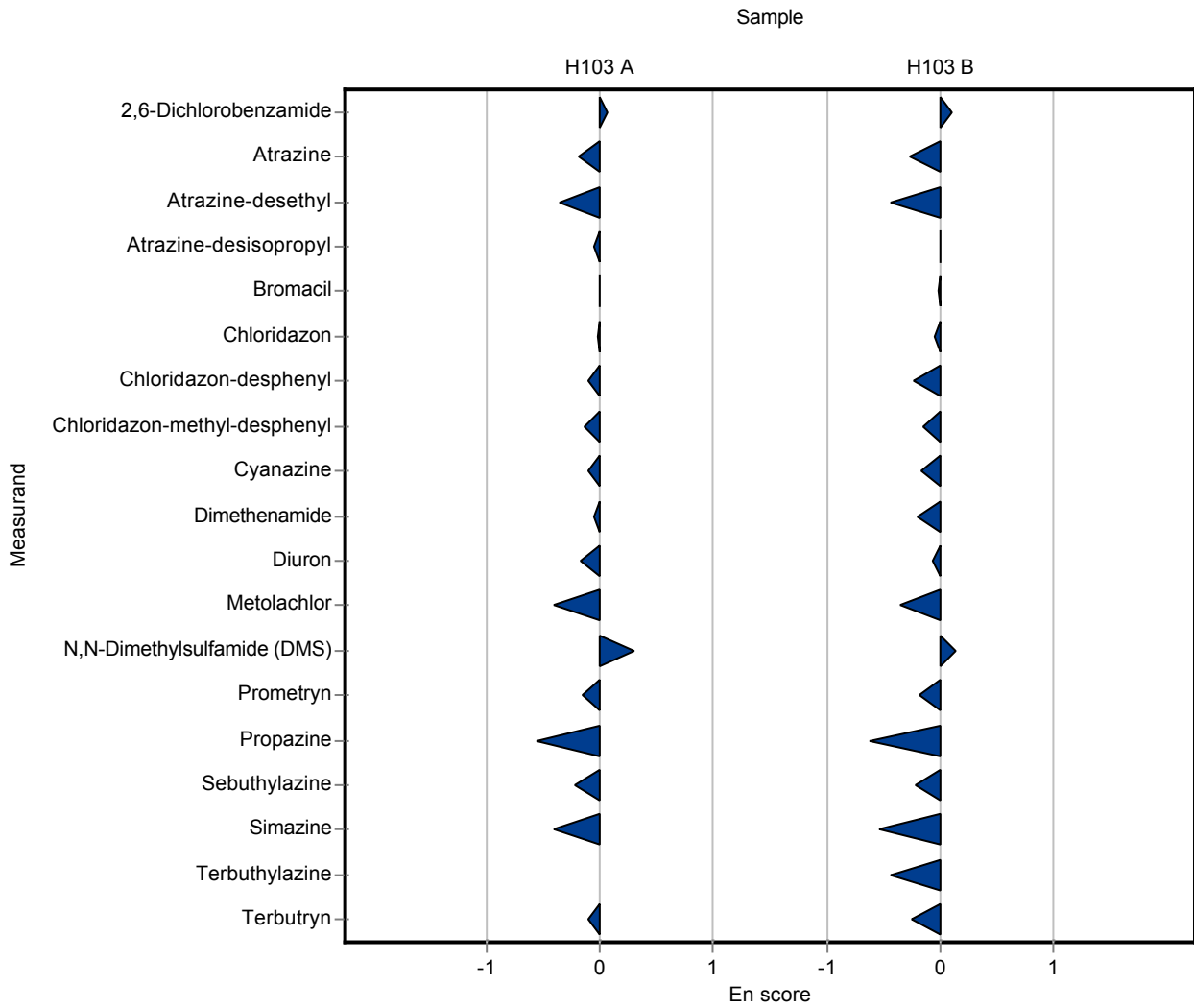
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.431 ± 0.047	0.0837	102	0.07
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.14 ± 0.028	0.0166	92.8	-0.19
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.61 ± 0.073	0.113	91.8	-0.36
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.792 ± 0.15	0.121	98.2	-0.05
Bromacil	µg/l	0.322 ± 0.0231	0.321 ± 0.077	0.045	99.8	0.00
Chloridazon	µg/l	0.119 ± 0.00542	0.118 ± 0.027	0.0154	99.5	-0.01
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.477 ± 0.129	0.0554	94.7	-0.10
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.09 ± 0.025	0.0165	92.7	-0.14
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.384 ± 0.15	0.0669	91.9	-0.11
Dimethenamide	µg/l	0.673 ± 0.0571	0.658 ± 0.125	0.0988	97.8	-0.06
Diuron	µg/l	0.256 ± 0.0132	0.239 ± 0.05	0.0358	93.5	-0.17
Metolachlor	µg/l	0.327 ± 0.0221	0.286 ± 0.049	0.0506	87.5	-0.41
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.565 ± 0.181	0.0685	124	0.30
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	0.423 ± 0.08	0.07	94.4	-0.15
Propazine	µg/l	0.222 ± 0.0151	0.184 ± 0.033	0.0321	83	-0.56
Sebuthylazine	µg/l	0.35 ± 0.0202	0.321 ± 0.064	0.0379	91.8	-0.22
Simazine	µg/l	0.604 ± 0.0259	0.55 ± 0.066	0.0664	91.1	-0.40
Terbutylazine	µg/l	- ± -	<0.005 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	- ± -	0.102	-	-
Terbutryn	µg/l	0.161 ± 0.0117	0.155 ± 0.028	0.0241	96.3	-0.10

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.125 ± 0.014	0.0183	103	0.11
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.623 ± 0.125	0.0763	90.3	-0.27
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.155 ± 0.019	0.0293	90.1	-0.44
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.755 ± 0.143	0.113	99.9	0.00

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	0.266 ± 0.064	0.0417	99.3	-0.01
Chloridazon	µg/l	0.332 ± 0.02	0.324 ± 0.075	0.0447	97.5	-0.05
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.217 ± 0.059	0.027	88.5	-0.24
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.018 ± 0.005	0.0064	92.3	-0.14
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.251 ± 0.098	0.0451	89	-0.16
Dimethenamide	µg/l	0.354 ± 0.026	0.329 ± 0.063	0.0469	93	-0.19
Diuron	µg/l	0.86 ± 0.0461	0.836 ± 0.176	0.12	97.2	-0.07
Metolachlor	µg/l	0.164 ± 0.0112	0.146 ± 0.025	0.0263	89.2	-0.35
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.862 ± 0.276	0.118	110	0.14
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	0.486 ± 0.092	0.0781	93.6	-0.18
Propazine	µg/l	0.296 ± 0.0198	0.241 ± 0.043	0.042	81.5	-0.62
Sebuthylazine	µg/l	0.365 ± 0.0236	0.335 ± 0.067	0.0441	91.8	-0.22
Simazine	µg/l	0.101 ± 0.00575	0.089 ± 0.011	0.0129	87.9	-0.54
Terbuthylazine	µg/l	0.239 ± 0.0159	0.208 ± 0.035	0.0389	87	-0.43
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	- ± -	0.0325	-	-
Terbutryn	µg/l	0.527 ± 0.0493	0.481 ± 0.087	0.102	91.2	-0.26



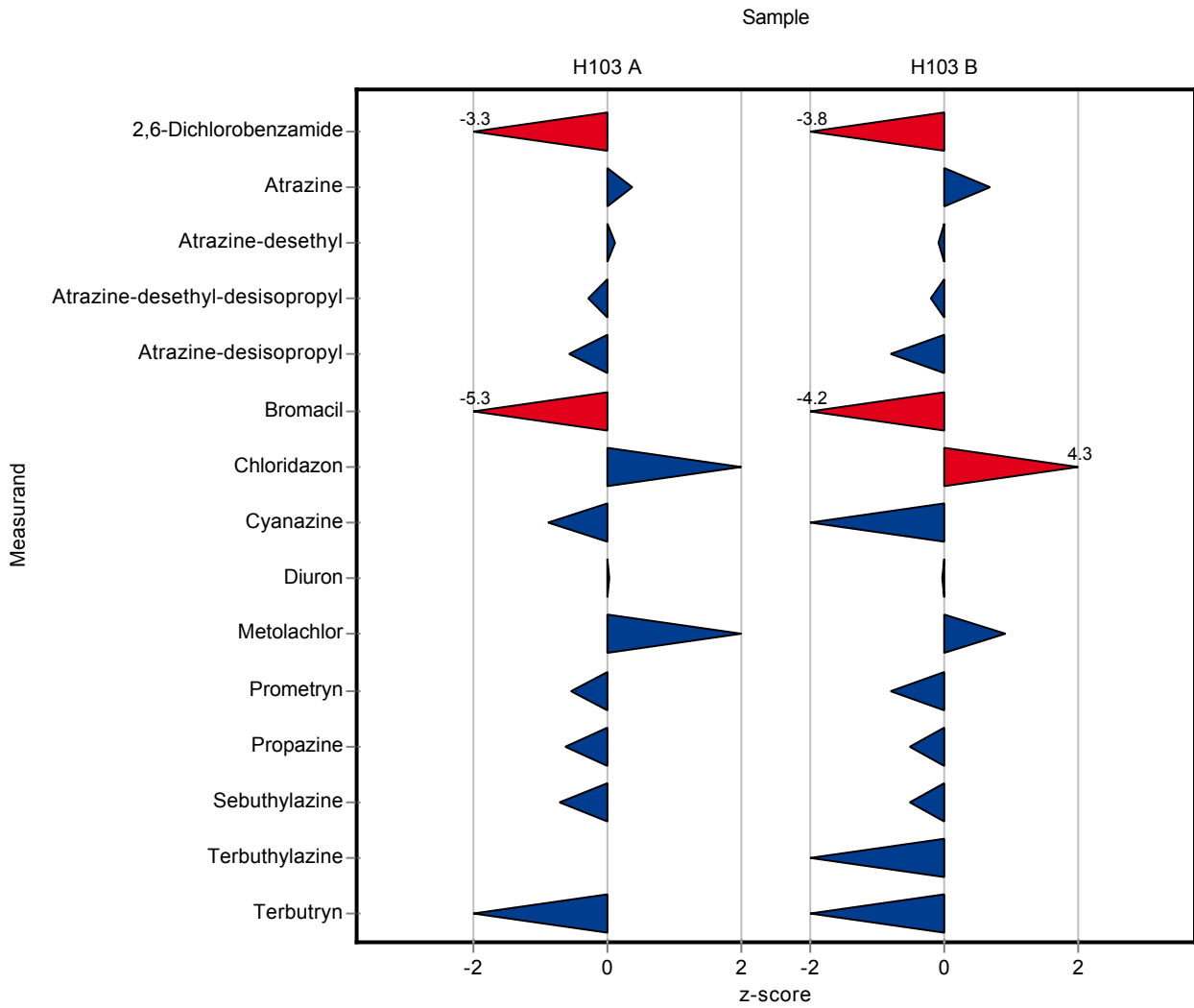
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.148 ± 0.044	0.0837	34.9	-3.30
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.157 ± 0.047	0.0166	104	0.37
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.676 ± 0.203	0.113	102	0.10
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.093 ± 0.028	0.0528	85.2	-0.31
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.737 ± 0.221	0.121	91.4	-0.57
Bromacil	µg/l	0.322 ± 0.0231	0.082 ± 0.024	0.045	25.5	-5.32
Chloridazon	µg/l	0.119 ± 0.00542	0.138 ± 0.041	0.0154	116	1.25
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	- ± -	0.0554	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	- ± -	0.0165	-	-
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.359 ± 0.108	0.0669	85.9	-0.88
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.256 ± 0.077	0.0358	100	0.01
Metolachlor	µg/l	0.327 ± 0.0221	0.399 ± 0.12	0.0506	122	1.42
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	0.41 ± 0.123	0.07	91.5	-0.55
Propazine	µg/l	0.222 ± 0.0151	0.201 ± 0.06	0.0321	90.6	-0.65
Sebuthylazine	µg/l	0.35 ± 0.0202	0.322 ± 0.097	0.0379	92.1	-0.73
Simazine	µg/l	0.604 ± 0.0259	- ± -	0.0664	-	-
Terbutylazine	µg/l	- ± -	<0.005 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	- ± -	0.102	-	-
Terbutryn	µg/l	0.161 ± 0.0117	0.132 ± 0.04	0.0241	82	-1.20

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.052 ± 0.016	0.0183	42.7	-3.82
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.742 ± 0.222	0.0763	108	0.68
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.17 ± 0.051	0.0293	98.8	-0.07
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.194 ± 0.058	0.0656	93.8	-0.20
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.667 ± 0.2	0.113	88.3	-0.78

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.093 ± 0.028	0.0417	34.7	-4.19
Chloridazon	µg/l	0.332 ± 0.02	0.525 ± 0.157	0.0447	158	4.31
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	- ± -	0.027	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	- ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.23 ± 0.069	0.0451	81.6	-1.15
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	0.859 ± 0.258	0.12	99.9	-0.01
Metolachlor	µg/l	0.164 ± 0.0112	0.188 ± 0.056	0.0263	115	0.92
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-	-
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	0.458 ± 0.137	0.0781	88.2	-0.79
Propazine	µg/l	0.296 ± 0.0198	0.275 ± 0.083	0.042	93	-0.49
Sebuthylazine	µg/l	0.365 ± 0.0236	0.343 ± 0.103	0.0441	94	-0.49
Simazine	µg/l	0.101 ± 0.00575	- ± -	0.0129	-	-
Terbuthylazine	µg/l	0.239 ± 0.0159	0.194 ± 0.058	0.0389	81.2	-1.16
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	- ± -	0.0325	-	-
Terbutryn	µg/l	0.527 ± 0.0493	0.344 ± 0.103	0.102	65.3	-1.80



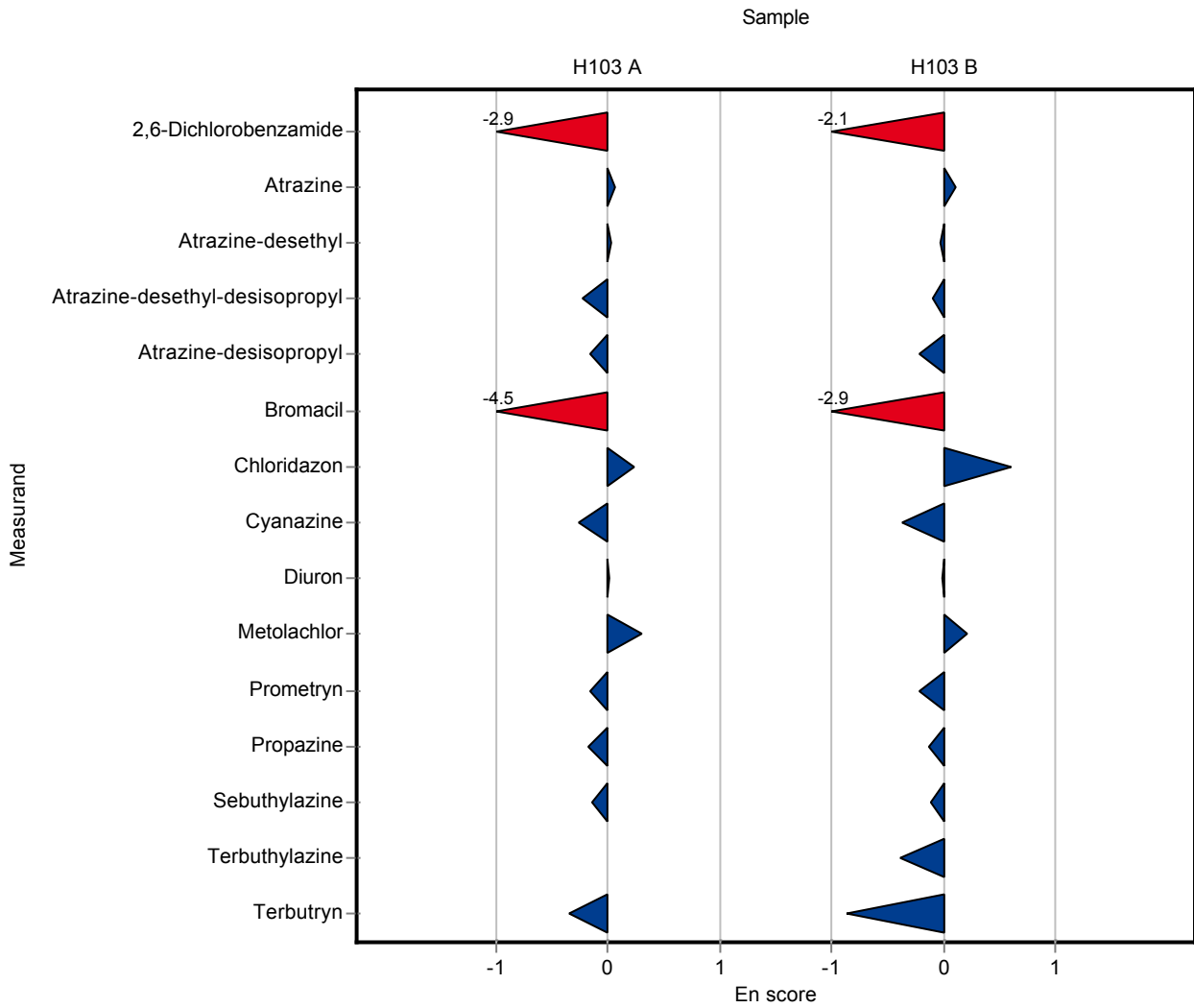
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.148 ± 0.044	0.0837	34.9	-2.91
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.157 ± 0.047	0.0166	104	0.06
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.676 ± 0.203	0.113	102	0.03
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.093 ± 0.028	0.0528	85.2	-0.23
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.737 ± 0.221	0.121	91.4	-0.16
Bromacil	µg/l	0.322 ± 0.0231	0.082 ± 0.024	0.045	25.5	-4.50
Chloridazon	µg/l	0.119 ± 0.00542	0.138 ± 0.041	0.0154	116	0.23
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	- ± -	0.0554	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	- ± -	0.0165	-	-
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.359 ± 0.108	0.0669	85.9	-0.27
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.256 ± 0.077	0.0358	100	0.00
Metolachlor	µg/l	0.327 ± 0.0221	0.399 ± 0.12	0.0506	122	0.30
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	0.41 ± 0.123	0.07	91.5	-0.15
Propazine	µg/l	0.222 ± 0.0151	0.201 ± 0.06	0.0321	90.6	-0.17
Sebuthylazine	µg/l	0.35 ± 0.0202	0.322 ± 0.097	0.0379	92.1	-0.14
Simazine	µg/l	0.604 ± 0.0259	- ± -	0.0664	-	-
Terbutylazine	µg/l	- ± -	<0.005 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	- ± -	0.102	-	-
Terbutryn	µg/l	0.161 ± 0.0117	0.132 ± 0.04	0.0241	82	-0.36

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.052 ± 0.016	0.0183	42.7	-2.12
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.742 ± 0.222	0.0763	108	0.12
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.17 ± 0.051	0.0293	98.8	-0.02
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.194 ± 0.058	0.0656	93.8	-0.10
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.667 ± 0.2	0.113	88.3	-0.22

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	0.093 ± 0.028	0.0417	34.7	-2.91
Chloridazon	µg/l	0.332 ± 0.02	0.525 ± 0.157	0.0447	158	0.61
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	- ± -	0.027	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	- ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.23 ± 0.069	0.0451	81.6	-0.37
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	0.859 ± 0.258	0.12	99.9	0.00
Metolachlor	µg/l	0.164 ± 0.0112	0.188 ± 0.056	0.0263	115	0.22
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-	-
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	0.458 ± 0.137	0.0781	88.2	-0.22
Propazine	µg/l	0.296 ± 0.0198	0.275 ± 0.083	0.042	93	-0.12
Sebuthylazine	µg/l	0.365 ± 0.0236	0.343 ± 0.103	0.0441	94	-0.10
Simazine	µg/l	0.101 ± 0.00575	- ± -	0.0129	-	-
Terbuthylazine	µg/l	0.239 ± 0.0159	0.194 ± 0.058	0.0389	81.2	-0.38
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	- ± -	0.0325	-	-
Terbutryn	µg/l	0.527 ± 0.0493	0.344 ± 0.103	0.102	65.3	-0.86



