

**Proficiency Testing Scheme für die  
Wasseranalytik - Realproben  
H106 Pestizide**

**Proficiency Testing Scheme for Water  
Analysis - natural water samples  
H106 Pesticides**

**BERICHT / REPORT**

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## **D1. Beschreibung des Ringversuchs**

### **D1.1. Ausgestaltung und Durchführung**

- Anzahl der Anmeldungen: 21
- Anzahl der übermittelten Datensätze: 20
- Probenversand: 25.02.2020
- Einsendeschluss der Daten: 31.03.2020

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 19.02.2020. Das Probenmaterial umfasste:

- 1 Probe Grundwasser (H106 A)
- 1 Probe Oberflächenwasser (H106 B)

Alle Proben wurden über 0,45 µm Membranfilter filtriert und anschließend 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 25.02.2020 verschickt.

Jedes Teilnehmerlabor erhielt, je nach Bestellung:

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

### **D1.3. Anweisungen für die Teilnehmer**

Aus Stabilitätsgründen wurde empfohlen bis spätestens 04.03.2020 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 2019.

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 31.03.2020 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 bzw. einer zu geringen Anzahl an ausreißerbereinigten Ergebnissen über die Gruppe der akkreditierten Labore, 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 2019 (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<sub>n</sub>-Score

Für die realen Wasserproben erfolgen seit 2019 zusätzliche Bewertungen unter Einbeziehung der erweiterten Messunsicherheiten der Teilnehmer und der erweiterten Messunsicherheit des zugewiesenen Wertes, gemäß E<sub>n</sub>-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<sub>n</sub>-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<sub>n</sub>-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<sub>n</sub>-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<sub>n</sub>-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 7 Eignungsprüfungsrunden (2013 - 2019) in Realproben wurden Kriterien (RSDpool) zur Ergebnisbewertung berechnet. Diese wurden im Zuge der Auswertung den relativen Vergleichsstandardabweichungen (vR) des aktuellen Ringversuchs gegenübergestellt.

Parameter Chloridazon-Methyl-Desphenyl und Nicosulfuron Probe H106 A und Parameter Dimethenamid und Nicosulfuron Probe H106 B: Die auf Basis der Teilnehmerergebnisse berechneten Sollwerte lagen außerhalb der Messunsicherheit des Kontrollwertes und es ist über das Kontrolllabor keine Rückführbarkeit möglich. Der zugewiesene Wert wurde daher über die ausreißerbereinigten Mittelwerte aus der Gruppe der akkreditierten Teilnehmer berechnet.

Parameter Atrazin-Desethyl-Desisopropyl Probe H106 A: Aufgrund einer geringen Anzahl an übermittelten gültigen Teilnehmerergebnissen konnte kein Sollwert berechnet werden. Für diesen Parameter empfehlen wir einen Vergleich mit den Ergebnissen des Kontrolllabors.

Parameter Atrazin-Desethyl-Desisopropyl Probe H106 B: Für diesen Parameter wurde die aktuelle Vergleichsstandardabweichung mit 32 % als Kriterium eingesetzt, da weniger als  $n = 6$  Eignungsprüfungsrunden für die Langzeitauswertung vorliegen.

## 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 <sub>n</sub> -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 <sub>n</sub> -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 Bestimmungs- bzw. 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 Nachweis- bzw. 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)

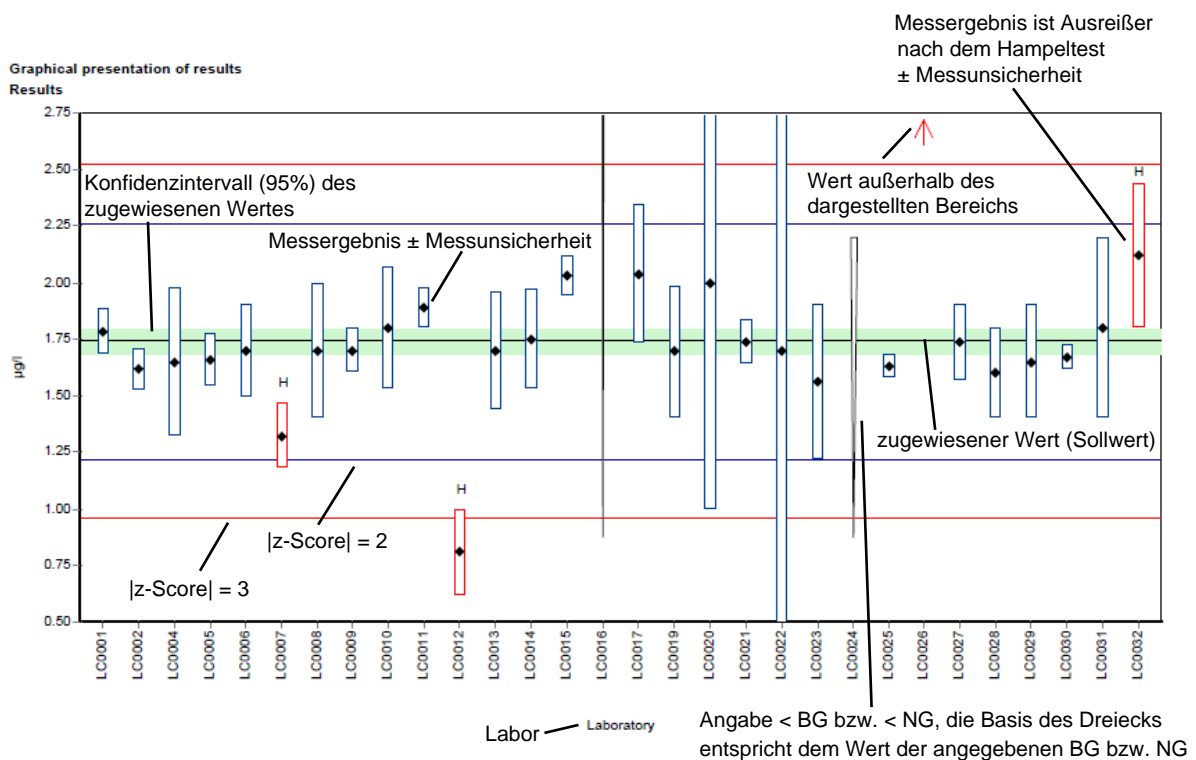
rel. Standardabweichung relative Vergleichsstandardabweichung in %, berechnet aus den Teilnehmerergebnissen des aktuellen Ringversuchs bezogen auf den Mittelwert (angegeben auf 3 signifikante Stellen)

n Anzahl der Messergebnisse

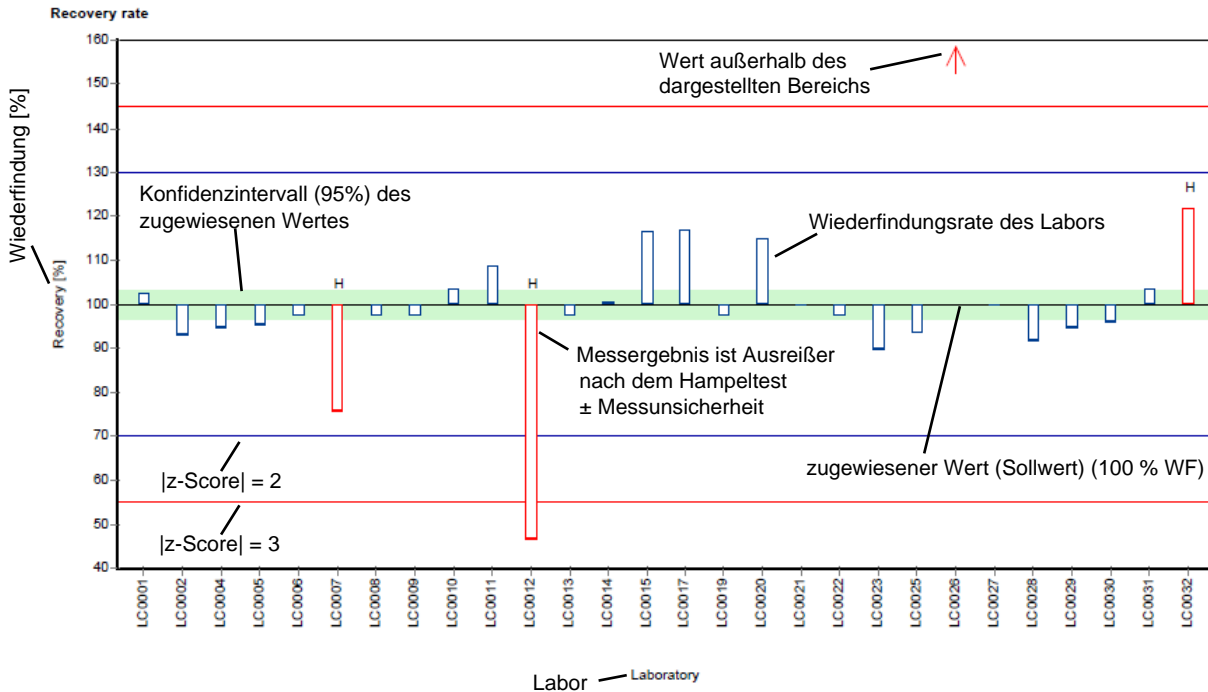
## D5.2. Graphische Darstellung der Ergebnisse

Nachfolgend wird die graphische Darstellung anhand von kommentierten Beispieldiagrammen erläutert.

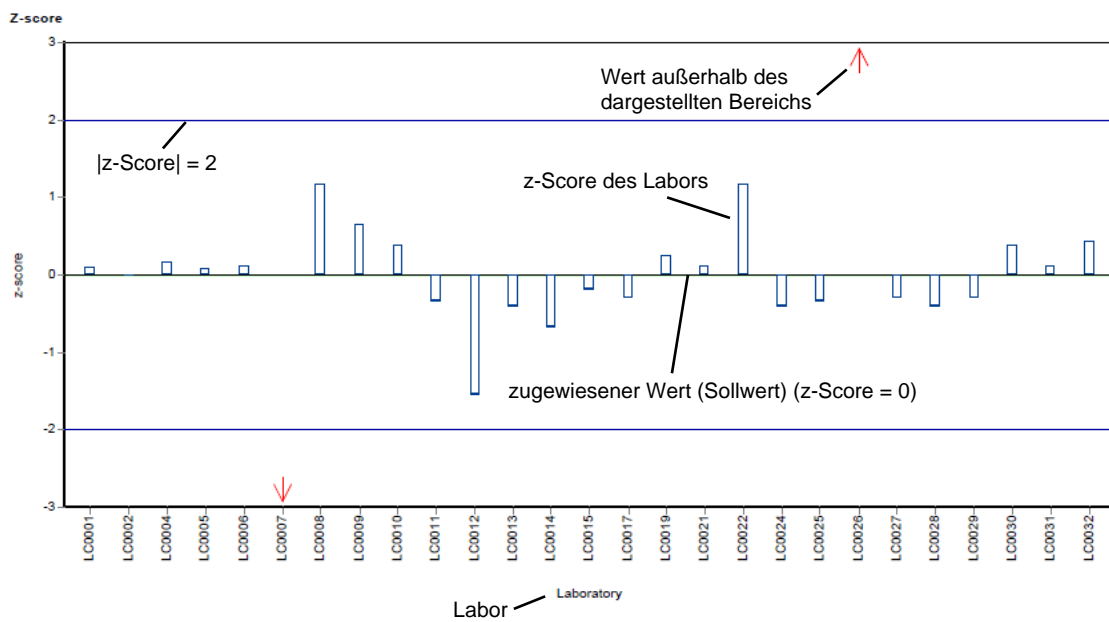
### Beispieldiagramm: Messwerte



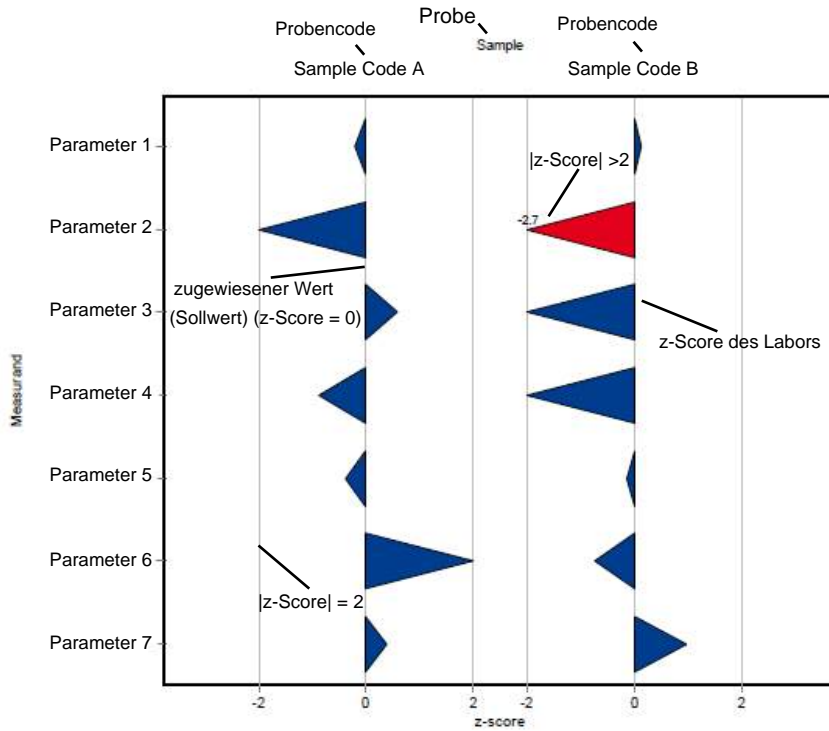
### Beispieldiagramm: Wiederfindung zum zugewiesenen Wert



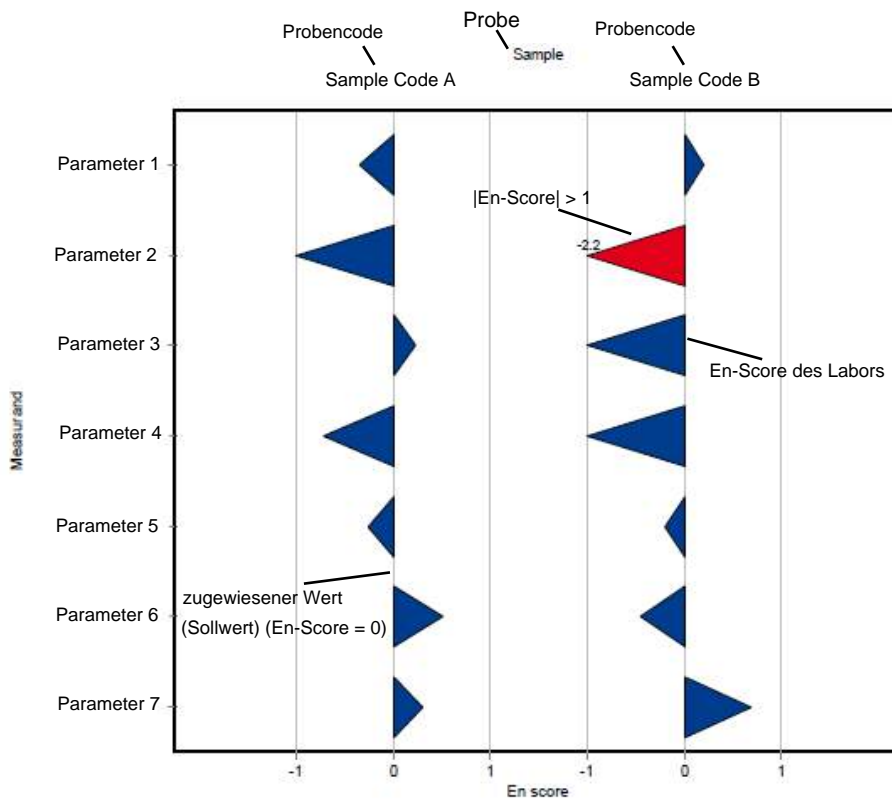
### Beispieldiagramm: z-Score



**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	H106 A	µg/l	0.449	±	0.0161	0.0674	15
	H106 B	µg/l	0.241	±	0.0101	0.0362	15
Alachlor	H106 A	µg/l	0.472	±	0.0523	0.0566	12
	H106 B	µg/l	0.793	±	0.0795	0.0951	12
Atrazin	H106 A	µg/l	0.332	±	0.01	0.0365	11
	H106 B	µg/l	0.45	±	0.0213	0.0495	11
Atrazin-Desethyl	H106 A	µg/l	0.313	±	0.0148	0.0376	12
	H106 B	µg/l	0.812	±	0.0437	0.0975	12
Atrazin-Desethyl-Desisopropyl	H106 A	µg/l	-	±	-	-	-
	H106 B	µg/l	0.33	±	0.0792	0.105	32
Atrazin-Desisopropyl	H106 A	µg/l	0.719	±	0.0412	0.101	14
	H106 B	µg/l	0.213	±	0.0138	0.0299	14
Bromacil	H106 A	µg/l	0.892	±	0.0648	0.125	14
	H106 B	µg/l	0.462	±	0.0255	0.0646	14
Chloridazon	H106 A	µg/l	0.223	±	0.0148	0.029	13
	H106 B	µg/l	0.434	±	0.035	0.0564	13
Chloridazon-Desphenyl	H106 A	µg/l	0.363	±	0.0253	0.0399	11
	H106 B	µg/l	0.173	±	0.0115	0.019	11
Chloridazon-Methyl-Desphenyl	H106 A	µg/l	0.0774	±	0.00456	0.0101	13
	H106 B	µg/l	0.1	±	0.00951	0.013	13
Clopyralid	H106 A	µg/l	0.272	±	0.0273	0.0926	34
	H106 B	µg/l	0.421	±	0.0297	0.143	34
Cyanazin	H106 A	µg/l	0.18	±	0.0226	0.0252	14
	H106 B	µg/l	0.394	±	0.0382	0.0552	14
Dimethenamid	H106 A	µg/l	0.898	±	0.106	0.0889	9.9
	H106 B	µg/l	0.44	±	0.037	0.0435	9.9
Diuron	H106 A	µg/l	0.444	±	0.0257	0.0577	13
	H106 B	µg/l	0.441	±	0.0205	0.0574	13
Metolachlor	H106 A	µg/l	0.486	±	0.0225	0.0729	15
	H106 B	µg/l	0.808	±	0.0599	0.121	15
N,N-Dimethylsulfamid (DMS)	H106 A	µg/l	0.2	±	0.0144	0.0301	15
	H106 B	µg/l	0.401	±	0.0329	0.0601	15
Nicosulfuron	H106 A	µg/l	0.443	±	0.0928	0.164	37
	H106 B	µg/l	0.499	±	0.0752	0.185	37
Prometryn	H106 A	µg/l	0.408	±	0.0292	0.053	13
	H106 B	µg/l	0.796	±	0.0789	0.104	13
Propazin	H106 A	µg/l	0.433	±	0.0312	0.0563	13
	H106 B	µg/l	0.237	±	0.0166	0.0308	13
Sebuthylazin	H106 A	µg/l	0.26	±	0.0167	0.0242	9.3
	H106 B	µg/l	0.431	±	0.0318	0.0401	9.3
Simazin	H106 A	µg/l	-	±	-	-	-
	H106 B	µg/l	0.115	±	0.00822	0.0126	11
Terbuthylazin	H106 A	µg/l	0.169	±	0.00599	0.0186	11
	H106 B	µg/l	-	±	-	-	-
Terbuthylazin-Desethyl	H106 A	µg/l	0.699	±	0.0447	0.0769	11
	H106 B	µg/l	0.235	±	0.017	0.0258	11
Terbutryn	H106 A	µg/l	0.245	±	0.022	0.0245	10



Parameter	Probe	Einheit	zugewiesener Wert	±	U (k=2)	Kriterium	Kriterium [%]
Terbutryn	H106 B	µg/l	0.799	±	0.0611	0.0799	10

## 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	H106 A	17	0	µg/l	0.449	± 0.0242	0.395	0.527	0.0332	7.4
	H106 B	17	0	µg/l	0.241	± 0.0151	0.205	0.285	0.0208	8.6
Alachlor	H106 A	9	0	µg/l	0.472	± 0.0785	0.295	0.558	0.0785	17
	H106 B	9	0	µg/l	0.793	± 0.119	0.595	0.995	0.119	15
Atrazin	H106 A	18	2	µg/l	0.332	± 0.015	0.292	0.386	0.0212	6.4
	H106 B	20	0	µg/l	0.45	± 0.0319	0.362	0.561	0.0476	11
Atrazin-Desethyl	H106 A	18	1	µg/l	0.313	± 0.0223	0.255	0.369	0.0315	10
	H106 B	17	2	µg/l	0.812	± 0.0655	0.692	0.99	0.09	11
Atrazin-Desethyl-Desisopropyl	H106 A	4	3	µg/l	-	± -	0.133	0.144	-	-
	H106 B	7	0	µg/l	0.33	± 0.119	0.24	0.531	0.105	32
Atrazin-Desisopropyl	H106 A	15	1	µg/l	0.719	± 0.0618	0.606	0.9	0.0798	11
	H106 B	15	1	µg/l	0.213	± 0.0208	0.187	0.27	0.0268	13
Bromacil	H106 A	12	0	µg/l	0.892	± 0.0972	0.609	1.01	0.112	13
	H106 B	12	0	µg/l	0.462	± 0.0382	0.407	0.545	0.0441	9.6
Chloridazon	H106 A	14	1	µg/l	0.223	± 0.0223	0.164	0.263	0.0278	12
	H106 B	15	0	µg/l	0.434	± 0.0526	0.301	0.55	0.0679	16
Chloridazon-Desphenyl	H106 A	11	2	µg/l	0.363	± 0.0379	0.295	0.454	0.0419	12
	H106 B	12	1	µg/l	0.173	± 0.0172	0.138	0.203	0.0199	12
Chloridazon-Methyl-Desphenyl	H106 A	11	2	µg/l	0.0783	± 0.00632	0.064	0.0884	0.00699	8.9
	H106 B	13	0	µg/l	0.1	± 0.0143	0.077	0.135	0.0171	17
Clopyralid	H106 A	8	0	µg/l	0.272	± 0.0409	0.226	0.325	0.0386	14
	H106 B	8	0	µg/l	0.421	± 0.0445	0.357	0.47	0.0419	10
Cyanazin	H106 A	11	0	µg/l	0.18	± 0.034	0.135	0.26	0.0375	21
	H106 B	10	1	µg/l	0.394	± 0.0574	0.32	0.475	0.0605	15
Dimethenamid	H106 A	14	0	µg/l	0.898	± 0.159	0.542	1.21	0.198	22
	H106 B	14	0	µg/l	0.457	± 0.0515	0.352	0.596	0.0642	14

Parameter	Probe	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Einheit	Mittelwert	± VB (99%)	Minimum	Maximum	sR	vR [%]
Diuron	H106 A	16	1	µg/l	0.444	± 0.0386	0.358	0.57	0.0515	12
	H106 B	16	1	µg/l	0.441	± 0.0308	0.381	0.524	0.0411	9.3
Metolachlor	H106 A	18	2	µg/l	0.486	± 0.0338	0.373	0.55	0.0478	9.8
	H106 B	19	1	µg/l	0.808	± 0.0898	0.532	0.995	0.131	16
N,N-Dimethylsulfamid (DMS)	H106 A	11	0	µg/l	0.2	± 0.0217	0.154	0.23	0.024	12
	H106 B	11	0	µg/l	0.401	± 0.0494	0.312	0.51	0.0546	14
Nicosulfuron	H106 A	10	0	µg/l	0.422	± 0.0932	0.297	0.623	0.0982	23
	H106 B	10	0	µg/l	0.472	± 0.0832	0.335	0.644	0.0877	19
Prometryn	H106 A	9	1	µg/l	0.408	± 0.0437	0.328	0.49	0.0437	11
	H106 B	10	0	µg/l	0.796	± 0.118	0.581	0.954	0.125	16
Propazin	H106 A	13	0	µg/l	0.433	± 0.0467	0.36	0.54	0.0562	13
	H106 B	13	0	µg/l	0.237	± 0.0249	0.194	0.302	0.0299	13
Sebuthylazin	H106 A	12	1	µg/l	0.26	± 0.0251	0.216	0.31	0.029	11
	H106 B	12	1	µg/l	0.431	± 0.0477	0.334	0.534	0.0551	13
Simazin	H106 A	3	0	µg/l	-	± -	0.0012	0.032	-	-
	H106 B	18	0	µg/l	0.115	± 0.0123	0.081	0.145	0.0174	15
Terbuthylazin	H106 A	20	0	µg/l	0.169	± 0.00899	0.145	0.19	0.0134	7.9
	H106 B	4	0	µg/l	-	± -	0.005	0.26	-	-
Terbuthylazin-Desethyl	H106 A	15	0	µg/l	0.699	± 0.0671	0.519	0.849	0.0866	12
	H106 B	14	1	µg/l	0.235	± 0.0255	0.148	0.273	0.0318	14
Terbutryn	H106 A	13	0	µg/l	0.245	± 0.033	0.16	0.304	0.0397	16
	H106 B	13	0	µg/l	0.799	± 0.0917	0.62	1.01	0.11	14

## **E1. Description of the proficiency test**

### **E1.1. Design and implementation**

- Number of registrations: 21
- Number of submitted data records: 20
- Dispatch of samples: 25<sup>th</sup> February 2020
- Closing date for submission of data: 31<sup>st</sup> March 2020

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 19<sup>th</sup> February 2020.

The following samples were made available:

- 1 sample ground water (H106 A)
- 1 sample surface water (H106 B)

Both samples were filtered using 0.45 µm membrane disc filters and stored at < 4 °C until further processing. The samples were partly spiked with specific substances.

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 25<sup>th</sup> February 2020.

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 4<sup>th</sup> March 2020 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 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 2019.

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 2019 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 31<sup>st</sup> March 2020. 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 or if the number of results (without outliers) of the group of accredited testing laboratories is too low.

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 2019 (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<sub>n</sub>-Score

Since 2019 additional assessment of the participants' results using E<sub>n</sub>-Scores for proficiency testing of real water samples is performed. 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<sub>n</sub>-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<sub>n</sub>-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<sub>n</sub>-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<sub>n</sub>-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 7 proficiency testing rounds (2013 - 2019) in real samples, evaluation criteria (RSDpool) were calculated. These criteria were compared with the relative reproducibility standard deviation (sR) of the current proficiency testing.

Parameters Chloridazon-Methyl-Desphenyl and Nicosulfuron sample H106 A and parameters Dimethenamid and Nicosulfuron sample H106 B: The assigned values calculated based on the participant results were outside the measurement uncertainty of the control value and thus traceability could not be proven by this procedure. Therefore, new assigned values were defined by the group of accredited participating laboratories after outlier-assessment.

Parameter Atrazin-Desethyl-Desisopropyl sample H106 A: Assigned values were not calculated because of the small number of submitted valid results. For this parameter, we recommend a comparison with the results of the control laboratory.

Parameter Atrazin-Desethyl-Desisopropyl sample H106 B: For this parameter, the current relative reproducibility standard deviation with 32 % was used as the criterion, since there are fewer than  $n = 6$  proficiency testing rounds of long-term evaluation.

## E5. Annotations on tables and charts

### E5.1. Information and abbreviations in tables

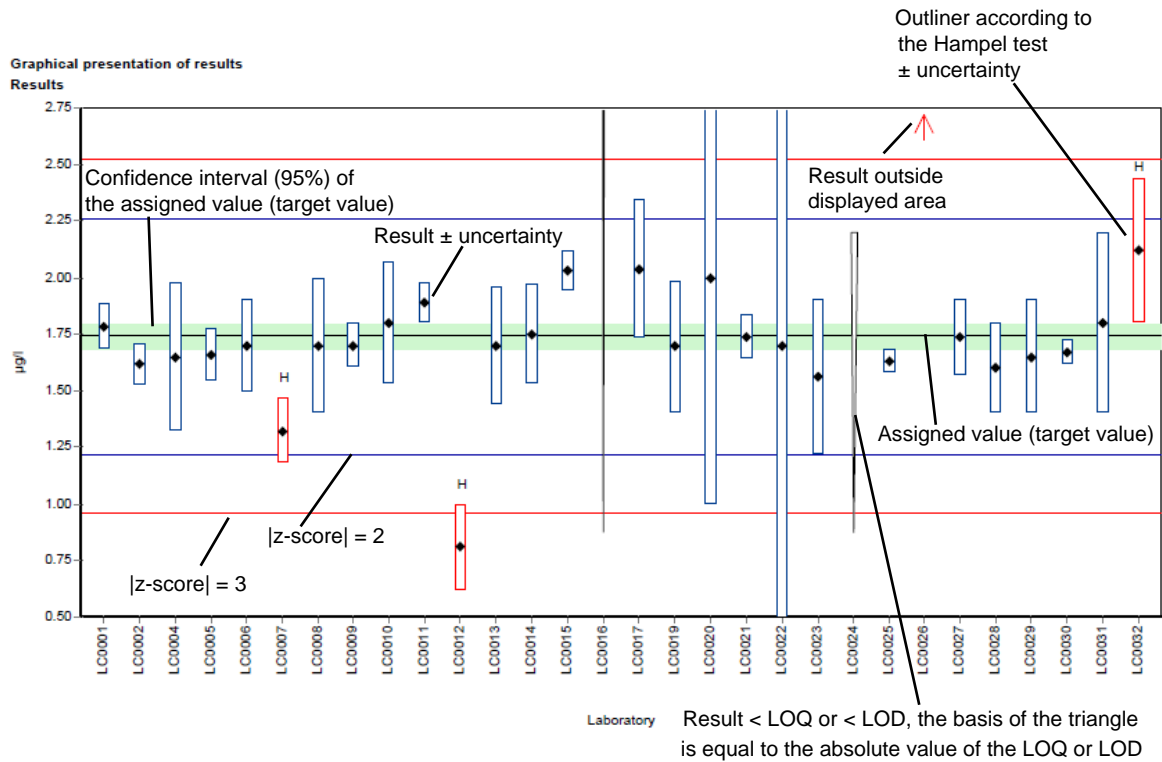
Parameter	Analyte identifier
Sample	Sample identifier
Unit	Given unit for result and uncertainty (e.g. µg/l)
Assigned value	Target value for proficiency assessment of the participants (3 significant digits)
U (k=2)	Expanded uncertainty (k=2) of the assigned value (3 significant digits)
Criterion	Specified 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 <sub>n</sub> -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 <sub>n</sub> -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

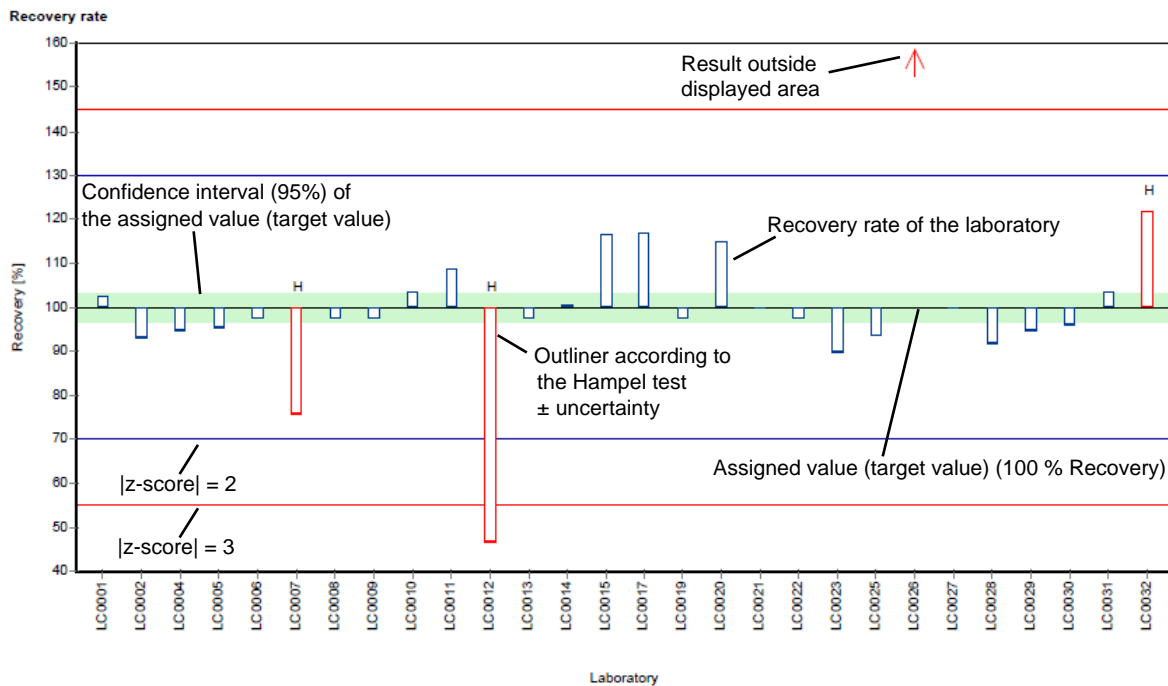
## E5.2. Graphical presentation of results

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

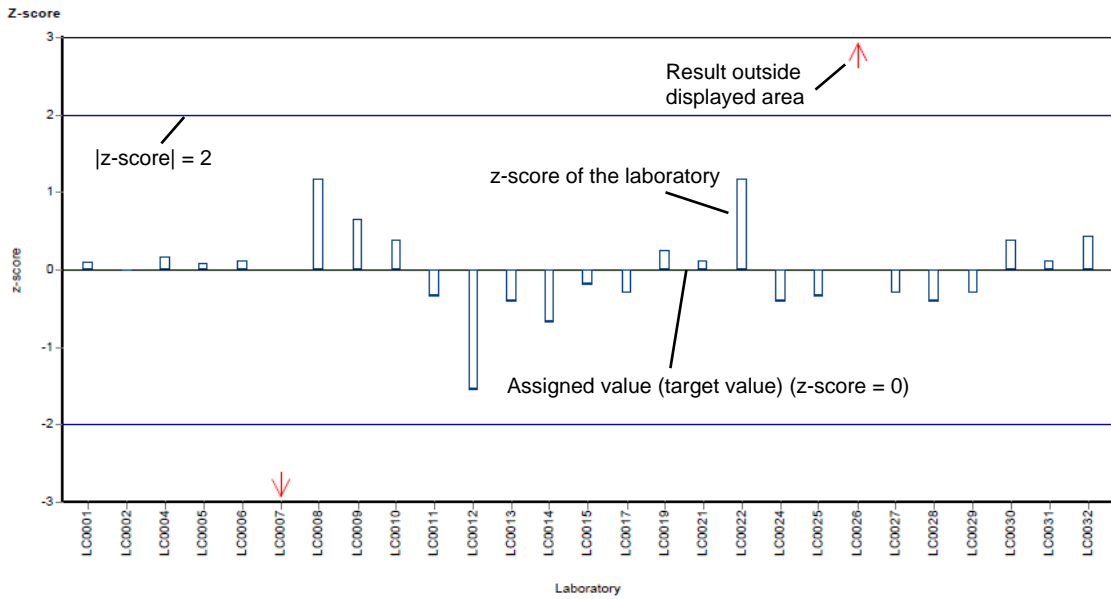
### Example chart: Results



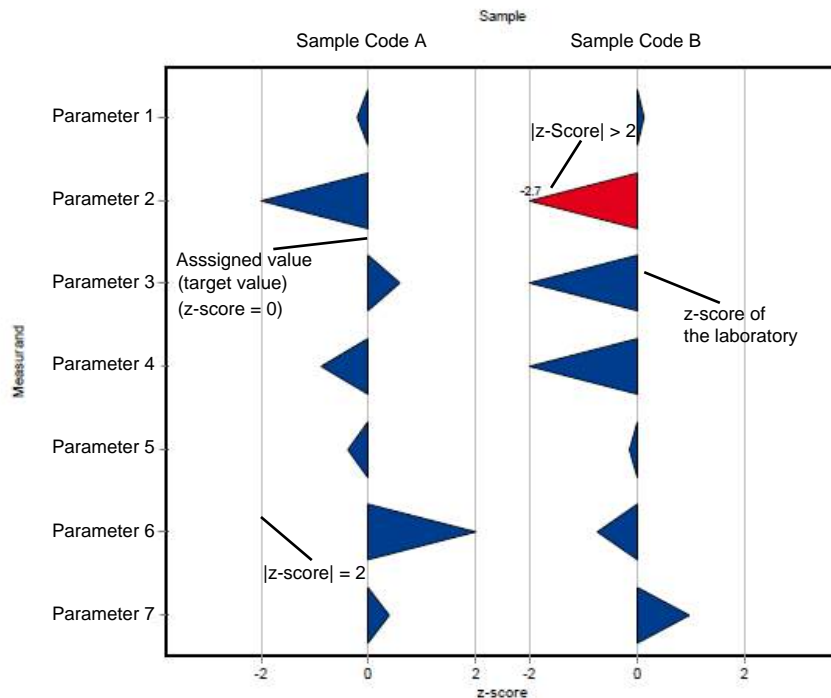
### Example chart: Recovery



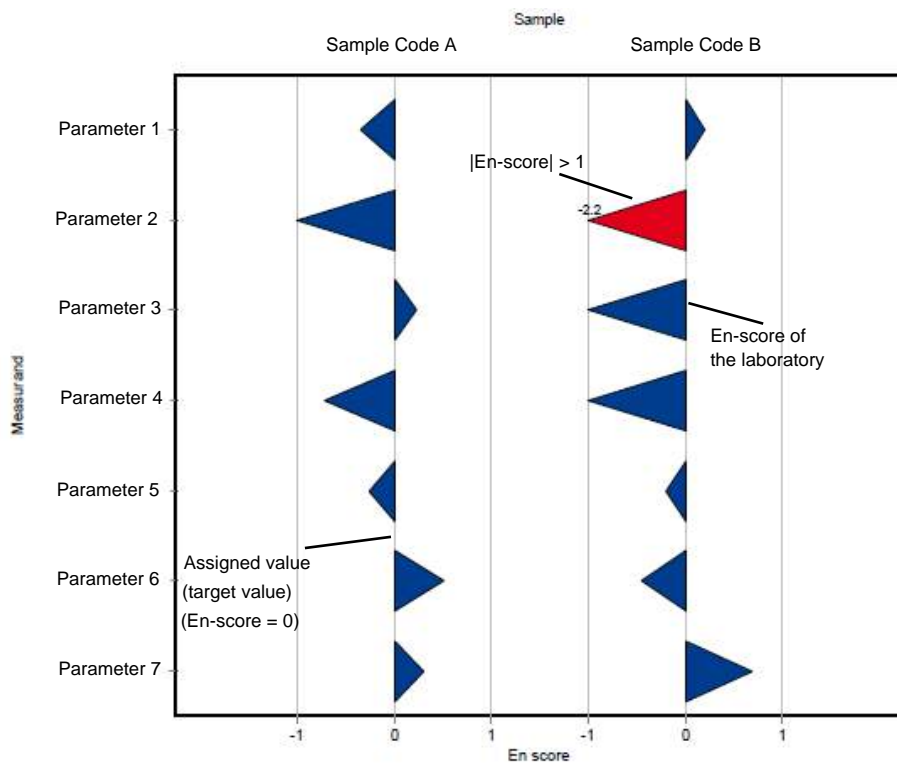
**Example chart: z-score**



**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	H106 A	µg/l	0.449 ±	0.0161	0.0674	15
	H106 B	µg/l	0.241 ±	0.0101	0.0362	15
Alachlor	H106 A	µg/l	0.472 ±	0.0523	0.0566	12
	H106 B	µg/l	0.793 ±	0.0795	0.0951	12
Atrazine	H106 A	µg/l	0.332 ±	0.01	0.0365	11
	H106 B	µg/l	0.45 ±	0.0213	0.0495	11
Atrazine-desethyl	H106 A	µg/l	0.313 ±	0.0148	0.0376	12
	H106 B	µg/l	0.812 ±	0.0437	0.0975	12
Atrazine-desethyl-desisopropyl	H106 A	µg/l	- ±	-	-	-
	H106 B	µg/l	0.33 ±	0.0792	0.105	32
Atrazine-desisopropyl	H106 A	µg/l	0.719 ±	0.0412	0.101	14
	H106 B	µg/l	0.213 ±	0.0138	0.0299	14
Bromacil	H106 A	µg/l	0.892 ±	0.0648	0.125	14
	H106 B	µg/l	0.462 ±	0.0255	0.0646	14
Chloridazon	H106 A	µg/l	0.223 ±	0.0148	0.029	13
	H106 B	µg/l	0.434 ±	0.035	0.0564	13
Chloridazon-desphenyl	H106 A	µg/l	0.363 ±	0.0253	0.0399	11
	H106 B	µg/l	0.173 ±	0.0115	0.019	11
Chloridazon-methyl-desphenyl	H106 A	µg/l	0.0774 ±	0.00456	0.0101	13
	H106 B	µg/l	0.1 ±	0.00951	0.013	13
Clopyralid	H106 A	µg/l	0.272 ±	0.0273	0.0926	34
	H106 B	µg/l	0.421 ±	0.0297	0.143	34
Cyanazine	H106 A	µg/l	0.18 ±	0.0226	0.0252	14
	H106 B	µg/l	0.394 ±	0.0382	0.0552	14
Dimethenamide	H106 A	µg/l	0.898 ±	0.106	0.0889	9.9
	H106 B	µg/l	0.44 ±	0.037	0.0435	9.9
Diuron	H106 A	µg/l	0.444 ±	0.0257	0.0577	13
	H106 B	µg/l	0.441 ±	0.0205	0.0574	13
Metolachlor	H106 A	µg/l	0.486 ±	0.0225	0.0729	15
	H106 B	µg/l	0.808 ±	0.0599	0.121	15
N,N-Dimethylsulfamide (DMS)	H106 A	µg/l	0.2 ±	0.0144	0.0301	15
	H106 B	µg/l	0.401 ±	0.0329	0.0601	15
Nicosulfurone	H106 A	µg/l	0.443 ±	0.0928	0.164	37
	H106 B	µg/l	0.499 ±	0.0752	0.185	37
Prometryn	H106 A	µg/l	0.408 ±	0.0292	0.053	13
	H106 B	µg/l	0.796 ±	0.0789	0.104	13
Propazine	H106 A	µg/l	0.433 ±	0.0312	0.0563	13
	H106 B	µg/l	0.237 ±	0.0166	0.0308	13
Sebuthylazine	H106 A	µg/l	0.26 ±	0.0167	0.0242	9.3
	H106 B	µg/l	0.431 ±	0.0318	0.0401	9.3
Simazine	H106 A	µg/l	- ±	-	-	-
	H106 B	µg/l	0.115 ±	0.00822	0.0126	11
Terbuthylazine	H106 A	µg/l	0.169 ±	0.00599	0.0186	11
	H106 B	µg/l	- ±	-	-	-
Terbuthylazine-desethyl	H106 A	µg/l	0.699 ±	0.0447	0.0769	11
	H106 B	µg/l	0.235 ±	0.017	0.0258	11
Terbutryn	H106 A	µg/l	0.245 ±	0.022	0.0245	10