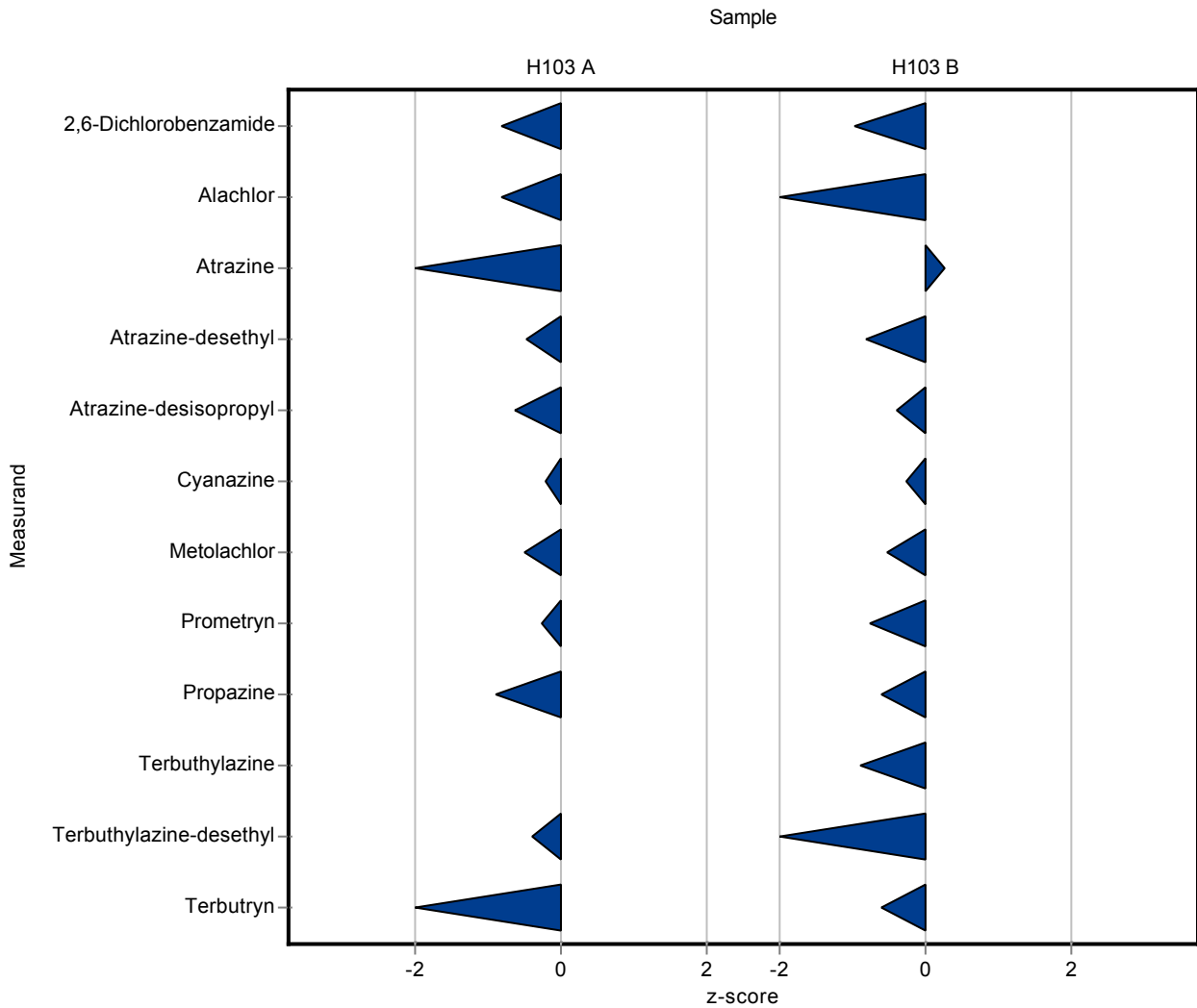
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.356 ± 0.064	0.0837	84	-0.81
Alachlor	µg/l	0.531 ± 0.0183	0.478 ± 0.081	0.0637	90	-0.83
Atrazine	µg/l	0.151 ± 0.00508	0.134 ± 0.021	0.0166	88.8	-1.02
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.612 ± 0.257	0.113	92.1	-0.47
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.73 ± 0.307	0.121	90.5	-0.63
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	- ± -	0.0154	-	-
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	- ± -	0.0554	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	- ± -	0.0165	-	-
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.403 ± 0.129	0.0669	96.4	-0.23
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	- ± -	0.0358	-	-
Metolachlor	µg/l	0.327 ± 0.0221	0.301 ± 0.054	0.0506	92.1	-0.51
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	0.43 ± 0.108	0.07	95.9	-0.26
Propazine	µg/l	0.222 ± 0.0151	0.193 ± 0.041	0.0321	87	-0.90
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	- ± -	0.0664	-	-
Terbutylazine	µg/l	- ± -	<0.05 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.832 ± 0.2	0.102	95.4	-0.39
Terbutryn	µg/l	0.161 ± 0.0117	0.133 ± 0.035	0.0241	82.7	-1.16

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.104 ± 0.019	0.0183	85.3	-0.98
Alachlor	µg/l	0.527 ± 0.0223	0.453 ± 0.077	0.0633	85.9	-1.17
Atrazine	µg/l	0.69 ± 0.0305	0.711 ± 0.114	0.0763	103	0.28
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.148 ± 0.062	0.0293	86	-0.82
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.71 ± 0.298	0.113	93.9	-0.40

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	- ± -	0.0447	-	-
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	- ± -	0.027	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	- ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.27 ± 0.086	0.0451	95.7	-0.27
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	- ± -	0.12	-	-
Metolachlor	µg/l	0.164 ± 0.0112	0.15 ± 0.027	0.0263	91.6	-0.52
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-	-
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	0.46 ± 0.115	0.0781	88.6	-0.76
Propazine	µg/l	0.296 ± 0.0198	0.271 ± 0.057	0.042	91.6	-0.59
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	- ± -	0.0129	-	-
Terbuthylazine	µg/l	0.239 ± 0.0159	0.204 ± 0.033	0.0389	85.3	-0.90
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.215 ± 0.052	0.0325	86	-1.08
Terbutryn	µg/l	0.527 ± 0.0493	0.466 ± 0.121	0.102	88.4	-0.60



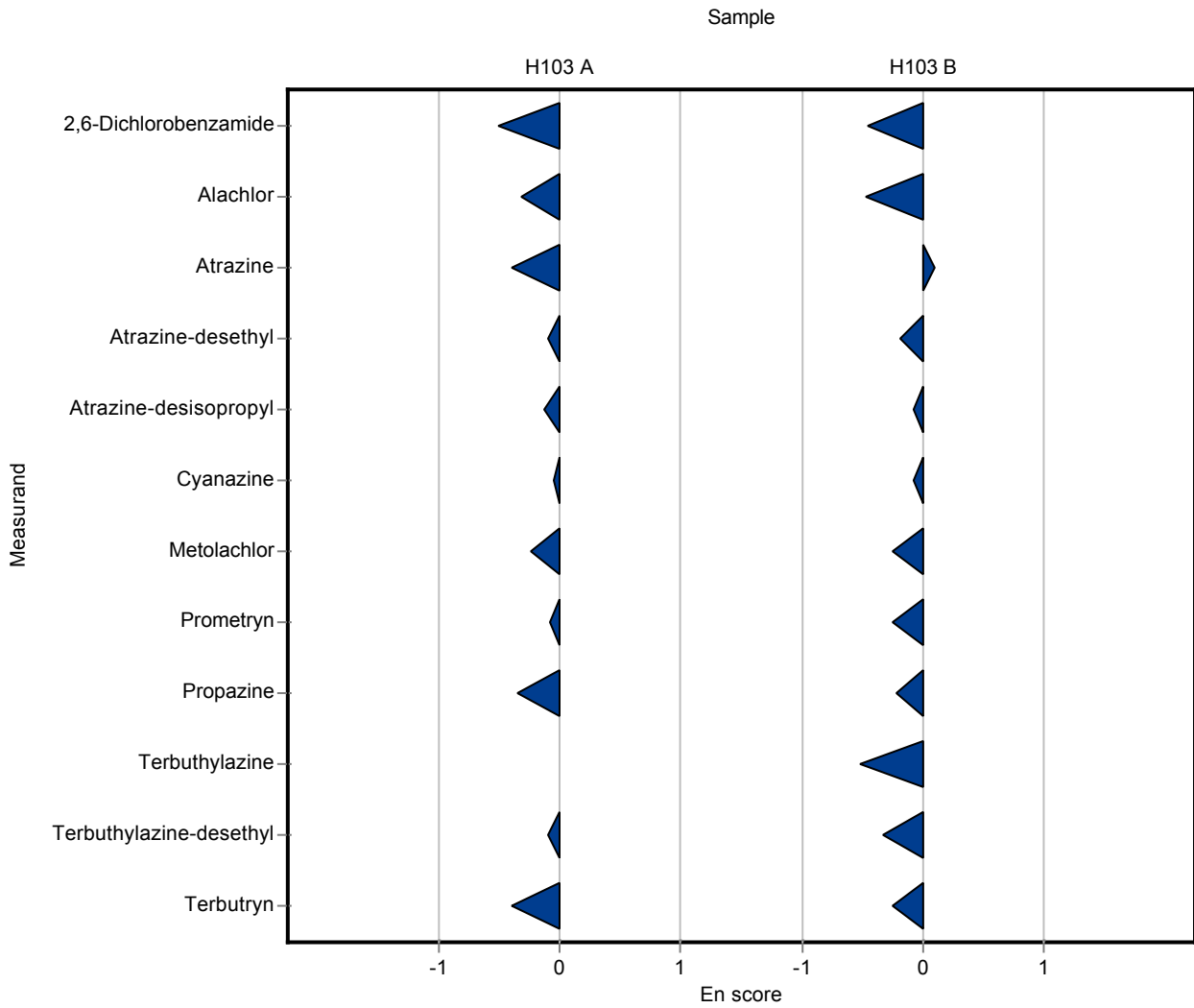
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.356 ± 0.064	0.0837	84	-0.51
Alachlor	µg/l	0.531 ± 0.0183	0.478 ± 0.081	0.0637	90	-0.33
Atrazine	µg/l	0.151 ± 0.00508	0.134 ± 0.021	0.0166	88.8	-0.40
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.612 ± 0.257	0.113	92.1	-0.10
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.73 ± 0.307	0.121	90.5	-0.12
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	- ± -	0.0154	-	-
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	- ± -	0.0554	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	- ± -	0.0165	-	-
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.403 ± 0.129	0.0669	96.4	-0.06
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	- ± -	0.0358	-	-
Metolachlor	µg/l	0.327 ± 0.0221	0.301 ± 0.054	0.0506	92.1	-0.24
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	0.43 ± 0.108	0.07	95.9	-0.08
Propazine	µg/l	0.222 ± 0.0151	0.193 ± 0.041	0.0321	87	-0.34
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	- ± -	0.0664	-	-
Terbutylazine	µg/l	- ± -	<0.05 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.832 ± 0.2	0.102	95.4	-0.10
Terbutryn	µg/l	0.161 ± 0.0117	0.133 ± 0.035	0.0241	82.7	-0.39

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.104 ± 0.019	0.0183	85.3	-0.46
Alachlor	µg/l	0.527 ± 0.0223	0.453 ± 0.077	0.0633	85.9	-0.48
Atrazine	µg/l	0.69 ± 0.0305	0.711 ± 0.114	0.0763	103	0.09
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.148 ± 0.062	0.0293	86	-0.19
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.71 ± 0.298	0.113	93.9	-0.08

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	- ± -	0.0447	-	-
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	- ± -	0.027	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	- ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.27 ± 0.086	0.0451	95.7	-0.07
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	- ± -	0.12	-	-
Metolachlor	µg/l	0.164 ± 0.0112	0.15 ± 0.027	0.0263	91.6	-0.25
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-	-
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	0.46 ± 0.115	0.0781	88.6	-0.25
Propazine	µg/l	0.296 ± 0.0198	0.271 ± 0.057	0.042	91.6	-0.21
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	- ± -	0.0129	-	-
Terbuthylazine	µg/l	0.239 ± 0.0159	0.204 ± 0.033	0.0389	85.3	-0.52
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.215 ± 0.052	0.0325	86	-0.33
Terbutryn	µg/l	0.527 ± 0.0493	0.466 ± 0.121	0.102	88.4	-0.25



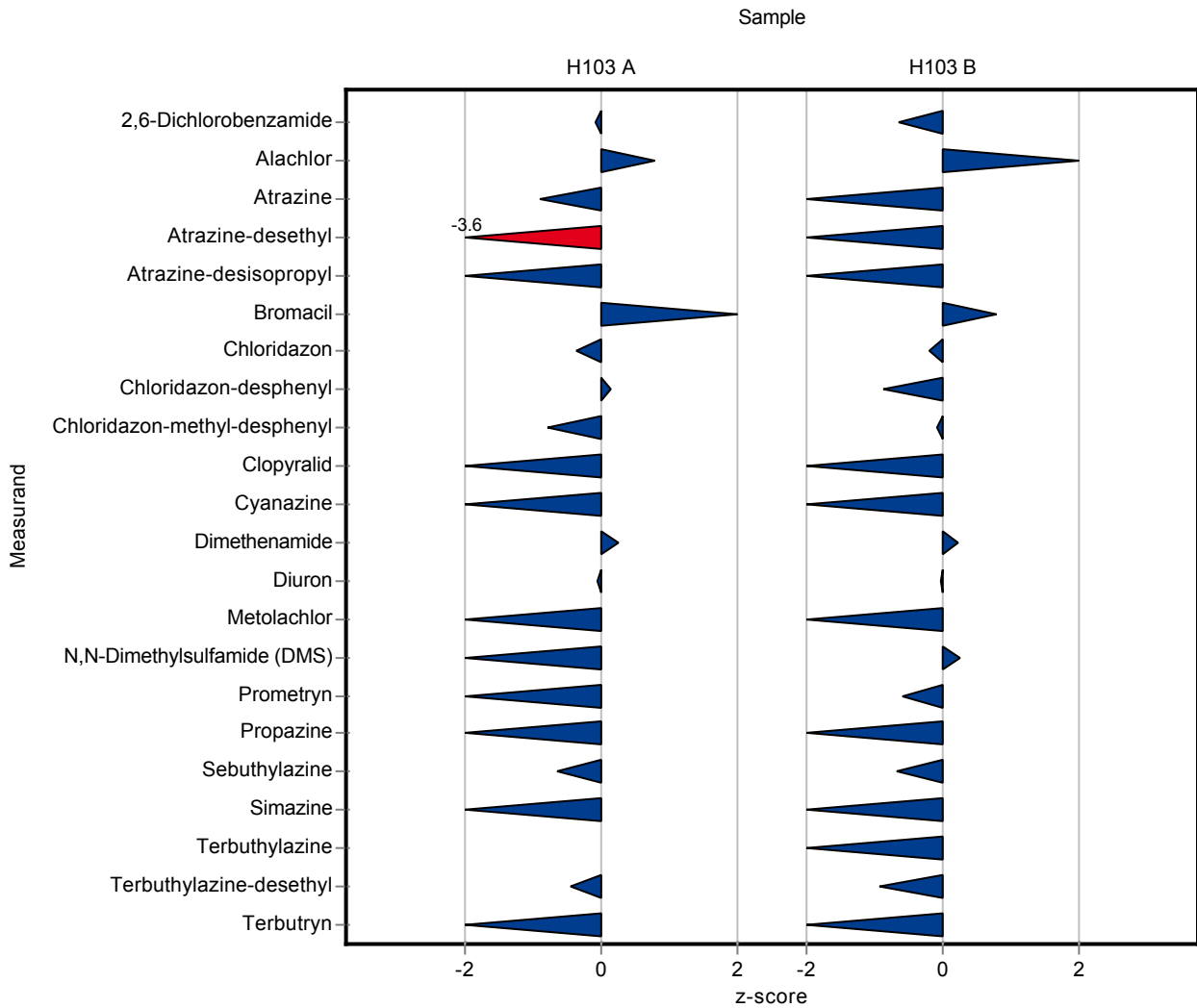
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.416 ± 0.083	0.0837	98.1	-0.10
Alachlor	µg/l	0.531 ± 0.0183	0.581 ± 0.116	0.0637	109	0.78
Atrazine	µg/l	0.151 ± 0.00508	0.136 ± 0.027	0.0166	90.1	-0.90
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.253 ± 0.113	0.113	38.1	-3.64
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.662 ± 0.132	0.121	82.1	-1.19
Bromacil	µg/l	0.322 ± 0.0231	0.378 ± 0.076	0.045	118	1.25
Chloridazon	µg/l	0.119 ± 0.00542	0.113 ± 0.023	0.0154	95.2	-0.37
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.511 ± 0.102	0.0554	101	0.13
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.084 ± 0.017	0.0165	86.5	-0.79
Clopyralid	µg/l	0.277 ± 0.101	0.17 ± 0.034	0.0748	61.4	-1.43
Cyanazine	µg/l	0.418 ± 0.0247	0.338 ± 0.068	0.0669	80.8	-1.20
Dimethenamide	µg/l	0.673 ± 0.0571	0.697 ± 0.139	0.0988	104	0.25
Diuron	µg/l	0.256 ± 0.0132	0.253 ± 0.051	0.0358	99	-0.07
Metolachlor	µg/l	0.327 ± 0.0221	0.234 ± 0.047	0.0506	71.6	-1.84
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.36 ± 0.072	0.0685	78.8	-1.41
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	0.346 ± 0.069	0.07	77.2	-1.46
Propazine	µg/l	0.222 ± 0.0151	0.183 ± 0.037	0.0321	82.5	-1.21
Sebuthylazine	µg/l	0.35 ± 0.0202	0.325 ± 0.065	0.0379	93	-0.65
Simazine	µg/l	0.604 ± 0.0259	0.472 ± 0.094	0.0664	78.2	-1.99
Terbuthylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.826 ± 0.165	0.102	94.7	-0.45
Terbutryn	µg/l	0.161 ± 0.0117	0.129 ± 0.026	0.0241	80.2	-1.33

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.11 ± 0.022	0.0183	90.2	-0.65
Alachlor	µg/l	0.527 ± 0.0223	0.652 ± 0.13	0.0633	124	1.97
Atrazine	µg/l	0.69 ± 0.0305	0.572 ± 0.114	0.0763	82.9	-1.55
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.131 ± 0.026	0.0293	76.1	-1.40
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.572 ± 0.114	0.113	75.7	-1.62

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.301 ± 0.06	0.0417	112	0.80
Chloridazon	µg/l	0.332 ± 0.02	0.324 ± 0.065	0.0447	97.5	-0.18
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.222 ± 0.044	0.027	90.5	-0.86
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.019 ± 0.006	0.0064	97.4	-0.08
Clopyralid	µg/l	0.575 ± 0.191	0.314 ± 0.063	0.155	54.6	-1.68
Cyanazine	µg/l	0.282 ± 0.0187	0.228 ± 0.046	0.0451	80.8	-1.20
Dimethenamide	µg/l	0.354 ± 0.026	0.365 ± 0.073	0.0469	103	0.24
Diuron	µg/l	0.86 ± 0.0461	0.858 ± 0.172	0.12	99.8	-0.02
Metolachlor	µg/l	0.164 ± 0.0112	0.12 ± 0.024	0.0263	73.3	-1.66
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.815 ± 0.163	0.118	104	0.25
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	0.473 ± 0.095	0.0781	91.1	-0.59
Propazine	µg/l	0.296 ± 0.0198	0.238 ± 0.048	0.042	80.5	-1.38
Sebuthylazine	µg/l	0.365 ± 0.0236	0.335 ± 0.067	0.0441	91.8	-0.68
Simazine	µg/l	0.101 ± 0.00575	0.076 ± 0.015	0.0129	75.1	-1.96
Terbuthylazine	µg/l	0.239 ± 0.0159	0.193 ± 0.039	0.0389	80.7	-1.18
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.22 ± 0.044	0.0325	88	-0.92
Terbutryn	µg/l	0.527 ± 0.0493	0.392 ± 0.078	0.102	74.4	-1.33