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Terbutryn	H106 B	µg/l	0.799 ±	0.0611	0.0799	10



## 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	H106 A	17	0	µg/l	0.449	± 0.0242	0.395	0.527	0.0332	7.4
	H106 B	17	0	µg/l	0.241	± 0.0151	0.205	0.285	0.0208	8.6
Alachlor	H106 A	9	0	µg/l	0.472	± 0.0785	0.295	0.558	0.0785	17
	H106 B	9	0	µg/l	0.793	± 0.119	0.595	0.995	0.119	15
Atrazine	H106 A	18	2	µg/l	0.332	± 0.015	0.292	0.386	0.0212	6.4
	H106 B	20	0	µg/l	0.45	± 0.0319	0.362	0.561	0.0476	11
Atrazine-desethyl	H106 A	18	1	µg/l	0.313	± 0.0223	0.255	0.369	0.0315	10
	H106 B	17	2	µg/l	0.812	± 0.0655	0.692	0.99	0.09	11
Atrazine-desethyl-desisopropyl	H106 A	4	3	µg/l	-	± -	0.133	0.144	-	-
	H106 B	7	0	µg/l	0.33	± 0.119	0.24	0.531	0.105	32
Atrazine-desisopropyl	H106 A	15	1	µg/l	0.719	± 0.0618	0.606	0.9	0.0798	11
	H106 B	15	1	µg/l	0.213	± 0.0208	0.187	0.27	0.0268	13
Bromacil	H106 A	12	0	µg/l	0.892	± 0.0972	0.609	1.01	0.112	13
	H106 B	12	0	µg/l	0.462	± 0.0382	0.407	0.545	0.0441	9.6
Chloridazon	H106 A	14	1	µg/l	0.223	± 0.0223	0.164	0.263	0.0278	12
	H106 B	15	0	µg/l	0.434	± 0.0526	0.301	0.55	0.0679	16
Chloridazon-desphenyl	H106 A	11	2	µg/l	0.363	± 0.0379	0.295	0.454	0.0419	12
	H106 B	12	1	µg/l	0.173	± 0.0172	0.138	0.203	0.0199	12
Chloridazon-methyl-desphenyl	H106 A	11	2	µg/l	0.0783	± 0.00632	0.064	0.0884	0.00699	8.9
	H106 B	13	0	µg/l	0.1	± 0.0143	0.077	0.135	0.0171	17
Clopyralid	H106 A	8	0	µg/l	0.272	± 0.0409	0.226	0.325	0.0386	14
	H106 B	8	0	µg/l	0.421	± 0.0445	0.357	0.47	0.0419	10
Cyanazine	H106 A	11	0	µg/l	0.18	± 0.034	0.135	0.26	0.0375	21
	H106 B	10	1	µg/l	0.394	± 0.0574	0.32	0.475	0.0605	15
Dimethenamide	H106 A	14	0	µg/l	0.898	± 0.159	0.542	1.21	0.198	22
	H106 B	14	0	µg/l	0.457	± 0.0515	0.352	0.596	0.0642	14
Diuron	H106 A	16	1	µg/l	0.444	± 0.0386	0.358	0.57	0.0515	12

Parameter	Sample	Number of results for calculation	Number of outliers	Unit	Mean	± CI (99%)	Minimum	Maximum	sR	vR [%]
Diuron	H106 B	16	1	µg/l	0.441	± 0.0308	0.381	0.524	0.0411	9.3
Metolachlor	H106 A	18	2	µg/l	0.486	± 0.0338	0.373	0.55	0.0478	9.8
	H106 B	19	1	µg/l	0.808	± 0.0898	0.532	0.995	0.131	16
N,N-Dimethylsulfamide (DMS)	H106 A	11	0	µg/l	0.2	± 0.0217	0.154	0.23	0.024	12
	H106 B	11	0	µg/l	0.401	± 0.0494	0.312	0.51	0.0546	14
Nicosulfurone	H106 A	10	0	µg/l	0.422	± 0.0932	0.297	0.623	0.0982	23
	H106 B	10	0	µg/l	0.472	± 0.0832	0.335	0.644	0.0877	19
Prometryn	H106 A	9	1	µg/l	0.408	± 0.0437	0.328	0.49	0.0437	11
	H106 B	10	0	µg/l	0.796	± 0.118	0.581	0.954	0.125	16
Propazine	H106 A	13	0	µg/l	0.433	± 0.0467	0.36	0.54	0.0562	13
	H106 B	13	0	µg/l	0.237	± 0.0249	0.194	0.302	0.0299	13
Sebuthylazine	H106 A	12	1	µg/l	0.26	± 0.0251	0.216	0.31	0.029	11
	H106 B	12	1	µg/l	0.431	± 0.0477	0.334	0.534	0.0551	13
Simazine	H106 A	3	0	µg/l	-	± -	0.0012	0.032	-	-
	H106 B	18	0	µg/l	0.115	± 0.0123	0.081	0.145	0.0174	15
Terbuthylazine	H106 A	20	0	µg/l	0.169	± 0.00899	0.145	0.19	0.0134	7.9
	H106 B	4	0	µg/l	-	± -	0.005	0.26	-	-
Terbuthylazine-desethyl	H106 A	15	0	µg/l	0.699	± 0.0671	0.519	0.849	0.0866	12
	H106 B	14	1	µg/l	0.235	± 0.0255	0.148	0.273	0.0318	14
Terbutryn	H106 A	13	0	µg/l	0.245	± 0.033	0.16	0.304	0.0397	16
	H106 B	13	0	µg/l	0.799	± 0.0917	0.62	1.01	0.11	14

## E7. Parameterorientierte Auswertung / Parameter oriented report

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## Parameter oriented report

### H106 A

#### 2,6-Dichlorobenzamide

Unit	µg/l
Assigned value ± U (k=2)	0.449 ± 0.0161
Criterion	0.0674 (15 %)
Minimum - Maximum	0.395 - 0.527
Control test value ± U (k=2)	0.451 ± 0.0676

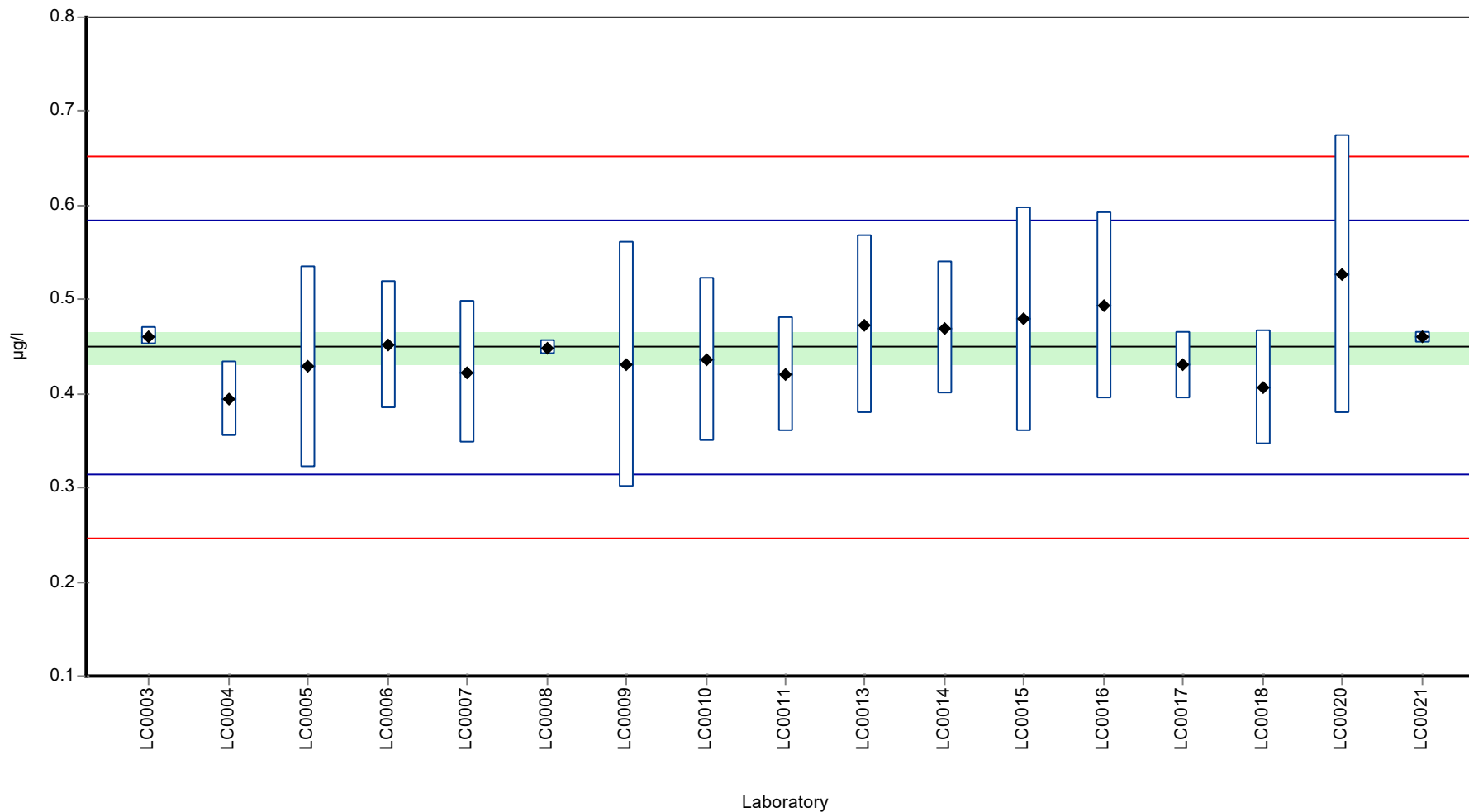
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.4611	0.0091	103	0.18	
LC0004	0.395	0.04	87.9	-0.8	
LC0005	0.429	0.107	95.5	-0.3	
LC0006	0.452	0.068	101	0.04	
LC0007	0.423	0.076	94.2	-0.39	
LC0008	0.449	0.008	100	0.00	
LC0009	0.431	0.13	96	-0.27	
LC0010	0.436	0.087	97.1	-0.2	
LC0011	0.42	0.061	93.5	-0.43	
LC0012	-	-	-	-	
LC0013	0.473	0.095	105	0.35	
LC0014	0.47	0.07	105	0.31	
LC0015	0.4789	0.1197	107	0.44	
LC0016	0.493	0.099	110	0.65	
LC0017	0.4303	0.036	95.8	-0.28	
LC0018	0.407	0.061	90.6	-0.63	
LC0019	-	-	-	-	
LC0020	0.527	0.148	117	1.16	
LC0021	0.46	0.006	102	0.16	

#### Characteristics of parameter

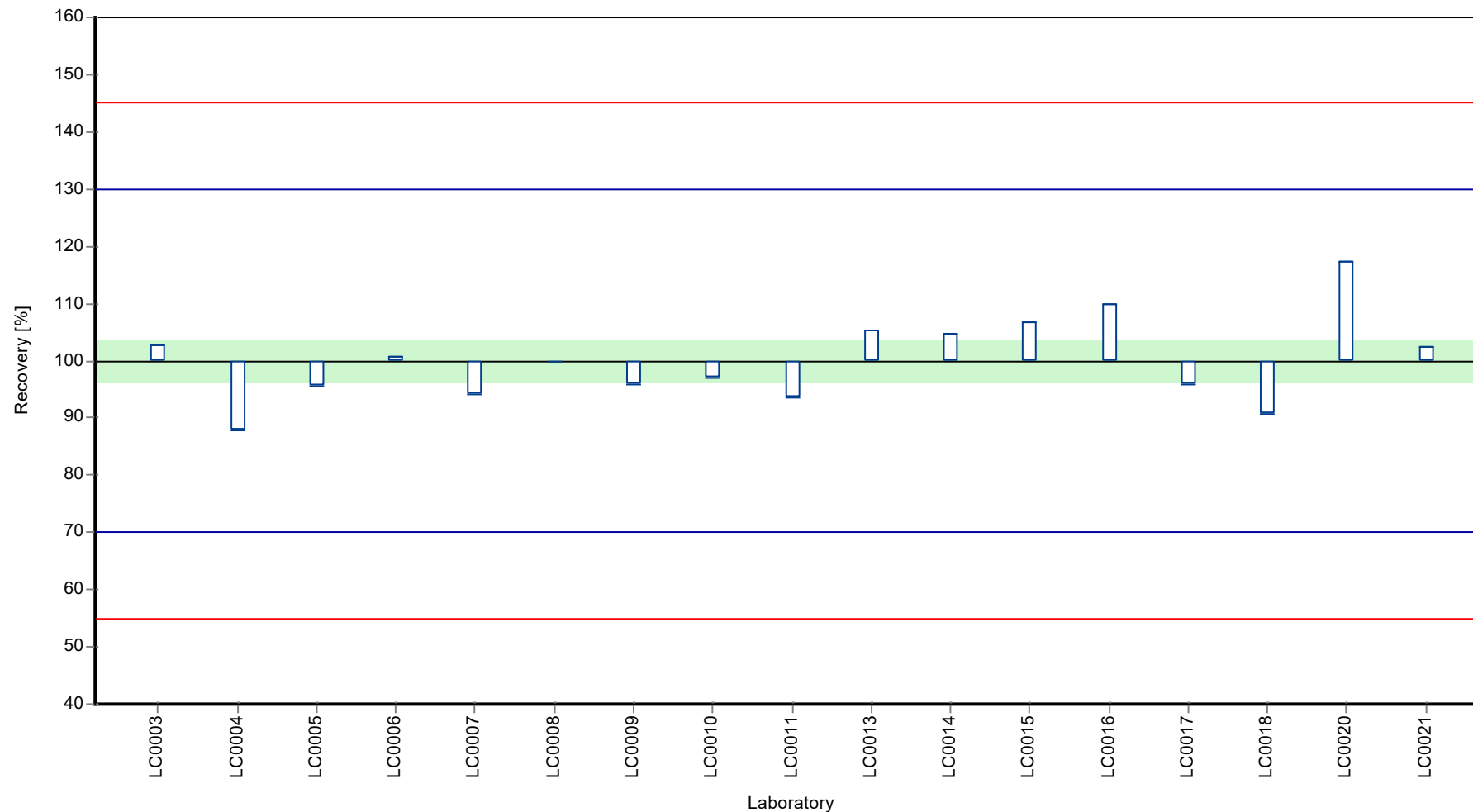
	all results	without outliers	Unit
Mean ± CI (99%)	0.449 ± 0.0242	0.449 ± 0.0242	µg/l
Minimum	0.395	0.395	µg/l
Maximum	0.527	0.527	µg/l
Standard deviation	0.0332	0.0332	µg/l
rel. standard deviation	7.39	7.39	%
n	17	17	-

Graphical presentation of results

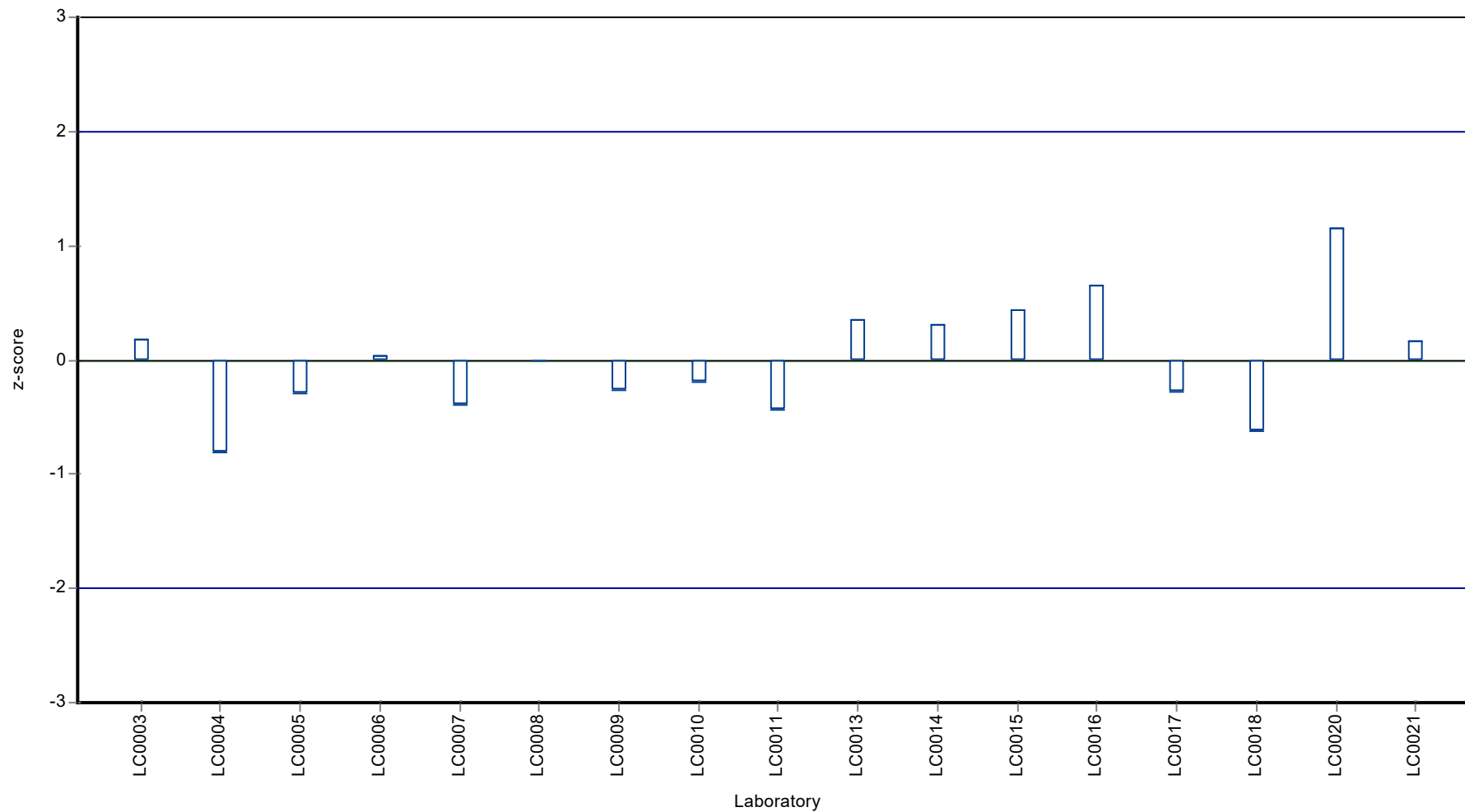
Results



**Recovery rate**



**Z-score**



## Parameter oriented report

### H106 B

#### 2,6-Dichlorobenzamide

Unit	µg/l
Assigned value ± U (k=2)	0.241 ± 0.0101
Criterion	0.0362 (15 %)
Minimum - Maximum	0.205 - 0.285
Control test value ± U (k=2)	0.229 ± 0.0343

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.2564	0.0072	106	0.41	
LC0004	0.212	0.021	87.8	-0.81	
LC0005	0.235	0.059	97.4	-0.18	
LC0006	0.243	0.036	101	0.04	
LC0007	0.245	0.044	102	0.1	
LC0008	0.232	0.008	96.1	-0.26	
LC0009	0.243	0.073	101	0.04	
LC0010	0.232	0.046	96.1	-0.26	
LC0011	0.225	0.033	93.2	-0.45	
LC0012	-	-	-	-	
LC0013	0.231	0.046	95.7	-0.29	
LC0014	0.24	0.04	99.4	-0.04	
LC0015	0.2737	0.0684	113	0.89	
LC0016	0.267	0.053	111	0.71	
LC0017	0.2053	0.018	85.1	-1	
LC0018	0.227	0.034	94	-0.4	
LC0019	-	-	-	-	
LC0020	0.285	0.08	118	1.2	
LC0021	0.251	0.002	104	0.27	

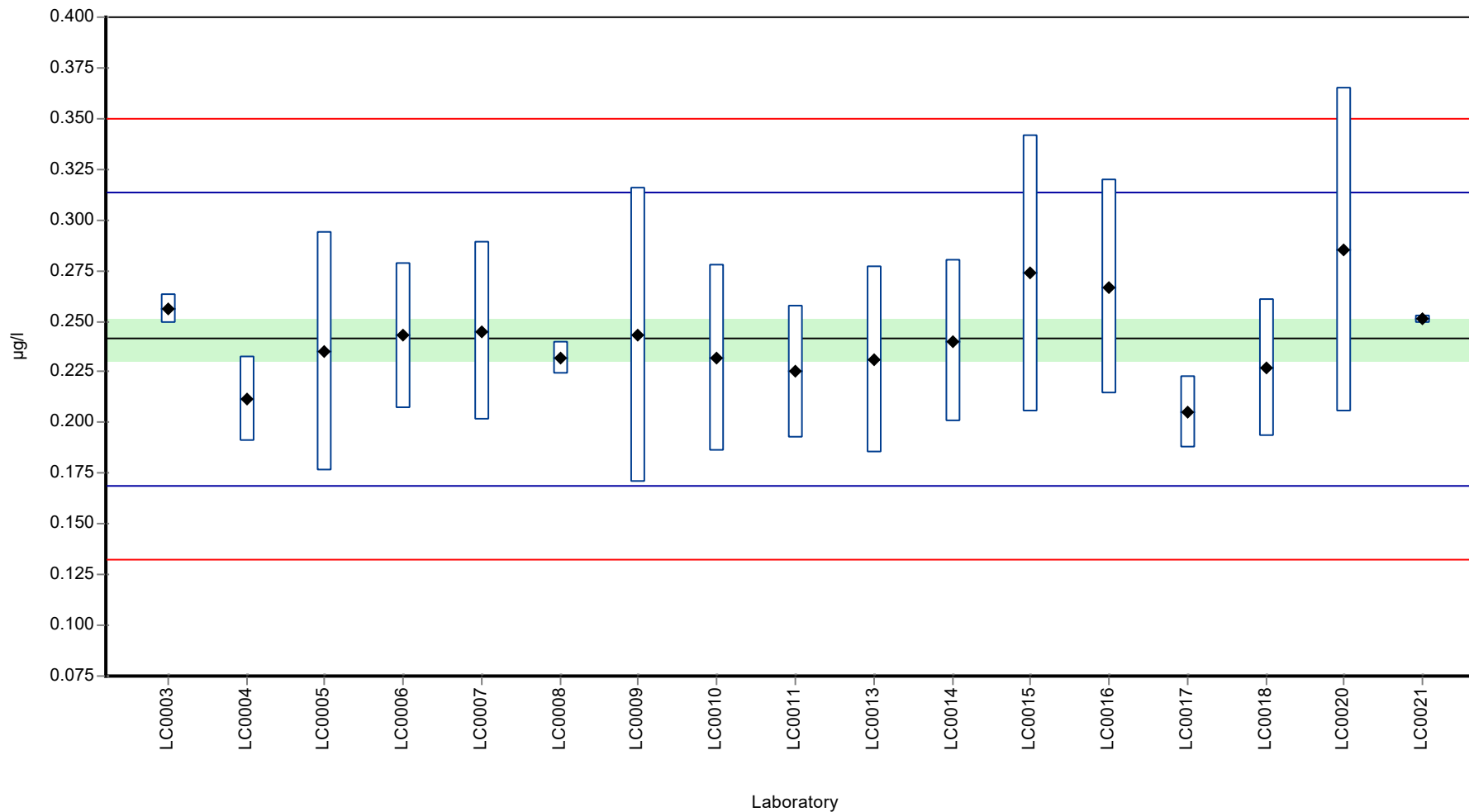
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.241 ± 0.0151	0.241 ± 0.0151	µg/l
Minimum	0.205	0.205	µg/l
Maximum	0.285	0.285	µg/l
Standard deviation	0.0208	0.0208	µg/l
rel. standard deviation	8.61	8.61	%
n	17	17	-

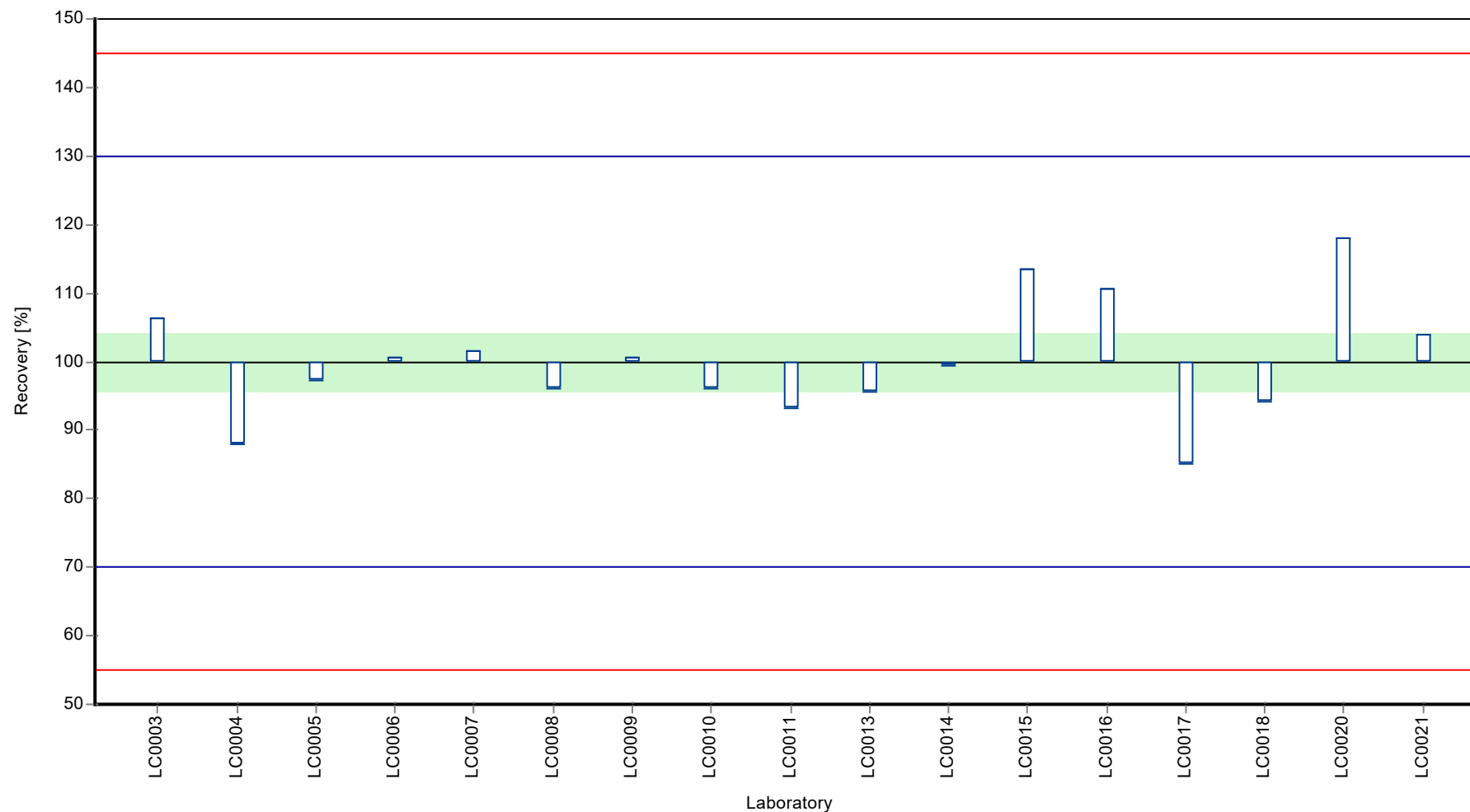


Graphical presentation of results

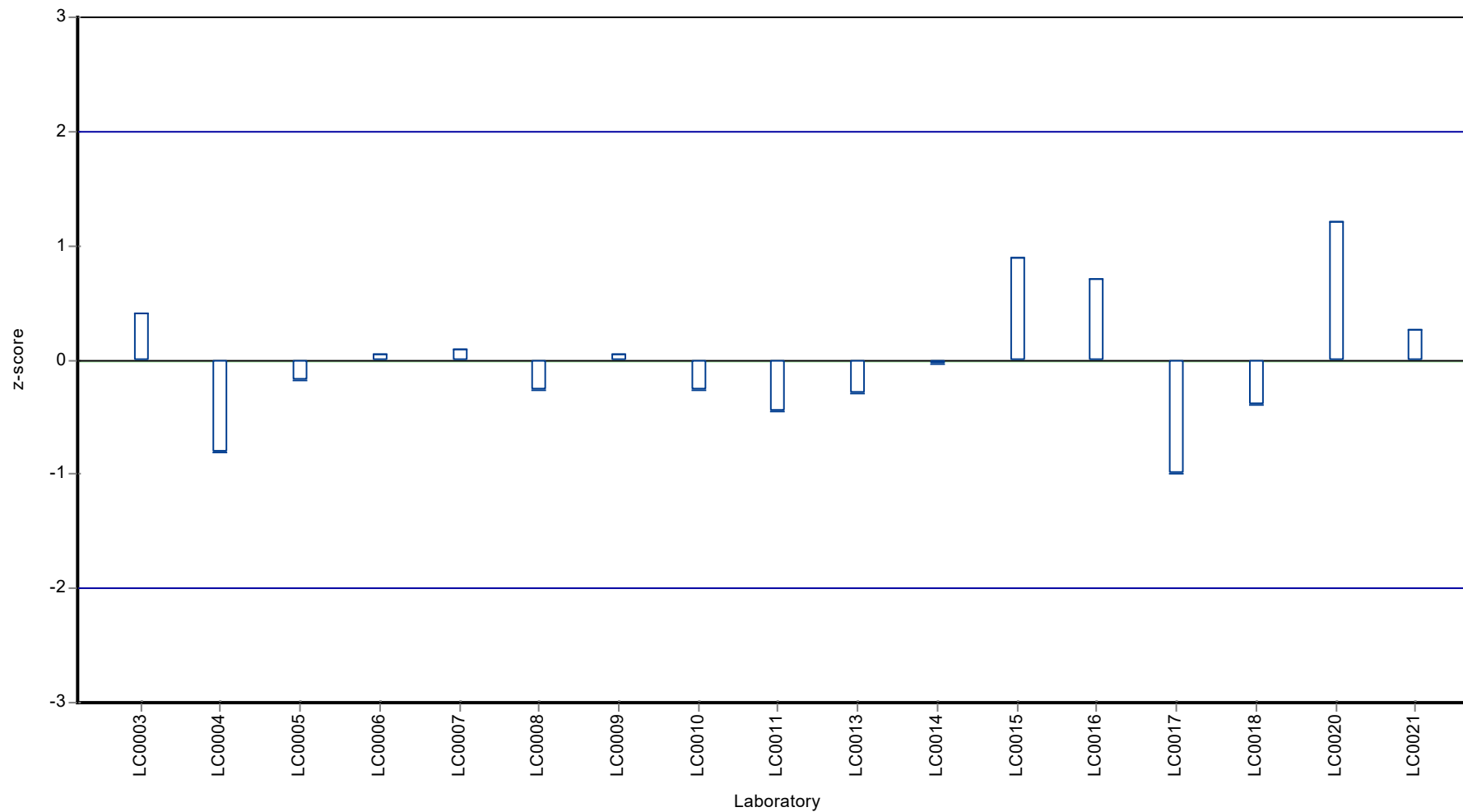
Results



**Recovery rate**



**Z-score**



## Parameter oriented report

### H106 A

#### Alachlor

Unit	µg/l
Assigned value ± U (k=2)	0.472 ± 0.0523
Criterion	0.0566 (12 %)
Minimum - Maximum	0.295 - 0.558
Control test value ± U (k=2)	0.486 ± 0.0729

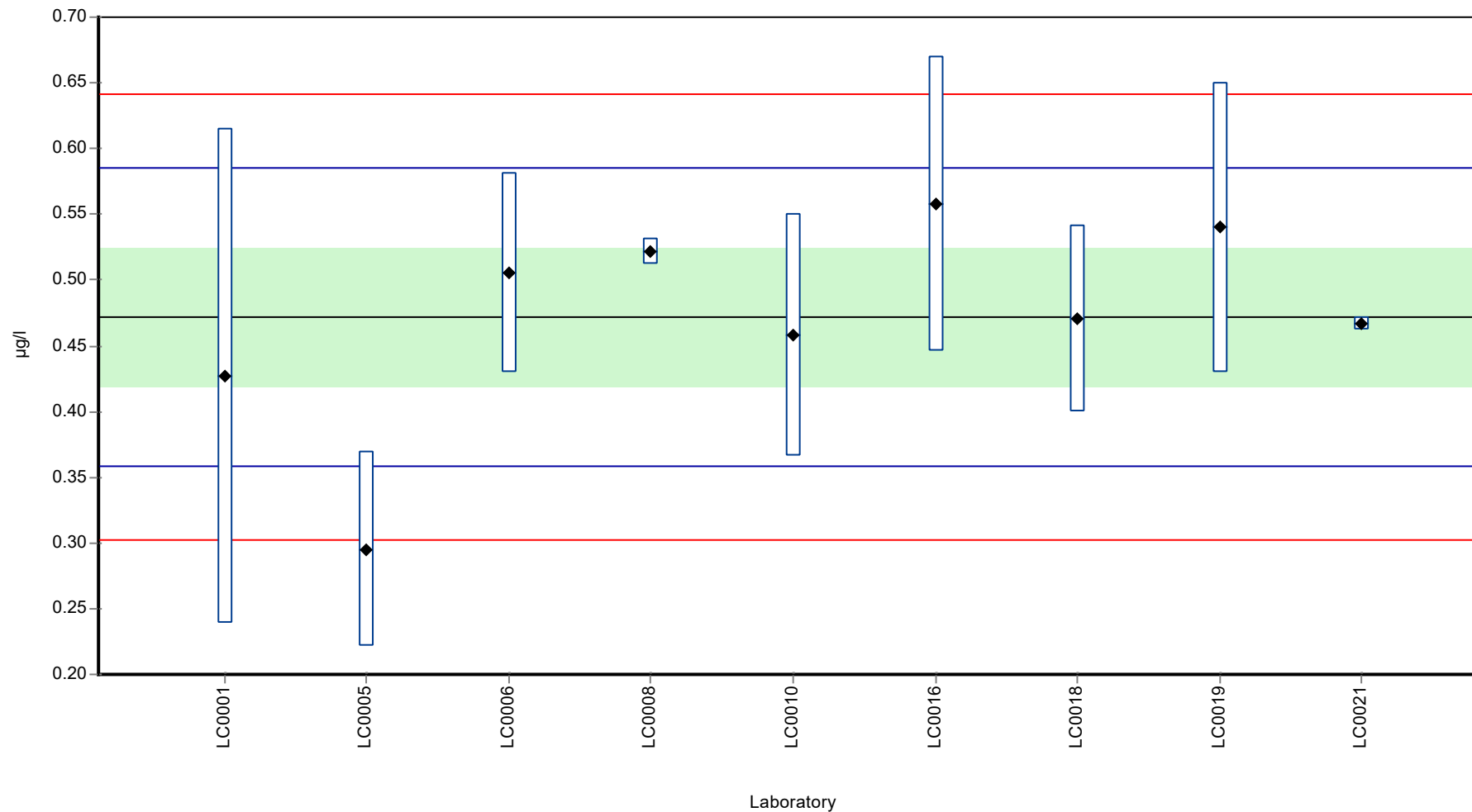
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.427	0.188	90.6	-0.79	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.295	0.074	62.6	-3.12	
LC0006	0.506	0.076	107	0.61	
LC0007	-	-	-	-	
LC0008	0.522	0.01	111	0.89	
LC0009	-	-	-	-	
LC0010	0.458	0.092	97.1	-0.24	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.558	0.112	118	1.53	
LC0017	-	-	-	-	
LC0018	0.471	0.071	99.9	-0.01	
LC0019	0.54	0.11	115	1.21	
LC0020	-	-	-	-	
LC0021	0.467	0.005	99	-0.08	

#### Characteristics of parameter

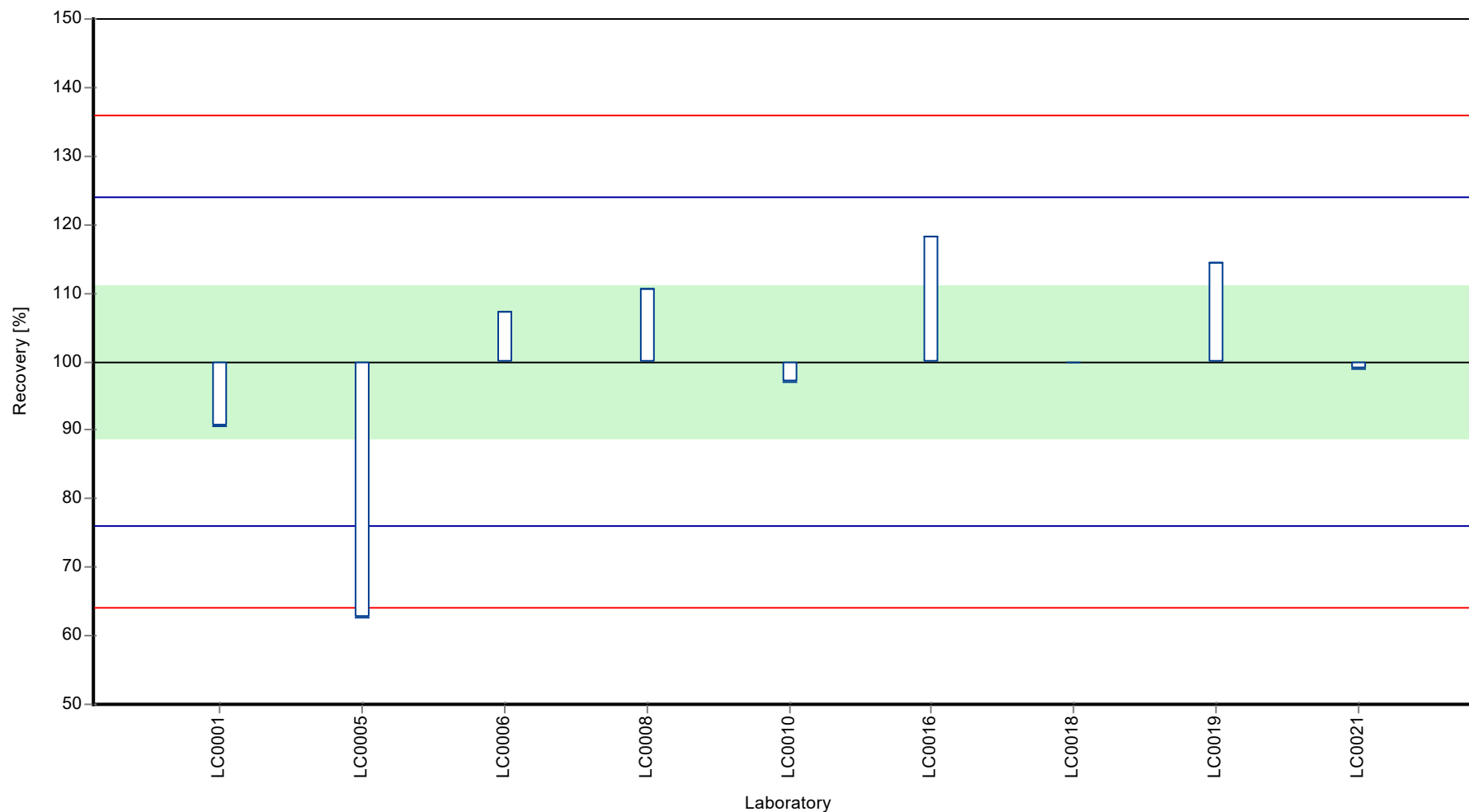
	all results	without outliers	Unit
Mean ± CI (99%)	0.472 ± 0.0785	0.472 ± 0.0785	µg/l
Minimum	0.295	0.295	µg/l
Maximum	0.558	0.558	µg/l
Standard deviation	0.0785	0.0785	µg/l
rel. standard deviation	16.6	16.6	%
n	9	9	-