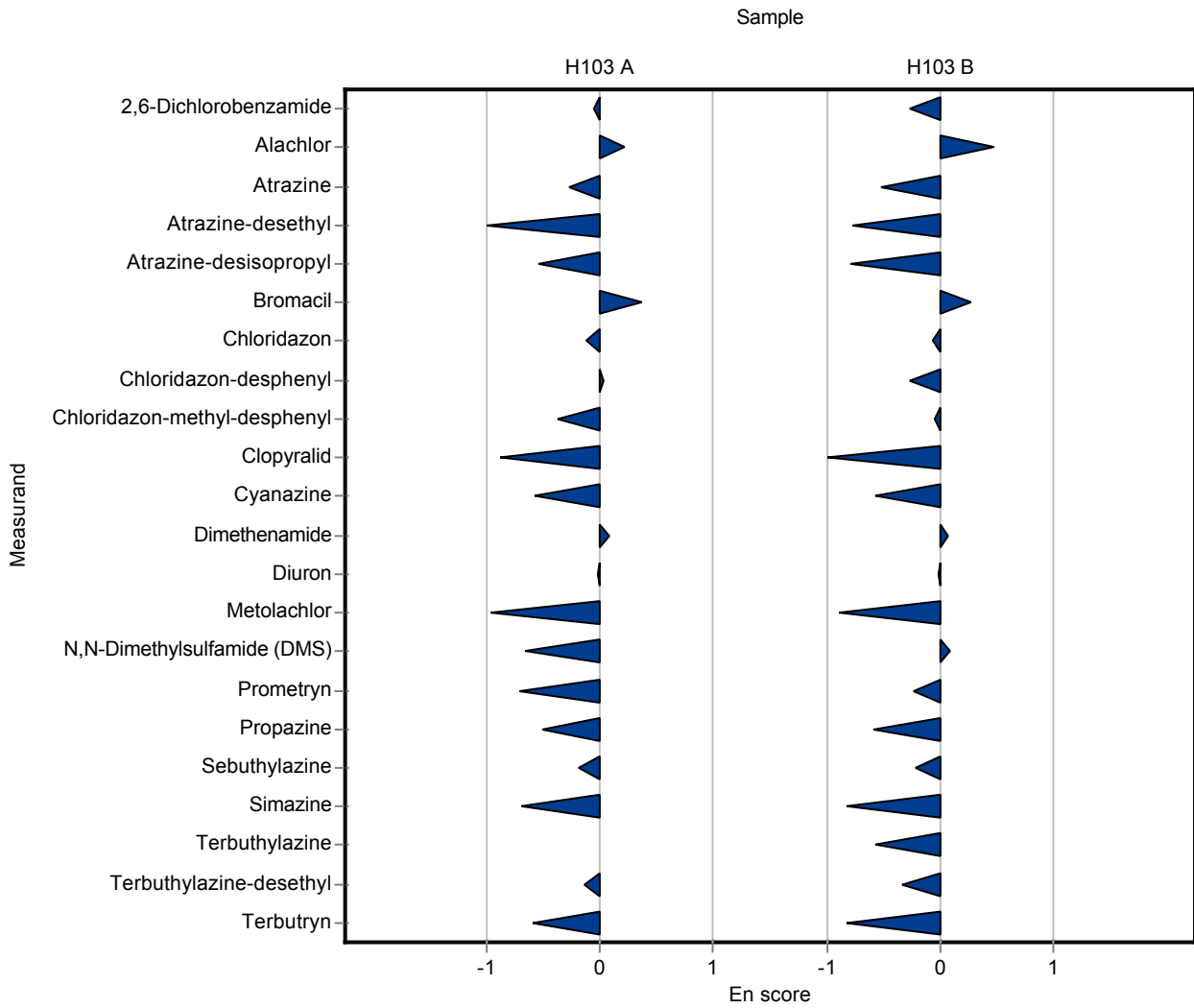
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.416 ± 0.083	0.0837	98.1	-0.05
Alachlor	µg/l	0.531 ± 0.0183	0.581 ± 0.116	0.0637	109	0.21
Atrazine	µg/l	0.151 ± 0.00508	0.136 ± 0.027	0.0166	90.1	-0.28
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.253 ± 0.113	0.113	38.1	-1.80
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.662 ± 0.132	0.121	82.1	-0.54
Bromacil	µg/l	0.322 ± 0.0231	0.378 ± 0.076	0.045	118	0.37
Chloridazon	µg/l	0.119 ± 0.00542	0.113 ± 0.023	0.0154	95.2	-0.12
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.511 ± 0.102	0.0554	101	0.03
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.084 ± 0.017	0.0165	86.5	-0.38
Clopyralid	µg/l	0.277 ± 0.101	0.17 ± 0.034	0.0748	61.4	-0.88
Cyanazine	µg/l	0.418 ± 0.0247	0.338 ± 0.068	0.0669	80.8	-0.58
Dimethenamide	µg/l	0.673 ± 0.0571	0.697 ± 0.139	0.0988	104	0.09
Diuron	µg/l	0.256 ± 0.0132	0.253 ± 0.051	0.0358	99	-0.03
Metolachlor	µg/l	0.327 ± 0.0221	0.234 ± 0.047	0.0506	71.6	-0.96
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.36 ± 0.072	0.0685	78.8	-0.66
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	0.346 ± 0.069	0.07	77.2	-0.71
Propazine	µg/l	0.222 ± 0.0151	0.183 ± 0.037	0.0321	82.5	-0.51
Sebuthylazine	µg/l	0.35 ± 0.0202	0.325 ± 0.065	0.0379	93	-0.19
Simazine	µg/l	0.604 ± 0.0259	0.472 ± 0.094	0.0664	78.2	-0.69
Terbutylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.826 ± 0.165	0.102	94.7	-0.14
Terbutryn	µg/l	0.161 ± 0.0117	0.129 ± 0.026	0.0241	80.2	-0.60

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.11 ± 0.022	0.0183	90.2	-0.27
Alachlor	µg/l	0.527 ± 0.0223	0.652 ± 0.13	0.0633	124	0.48
Atrazine	µg/l	0.69 ± 0.0305	0.572 ± 0.114	0.0763	82.9	-0.51
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.131 ± 0.026	0.0293	76.1	-0.78
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.572 ± 0.114	0.113	75.7	-0.79

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]
Bromacil	µg/l	0.268 ± 0.0215	0.301 ± 0.06	0.0417	112 0.27
Chloridazon	µg/l	0.332 ± 0.02	0.324 ± 0.065	0.0447	97.5 -0.06
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.222 ± 0.044	0.027	90.5 -0.26
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.019 ± 0.006	0.0064	97.4 -0.04
Clopyralid	µg/l	0.575 ± 0.191	0.314 ± 0.063	0.155	54.6 -1.14
Cyanazine	µg/l	0.282 ± 0.0187	0.228 ± 0.046	0.0451	80.8 -0.57
Dimethenamide	µg/l	0.354 ± 0.026	0.365 ± 0.073	0.0469	103 0.08
Diuron	µg/l	0.86 ± 0.0461	0.858 ± 0.172	0.12	99.8 -0.01
Metolachlor	µg/l	0.164 ± 0.0112	0.12 ± 0.024	0.0263	73.3 -0.89
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.815 ± 0.163	0.118	104 0.09
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	- -
Prometryn	µg/l	0.519 ± 0.0417	0.473 ± 0.095	0.0781	91.1 -0.24
Propazine	µg/l	0.296 ± 0.0198	0.238 ± 0.048	0.042	80.5 -0.59
Sebuthylazine	µg/l	0.365 ± 0.0236	0.335 ± 0.067	0.0441	91.8 -0.22
Simazine	µg/l	0.101 ± 0.00575	0.076 ± 0.015	0.0129	75.1 -0.83
Terbuthylazine	µg/l	0.239 ± 0.0159	0.193 ± 0.039	0.0389	80.7 -0.58
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.22 ± 0.044	0.0325	88 -0.34
Terbutryn	µg/l	0.527 ± 0.0493	0.392 ± 0.078	0.102	74.4 -0.83



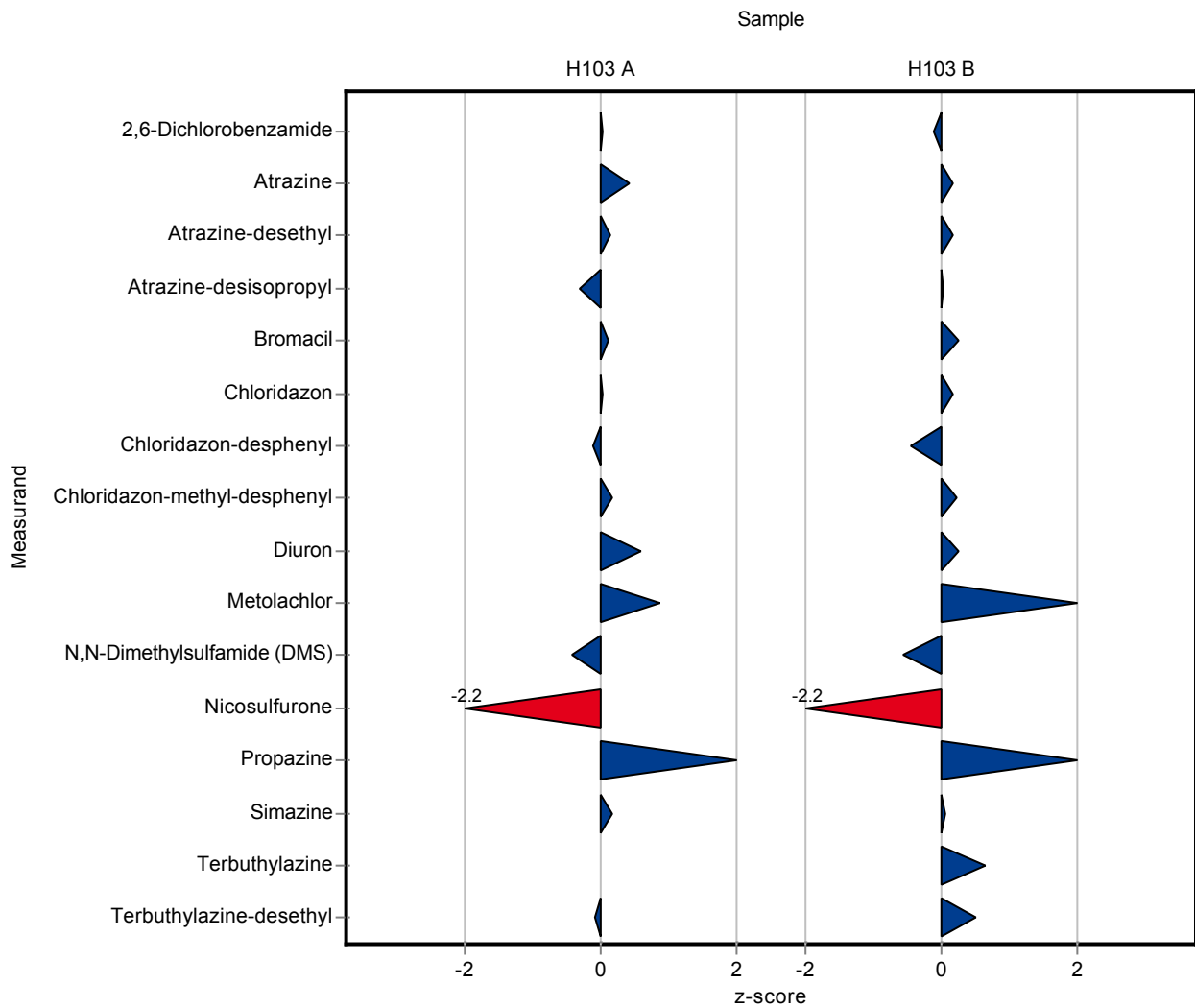
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.425 ± 0.012	0.0837	100	0.01
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.158 ± 0.005	0.0166	105	0.43
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.679 ± 0.014	0.113	102	0.13
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.769 ± 0.016	0.121	95.3	-0.31
Bromacil	µg/l	0.322 ± 0.0231	0.327 ± 0.009	0.045	102	0.12
Chloridazon	µg/l	0.119 ± 0.00542	0.119 ± 0.004	0.0154	100	0.02
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.497 ± 0.008	0.0554	98.6	-0.13
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.1 ± 0.001	0.0165	103	0.18
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.277 ± 0.009	0.0358	108	0.60
Metolachlor	µg/l	0.327 ± 0.0221	0.371 ± 0.004	0.0506	113	0.87
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.428 ± 0.01	0.0685	93.7	-0.42
Nicosulfurone	µg/l	0.171 ± 0.0321	0.055 ± 0.003	0.0533	32.2	-2.17
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	0.278 ± 0.004	0.0321	125	1.75
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.615 ± 0.004	0.0664	102	0.17
Terbuthylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.863 ± 0.017	0.102	98.9	-0.09
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.12 ± 0.012	0.0183	98.4	-0.10
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.703 ± 0.005	0.0763	102	0.17
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.177 ± 0.014	0.0293	103	0.17
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.761 ± 0.016	0.113	101	0.05

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.278 ± 0.009	0.0417	104	0.24
Chloridazon	µg/l	0.332 ± 0.02	0.34 ± 0.004	0.0447	102	0.17
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.233 ± 0.008	0.027	95	-0.45
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.021 ± 0.001	0.0064	108	0.23
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	0.892 ± 0.009	0.12	104	0.27
Metolachlor	µg/l	0.164 ± 0.0112	0.192 ± 0.004	0.0263	117	1.07
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.721 ± 0.01	0.118	91.8	-0.55
Nicosulfurone	µg/l	0.287 ± 0.0545	0.091 ± 0.003	0.0903	31.7	-2.18
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	0.351 ± 0.004	0.042	119	1.32
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.102 ± 0.004	0.0129	101	0.06
Terbuthylazine	µg/l	0.239 ± 0.0159	0.264 ± 0.006	0.0389	110	0.64
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.267 ± 0.017	0.0325	107	0.52
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



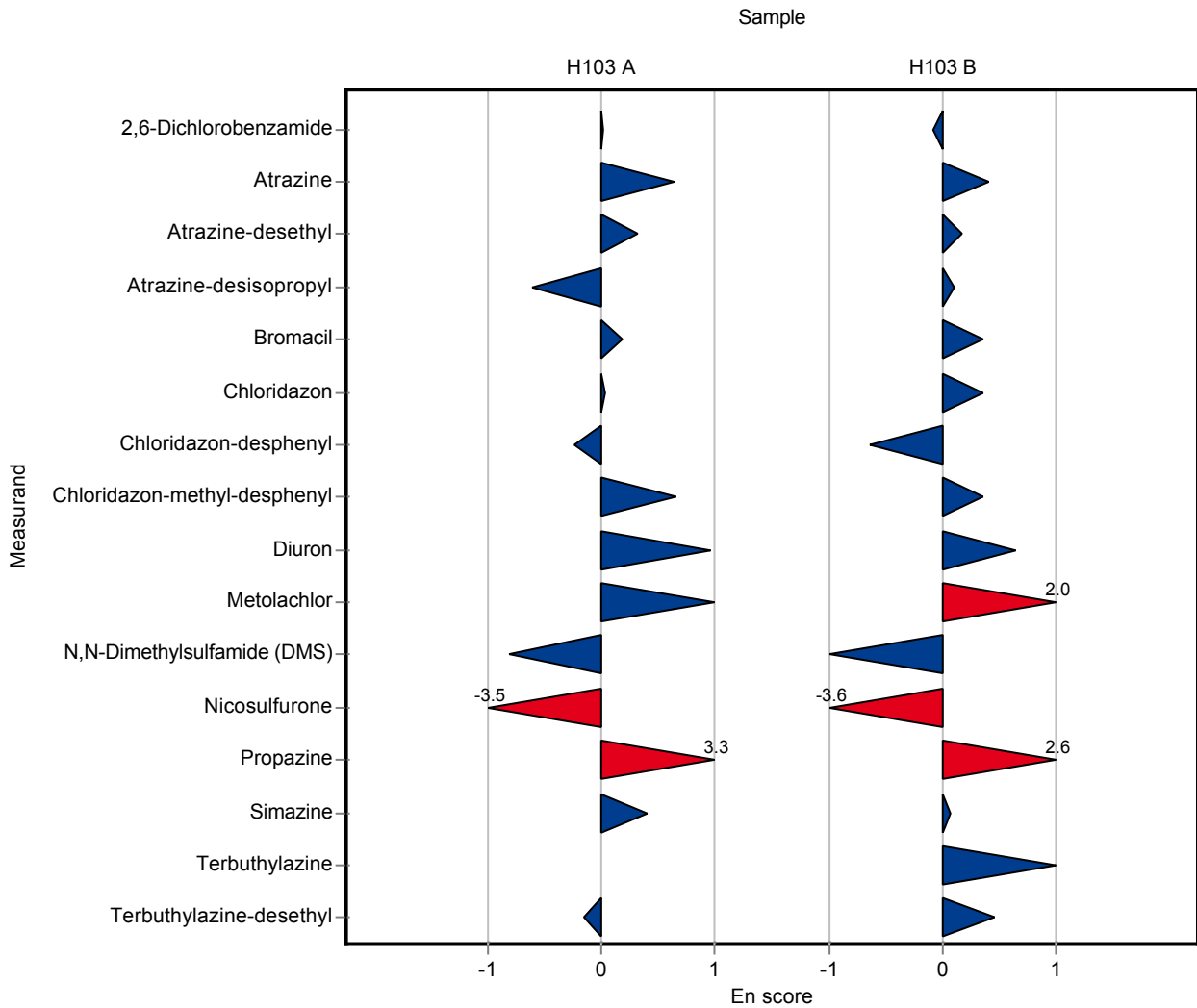
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.425 ± 0.012	0.0837	100	0.02
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.158 ± 0.005	0.0166	105	0.63
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.679 ± 0.014	0.113	102	0.32
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.769 ± 0.016	0.121	95.3	-0.62
Bromacil	µg/l	0.322 ± 0.0231	0.327 ± 0.009	0.045	102	0.18
Chloridazon	µg/l	0.119 ± 0.00542	0.119 ± 0.004	0.0154	100	0.04
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.497 ± 0.008	0.0554	98.6	-0.25
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.1 ± 0.001	0.0165	103	0.66
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.277 ± 0.009	0.0358	108	0.96
Metolachlor	µg/l	0.327 ± 0.0221	0.371 ± 0.004	0.0506	113	1.87
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.428 ± 0.01	0.0685	93.7	-0.81
Nicosulfurone	µg/l	0.171 ± 0.0321	0.055 ± 0.003	0.0533	32.2	-3.54
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	0.278 ± 0.004	0.0321	125	3.28
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.615 ± 0.004	0.0664	102	0.41
Terbutylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.863 ± 0.017	0.102	98.9	-0.16
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.12 ± 0.012	0.0183	98.4	-0.08
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.703 ± 0.005	0.0763	102	0.41
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.177 ± 0.014	0.0293	103	0.17
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.761 ± 0.016	0.113	101	0.10

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Bromacil	µg/l	0.268 ± 0.0215	0.278 ± 0.009	0.0417	104	0.36
Chloridazon	µg/l	0.332 ± 0.02	0.34 ± 0.004	0.0447	102	0.36
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.233 ± 0.008	0.027	95	-0.63
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.021 ± 0.001	0.0064	108	0.36
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	0.892 ± 0.009	0.12	104	0.65
Metolachlor	µg/l	0.164 ± 0.0112	0.192 ± 0.004	0.0263	117	2.05
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.721 ± 0.01	0.118	91.8	-1.11
Nicosulfurone	µg/l	0.287 ± 0.0545	0.091 ± 0.003	0.0903	31.7	-3.59
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	0.351 ± 0.004	0.042	119	2.59
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.102 ± 0.004	0.0129	101	0.08
Terbuthylazine	µg/l	0.239 ± 0.0159	0.264 ± 0.006	0.0389	110	1.26
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.267 ± 0.017	0.0325	107	0.46
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