Graphical presentation of results

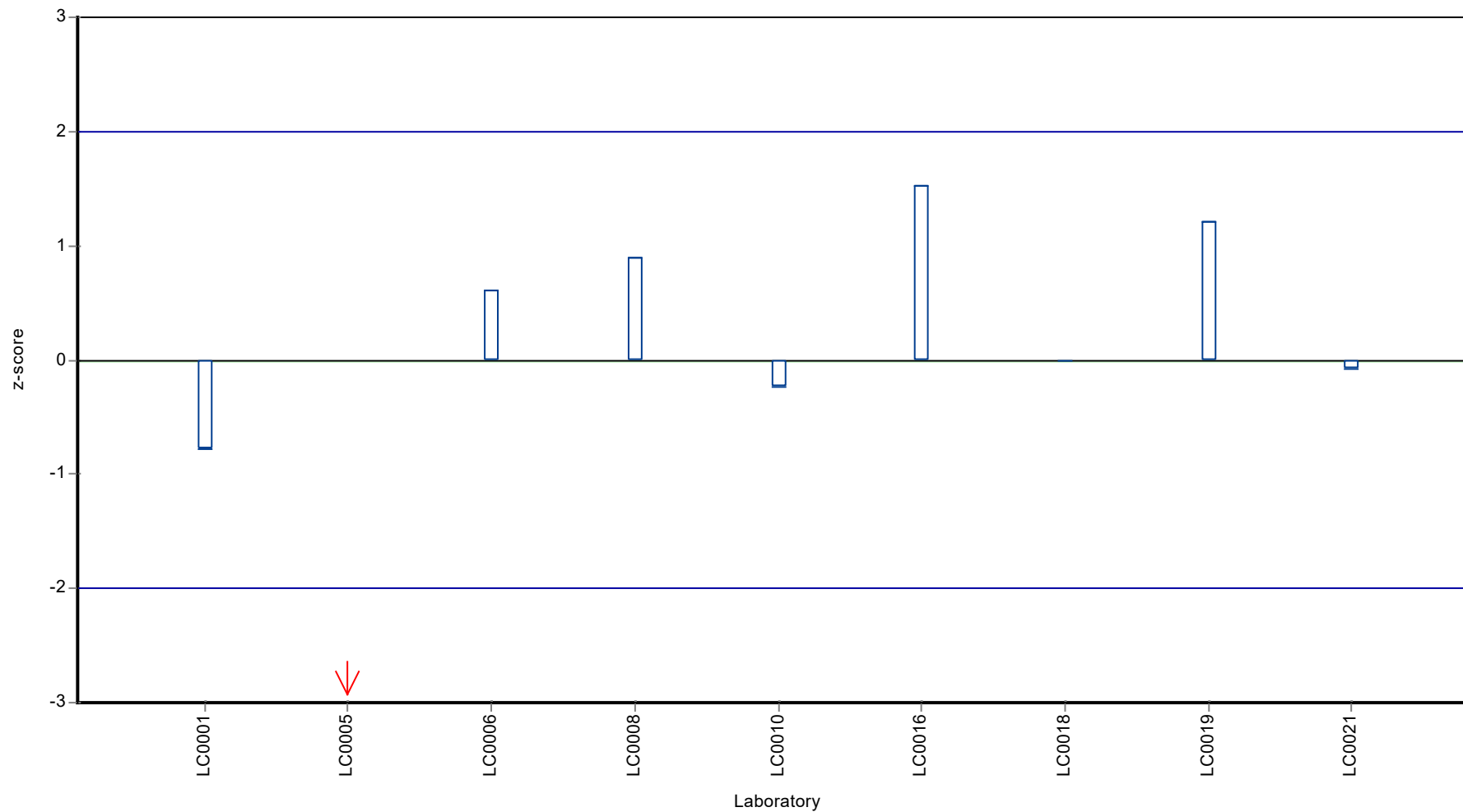
Results



**Recovery rate**



**Z-score**



## Parameter oriented report

### H106 B

#### Alachlor

Unit	µg/l
Assigned value ± U (k=2)	0.793 ± 0.0795
Criterion	0.0951 (12 %)
Minimum - Maximum	0.595 - 0.995
Control test value ± U (k=2)	0.804 ± 0.121

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.646	0.284	81.5	-1.54	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.595	0.149	75.1	-2.08	
LC0006	0.772	0.115	97.4	-0.22	
LC0007	-	-	-	-	
LC0008	0.868	0.018	109	0.79	
LC0009	-	-	-	-	
LC0010	0.776	0.155	97.9	-0.18	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.995	0.199	126	2.13	
LC0017	-	-	-	-	
LC0018	0.818	0.123	103	0.27	
LC0019	0.8	0.16	101	0.08	
LC0020	-	-	-	-	
LC0021	0.865	0.046	109	0.76	

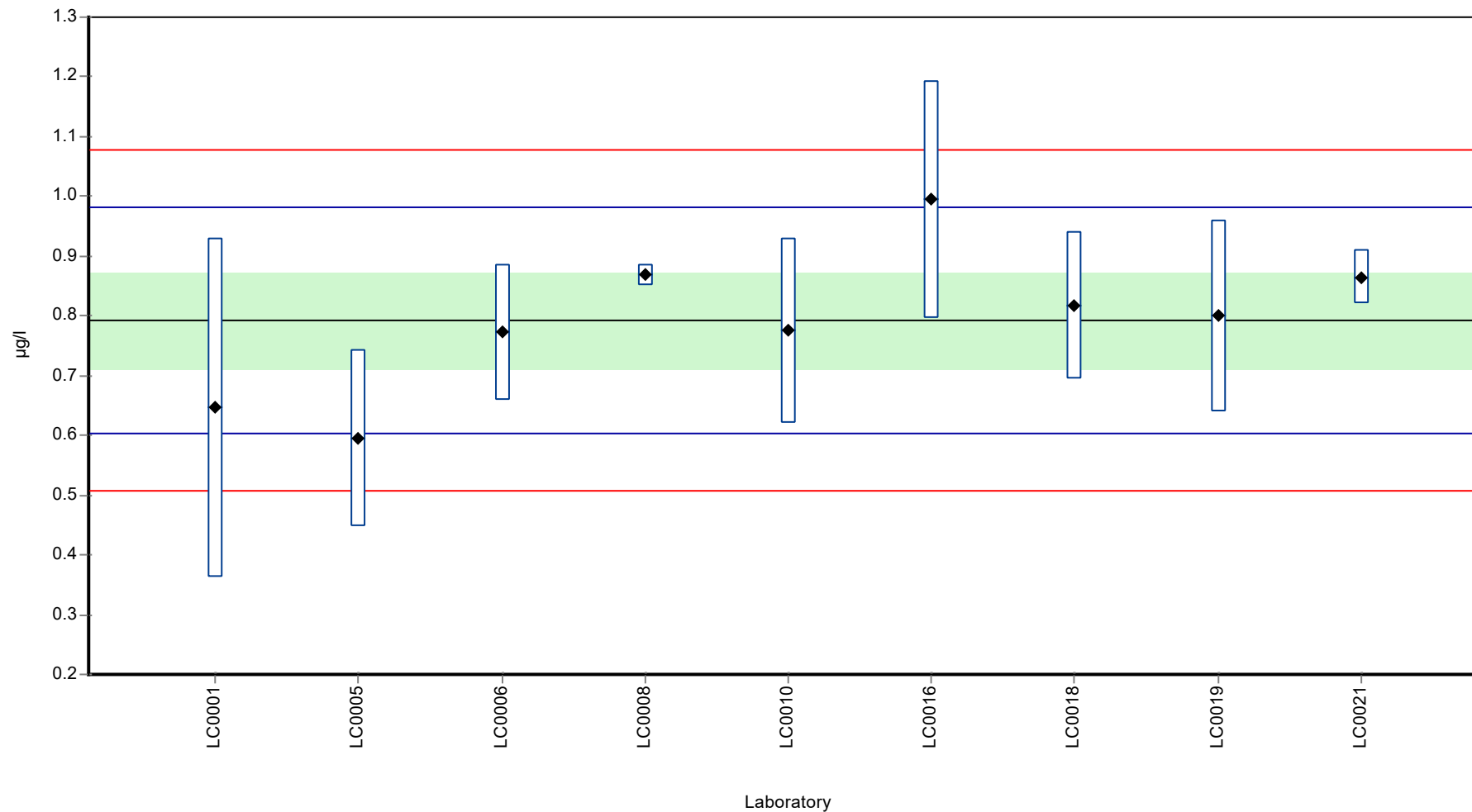
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.793 ± 0.119	0.793 ± 0.119	µg/l
Minimum	0.595	0.595	µg/l
Maximum	0.995	0.995	µg/l
Standard deviation	0.119	0.119	µg/l
rel. standard deviation	15	15	%
n	9	9	-

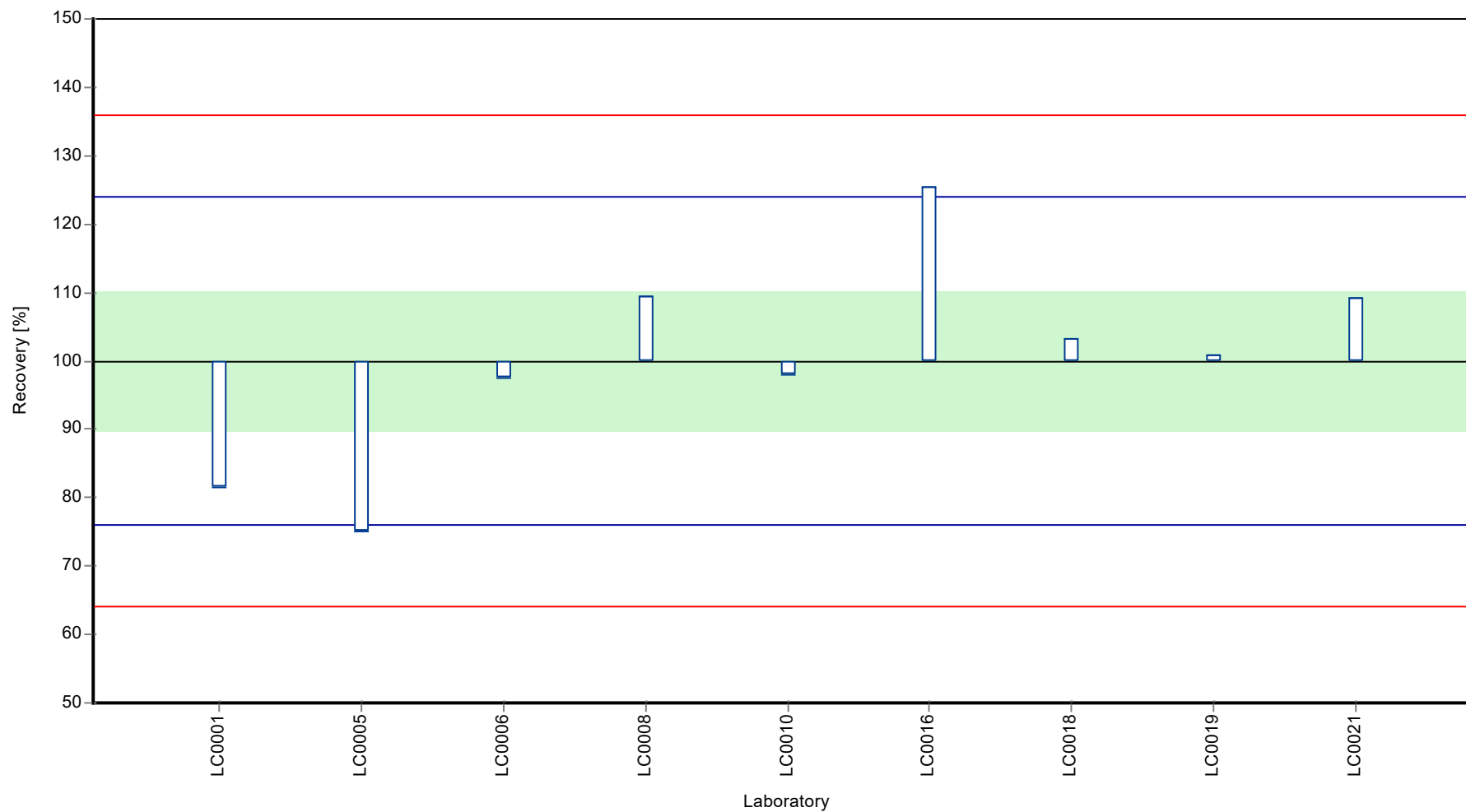


Graphical presentation of results

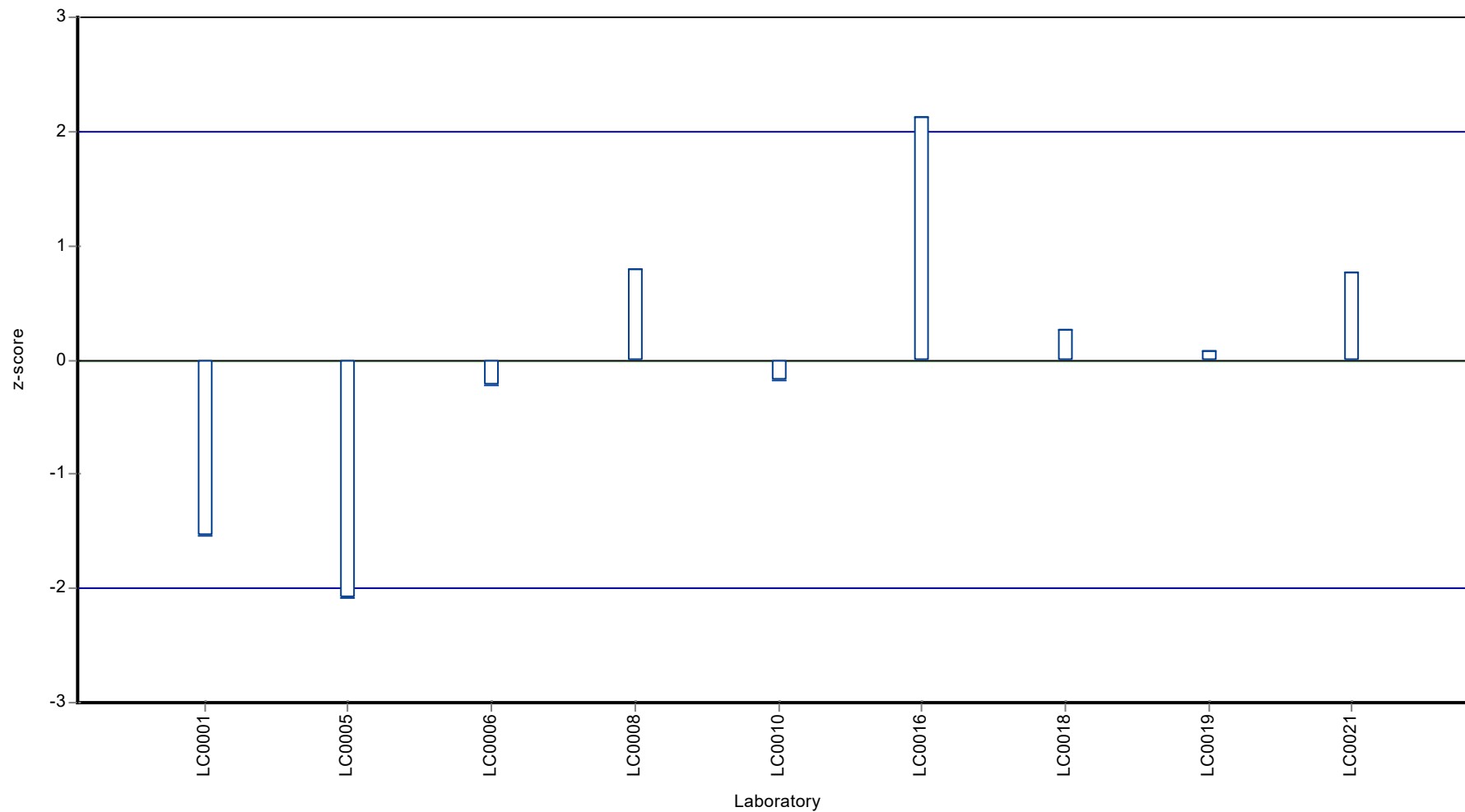
Results



**Recovery rate**



**Z-score**



## Parameter oriented report

### H106 A

#### Atrazine

Unit	µg/l
Assigned value ± U (k=2)	0.332 ± 0.01
Criterion	0.0365 (11 %)
Minimum - Maximum	0.292 - 0.386
Control test value ± U (k=2)	0.312 ± 0.0468

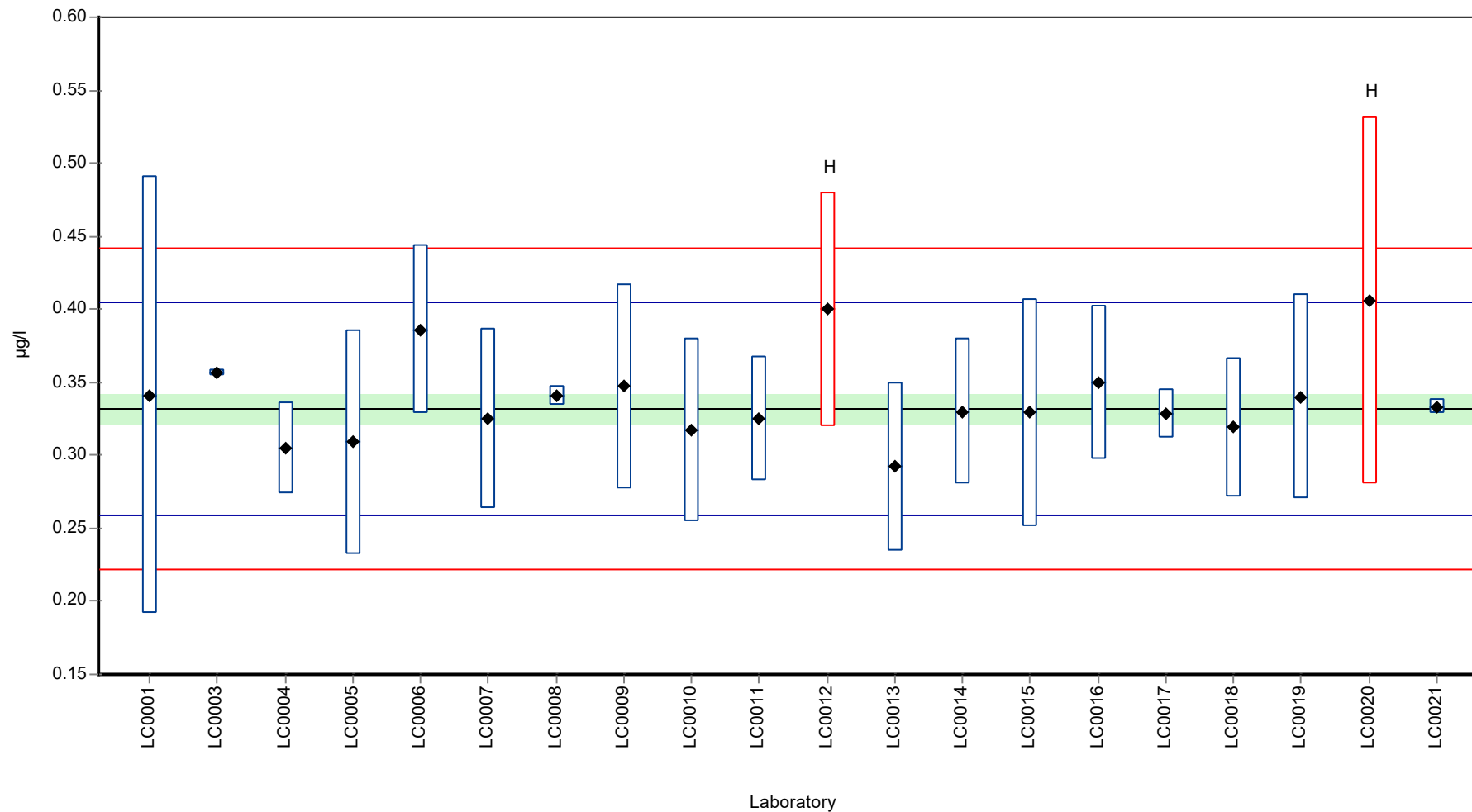
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.341	0.15	103	0.25	
LC0002	-	-	-	-	
LC0003	0.3566	0.0019	107	0.68	
LC0004	0.305	0.031	91.9	-0.74	
LC0005	0.309	0.077	93.1	-0.63	
LC0006	0.386	0.058	116	1.48	
LC0007	0.325	0.062	97.9	-0.19	
LC0008	0.341	0.007	103	0.25	
LC0009	0.347	0.07	105	0.41	
LC0010	0.317	0.063	95.5	-0.41	
LC0011	0.325	0.043	97.9	-0.19	
LC0012	0.4	0.08	121	1.87	H
LC0013	0.292	0.058	88	-1.09	
LC0014	0.33	0.05	99.4	-0.05	
LC0015	0.3291	0.0777	99.2	-0.08	
LC0016	0.35	0.053	105	0.5	
LC0017	0.3285	0.017	99	-0.09	
LC0018	0.319	0.048	96.1	-0.35	
LC0019	0.34	0.07	102	0.22	
LC0020	0.406	0.126	122	2.03	H
LC0021	0.333	0.005	100	0.03	

#### Characteristics of parameter

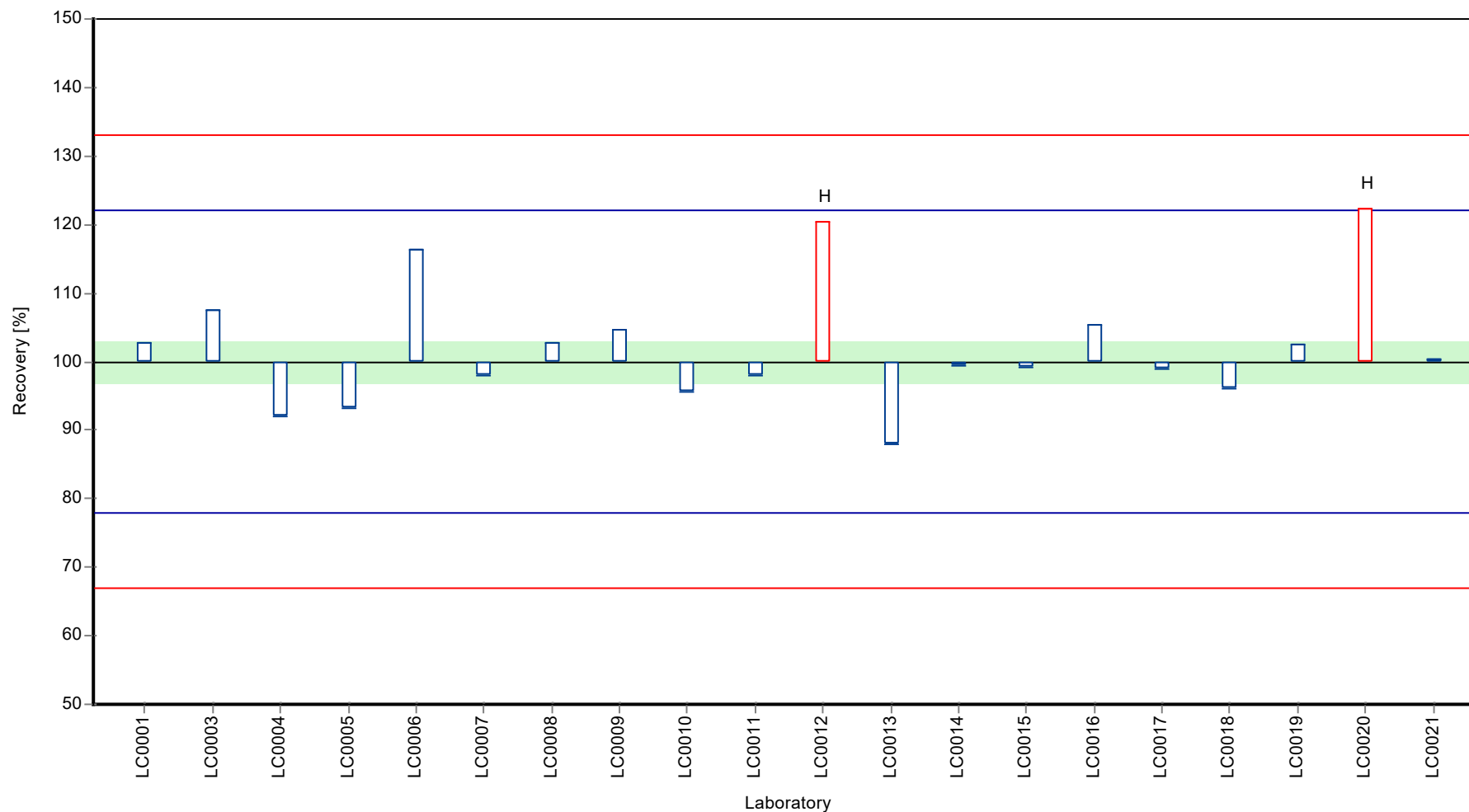
	all results	without outliers	Unit
Mean ± CI (99%)	0.339 ± 0.0199	0.332 ± 0.015	µg/l
Minimum	0.292	0.292	µg/l
Maximum	0.406	0.386	µg/l
Standard deviation	0.0297	0.0212	µg/l
rel. standard deviation	8.77	6.4	%
n	20	18	-

Graphical presentation of results

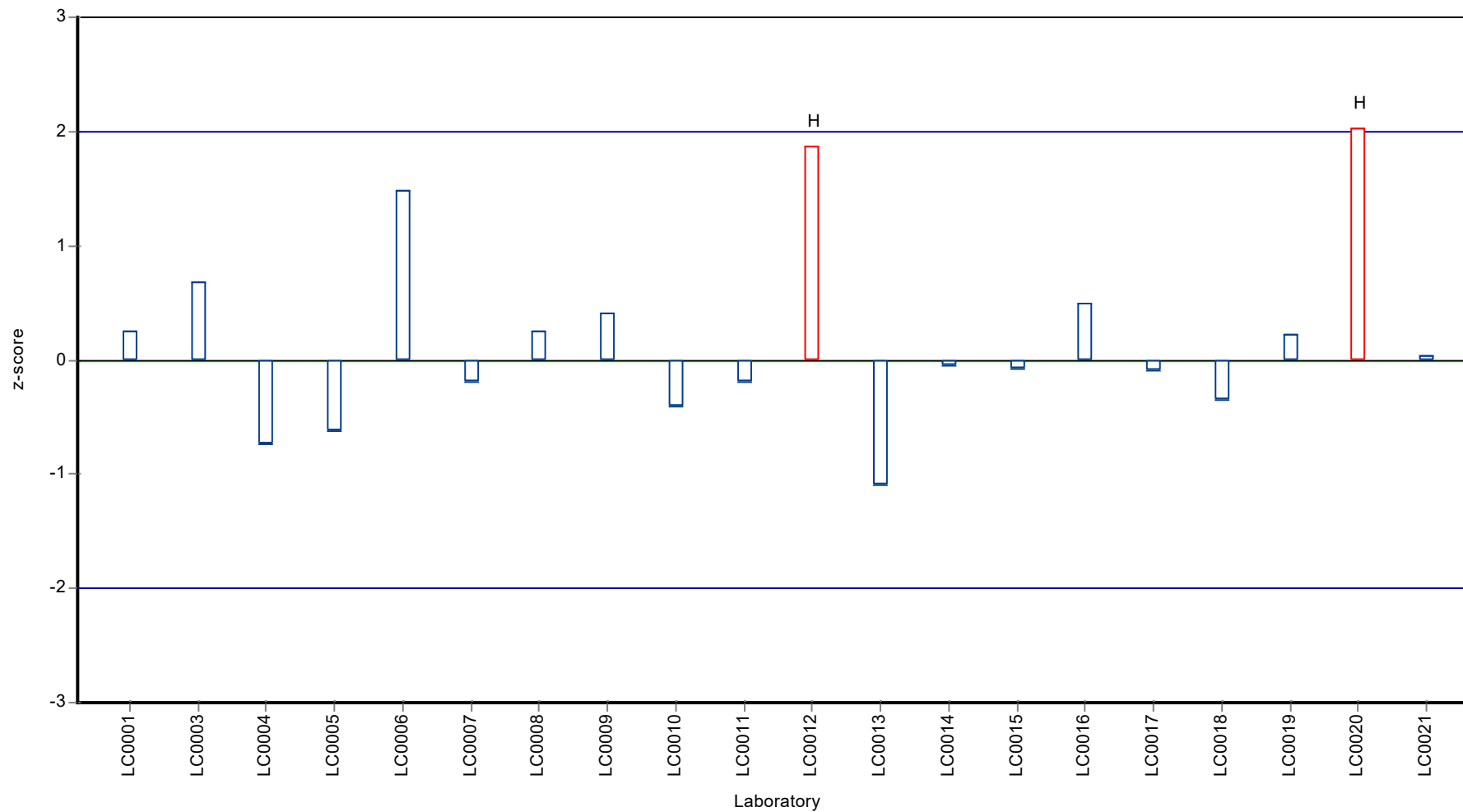
Results



Recovery rate



Z-score



## Parameter oriented report

### H106 B

#### Atrazine

Unit	µg/l
Assigned value ± U (k=2)	0.45 ± 0.0213
Criterion	0.0495 (11 %)
Minimum - Maximum	0.362 - 0.561
Control test value ± U (k=2)	0.427 ± 0.0641

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.362	0.159	80.5	-1.77	
LC0002	-	-	-	-	
LC0003	0.4946	0.0054	110	0.91	
LC0004	0.419	0.042	93.2	-0.62	
LC0005	0.409	0.102	91	-0.82	
LC0006	0.503	0.075	112	1.08	
LC0007	0.432	0.082	96.1	-0.35	
LC0008	0.458	0.007	102	0.17	
LC0009	0.461	0.093	103	0.23	
LC0010	0.421	0.084	93.7	-0.58	
LC0011	0.49	0.065	109	0.82	
LC0012	0.465	0.093	103	0.31	
LC0013	0.365	0.073	81.2	-1.71	
LC0014	0.48	0.07	107	0.62	
LC0015	0.456	0.1077	101	0.13	
LC0016	0.495	0.074	110	0.92	
LC0017	0.4115	0.034	91.5	-0.77	
LC0018	0.433	0.065	96.3	-0.33	
LC0019	0.44	0.09	97.9	-0.19	
LC0020	0.561	0.174	125	2.25	
LC0021	0.434	0.007	96.6	-0.31	

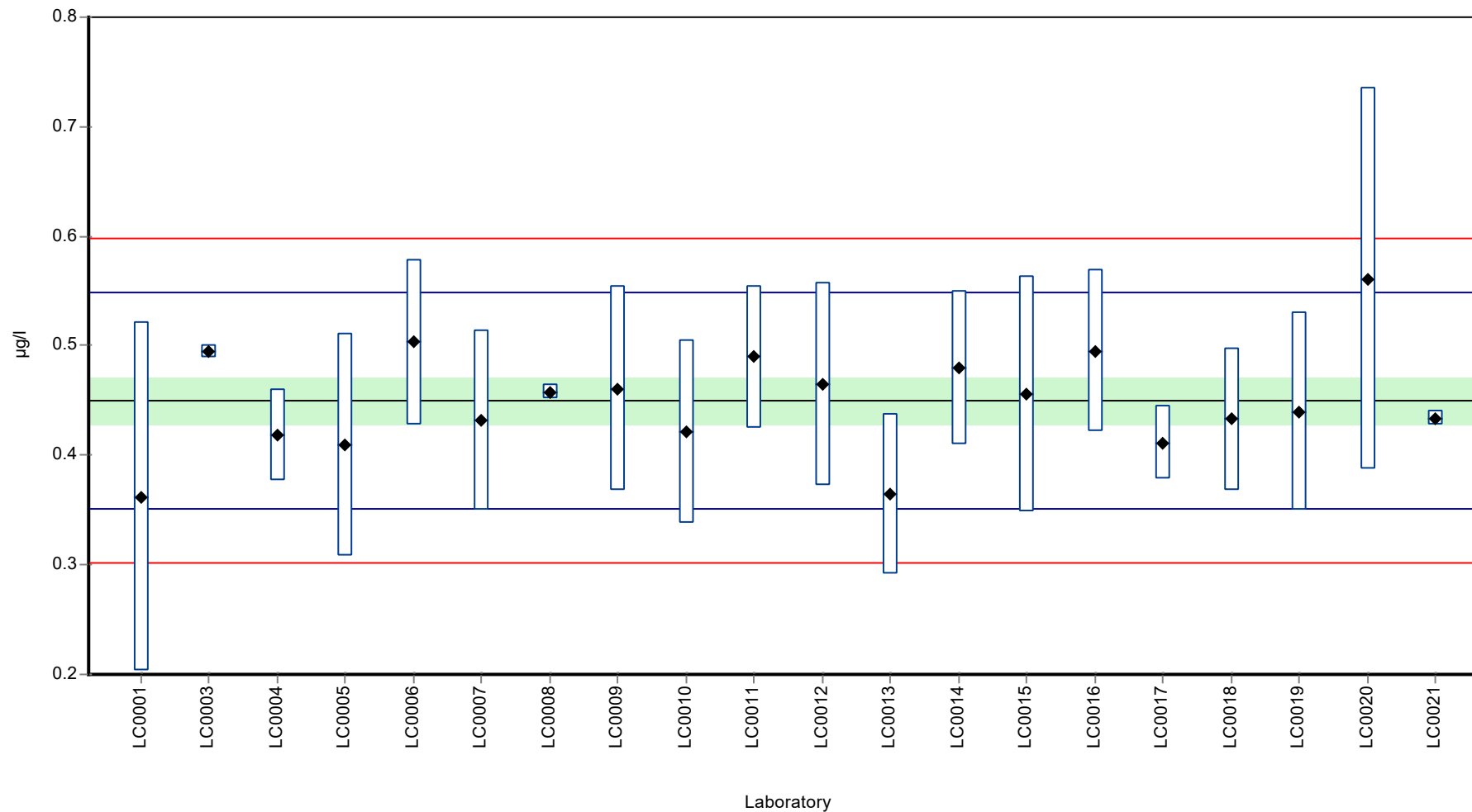
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.45 ± 0.0319	0.45 ± 0.0319	µg/l
Minimum	0.362	0.362	µg/l
Maximum	0.561	0.561	µg/l
Standard deviation	0.0476	0.0476	µg/l
rel. standard deviation	10.6	10.6	%
n	20	20	-

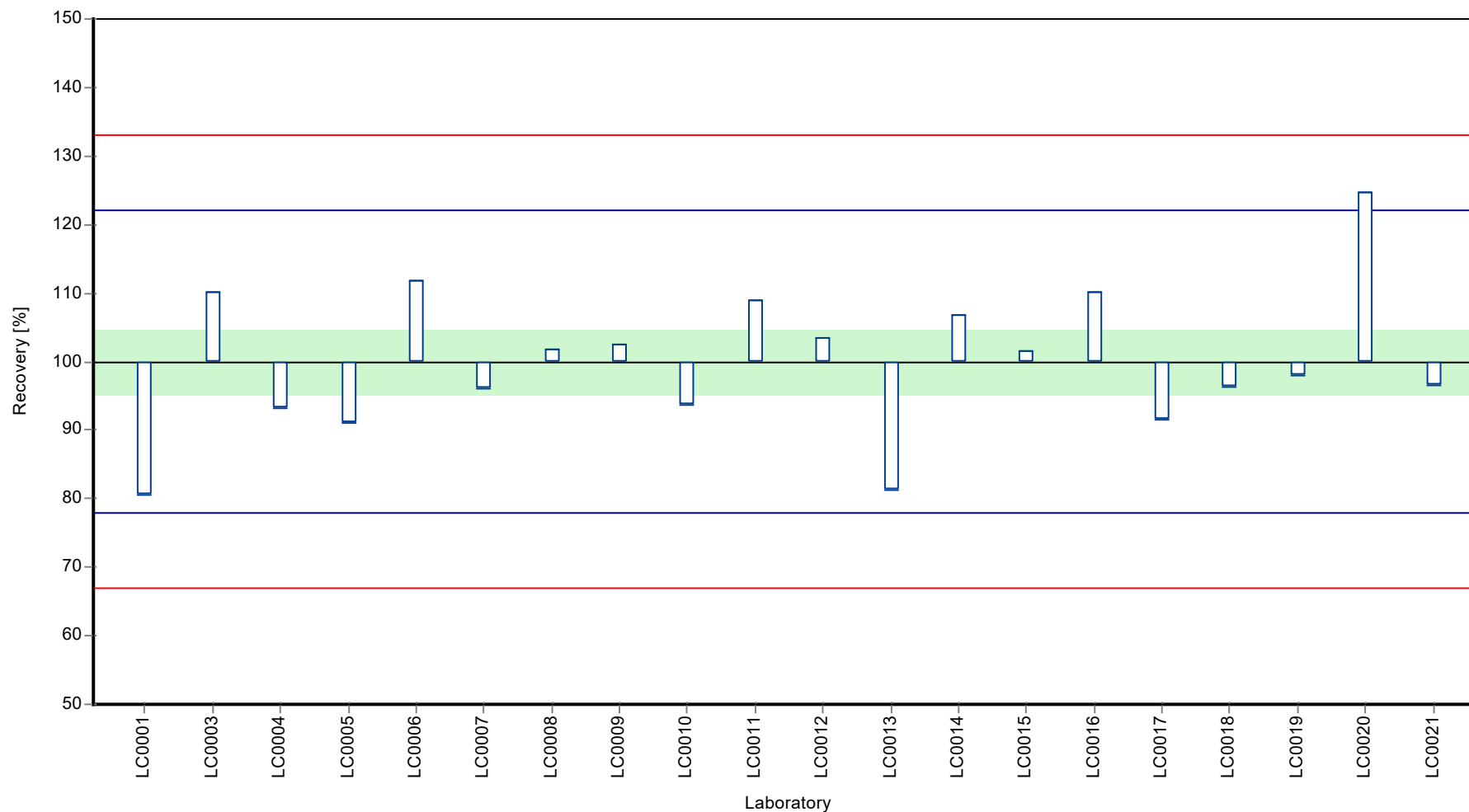


Graphical presentation of results

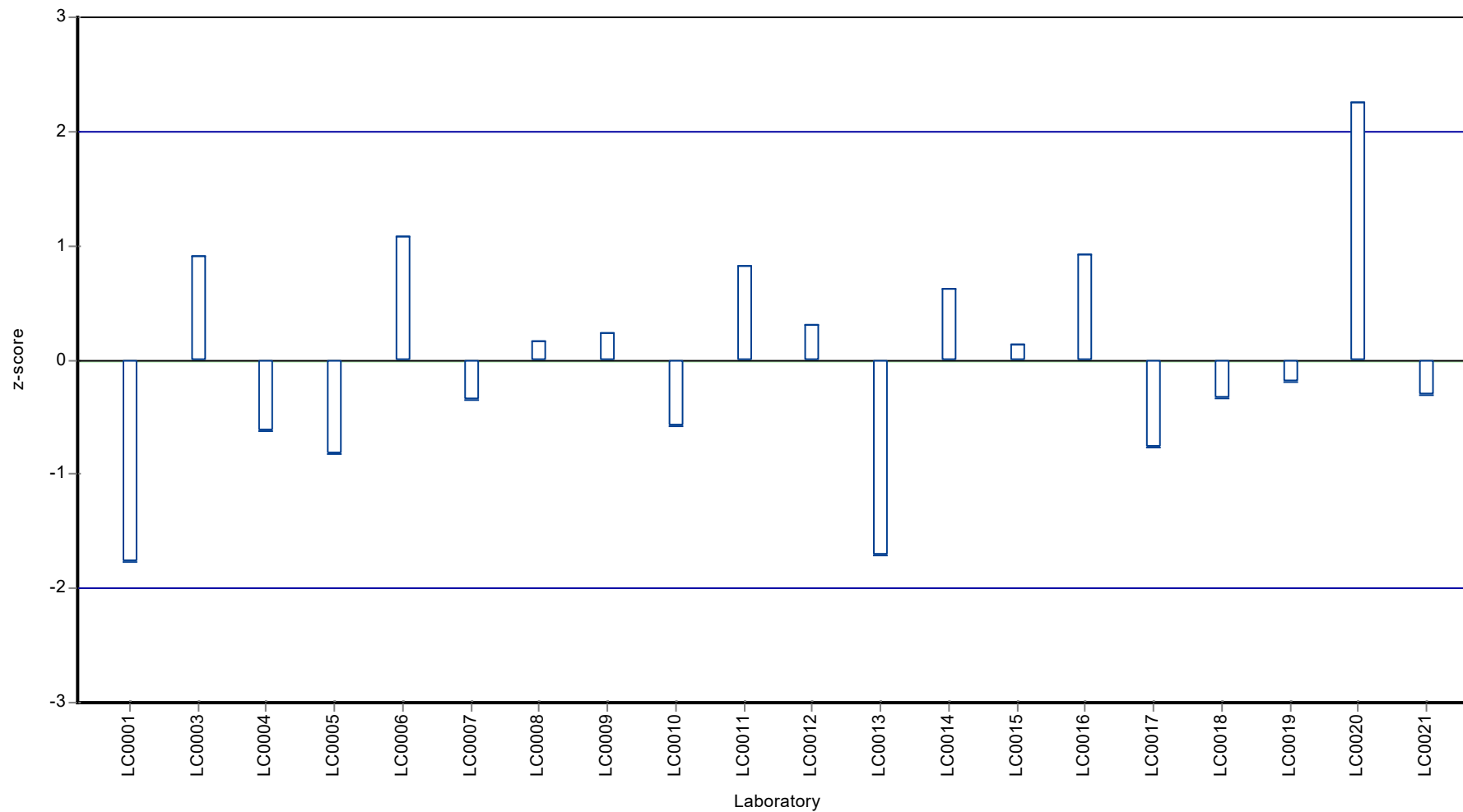
Results



Recovery rate



**Z-score**



## Parameter oriented report

### H106 A

#### Atrazine-desethyl

Unit	µg/l
Assigned value ± U (k=2)	0.313 ± 0.0148
Criterion	0.0376 (12 %)
Minimum - Maximum	0.255 - 0.369
Control test value ± U (k=2)	0.296 ± 0.0444