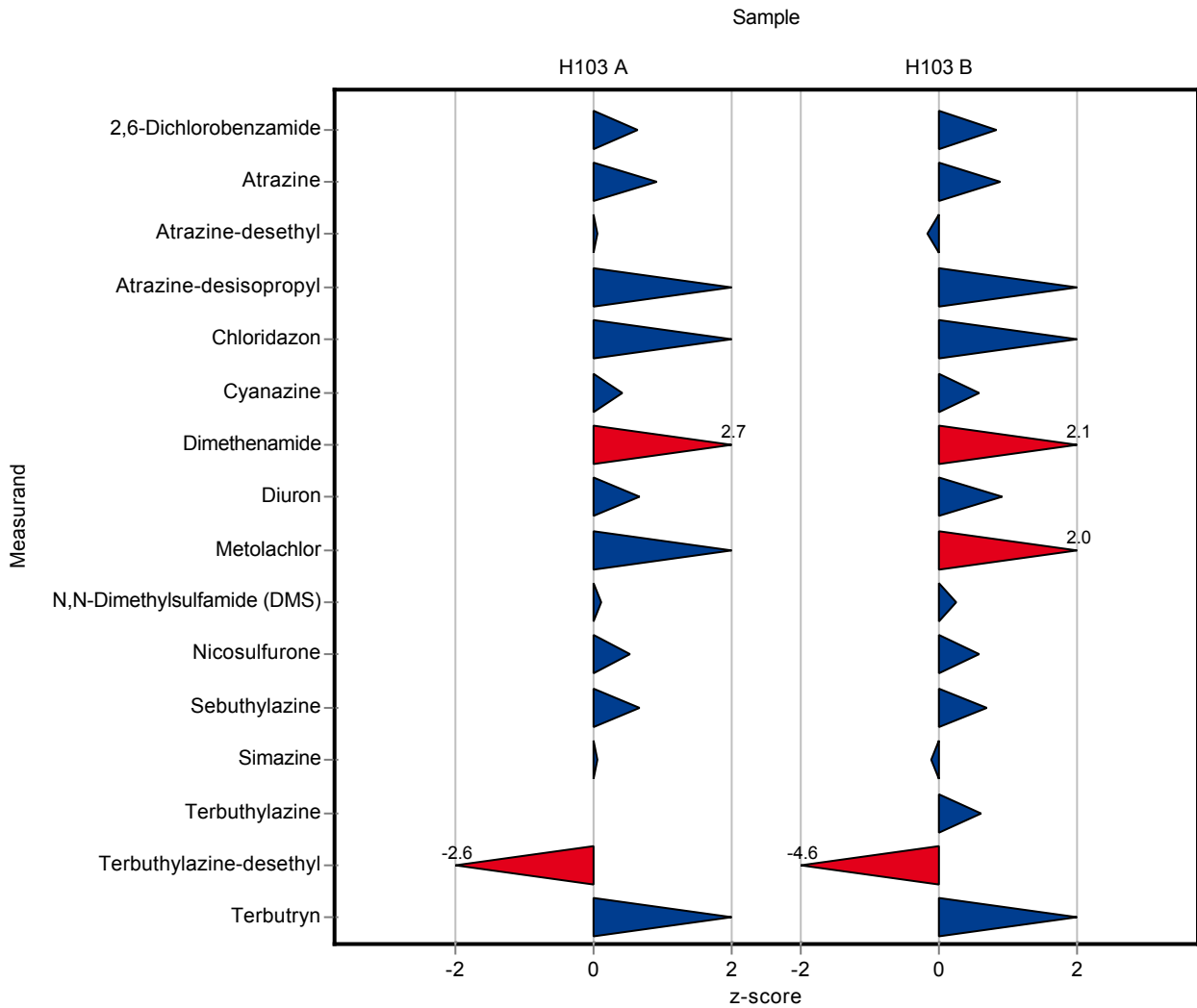
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.478 ± 0.013	0.0837	113	0.64
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.166 ± 0.001	0.0166	110	0.91
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.671 ± 0.012	0.113	101	0.05
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	1.04 ± 0.138	0.121	129	1.92
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	0.137 ± 0.003	0.0154	115	1.19
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	- ± -	0.0554	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	- ± -	0.0165	-	-
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.446 ± 0.009	0.0669	107	0.42
Dimethenamide	µg/l	0.673 ± 0.0571	0.941 ± 0.043	0.0988	140	2.72
Diuron	µg/l	0.256 ± 0.0132	0.28 ± 0.005	0.0358	110	0.68
Metolachlor	µg/l	0.327 ± 0.0221	0.402 ± 0.005	0.0506	123	1.48
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.464 ± 0.014	0.0685	102	0.11
Nicosulfurone	µg/l	0.171 ± 0.0321	0.198 ± 0.004	0.0533	116	0.52
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	0.375 ± 0.015	0.0379	107	0.67
Simazine	µg/l	0.604 ± 0.0259	0.607 ± 0.016	0.0664	101	0.05
Terbuthylazine	µg/l	- ± -	- ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.608 ± 0.007	0.102	69.7	-2.59
Terbutryn	µg/l	0.161 ± 0.0117	0.195 ± 0.004	0.0241	121	1.42

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.137 ± 0.002	0.0183	112	0.82
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.757 ± 0.019	0.0763	110	0.88
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.167 ± 0.006	0.0293	97	-0.17
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.97 ± 0.002	0.113	128	1.89

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	0.386 ± 0.012	0.0447	116	1.20
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	- ± -	0.027	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	- ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.308 ± 0.01	0.0451	109	0.58
Dimethenamide	µg/l	0.354 ± 0.026	0.453 ± 0.014	0.0469	128	2.11
Diuron	µg/l	0.86 ± 0.0461	0.97 ± 0.017	0.12	113	0.91
Metolachlor	µg/l	0.164 ± 0.0112	0.217 ± 0.005	0.0263	133	2.02
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.815 ± 0.054	0.118	104	0.25
Nicosulfurone	µg/l	0.287 ± 0.0545	0.34 ± 0.009	0.0903	118	0.58
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-	-
Sebuthylazine	µg/l	0.365 ± 0.0236	0.396 ± 0.008	0.0441	109	0.71
Simazine	µg/l	0.101 ± 0.00575	0.1 ± 0.004	0.0129	98.8	-0.10
Terbuthylazine	µg/l	0.239 ± 0.0159	0.263 ± 0.011	0.0389	110	0.62
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.101 ± 0.005	0.0325	40.4	-4.58
Terbutryn	µg/l	0.527 ± 0.0493	0.642 ± 0.012	0.102	122	1.13



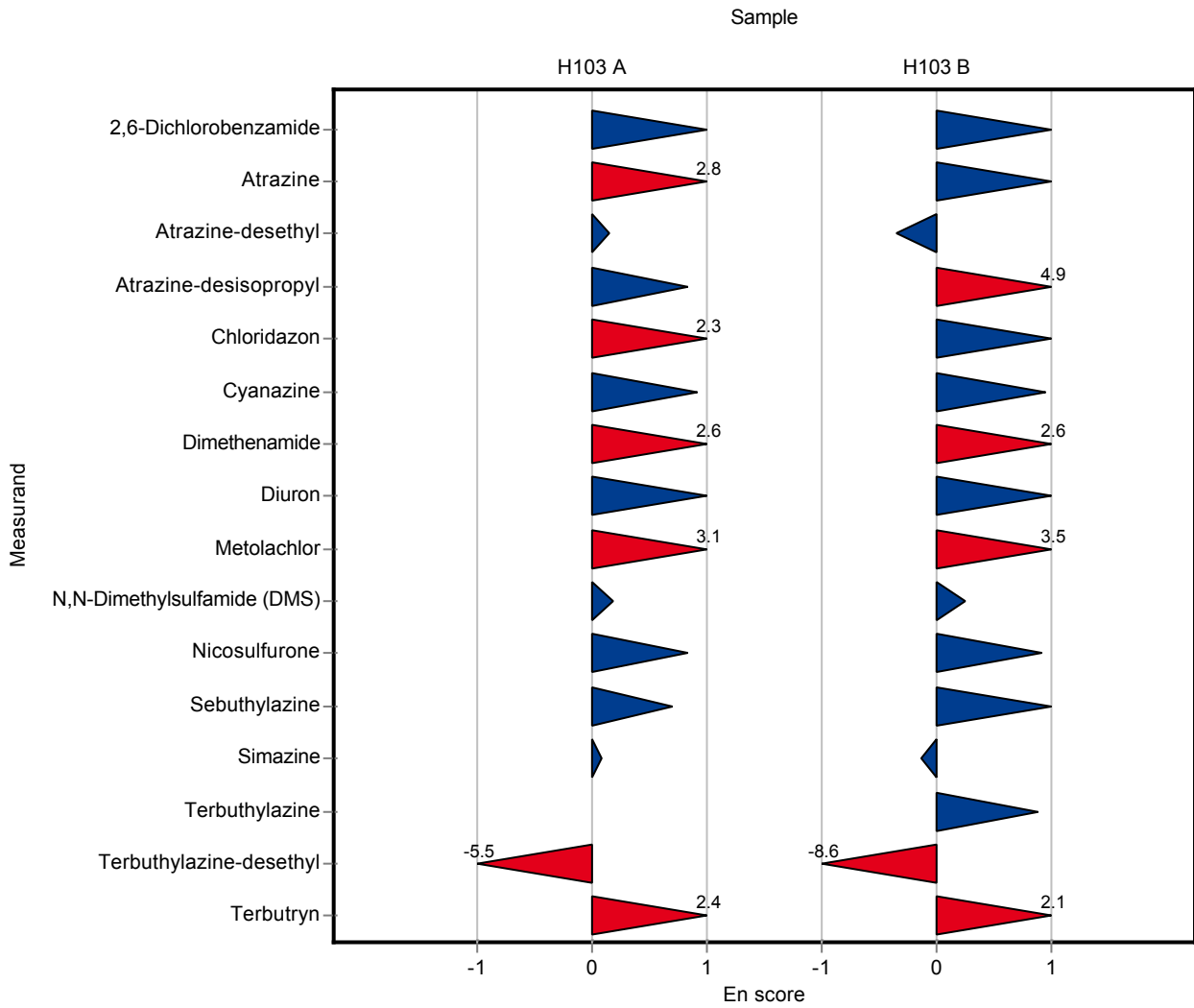
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.478 ± 0.013	0.0837	113	1.22
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.166 ± 0.001	0.0166	110	2.76
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.671 ± 0.012	0.113	101	0.15
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	1.04 ± 0.138	0.121	129	0.83
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	0.137 ± 0.003	0.0154	115	2.27
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	- ± -	0.0554	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	- ± -	0.0165	-	-
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.446 ± 0.009	0.0669	107	0.91
Dimethenamide	µg/l	0.673 ± 0.0571	0.941 ± 0.043	0.0988	140	2.60
Diuron	µg/l	0.256 ± 0.0132	0.28 ± 0.005	0.0358	110	1.47
Metolachlor	µg/l	0.327 ± 0.0221	0.402 ± 0.005	0.0506	123	3.09
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.464 ± 0.014	0.0685	102	0.18
Nicosulfurone	µg/l	0.171 ± 0.0321	0.198 ± 0.004	0.0533	116	0.83
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	0.375 ± 0.015	0.0379	107	0.70
Simazine	µg/l	0.604 ± 0.0259	0.607 ± 0.016	0.0664	101	0.08
Terbuthylazine	µg/l	- ± -	- ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.608 ± 0.007	0.102	69.7	-5.53
Terbutryn	µg/l	0.161 ± 0.0117	0.195 ± 0.004	0.0241	121	2.41

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.137 ± 0.002	0.0183	112	1.71
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.757 ± 0.019	0.0763	110	1.38
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.167 ± 0.006	0.0293	97	-0.36
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.97 ± 0.002	0.113	128	4.88

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-
Chloridazon	µg/l	0.332 ± 0.02	0.386 ± 0.012	0.0447	116
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	- ± -	0.027	-
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	- ± -	0.0064	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-
Cyanazine	µg/l	0.282 ± 0.0187	0.308 ± 0.01	0.0451	109
Dimethenamide	µg/l	0.354 ± 0.026	0.453 ± 0.014	0.0469	128
Diuron	µg/l	0.86 ± 0.0461	0.97 ± 0.017	0.12	113
Metolachlor	µg/l	0.164 ± 0.0112	0.217 ± 0.005	0.0263	133
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.815 ± 0.054	0.118	104
Nicosulfurone	µg/l	0.287 ± 0.0545	0.34 ± 0.009	0.0903	118
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-
Sebuthylazine	µg/l	0.365 ± 0.0236	0.396 ± 0.008	0.0441	109
Simazine	µg/l	0.101 ± 0.00575	0.1 ± 0.004	0.0129	98.8
Terbuthylazine	µg/l	0.239 ± 0.0159	0.263 ± 0.011	0.0389	110
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.101 ± 0.005	0.0325	40.4
Terbutryn	µg/l	0.527 ± 0.0493	0.642 ± 0.012	0.102	122



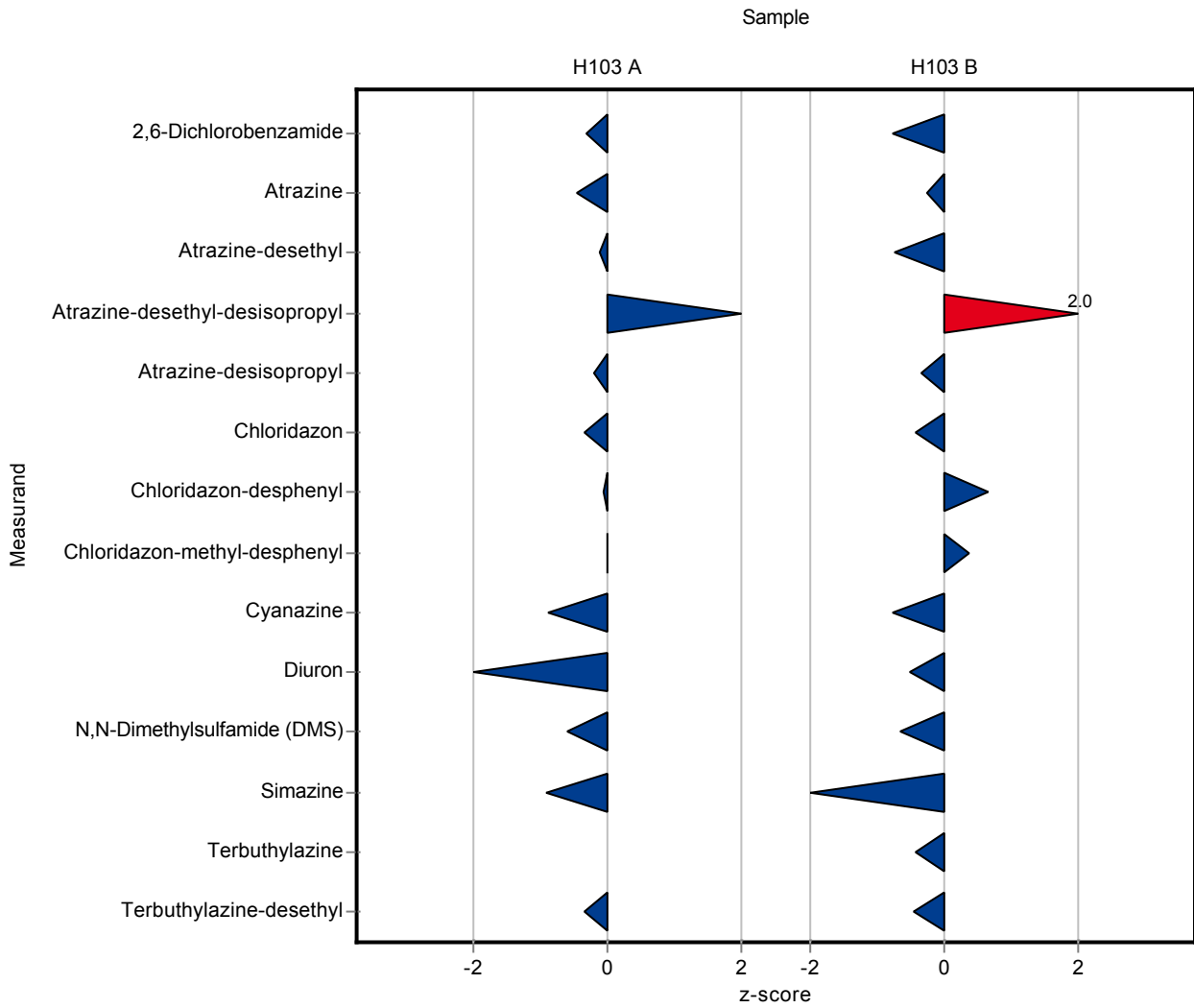
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.398 ± 0.05	0.0837	93.9	-0.31
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.143 ± 0.031	0.0166	94.8	-0.48
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.652 ± 0.108	0.113	98.1	-0.11
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.211 ± 0.052	0.0528	193	1.93
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.782 ± 0.127	0.121	97	-0.20
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	0.113 ± 0.033	0.0154	95.2	-0.37
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.5 ± 0.11	0.0554	99.2	-0.07
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.097 ± 0.029	0.0165	99.9	-0.01
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.359 ± 0.046	0.0669	85.9	-0.88
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.215 ± 0.042	0.0358	84.1	-1.14
Metolachlor	µg/l	0.327 ± 0.0221	- ± -	0.0506	-	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.414 ± 0.134	0.0685	90.6	-0.62
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.542 ± 0.064	0.0664	89.8	-0.93
Terbutylazine	µg/l	- ± -	<0.01 (LOD) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.837 ± 0.177	0.102	96	-0.34
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.108 ± 0.021	0.0183	88.6	-0.76
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.671 ± 0.111	0.0763	97.3	-0.25
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.151 ± 0.033	0.0293	87.7	-0.72
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.341 ± 0.078	0.0656	165	2.05
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.718 ± 0.118	0.113	95	-0.33

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	0.313 ± 0.073	0.0447	94.2	-0.43
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.263 ± 0.063	0.027	107	0.66
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.022 ± 0.014	0.0064	113	0.39
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.248 ± 0.035	0.0451	87.9	-0.75
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	0.8 ± 0.13	0.12	93	-0.50
Metolachlor	µg/l	0.164 ± 0.0112	- ± -	0.0263	-	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.708 ± 0.223	0.118	90.1	-0.66
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-	-
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.087 ± 0.019	0.0129	85.9	-1.11
Terbuthylazine	µg/l	0.239 ± 0.0159	0.223 ± 0.043	0.0389	93.3	-0.41
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.236 ± 0.057	0.0325	94.4	-0.43
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



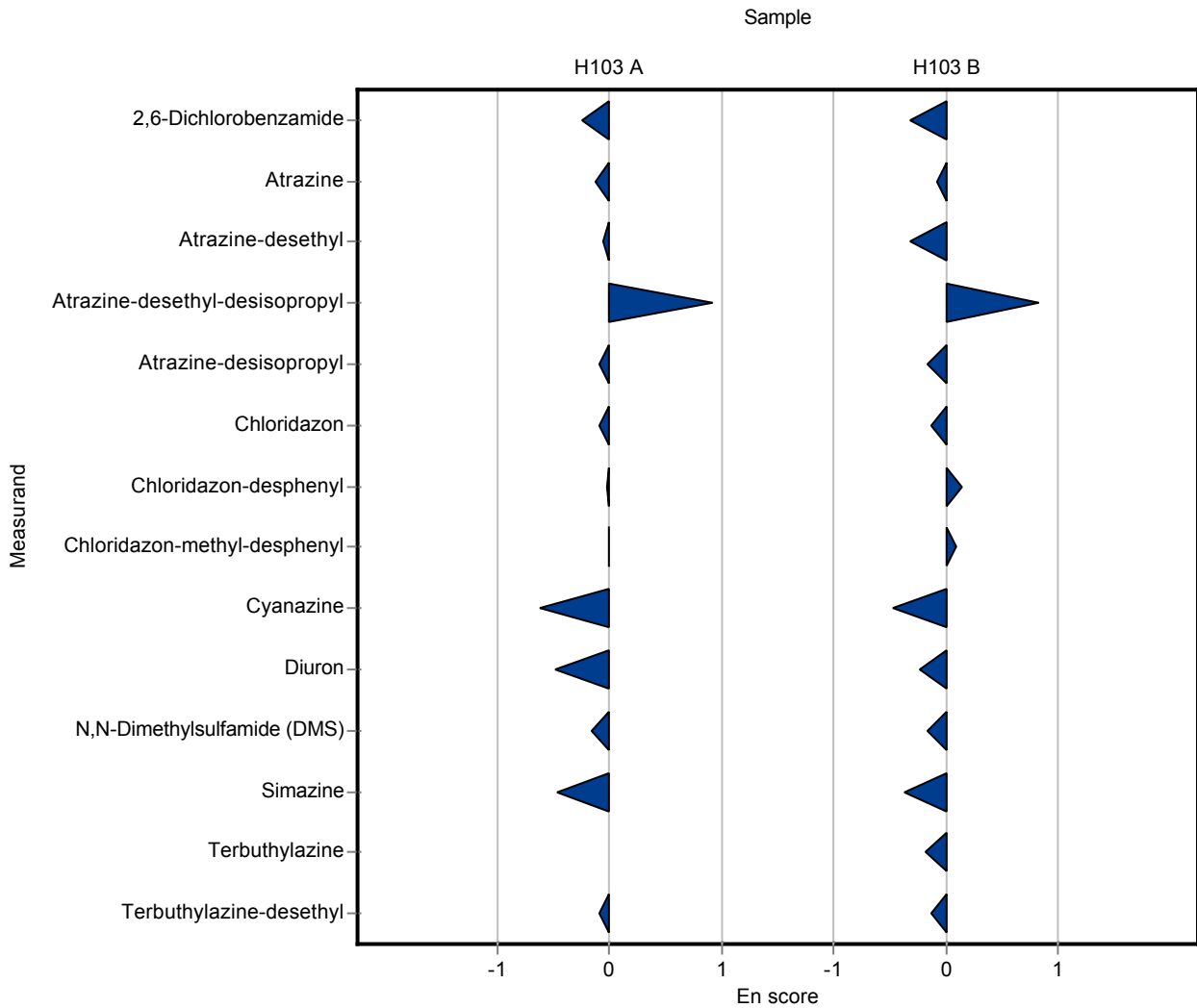
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.398 ± 0.05	0.0837	93.9	-0.24
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.143 ± 0.031	0.0166	94.8	-0.13
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.652 ± 0.108	0.113	98.1	-0.06
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.211 ± 0.052	0.0528	193	0.91
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.782 ± 0.127	0.121	97	-0.09
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	0.113 ± 0.033	0.0154	95.2	-0.09
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.5 ± 0.11	0.0554	99.2	-0.02
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.097 ± 0.029	0.0165	99.9	0.00
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.359 ± 0.046	0.0669	85.9	-0.62
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.215 ± 0.042	0.0358	84.1	-0.48
Metolachlor	µg/l	0.327 ± 0.0221	- ± -	0.0506	-	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.414 ± 0.134	0.0685	90.6	-0.16
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.542 ± 0.064	0.0664	89.8	-0.47
Terbutylazine	µg/l	- ± -	<0.01 (LOD) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.837 ± 0.177	0.102	96	-0.10
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.108 ± 0.021	0.0183	88.6	-0.33
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.671 ± 0.111	0.0763	97.3	-0.08
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.151 ± 0.033	0.0293	87.7	-0.32
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.341 ± 0.078	0.0656	165	0.83
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.718 ± 0.118	0.113	95	-0.16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-
Chloridazon	µg/l	0.332 ± 0.02	0.313 ± 0.073	0.0447	94.2 -0.13
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.263 ± 0.063	0.027	107 0.14
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.022 ± 0.014	0.0064	113 0.09
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-
Cyanazine	µg/l	0.282 ± 0.0187	0.248 ± 0.035	0.0451	87.9 -0.47
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-
Diuron	µg/l	0.86 ± 0.0461	0.8 ± 0.13	0.12	93 -0.23
Metolachlor	µg/l	0.164 ± 0.0112	- ± -	0.0263	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.708 ± 0.223	0.118	90.1 -0.17
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-
Simazine	µg/l	0.101 ± 0.00575	0.087 ± 0.019	0.0129	85.9 -0.37
Terbuthylazine	µg/l	0.239 ± 0.0159	0.223 ± 0.043	0.0389	93.3 -0.18
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.236 ± 0.057	0.0325	94.4 -0.12
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-



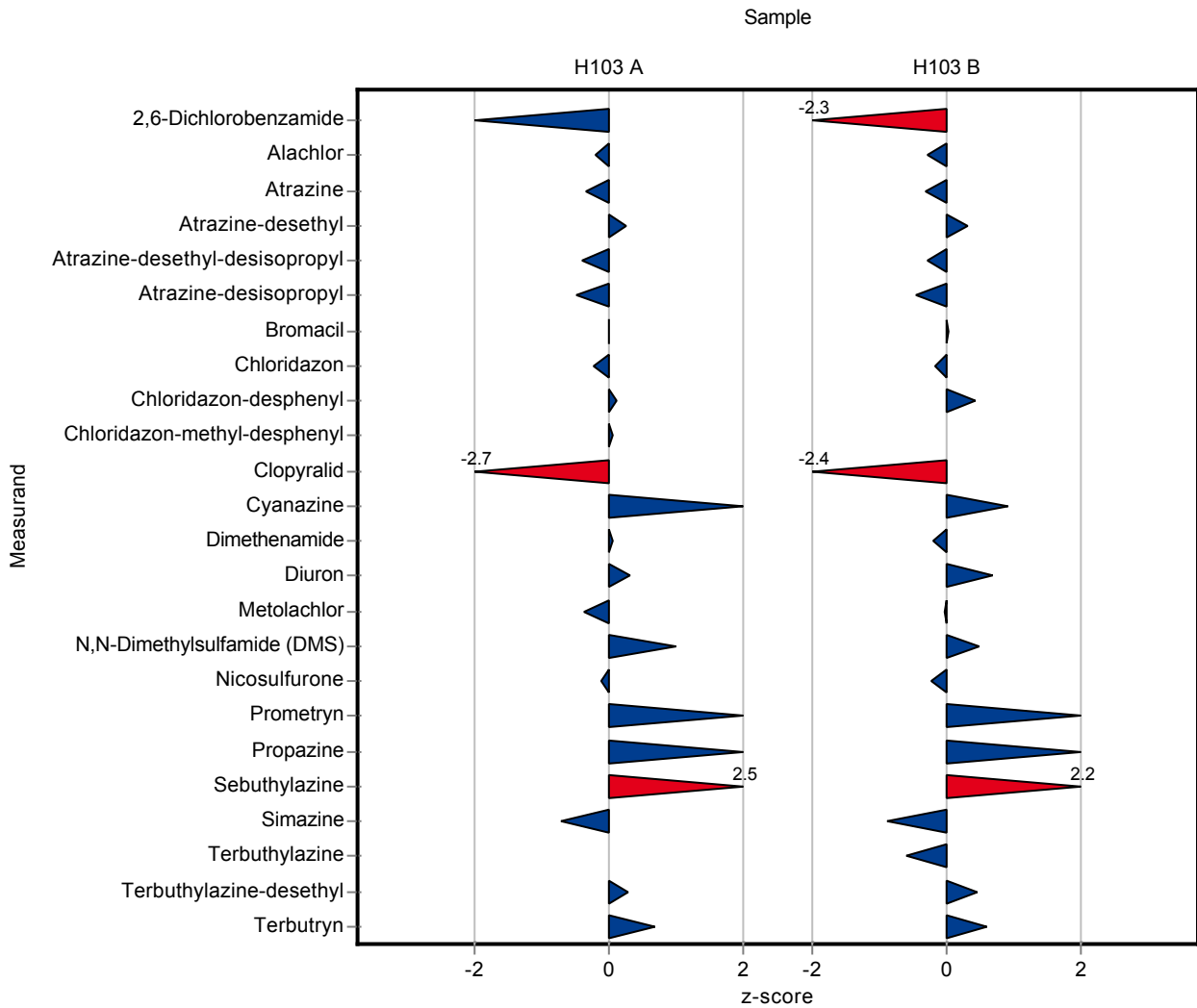
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.268 ± 0.065	0.0837	63.2	-1.86
Alachlor	µg/l	0.531 ± 0.0183	0.517 ± 0.055	0.0637	97.4	-0.22
Atrazine	µg/l	0.151 ± 0.00508	0.145 ± 0.049	0.0166	96.1	-0.36
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.693 ± 0.141	0.113	104	0.25
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.0872 ± 0.038	0.0528	79.9	-0.42
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.748 ± 0.153	0.121	92.7	-0.48
Bromacil	µg/l	0.322 ± 0.0231	0.321 ± 0.074	0.045	99.8	-0.01
Chloridazon	µg/l	0.119 ± 0.00542	0.115 ± 0.016	0.0154	96.9	-0.24
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.509 ± 0.111	0.0554	101	0.09
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.098 ± 0.014	0.0165	101	0.06
Clopyralid	µg/l	0.277 ± 0.101	0.0727 ± 0.037	0.0748	26.2	-2.73
Cyanazine	µg/l	0.418 ± 0.0247	0.502 ± 0.101	0.0669	120	1.25
Dimethenamide	µg/l	0.673 ± 0.0571	0.678 ± 0.123	0.0988	101	0.06
Diuron	µg/l	0.256 ± 0.0132	0.266 ± 0.049	0.0358	104	0.29
Metolachlor	µg/l	0.327 ± 0.0221	0.308 ± 0.051	0.0506	94.2	-0.38
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.524 ± 0.156	0.0685	115	0.98
Nicosulfurone	µg/l	0.171 ± 0.0321	0.164 ± 0.071	0.0533	96.2	-0.12
Prometryn	µg/l	0.448 ± 0.0374	0.525 ± 0.098	0.07	117	1.10
Propazine	µg/l	0.222 ± 0.0151	0.26 ± 0.037	0.0321	117	1.19
Sebuthylazine	µg/l	0.35 ± 0.0202	0.446 ± 0.059	0.0379	128	2.55
Simazine	µg/l	0.604 ± 0.0259	0.555 ± 0.113	0.0664	91.9	-0.74
Terbutylazine	µg/l	- ± -	<0.025 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.899 ± 0.139	0.102	103	0.26
Terbutryn	µg/l	0.161 ± 0.0117	0.177 ± 0.051	0.0241	110	0.67

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.0803 ± 0.019	0.0183	65.9	-2.28
Alachlor	µg/l	0.527 ± 0.0223	0.51 ± 0.055	0.0633	96.8	-0.27
Atrazine	µg/l	0.69 ± 0.0305	0.667 ± 0.225	0.0763	96.7	-0.30
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.182 ± 0.037	0.0293	106	0.34
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.188 ± 0.082	0.0656	90.9	-0.29
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.705 ± 0.144	0.113	93.3	-0.45

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.27 ± 0.062	0.0417	101	0.05
Chloridazon	µg/l	0.332 ± 0.02	0.325 ± 0.045	0.0447	97.8	-0.16
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.257 ± 0.056	0.027	105	0.44
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	<0.025 (LOQ) ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	0.205 ± 0.103	0.155	35.7	-2.38
Cyanazine	µg/l	0.282 ± 0.0187	0.324 ± 0.069	0.0451	115	0.93
Dimethenamide	µg/l	0.354 ± 0.026	0.345 ± 0.062	0.0469	97.5	-0.19
Diuron	µg/l	0.86 ± 0.0461	0.944 ± 0.174	0.12	110	0.70
Metolachlor	µg/l	0.164 ± 0.0112	0.163 ± 0.027	0.0263	99.5	-0.03
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.844 ± 0.252	0.118	107	0.49
Nicosulfurone	µg/l	0.287 ± 0.0545	0.268 ± 0.116	0.0903	93.2	-0.22
Prometryn	µg/l	0.519 ± 0.0417	0.601 ± 0.112	0.0781	116	1.05
Propazine	µg/l	0.296 ± 0.0198	0.364 ± 0.052	0.042	123	1.63
Sebuthylazine	µg/l	0.365 ± 0.0236	0.461 ± 0.061	0.0441	126	2.18
Simazine	µg/l	0.101 ± 0.00575	0.0899 ± 0.018	0.0129	88.8	-0.88
Terbuthylazine	µg/l	0.239 ± 0.0159	0.216 ± 0.04	0.0389	90.4	-0.59
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.265 ± 0.041	0.0325	106	0.46
Terbutryn	µg/l	0.527 ± 0.0493	0.588 ± 0.171	0.102	112	0.60



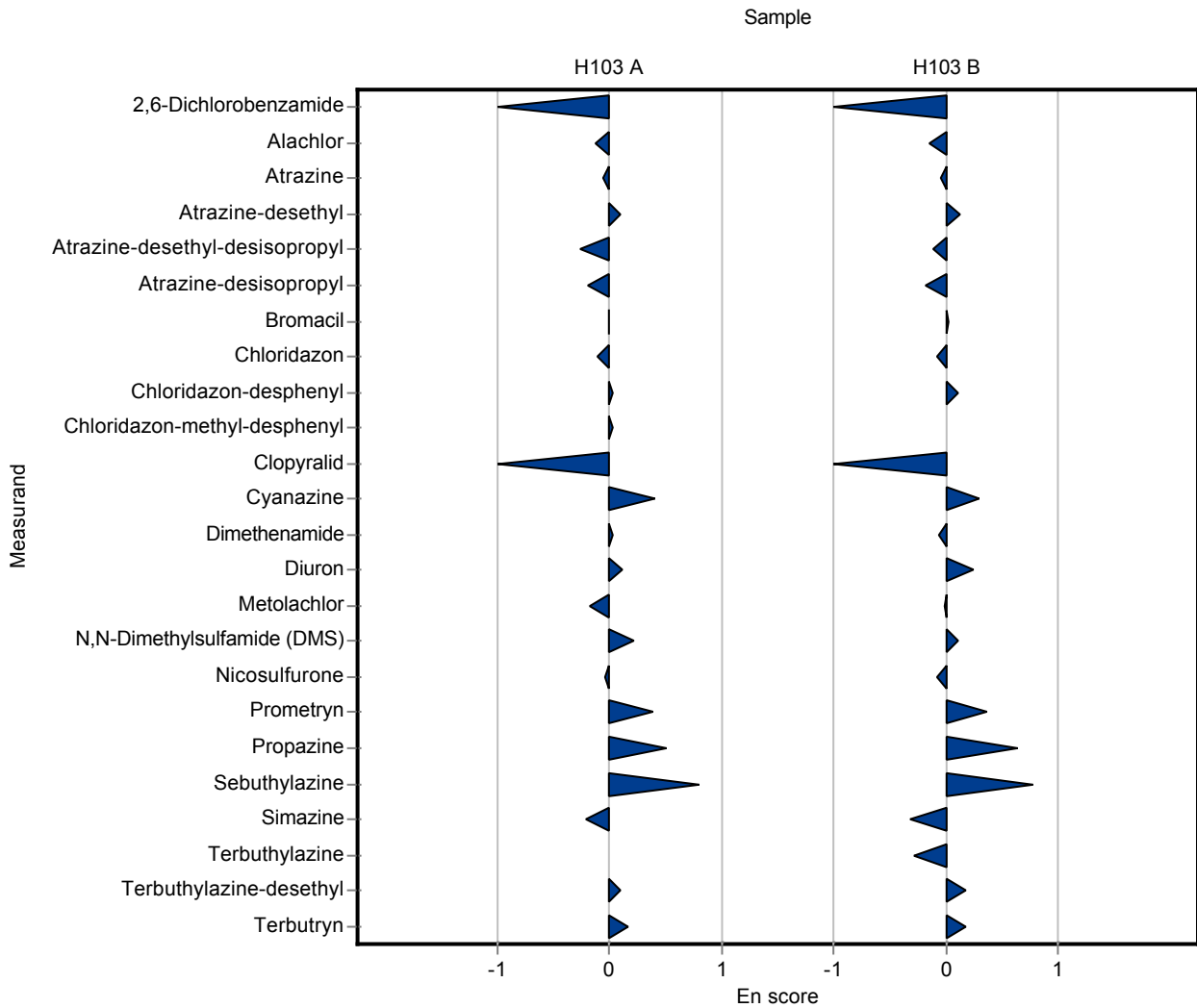
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.268 ± 0.065	0.0837	63.2	-1.16
Alachlor	µg/l	0.531 ± 0.0183	0.517 ± 0.055	0.0637	97.4	-0.13
Atrazine	µg/l	0.151 ± 0.00508	0.145 ± 0.049	0.0166	96.1	-0.06
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.693 ± 0.141	0.113	104	0.10
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.0872 ± 0.038	0.0528	79.9	-0.26
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.748 ± 0.153	0.121	92.7	-0.19
Bromacil	µg/l	0.322 ± 0.0231	0.321 ± 0.074	0.045	99.8	0.00
Chloridazon	µg/l	0.119 ± 0.00542	0.115 ± 0.016	0.0154	96.9	-0.11
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.509 ± 0.111	0.0554	101	0.02
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.098 ± 0.014	0.0165	101	0.03
Clopyralid	µg/l	0.277 ± 0.101	0.0727 ± 0.037	0.0748	26.2	-1.63
Cyanazine	µg/l	0.418 ± 0.0247	0.502 ± 0.101	0.0669	120	0.41
Dimethenamide	µg/l	0.673 ± 0.0571	0.678 ± 0.123	0.0988	101	0.02
Diuron	µg/l	0.256 ± 0.0132	0.266 ± 0.049	0.0358	104	0.10
Metolachlor	µg/l	0.327 ± 0.0221	0.308 ± 0.051	0.0506	94.2	-0.18
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.524 ± 0.156	0.0685	115	0.21
Nicosulfurone	µg/l	0.171 ± 0.0321	0.164 ± 0.071	0.0533	96.2	-0.04
Prometryn	µg/l	0.448 ± 0.0374	0.525 ± 0.098	0.07	117	0.38
Propazine	µg/l	0.222 ± 0.0151	0.26 ± 0.037	0.0321	117	0.51
Sebuthylazine	µg/l	0.35 ± 0.0202	0.446 ± 0.059	0.0379	128	0.81
Simazine	µg/l	0.604 ± 0.0259	0.555 ± 0.113	0.0664	91.9	-0.21
Terbutylazine	µg/l	- ± -	<0.025 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.899 ± 0.139	0.102	103	0.10
Terbutryn	µg/l	0.161 ± 0.0117	0.177 ± 0.051	0.0241	110	0.16

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.0803 ± 0.019	0.0183	65.9	-1.07
Alachlor	µg/l	0.527 ± 0.0223	0.51 ± 0.055	0.0633	96.8	-0.15
Atrazine	µg/l	0.69 ± 0.0305	0.667 ± 0.225	0.0763	96.7	-0.05
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.182 ± 0.037	0.0293	106	0.13
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.188 ± 0.082	0.0656	90.9	-0.11
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.705 ± 0.144	0.113	93.3	-0.17

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	0.27 ± 0.062	0.0417	101	0.02
Chloridazon	µg/l	0.332 ± 0.02	0.325 ± 0.045	0.0447	97.8	-0.08
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.257 ± 0.056	0.027	105	0.10
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	<0.025 (LOQ) ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	0.205 ± 0.103	0.155	35.7	-1.32
Cyanazine	µg/l	0.282 ± 0.0187	0.324 ± 0.069	0.0451	115	0.30
Dimethenamide	µg/l	0.354 ± 0.026	0.345 ± 0.062	0.0469	97.5	-0.07
Diuron	µg/l	0.86 ± 0.0461	0.944 ± 0.174	0.12	110	0.24
Metolachlor	µg/l	0.164 ± 0.0112	0.163 ± 0.027	0.0263	99.5	-0.01
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.844 ± 0.252	0.118	107	0.12
Nicosulfurone	µg/l	0.287 ± 0.0545	0.268 ± 0.116	0.0903	93.2	-0.08
Prometryn	µg/l	0.519 ± 0.0417	0.601 ± 0.112	0.0781	116	0.36
Propazine	µg/l	0.296 ± 0.0198	0.364 ± 0.052	0.042	123	0.65
Sebuthylazine	µg/l	0.365 ± 0.0236	0.461 ± 0.061	0.0441	126	0.77
Simazine	µg/l	0.101 ± 0.00575	0.0899 ± 0.018	0.0129	88.8	-0.31
Terbuthylazine	µg/l	0.239 ± 0.0159	0.216 ± 0.04	0.0389	90.4	-0.28
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.265 ± 0.041	0.0325	106	0.18
Terbutryn	µg/l	0.527 ± 0.0493	0.588 ± 0.171	0.102	112	0.18