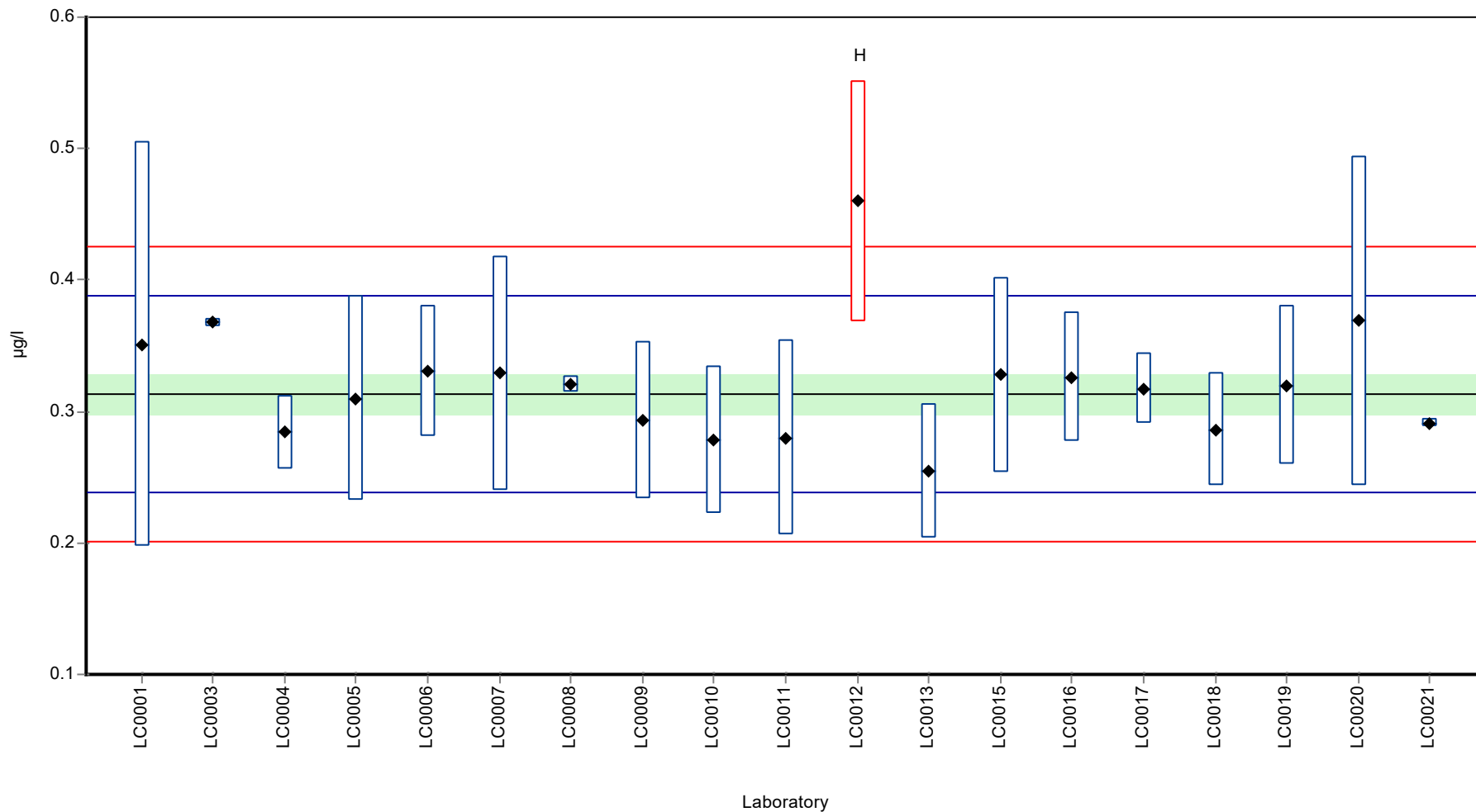
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.351	0.154	112	1.01	
LC0002	-	-	-	-	
LC0003	0.3681	0.0031	118	1.46	
LC0004	0.284	0.028	90.7	-0.78	
LC0005	0.31	0.078	99	-0.08	
LC0006	0.331	0.05	106	0.47	
LC0007	0.329	0.089	105	0.42	
LC0008	0.321	0.006	102	0.21	
LC0009	0.293	0.06	93.6	-0.54	
LC0010	0.278	0.056	88.8	-0.94	
LC0011	0.28	0.074	89.4	-0.88	
LC0012	0.46	0.092	147	3.91	H
LC0013	0.255	0.051	81.4	-1.55	
LC0014	-	-	-	-	
LC0015	0.3278	0.0746	105	0.39	
LC0016	0.326	0.049	104	0.34	
LC0017	0.3175	0.027	101	0.12	
LC0018	0.286	0.043	91.3	-0.72	
LC0019	0.32	0.06	102	0.18	
LC0020	0.369	0.125	118	1.49	
LC0021	0.291	0.003	92.9	-0.59	

#### Characteristics of parameter

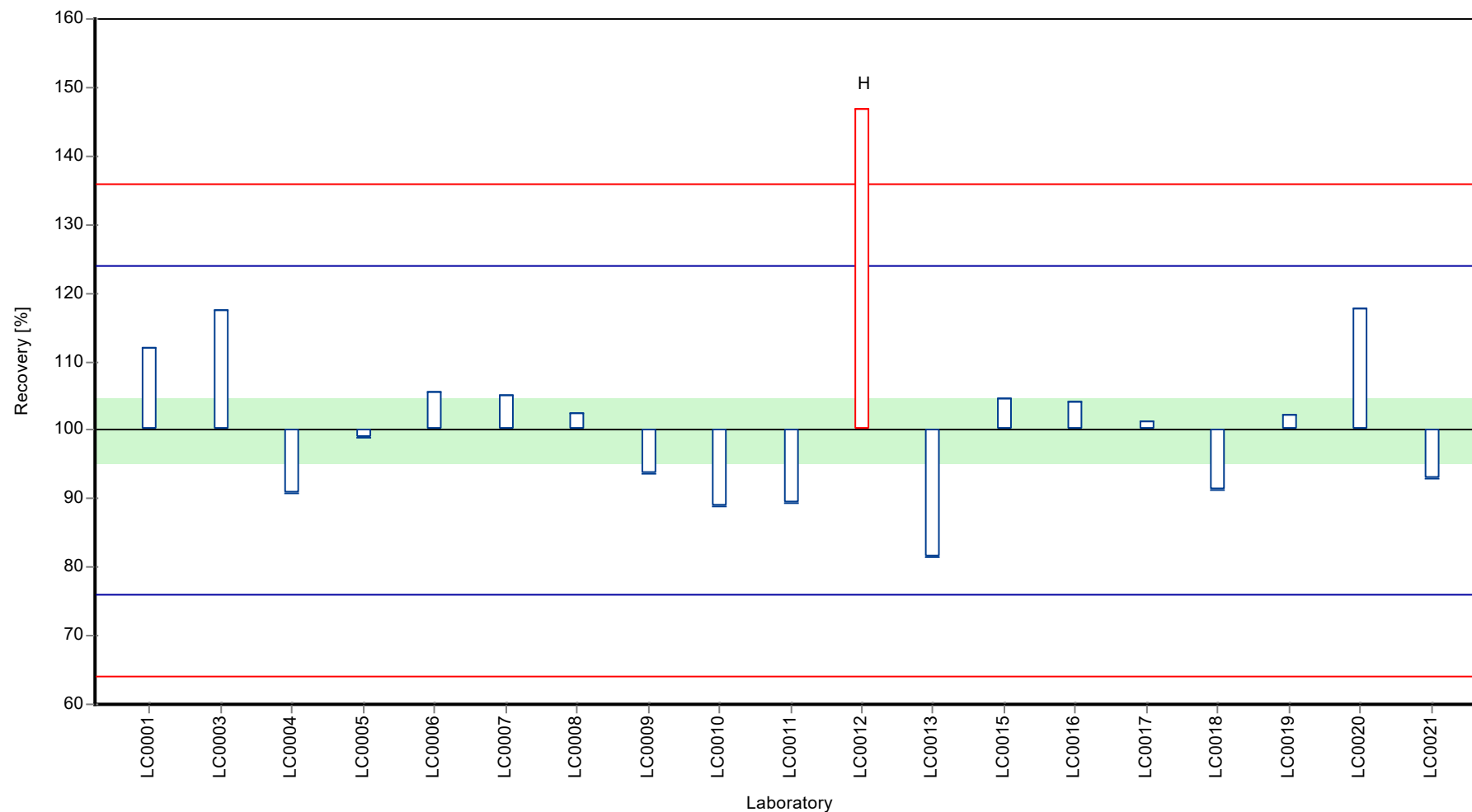
	all results	without outliers	Unit
Mean ± CI (99%)	0.321 ± 0.0313	0.313 ± 0.0223	µg/l
Minimum	0.255	0.255	µg/l
Maximum	0.46	0.369	µg/l
Standard deviation	0.0455	0.0315	µg/l
rel. standard deviation	14.2	10.1	%
n	19	18	-

Graphical presentation of results

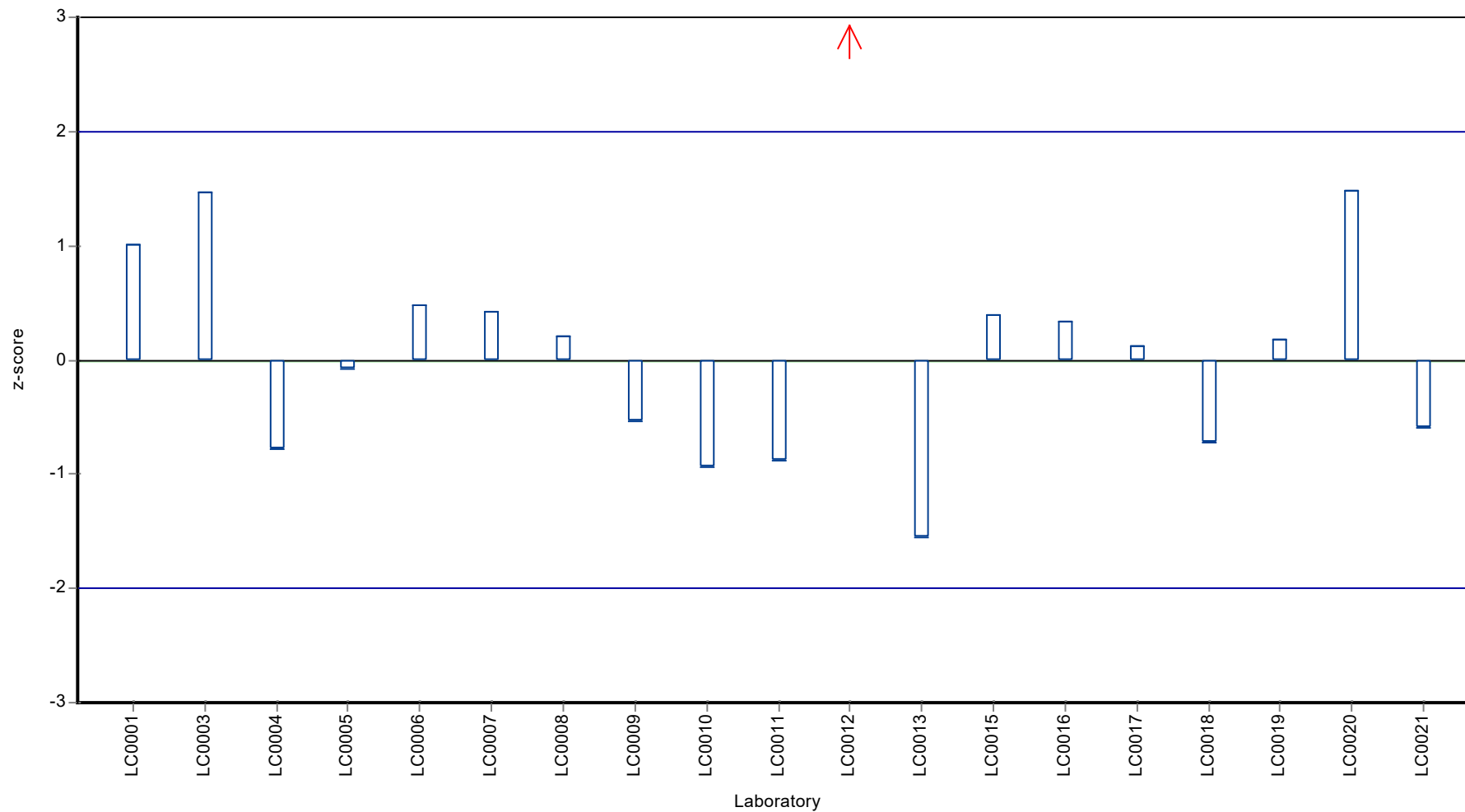
Results



Recovery rate



**Z-score**



## Parameter oriented report

### H106 B

#### Atrazine-desethyl

Unit	µg/l
Assigned value ± U (k=2)	0.812 ± 0.0437
Criterion	0.0975 (12 %)
Minimum - Maximum	0.692 - 0.99
Control test value ± U (k=2)	0.77 ± 0.115

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.497	0.219	61.2	-3.23	H
LC0002	-	-	-	-	
LC0003	0.9881	0.0185	122	1.8	
LC0004	0.743	0.074	91.5	-0.71	
LC0005	0.832	0.208	102	0.2	
LC0006	0.752	0.112	92.6	-0.62	
LC0007	0.828	0.224	102	0.16	
LC0008	0.806	0.013	99.2	-0.06	
LC0009	0.751	0.153	92.5	-0.63	
LC0010	0.747	0.149	92	-0.67	
LC0011	0.745	0.198	91.7	-0.69	
LC0012	1.15	0.23	142	3.46	H
LC0013	0.692	0.138	85.2	-1.23	
LC0014	-	-	-	-	
LC0015	0.8722	0.1986	107	0.61	
LC0016	0.911	0.137	112	1.01	
LC0017	0.7978	0.095	98.2	-0.15	
LC0018	0.765	0.115	94.2	-0.48	
LC0019	0.88	0.18	108	0.69	
LC0020	0.99	0.337	122	1.82	
LC0021	0.709	0.008	87.3	-1.06	

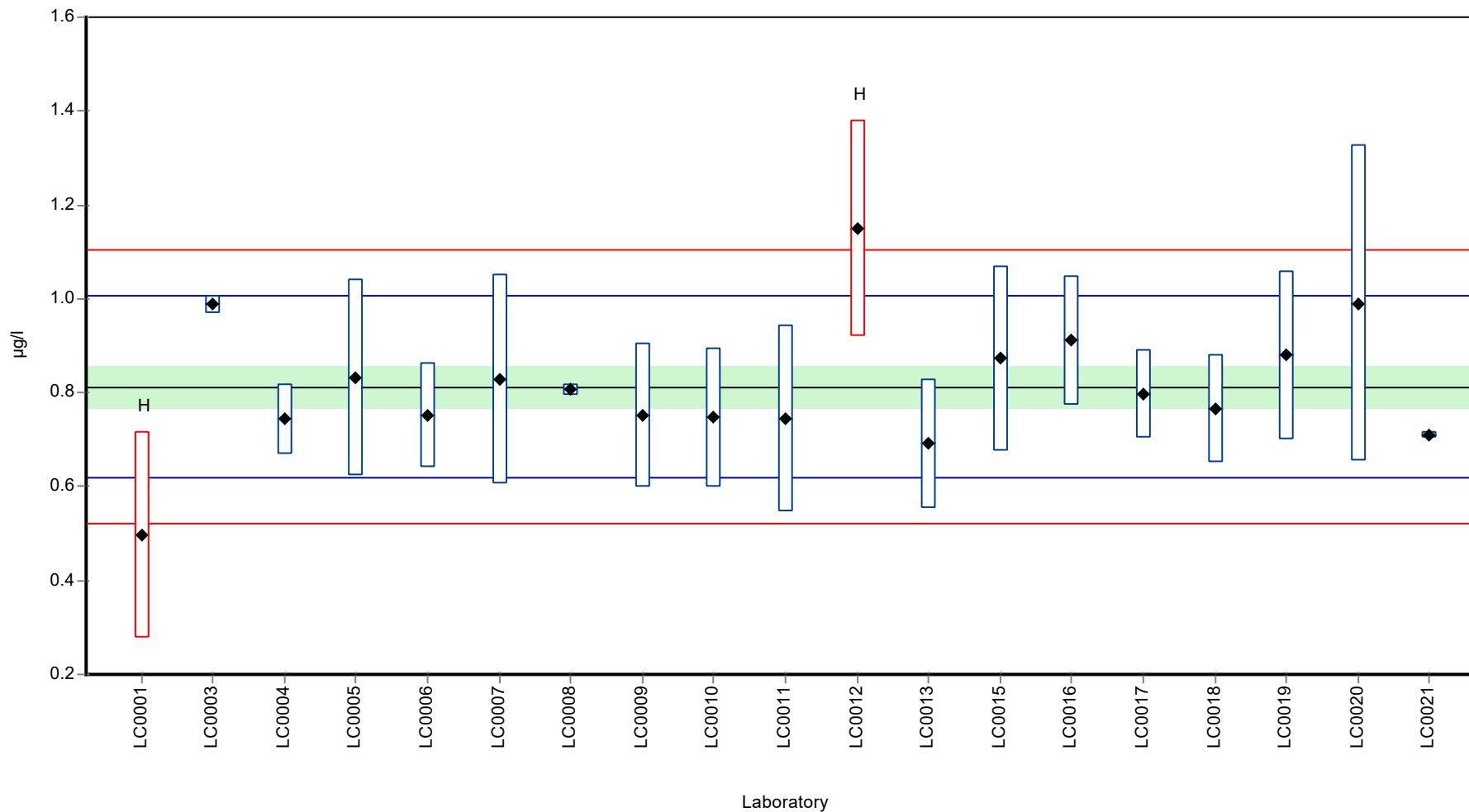
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.813 ± 0.095	0.812 ± 0.0655	µg/l
Minimum	0.497	0.692	µg/l
Maximum	1.15	0.99	µg/l
Standard deviation	0.138	0.09	µg/l
rel. standard deviation	17	11.1	%
n	19	17	-