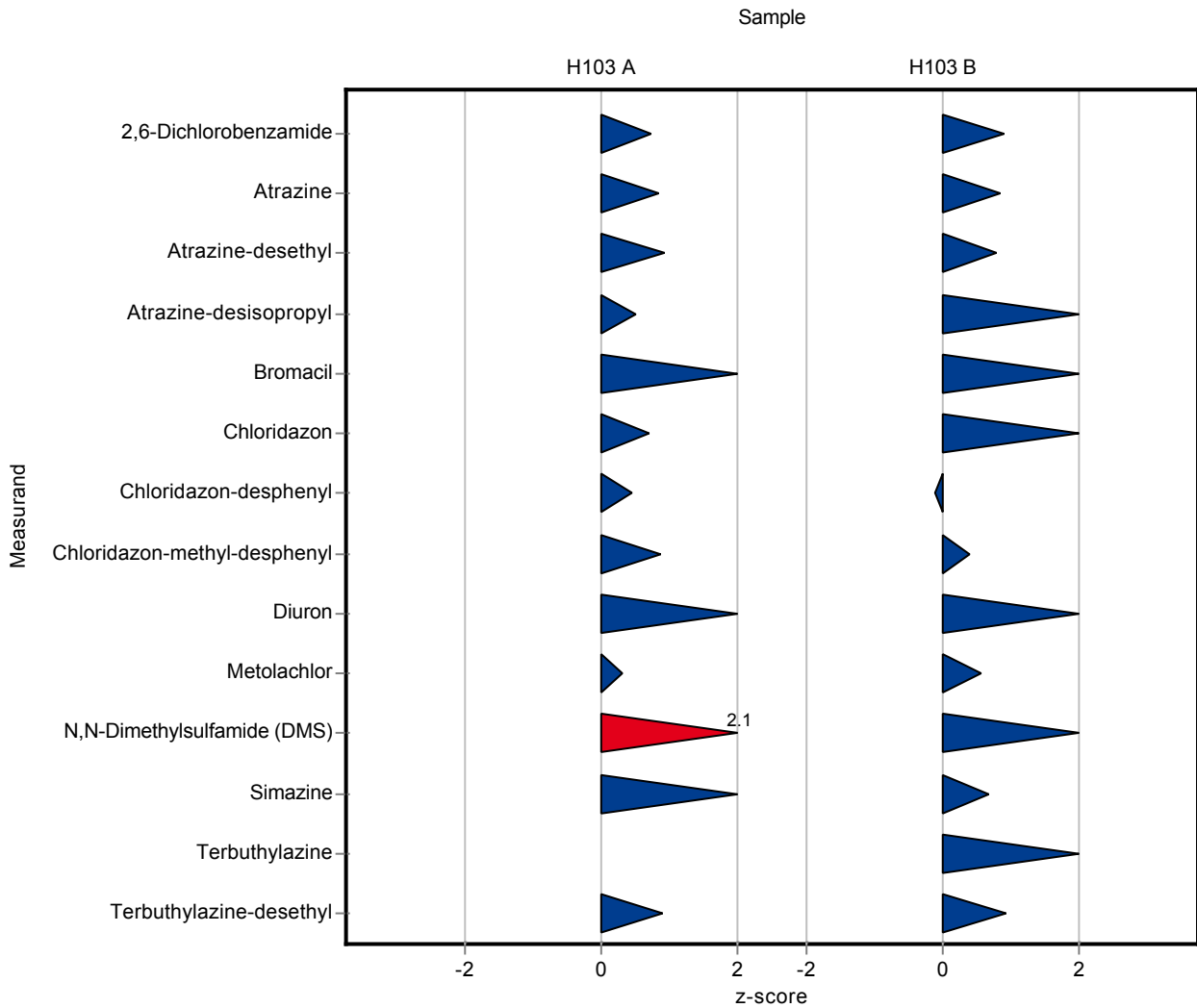
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.4845 ± 0.062	0.0837	114	0.72
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.1649 ± 0.0193	0.0166	109	0.84
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.7694 ± 0.0808	0.113	116	0.93
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.8662 ± 0.0901	0.121	107	0.49
Bromacil	µg/l	0.322 ± 0.0231	0.3957 ± 0.0518	0.045	123	1.65
Chloridazon	µg/l	0.119 ± 0.00542	0.1295 ± 0.0215	0.0154	109	0.70
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.5289 ± 0.0822	0.0554	105	0.45
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.1115 ± 0.014	0.0165	115	0.87
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.3066 ± 0.0285	0.0358	120	1.42
Metolachlor	µg/l	0.327 ± 0.0221	0.3429 ± 0.0566	0.0506	105	0.31
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.6033 ± 0.0958	0.0685	132	2.14
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.6758 ± 0.0507	0.0664	112	1.08
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.9628 ± 0.1271	0.102	110	0.89
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.1383 ± 0.0177	0.0183	113	0.90
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.7541 ± 0.0882	0.0763	109	0.84
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.1954 ± 0.0205	0.0293	114	0.80
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.8724 ± 0.0907	0.113	115	1.03

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.3357 ± 0.044	0.0417	125	1.63
Chloridazon	µg/l	0.332 ± 0.02	0.3961 ± 0.0658	0.0447	119	1.43
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.2425 ± 0.0349	0.027	98.9	-0.10
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.0221 ± 0.0029	0.0064	113	0.41
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	1.0501 ± 0.0977	0.12	122	1.58
Metolachlor	µg/l	0.164 ± 0.0112	0.1786 ± 0.0295	0.0263	109	0.56
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	1.002 ± 0.1641	0.118	128	1.84
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-	-
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.1101 ± 0.0083	0.0129	109	0.69
Terbuthylazine	µg/l	0.239 ± 0.0159	0.2806 ± 0.0351	0.0389	117	1.07
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.2806 ± 0.0351	0.0325	112	0.94
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



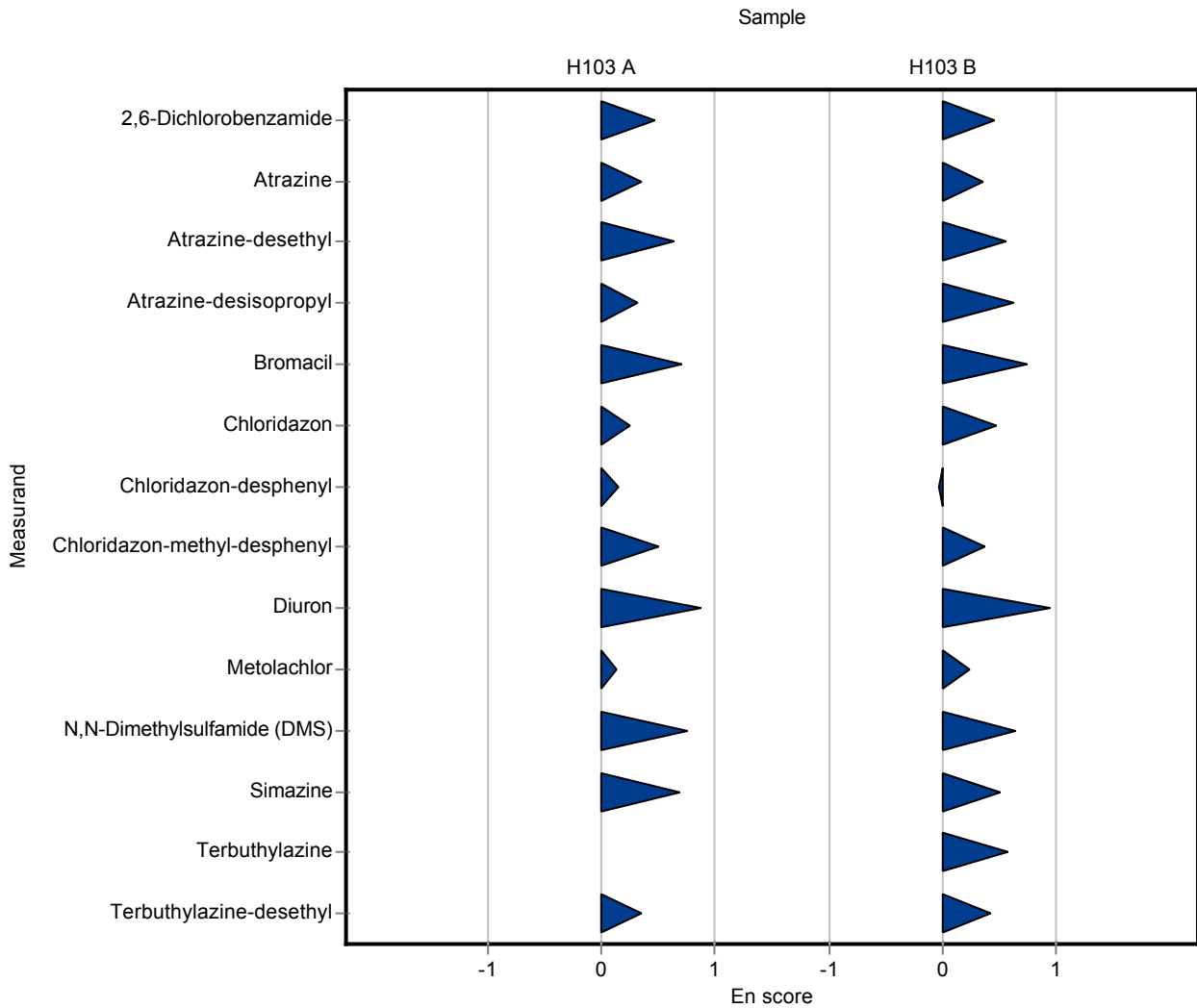
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.4845 ± 0.062	0.0837	114	0.47
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.1649 ± 0.0193	0.0166	109	0.36
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.7694 ± 0.0808	0.113	116	0.63
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.8662 ± 0.0901	0.121	107	0.32
Bromacil	µg/l	0.322 ± 0.0231	0.3957 ± 0.0518	0.045	123	0.70
Chloridazon	µg/l	0.119 ± 0.00542	0.1295 ± 0.0215	0.0154	109	0.25
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.5289 ± 0.0822	0.0554	105	0.15
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.1115 ± 0.014	0.0165	115	0.51
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.3066 ± 0.0285	0.0358	120	0.87
Metolachlor	µg/l	0.327 ± 0.0221	0.3429 ± 0.0566	0.0506	105	0.14
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.6033 ± 0.0958	0.0685	132	0.76
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.6758 ± 0.0507	0.0664	112	0.69
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.9628 ± 0.1271	0.102	110	0.35
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.1383 ± 0.0177	0.0183	113	0.45
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.7541 ± 0.0882	0.0763	109	0.36
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.1954 ± 0.0205	0.0293	114	0.56
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.8724 ± 0.0907	0.113	115	0.63

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	0.3357 ± 0.044	0.0417	125	0.75
Chloridazon	µg/l	0.332 ± 0.02	0.3961 ± 0.0658	0.0447	119	0.48
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.2425 ± 0.0349	0.027	98.9	-0.04
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.0221 ± 0.0029	0.0064	113	0.38
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	1.0501 ± 0.0977	0.12	122	0.95
Metolachlor	µg/l	0.164 ± 0.0112	0.1786 ± 0.0295	0.0263	109	0.25
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	1.002 ± 0.1641	0.118	128	0.65
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-	-
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.1101 ± 0.0083	0.0129	109	0.50
Terbuthylazine	µg/l	0.239 ± 0.0159	0.2806 ± 0.0351	0.0389	117	0.58
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.2806 ± 0.0351	0.0325	112	0.43
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



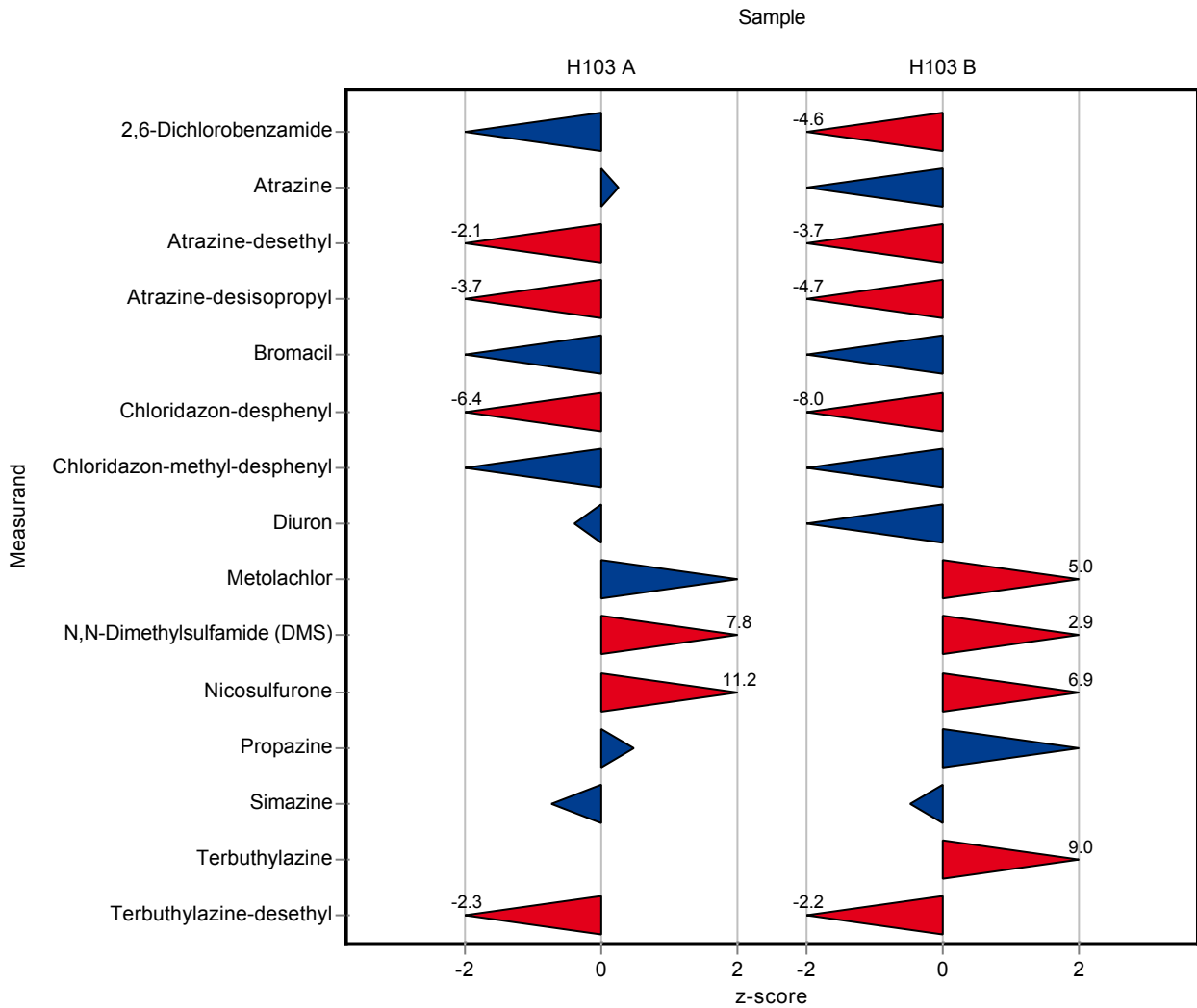
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.268 ± 0.063	0.0837	63.2	-1.86
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.155 ± 0.036	0.0166	103	0.25
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.423 ± 0.099	0.113	63.6	-2.14
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.354 ± 0.083	0.121	43.9	-3.73
Bromacil	µg/l	0.322 ± 0.0231	0.258 ± 0.061	0.045	80.2	-1.41
Chloridazon	µg/l	0.119 ± 0.00542	- ± -	0.0154	-	-
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.148 ± 0.035	0.0554	29.4	-6.42
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.067 ± 0.016	0.0165	69	-1.82
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.241 ± 0.057	0.0358	94.3	-0.41
Metolachlor	µg/l	0.327 ± 0.0221	0.421 ± 0.099	0.0506	129	1.86
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.989 ± 0.232	0.0685	217	7.77
Nicosulfurone	µg/l	0.171 ± 0.0321	0.769 ± 0.18	0.0533	451	11.20
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	0.237 ± 0.056	0.0321	107	0.47
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.554 ± 0.13	0.0664	91.7	-0.75
Terbuthylazine	µg/l	- ± -	0.316 ± 0.074	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.639 ± 0.15	0.102	73.3	-2.29
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.038 ± 0.009	0.0183	31.2	-4.59
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.599 ± 0.14	0.0763	86.8	-1.19
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.063 ± 0.015	0.0293	36.6	-3.73
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.224 ± 0.053	0.113	29.6	-4.69

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.192 ± 0.045	0.0417	71.7	-1.82
Chloridazon	µg/l	0.332 ± 0.02	- ± -	0.0447	-	-
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.03 ± 0.007	0.027	12.2	-7.98
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.01 ± 0.002	0.0064	51.3	-1.49
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	0.7 ± 0.164	0.12	81.4	-1.33
Metolachlor	µg/l	0.164 ± 0.0112	0.296 ± 0.069	0.0263	181	5.02
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	1.13 ± 0.265	0.118	144	2.92
Nicosulfurone	µg/l	0.287 ± 0.0545	0.909 ± 0.213	0.0903	316	6.88
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	0.354 ± 0.083	0.042	120	1.39
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.095 ± 0.022	0.0129	93.8	-0.49
Terbuthylazine	µg/l	0.239 ± 0.0159	0.589 ± 0.138	0.0389	246	9.00
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.179 ± 0.042	0.0325	71.6	-2.18
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



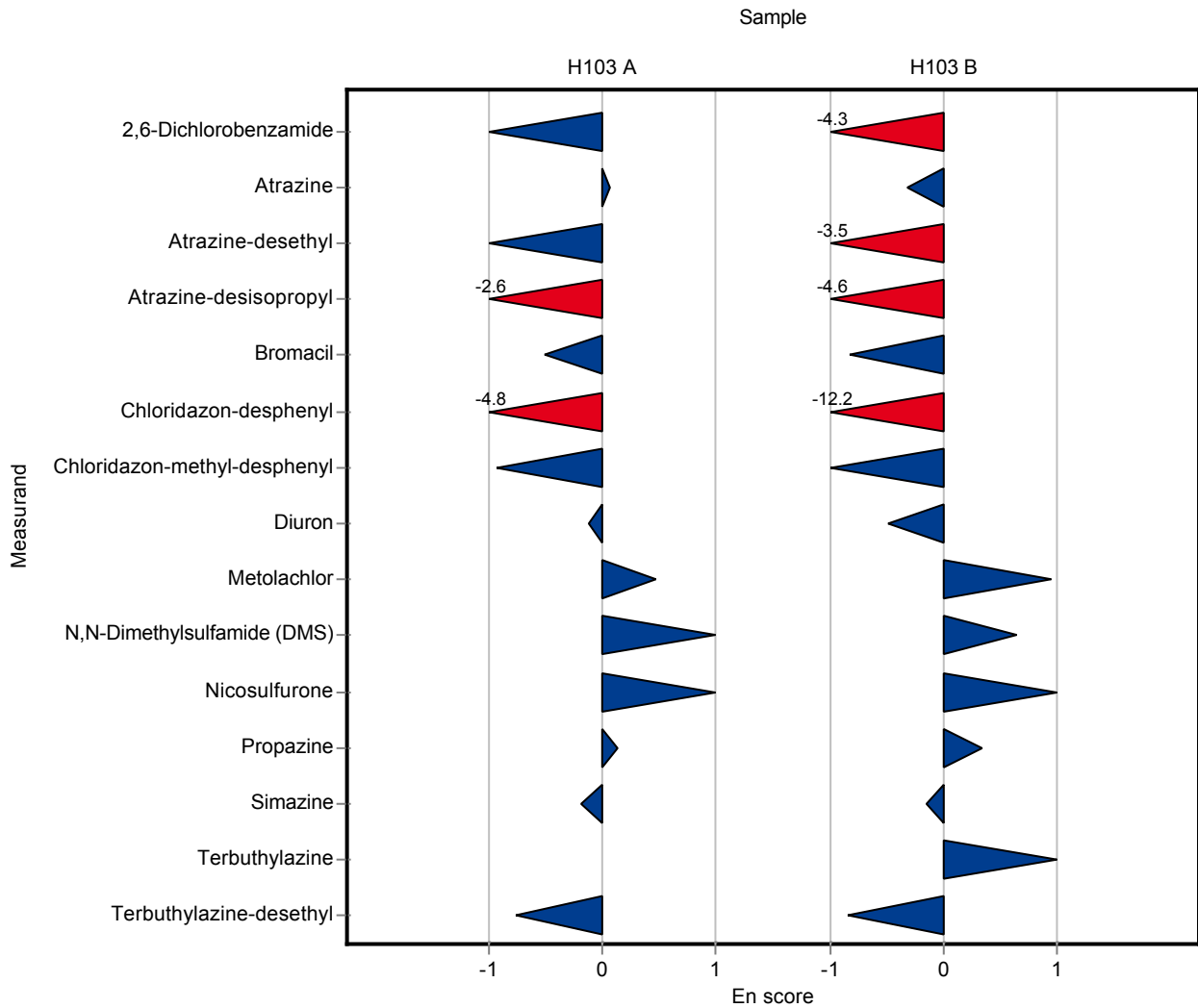
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.268 ± 0.063	0.0837	63.2	-1.19
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.155 ± 0.036	0.0166	103	0.06
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.423 ± 0.099	0.113	63.6	-1.20
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.354 ± 0.083	0.121	43.9	-2.60
Bromacil	µg/l	0.322 ± 0.0231	0.258 ± 0.061	0.045	80.2	-0.51
Chloridazon	µg/l	0.119 ± 0.00542	- ± -	0.0154	-	-
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.148 ± 0.035	0.0554	29.4	-4.83
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.067 ± 0.016	0.0165	69	-0.93
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.241 ± 0.057	0.0358	94.3	-0.13
Metolachlor	µg/l	0.327 ± 0.0221	0.421 ± 0.099	0.0506	129	0.47
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.989 ± 0.232	0.0685	217	1.14
Nicosulfurone	µg/l	0.171 ± 0.0321	0.769 ± 0.18	0.0533	451	1.66
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	0.237 ± 0.056	0.0321	107	0.14
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.554 ± 0.13	0.0664	91.7	-0.19
Terbuthylazine	µg/l	- ± -	0.316 ± 0.074	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.639 ± 0.15	0.102	73.3	-0.77
Terbutryn	µg/l	0.161 ± 0.0117	- ± -	0.0241	-	-

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.038 ± 0.009	0.0183	31.2	-4.27
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.599 ± 0.14	0.0763	86.8	-0.32
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.063 ± 0.015	0.0293	36.6	-3.52
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.224 ± 0.053	0.113	29.6	-4.64

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	0.192 ± 0.045	0.0417	71.7	-0.82
Chloridazon	µg/l	0.332 ± 0.02	- ± -	0.0447	-	-
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.03 ± 0.007	0.027	12.2	-12.20
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.01 ± 0.002	0.0064	51.3	-1.75
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	0.7 ± 0.164	0.12	81.4	-0.48
Metolachlor	µg/l	0.164 ± 0.0112	0.296 ± 0.069	0.0263	181	0.95
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	1.13 ± 0.265	0.118	144	0.65
Nicosulfurone	µg/l	0.287 ± 0.0545	0.909 ± 0.213	0.0903	316	1.45
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	0.354 ± 0.083	0.042	120	0.35
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.095 ± 0.022	0.0129	93.8	-0.14
Terbuthylazine	µg/l	0.239 ± 0.0159	0.589 ± 0.138	0.0389	246	1.27
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.179 ± 0.042	0.0325	71.6	-0.83
Terbutryn	µg/l	0.527 ± 0.0493	- ± -	0.102	-	-



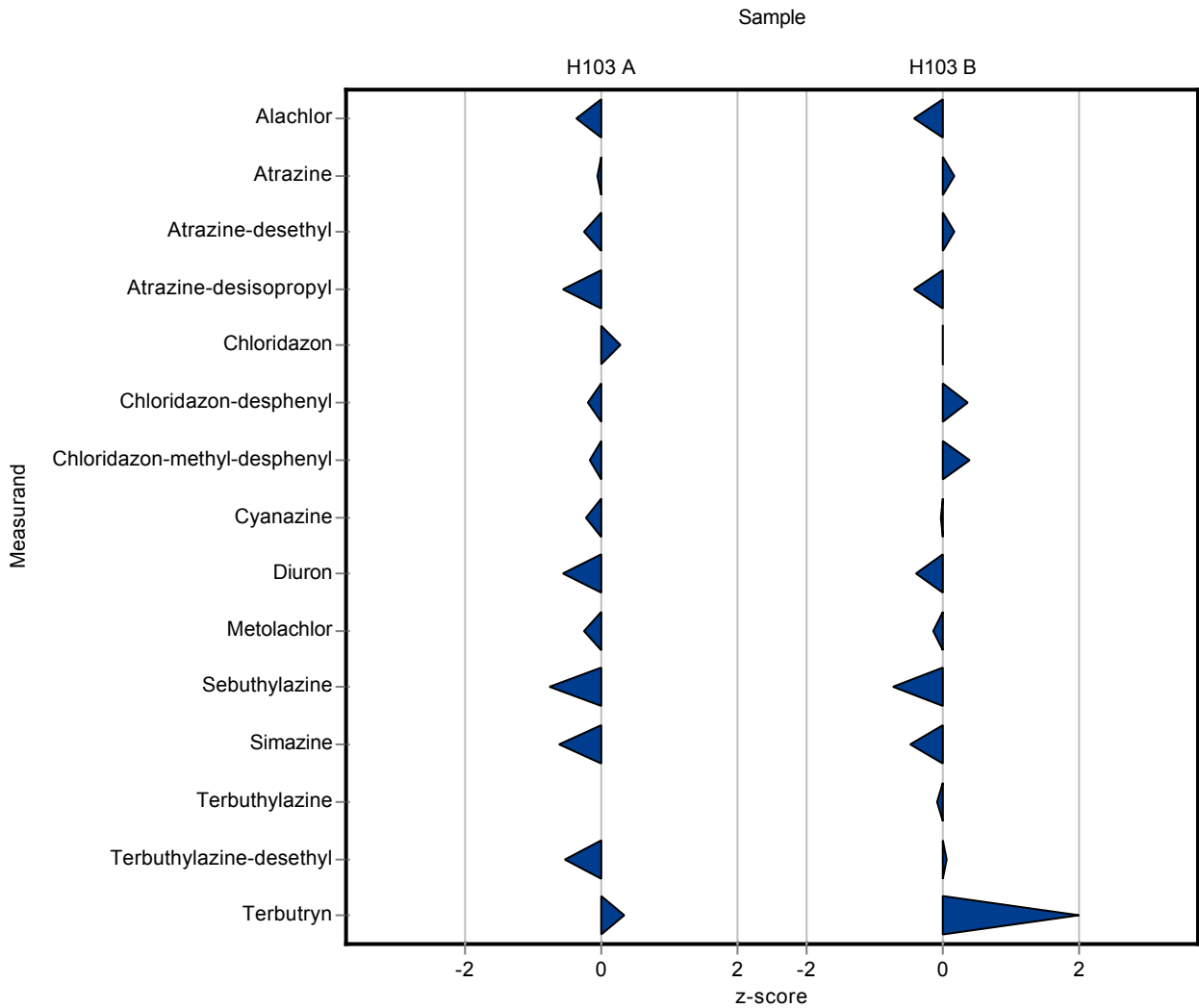
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	- ± -	0.0837	-	-
Alachlor	µg/l	0.531 ± 0.0183	0.508 ± 0.188	0.0637	95.7	-0.36
Atrazine	µg/l	0.151 ± 0.00508	0.15 ± 0.022	0.0166	99.4	-0.06
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.636 ± 0.07	0.113	95.7	-0.26
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.739 ± 0.118	0.121	91.6	-0.56
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	0.123 ± 0.02	0.0154	104	0.28
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.493 ± 0.099	0.0554	97.8	-0.20
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.094 ± 0.015	0.0165	96.8	-0.19
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.403 ± 0.048	0.0669	96.4	-0.23
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.235 ± 0.08	0.0358	91.9	-0.58
Metolachlor	µg/l	0.327 ± 0.0221	0.314 ± 0.126	0.0506	96	-0.26
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	0.32 ± 0.125	0.0379	91.6	-0.78
Simazine	µg/l	0.604 ± 0.0259	0.563 ± 0.068	0.0664	93.2	-0.61
Terbuthylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.872 ± 0.0456	0.816 ± 0.114	0.102	93.6	-0.55
Terbutryn	µg/l	0.161 ± 0.0117	0.169 ± 0.034	0.0241	105	0.34

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	- ± -	0.0183	-	-
Alachlor	µg/l	0.527 ± 0.0223	0.5 ± 0.185	0.0633	94.9	-0.43
Atrazine	µg/l	0.69 ± 0.0305	0.703 ± 0.105	0.0763	102	0.17
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.177 ± 0.019	0.0293	103	0.17
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.707 ± 0.113	0.113	93.6	-0.43

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	0.332 ± 0.053	0.0447	99.9	-0.01
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.255 ± 0.051	0.027	104	0.36
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.022 ± 0.004	0.0064	113	0.39
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.281 ± 0.034	0.0451	99.6	-0.02
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	0.813 ± 0.276	0.12	94.5	-0.39
Metolachlor	µg/l	0.164 ± 0.0112	0.16 ± 0.064	0.0263	97.7	-0.14
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-	-
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-	-
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-	-
Sebuthylazine	µg/l	0.365 ± 0.0236	0.333 ± 0.13	0.0441	91.3	-0.72
Simazine	µg/l	0.101 ± 0.00575	0.095 ± 0.011	0.0129	93.8	-0.49
Terbuthylazine	µg/l	0.239 ± 0.0159	0.236 ± 0.038	0.0389	98.7	-0.08
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.252 ± 0.035	0.0325	101	0.06
Terbutryn	µg/l	0.527 ± 0.0493	0.657 ± 0.131	0.102	125	1.28



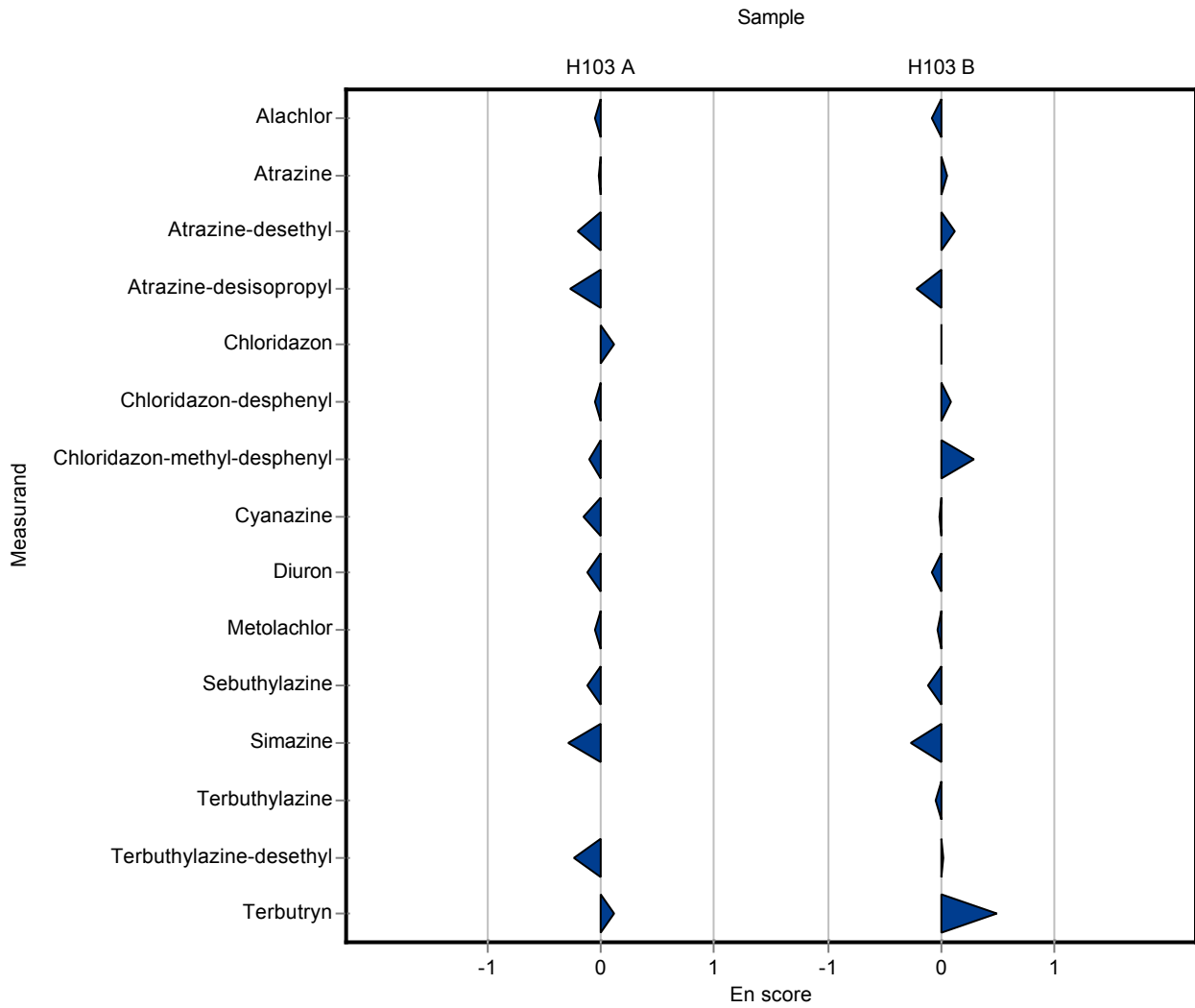
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	- ± -	0.0837	-	-
Alachlor	µg/l	0.531 ± 0.0183	0.508 ± 0.188	0.0637	95.7	-0.06
Atrazine	µg/l	0.151 ± 0.00508	0.15 ± 0.022	0.0166	99.4	-0.02
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.636 ± 0.07	0.113	95.7	-0.20
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.739 ± 0.118	0.121	91.6	-0.28
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	0.123 ± 0.02	0.0154	104	0.11
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.493 ± 0.099	0.0554	97.8	-0.05
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.094 ± 0.015	0.0165	96.8	-0.10
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.403 ± 0.048	0.0669	96.4	-0.15
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.235 ± 0.08	0.0358	91.9	-0.13
Metolachlor	µg/l	0.327 ± 0.0221	0.314 ± 0.126	0.0506	96	-0.05
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	- ± -	0.0533	-	-
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	0.32 ± 0.125	0.0379	91.6	-0.12
Simazine	µg/l	0.604 ± 0.0259	0.563 ± 0.068	0.0664	93.2	-0.29
Terbutylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.816 ± 0.114	0.102	93.6	-0.24
Terbutryn	µg/l	0.161 ± 0.0117	0.169 ± 0.034	0.0241	105	0.12

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	- ± -	0.0183	-	-
Alachlor	µg/l	0.527 ± 0.0223	0.5 ± 0.185	0.0633	94.9	-0.07
Atrazine	µg/l	0.69 ± 0.0305	0.703 ± 0.105	0.0763	102	0.06
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.177 ± 0.019	0.0293	103	0.13
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.707 ± 0.113	0.113	93.6	-0.21

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-
Chloridazon	µg/l	0.332 ± 0.02	0.332 ± 0.053	0.0447	99.9
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.255 ± 0.051	0.027	104
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.022 ± 0.004	0.0064	113
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-
Cyanazine	µg/l	0.282 ± 0.0187	0.281 ± 0.034	0.0451	99.6
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-
Diuron	µg/l	0.86 ± 0.0461	0.813 ± 0.276	0.12	94.5
Metolachlor	µg/l	0.164 ± 0.0112	0.16 ± 0.064	0.0263	97.7
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-
Nicosulfurone	µg/l	0.287 ± 0.0545	- ± -	0.0903	-
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-
Sebuthylazine	µg/l	0.365 ± 0.0236	0.333 ± 0.13	0.0441	91.3
Simazine	µg/l	0.101 ± 0.00575	0.095 ± 0.011	0.0129	93.8
Terbuthylazine	µg/l	0.239 ± 0.0159	0.236 ± 0.038	0.0389	98.7
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.252 ± 0.035	0.0325	101
Terbutryn	µg/l	0.527 ± 0.0493	0.657 ± 0.131	0.102	125



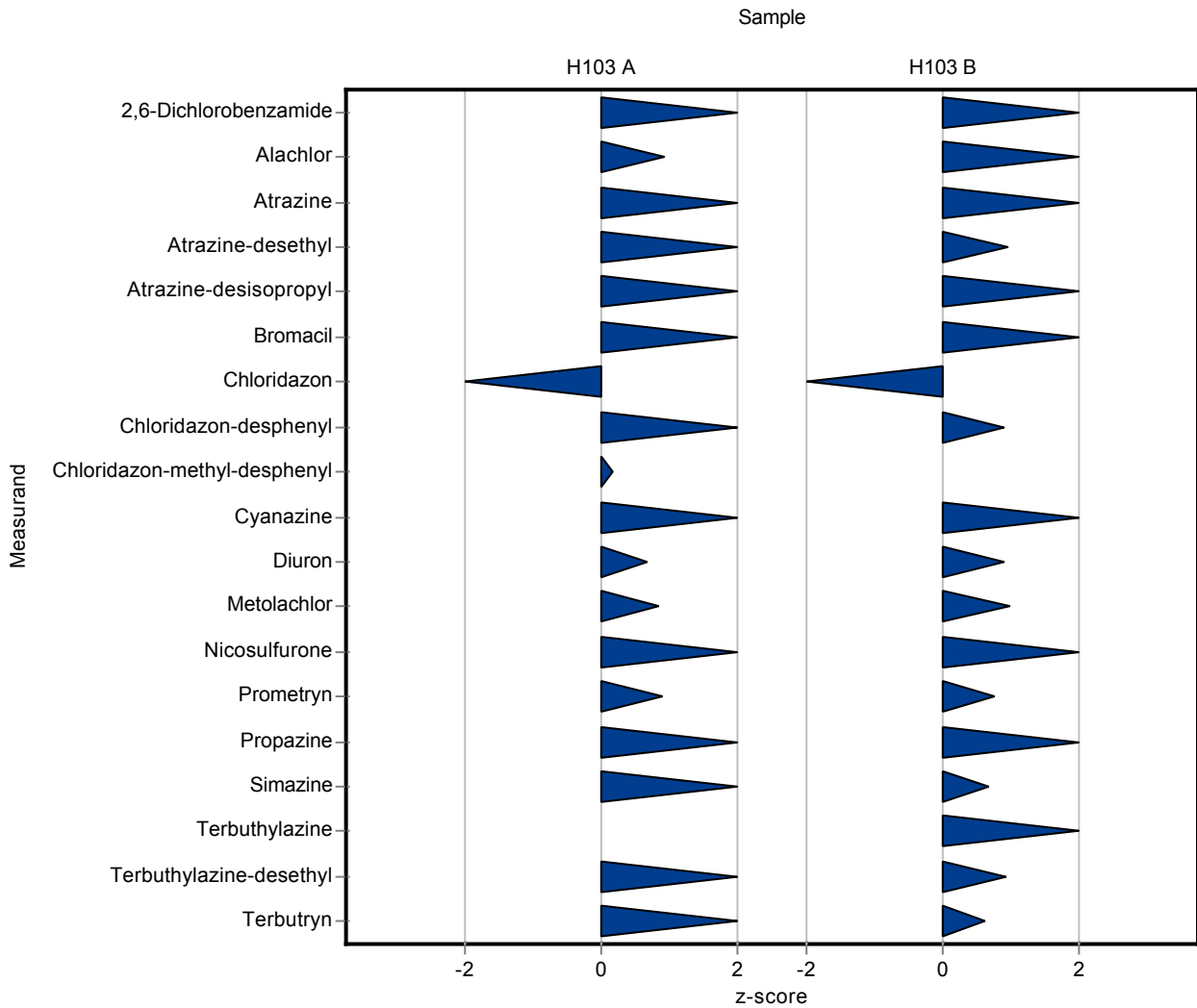
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.53 ± 0.11	0.0837	125	1.27
Alachlor	µg/l	0.531 ± 0.0183	0.59 ± 0.12	0.0637	111	0.93
Atrazine	µg/l	0.151 ± 0.00508	0.17 ± 0.03	0.0166	113	1.15
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.79 ± 0.16	0.113	119	1.11
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.97 ± 0.19	0.121	120	1.35
Bromacil	µg/l	0.322 ± 0.0231	0.38 ± 0.08	0.045	118	1.30
Chloridazon	µg/l	0.119 ± 0.00542	0.1 ± 0.02	0.0154	84.3	-1.21
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.57 ± 0.11	0.0554	113	1.19
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.1 ± 0.02	0.0165	103	0.18
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.51 ± 0.1	0.0669	122	1.37
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.28 ± 0.06	0.0358	110	0.68
Metolachlor	µg/l	0.327 ± 0.0221	0.37 ± 0.07	0.0506	113	0.85
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	0.23 ± 0.046	0.0533	135	1.12
Prometryn	µg/l	0.448 ± 0.0374	0.51 ± 0.1	0.07	114	0.88
Propazine	µg/l	0.222 ± 0.0151	0.26 ± 0.05	0.0321	117	1.19
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.68 ± 0.14	0.0664	113	1.15
Terbutylazine	µg/l	- ± -	<0.02 (LOD) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	1.05 ± 0.21	0.102	120	1.74
Terbutryn	µg/l	0.161 ± 0.0117	0.19 ± 0.04	0.0241	118	1.21

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.15 ± 0.03	0.0183	123	1.54
Alachlor	µg/l	0.527 ± 0.0223	0.6 ± 0.12	0.0633	114	1.15
Atrazine	µg/l	0.69 ± 0.0305	0.81 ± 0.16	0.0763	117	1.57
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.2 ± 0.04	0.0293	116	0.95
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.92 ± 0.18	0.113	122	1.45

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	0.32 ± 0.06	0.0417	120	1.25
Chloridazon	µg/l	0.332 ± 0.02	0.28 ± 0.06	0.0447	84.3	-1.17
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.27 ± 0.05	0.027	110	0.92
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	<0.02 (LOQ) ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.35 ± 0.07	0.0451	124	1.51
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	0.97 ± 0.19	0.12	113	0.91
Metolachlor	µg/l	0.164 ± 0.0112	0.19 ± 0.04	0.0263	116	1.00
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-	-
Nicosulfurone	µg/l	0.287 ± 0.0545	0.4 ± 0.08	0.0903	139	1.25
Prometryn	µg/l	0.519 ± 0.0417	0.58 ± 0.12	0.0781	112	0.78
Propazine	µg/l	0.296 ± 0.0198	0.35 ± 0.07	0.042	118	1.29
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.11 ± 0.02	0.0129	109	0.68
Terbuthylazine	µg/l	0.239 ± 0.0159	0.29 ± 0.06	0.0389	121	1.31
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.28 ± 0.06	0.0325	112	0.92
Terbutryn	µg/l	0.527 ± 0.0493	0.59 ± 0.12	0.102	112	0.62



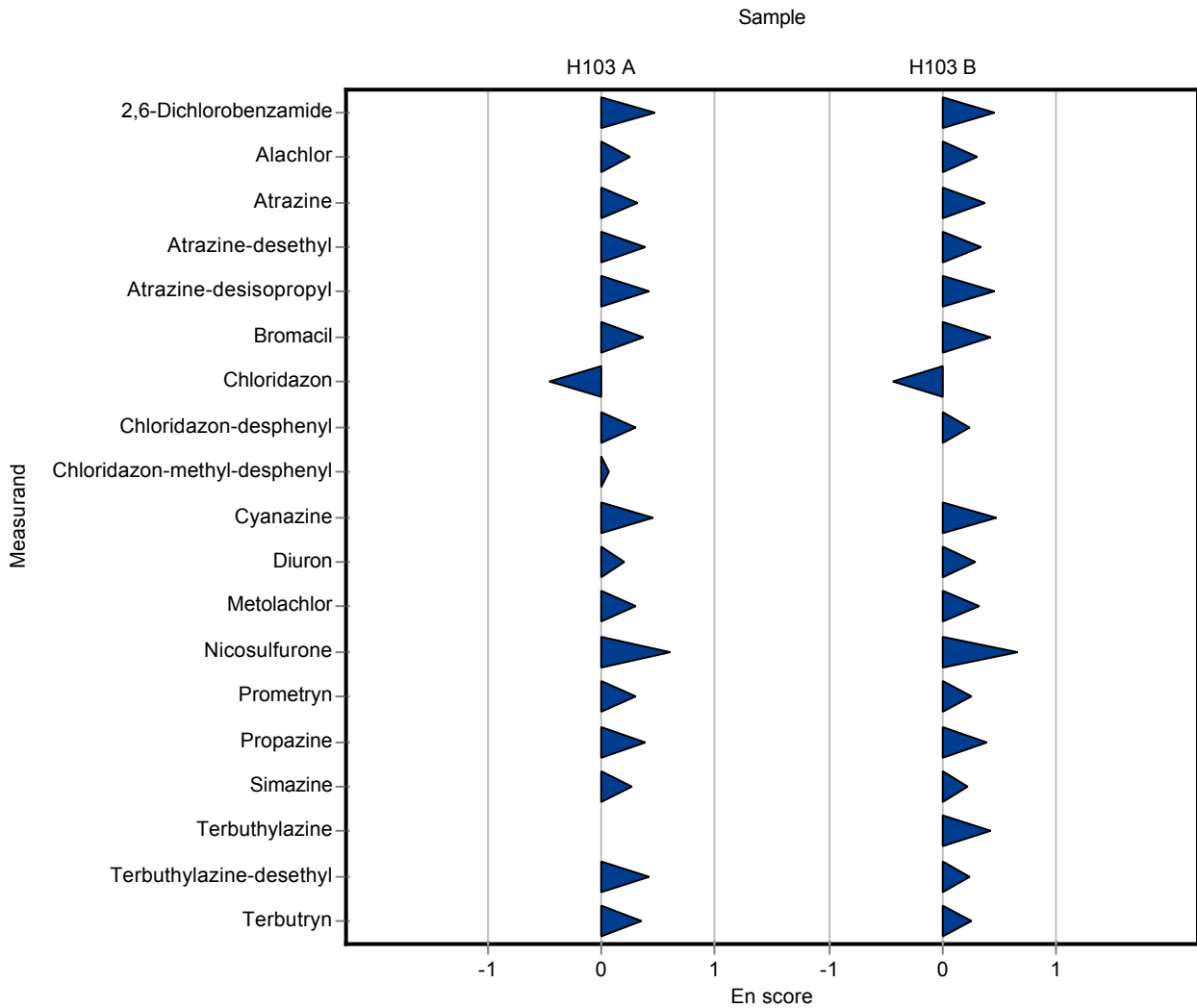
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.53 ± 0.11	0.0837	125	0.47
Alachlor	µg/l	0.531 ± 0.0183	0.59 ± 0.12	0.0637	111	0.24
Atrazine	µg/l	0.151 ± 0.00508	0.17 ± 0.03	0.0166	113	0.32
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.79 ± 0.16	0.113	119	0.39
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	- ± -	0.0528	-	-
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.97 ± 0.19	0.121	120	0.43
Bromacil	µg/l	0.322 ± 0.0231	0.38 ± 0.08	0.045	118	0.36
Chloridazon	µg/l	0.119 ± 0.00542	0.1 ± 0.02	0.0154	84.3	-0.46
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	0.57 ± 0.11	0.0554	113	0.30
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.1 ± 0.02	0.0165	103	0.07
Clopyralid	µg/l	0.277 ± 0.101	- ± -	0.0748	-	-
Cyanazine	µg/l	0.418 ± 0.0247	0.51 ± 0.1	0.0669	122	0.46
Dimethenamide	µg/l	0.673 ± 0.0571	- ± -	0.0988	-	-
Diuron	µg/l	0.256 ± 0.0132	0.28 ± 0.06	0.0358	110	0.20
Metolachlor	µg/l	0.327 ± 0.0221	0.37 ± 0.07	0.0506	113	0.30
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	- ± -	0.0685	-	-
Nicosulfurone	µg/l	0.171 ± 0.0321	0.23 ± 0.046	0.0533	135	0.61
Prometryn	µg/l	0.448 ± 0.0374	0.51 ± 0.1	0.07	114	0.30
Propazine	µg/l	0.222 ± 0.0151	0.26 ± 0.05	0.0321	117	0.38
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.68 ± 0.14	0.0664	113	0.27
Terbutylazine	µg/l	- ± -	<0.02 (LOD) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	1.05 ± 0.21	0.102	120	0.42
Terbutryn	µg/l	0.161 ± 0.0117	0.19 ± 0.04	0.0241	118	0.36

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.15 ± 0.03	0.0183	123	0.46
Alachlor	µg/l	0.527 ± 0.0223	0.6 ± 0.12	0.0633	114	0.30
Atrazine	µg/l	0.69 ± 0.0305	0.81 ± 0.16	0.0763	117	0.37
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.2 ± 0.04	0.0293	116	0.35
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	- ± -	0.0656	-	-
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.92 ± 0.18	0.113	122	0.45

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Bromacil	µg/l	0.268 ± 0.0215	0.32 ± 0.06	0.0417	120	0.43
Chloridazon	µg/l	0.332 ± 0.02	0.28 ± 0.06	0.0447	84.3	-0.43
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	0.27 ± 0.05	0.027	110	0.25
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	<0.02 (LOQ) ± -	0.0064	-	-
Clopyralid	µg/l	0.575 ± 0.191	- ± -	0.155	-	-
Cyanazine	µg/l	0.282 ± 0.0187	0.35 ± 0.07	0.0451	124	0.48
Dimethenamide	µg/l	0.354 ± 0.026	- ± -	0.0469	-	-
Diuron	µg/l	0.86 ± 0.0461	0.97 ± 0.19	0.12	113	0.29
Metolachlor	µg/l	0.164 ± 0.0112	0.19 ± 0.04	0.0263	116	0.33
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	- ± -	0.118	-	-
Nicosulfurone	µg/l	0.287 ± 0.0545	0.4 ± 0.08	0.0903	139	0.67
Prometryn	µg/l	0.519 ± 0.0417	0.58 ± 0.12	0.0781	112	0.25
Propazine	µg/l	0.296 ± 0.0198	0.35 ± 0.07	0.042	118	0.38
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.11 ± 0.02	0.0129	109	0.22
Terbuthylazine	µg/l	0.239 ± 0.0159	0.29 ± 0.06	0.0389	121	0.42
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.28 ± 0.06	0.0325	112	0.25
Terbutryn	µg/l	0.527 ± 0.0493	0.59 ± 0.12	0.102	112	0.26



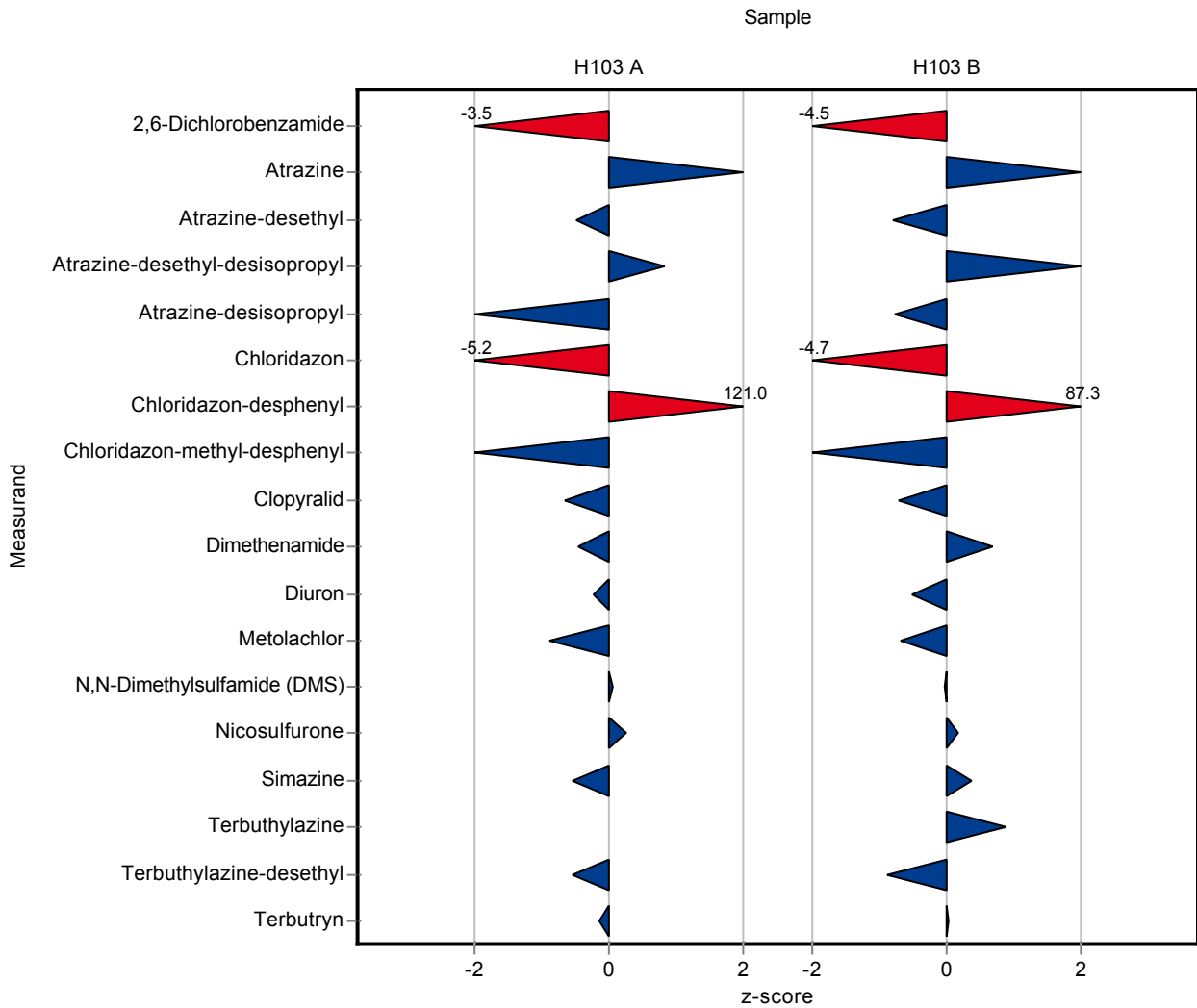
Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.132 ± 0.026	0.0837	31.1	-3.49
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.168 ± 0.034	0.0166	111	1.03
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.608 ± 0.122	0.113	91.5	-0.50
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.152 ± 0.03	0.0528	139	0.81
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.588 ± 0.118	0.121	72.9	-1.80
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	0.038 ± 0.008	0.0154	32	-5.23
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	7.21 ± 1.44	0.0554	1430	121.00
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.072 ± 0.014	0.0165	74.2	-1.52
Clopyralid	µg/l	0.277 ± 0.101	0.228 ± 0.046	0.0748	82.3	-0.66
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	0.625 ± 0.125	0.0988	92.9	-0.48
Diuron	µg/l	0.256 ± 0.0132	0.247 ± 0.049	0.0358	96.6	-0.24
Metolachlor	µg/l	0.327 ± 0.0221	0.282 ± 0.056	0.0506	86.2	-0.89
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.459 ± 0.092	0.0685	101	0.03
Nicosulfurone	µg/l	0.171 ± 0.0321	0.184 ± 0.037	0.0533	108	0.25
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.567 ± 0.113	0.0664	93.9	-0.56
Terbutylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.817 ± 0.163	0.102	93.7	-0.54
Terbutryn	µg/l	0.161 ± 0.0117	0.157 ± 0.031	0.0241	97.6	-0.16

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.039 ± 0.008	0.0183	32	-4.53
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.784 ± 0.157	0.0763	114	1.23
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.149 ± 0.03	0.0293	86.6	-0.79
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.283 ± 0.057	0.0656	137	1.16
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.671 ± 0.134	0.113	88.8	-0.75

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	0.12 ± 0.024	0.0447	36.1	-4.75
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	2.6 ± 0.52	0.027	1060	87.30
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.01 ± 0.002	0.0064	51.3	-1.49
Clopyralid	µg/l	0.575 ± 0.191	0.465 ± 0.093	0.155	80.9	-0.71
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	0.387 ± 0.077	0.0469	109	0.71
Diuron	µg/l	0.86 ± 0.0461	0.8 ± 0.16	0.12	93	-0.50
Metolachlor	µg/l	0.164 ± 0.0112	0.146 ± 0.029	0.0263	89.2	-0.67
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.783 ± 0.157	0.118	99.7	-0.02
Nicosulfurone	µg/l	0.287 ± 0.0545	0.303 ± 0.061	0.0903	105	0.17
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-	-
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.106 ± 0.021	0.0129	105	0.37
Terbuthylazine	µg/l	0.239 ± 0.0159	0.274 ± 0.055	0.0389	115	0.90
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.222 ± 0.044	0.0325	88.8	-0.86
Terbutryn	µg/l	0.527 ± 0.0493	0.532 ± 0.106	0.102	101	0.05



Sample: H103A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.424 ± 0.0357	0.132 ± 0.026	0.0837	31.1	-4.63
Alachlor	µg/l	0.531 ± 0.0183	- ± -	0.0637	-	-
Atrazine	µg/l	0.151 ± 0.00508	0.168 ± 0.034	0.0166	111	0.25
Atrazine-desethyl	µg/l	0.665 ± 0.0349	0.608 ± 0.122	0.113	91.5	-0.23
Atrazine-desethyl-desisopropyl	µg/l	0.109 ± 0.0399	0.152 ± 0.03	0.0528	139	0.59
Atrazine-desisopropyl	µg/l	0.807 ± 0.0517	0.588 ± 0.118	0.121	72.9	-0.91
Bromacil	µg/l	0.322 ± 0.0231	- ± -	0.045	-	-
Chloridazon	µg/l	0.119 ± 0.00542	0.038 ± 0.008	0.0154	32	-4.77
Chloridazon-desphenyl	µg/l	0.504 ± 0.0229	7.21 ± 1.44	0.0554	1430	2.33
Chloridazon-methyl-desphenyl	µg/l	0.0971 ± 0.00392	0.072 ± 0.014	0.0165	74.2	-0.89
Clopyralid	µg/l	0.277 ± 0.101	0.228 ± 0.046	0.0748	82.3	-0.36
Cyanazine	µg/l	0.418 ± 0.0247	- ± -	0.0669	-	-
Dimethenamide	µg/l	0.673 ± 0.0571	0.625 ± 0.125	0.0988	92.9	-0.18
Diuron	µg/l	0.256 ± 0.0132	0.247 ± 0.049	0.0358	96.6	-0.09
Metolachlor	µg/l	0.327 ± 0.0221	0.282 ± 0.056	0.0506	86.2	-0.39
N,N-Dimethylsulfamide (DMS)	µg/l	0.457 ± 0.029	0.459 ± 0.092	0.0685	101	0.01
Nicosulfurone	µg/l	0.171 ± 0.0321	0.184 ± 0.037	0.0533	108	0.17
Prometryn	µg/l	0.448 ± 0.0374	- ± -	0.07	-	-
Propazine	µg/l	0.222 ± 0.0151	- ± -	0.0321	-	-
Sebuthylazine	µg/l	0.35 ± 0.0202	- ± -	0.0379	-	-
Simazine	µg/l	0.604 ± 0.0259	0.567 ± 0.113	0.0664	93.9	-0.16
Terbutylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbutylazine-desethyl	µg/l	0.872 ± 0.0456	0.817 ± 0.163	0.102	93.7	-0.17
Terbutryn	µg/l	0.161 ± 0.0117	0.157 ± 0.031	0.0241	97.6	-0.06

Sample: H103B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.122 ± 0.00788	0.039 ± 0.008	0.0183	32	-4.65
Alachlor	µg/l	0.527 ± 0.0223	- ± -	0.0633	-	-
Atrazine	µg/l	0.69 ± 0.0305	0.784 ± 0.157	0.0763	114	0.30
Atrazine-desethyl	µg/l	0.172 ± 0.00771	0.149 ± 0.03	0.0293	86.6	-0.38
Atrazine-desethyl-desisopropyl	µg/l	0.207 ± 0.0415	0.283 ± 0.057	0.0656	137	0.63
Atrazine-desisopropyl	µg/l	0.756 ± 0.0438	0.671 ± 0.134	0.113	88.8	-0.31

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Bromacil	µg/l	0.268 ± 0.0215	- ± -	0.0417	-	-
Chloridazon	µg/l	0.332 ± 0.02	0.12 ± 0.024	0.0447	36.1	-4.08
Chloridazon-desphenyl	µg/l	0.245 ± 0.0107	2.6 ± 0.52	0.027	1060	2.26
Chloridazon-methyl-desphenyl	µg/l	0.0195 ± 0.00367	0.01 ± 0.002	0.0064	51.3	-1.75
Clopyralid	µg/l	0.575 ± 0.191	0.465 ± 0.093	0.155	80.9	-0.41
Cyanazine	µg/l	0.282 ± 0.0187	- ± -	0.0451	-	-
Dimethenamide	µg/l	0.354 ± 0.026	0.387 ± 0.077	0.0469	109	0.21
Diuron	µg/l	0.86 ± 0.0461	0.8 ± 0.16	0.12	93	-0.19
Metolachlor	µg/l	0.164 ± 0.0112	0.146 ± 0.029	0.0263	89.2	-0.30
N,N-Dimethylsulfamide (DMS)	µg/l	0.786 ± 0.0547	0.783 ± 0.157	0.118	99.7	-0.01
Nicosulfurone	µg/l	0.287 ± 0.0545	0.303 ± 0.061	0.0903	105	0.12
Prometryn	µg/l	0.519 ± 0.0417	- ± -	0.0781	-	-
Propazine	µg/l	0.296 ± 0.0198	- ± -	0.042	-	-
Sebuthylazine	µg/l	0.365 ± 0.0236	- ± -	0.0441	-	-
Simazine	µg/l	0.101 ± 0.00575	0.106 ± 0.021	0.0129	105	0.11
Terbuthylazine	µg/l	0.239 ± 0.0159	0.274 ± 0.055	0.0389	115	0.32
Terbuthylazine-desethyl	µg/l	0.25 ± 0.0142	0.222 ± 0.044	0.0325	88.8	-0.32
Terbutryn	µg/l	0.527 ± 0.0493	0.532 ± 0.106	0.102	101	0.02