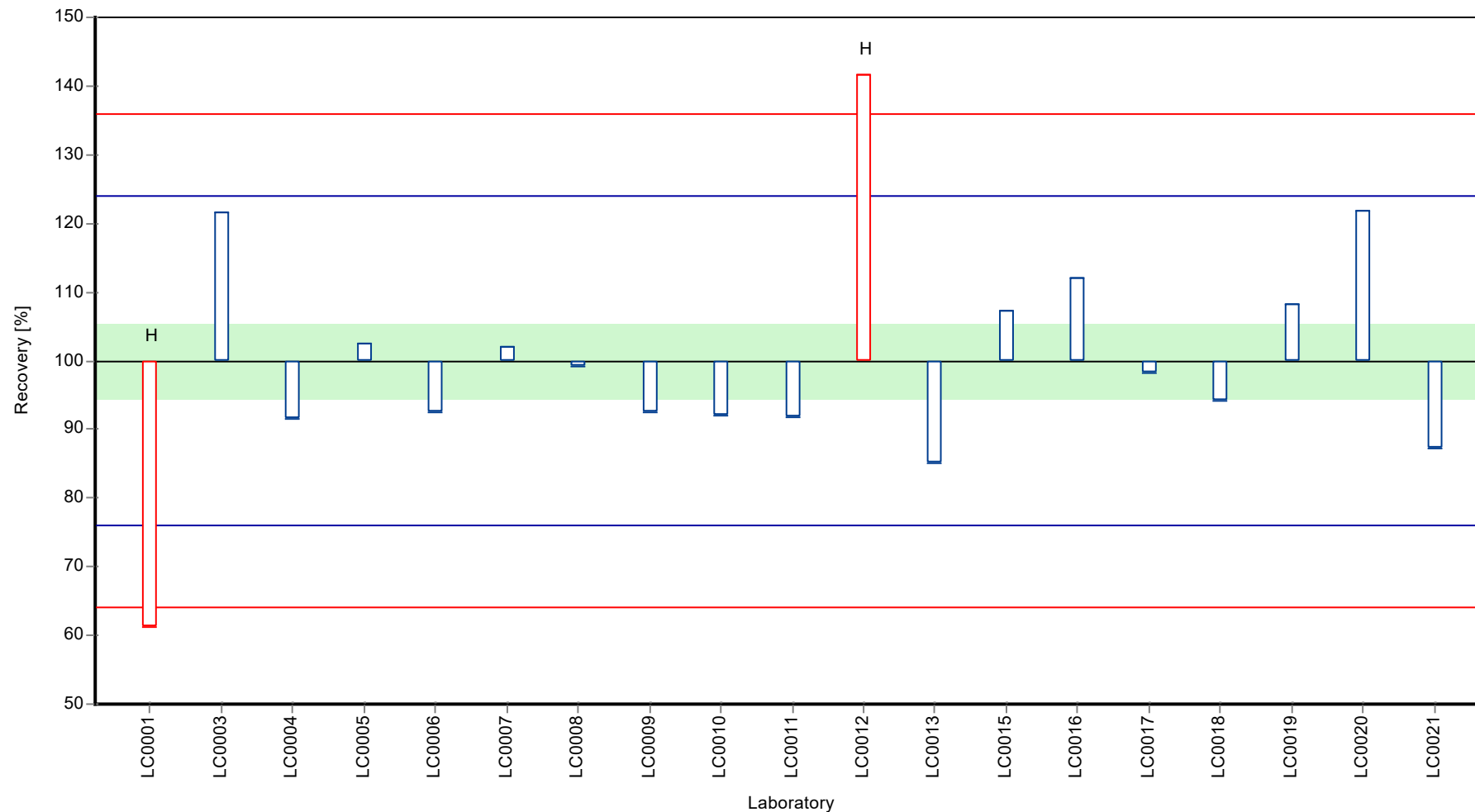


Graphical presentation of results

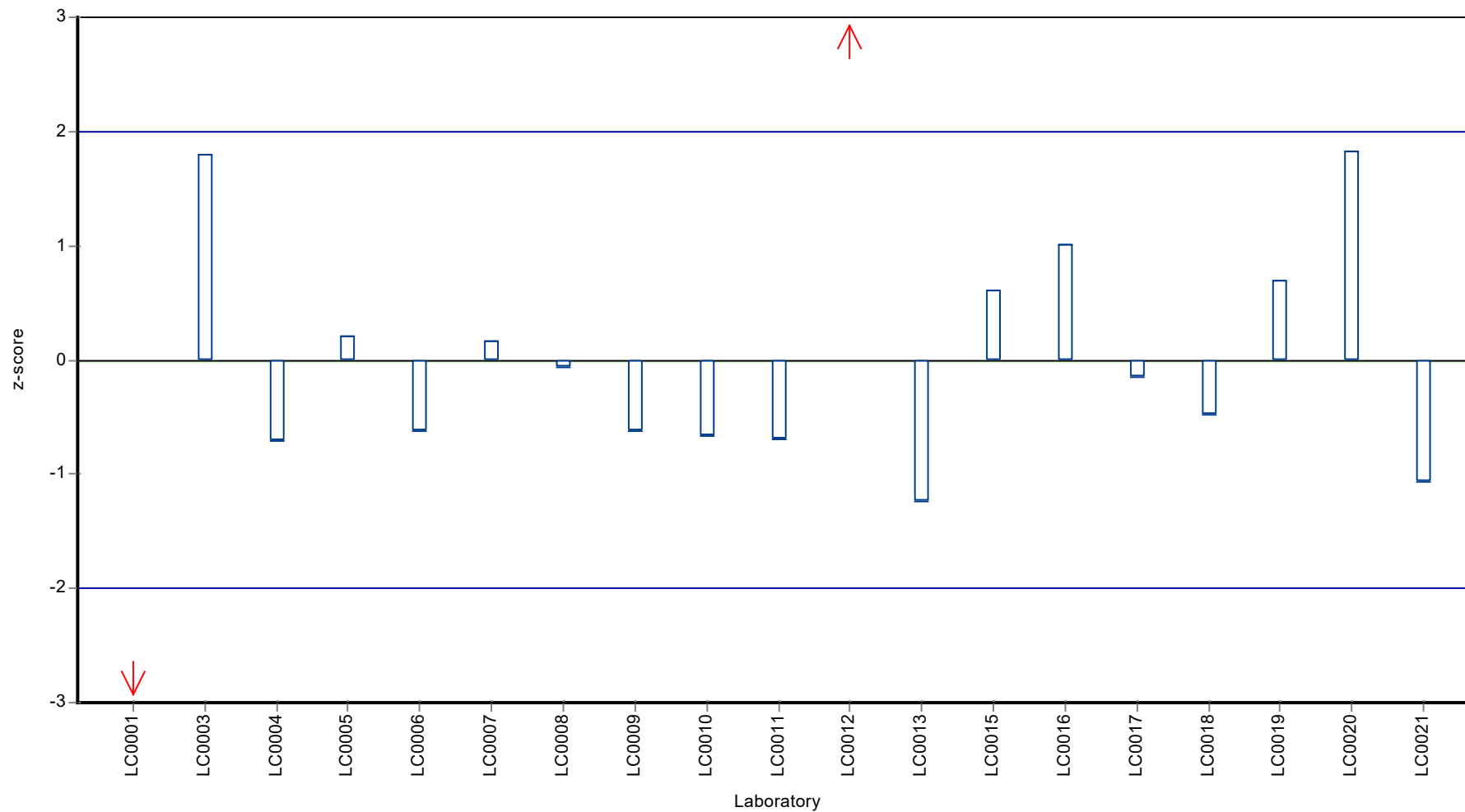
Results



**Recovery rate**



Z-score



## Parameter oriented report

### H106 A

#### Atrazine-desethyl-desisopropyl

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.133 - 0.144
Control test value ± U (k=2)	0.203 ± 0.0304

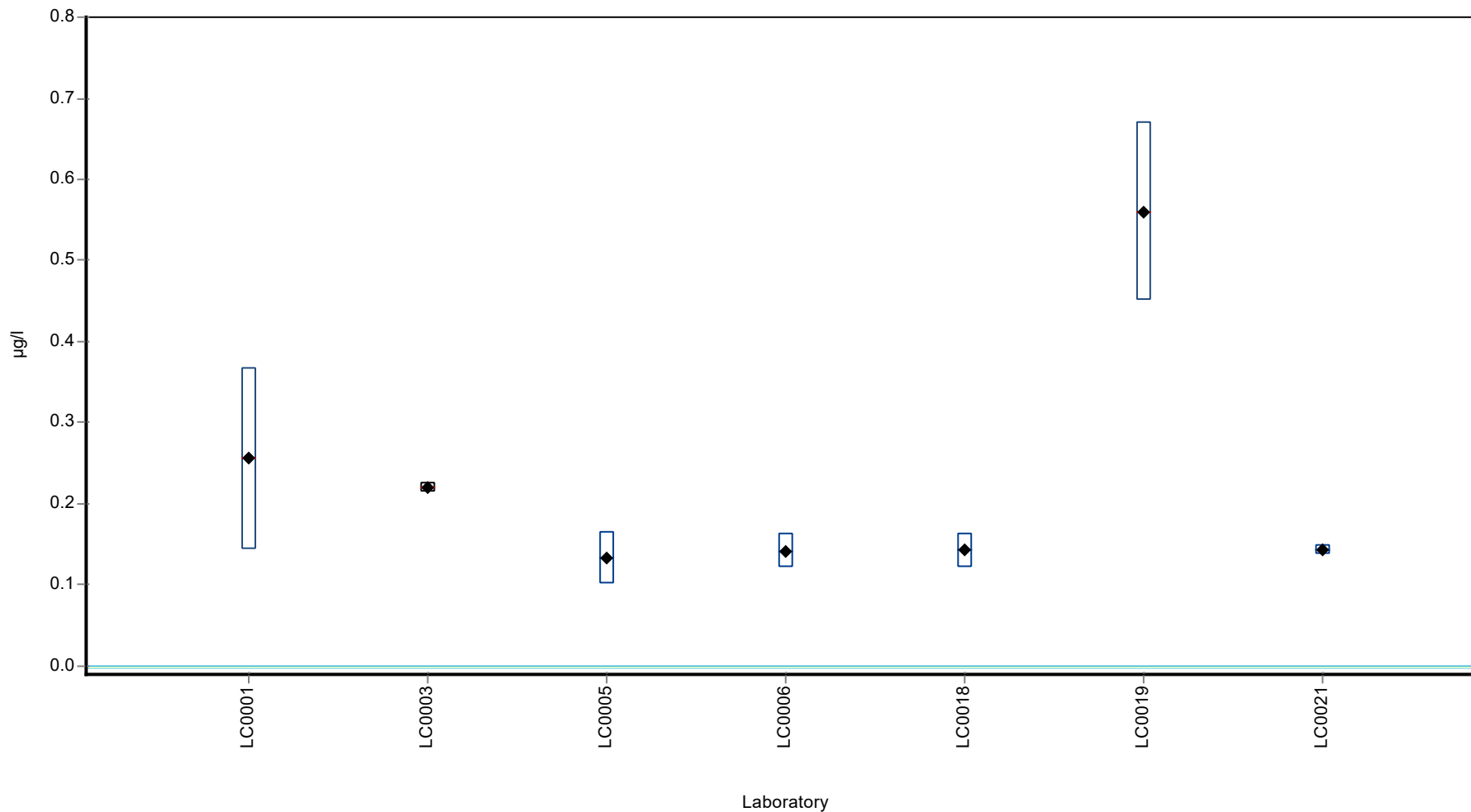
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.256	0.112	-	-	
LC0002	-	-	-	-	
LC0003	0.2197	0.0057	-	-	
LC0004	-	-	-	-	
LC0005	0.133	0.033	-	-	
LC0006	0.142	0.021	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.143	0.021	-	-	
LC0019	0.56	0.11	-	-	
LC0020	-	-	-	-	
LC0021	0.144	0.006	-	-	

#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.228 ± 0.174	-	µg/l
Minimum	0.133	0.133	µg/l
Maximum	0.56	0.144	µg/l
Standard deviation	0.154	-	µg/l
rel. standard deviation	67.3	-	%
n	7	4	-

Graphical presentation of results

Results



## Parameter oriented report

### H106 B

#### Atrazine-desethyl-desisopropyl

Unit	µg/l
Assigned value ± U (k=2)	0.33 ± 0.0792
Criterion	0.105 (32 %)
Minimum - Maximum	0.24 - 0.531
Control test value ± U (k=2)	0.324 ± 0.0486

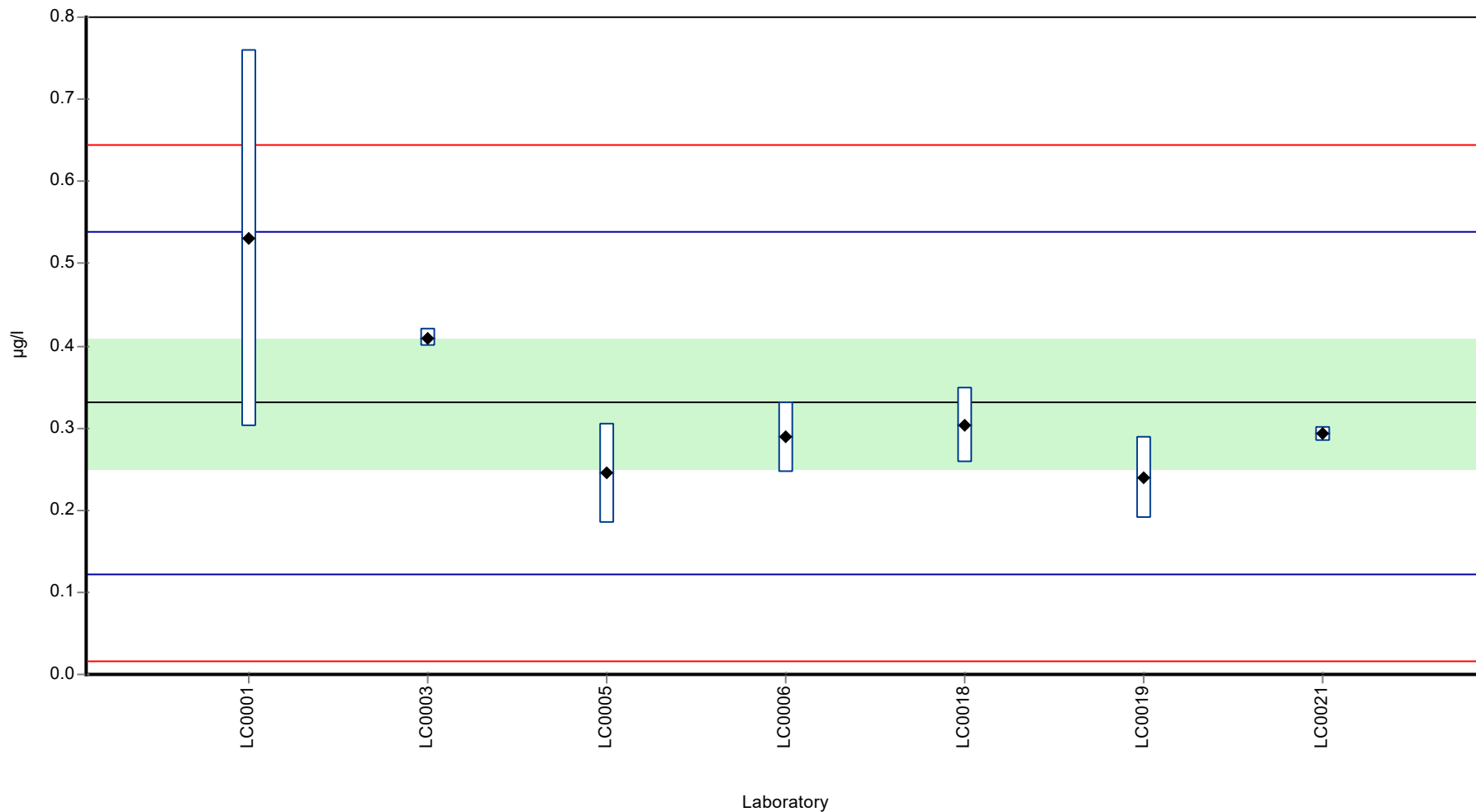
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.531	0.229	161	1.92	
LC0002	-	-	-	-	
LC0003	0.4096	0.011	124	0.76	
LC0004	-	-	-	-	
LC0005	0.245	0.061	74.2	-0.81	
LC0006	0.289	0.043	87.5	-0.39	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.304	0.046	92.1	-0.25	
LC0019	0.24	0.05	72.7	-0.86	
LC0020	-	-	-	-	
LC0021	0.293	0.009	88.7	-0.36	

#### Characteristics of parameter

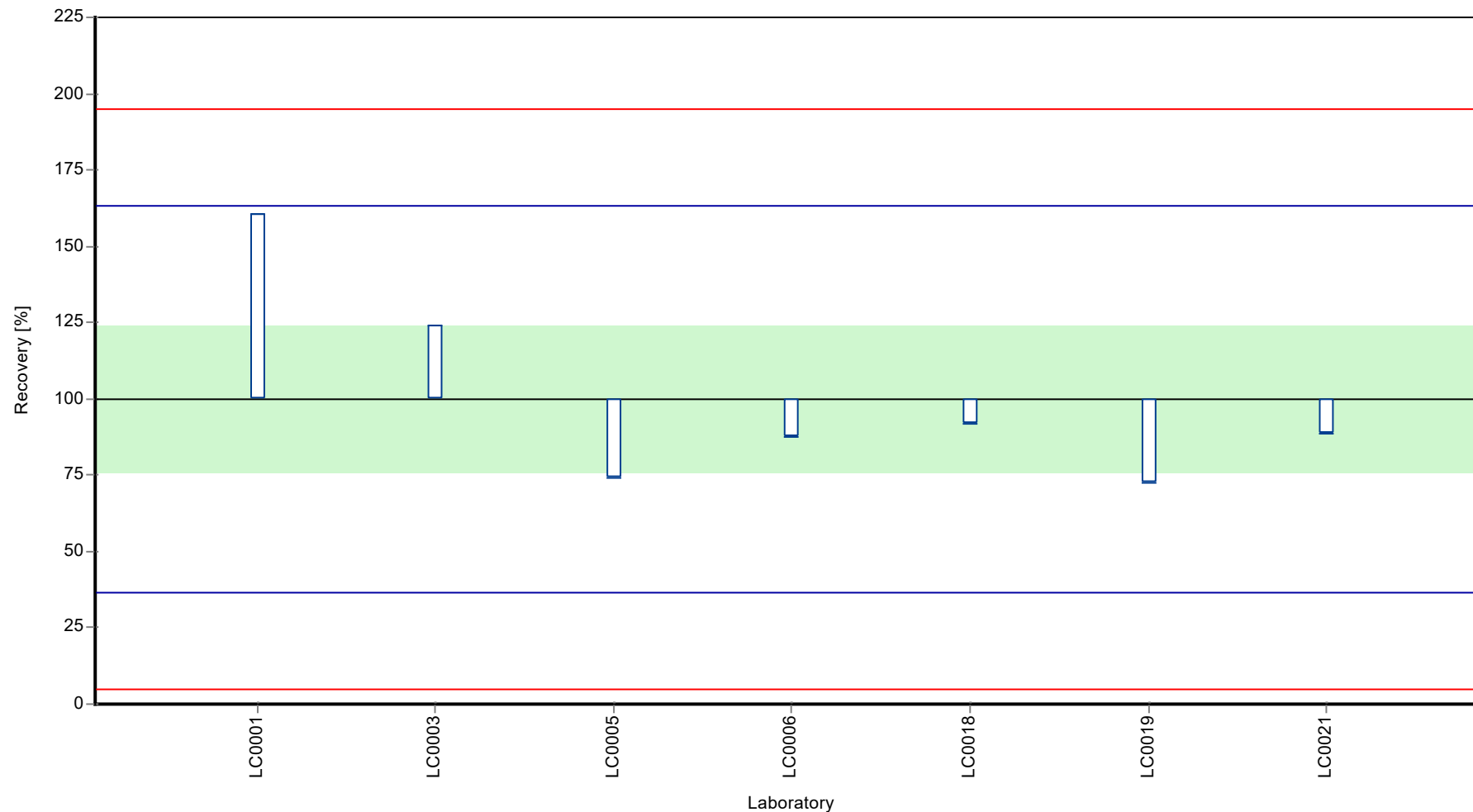
	all results	without outliers	Unit
Mean ± CI (99%)	0.33 ± 0.119	0.33 ± 0.119	µg/l
Minimum	0.24	0.24	µg/l
Maximum	0.531	0.531	µg/l
Standard deviation	0.105	0.105	µg/l
rel. standard deviation	31.7	31.7	%
n	7	7	-

Graphical presentation of results

Results

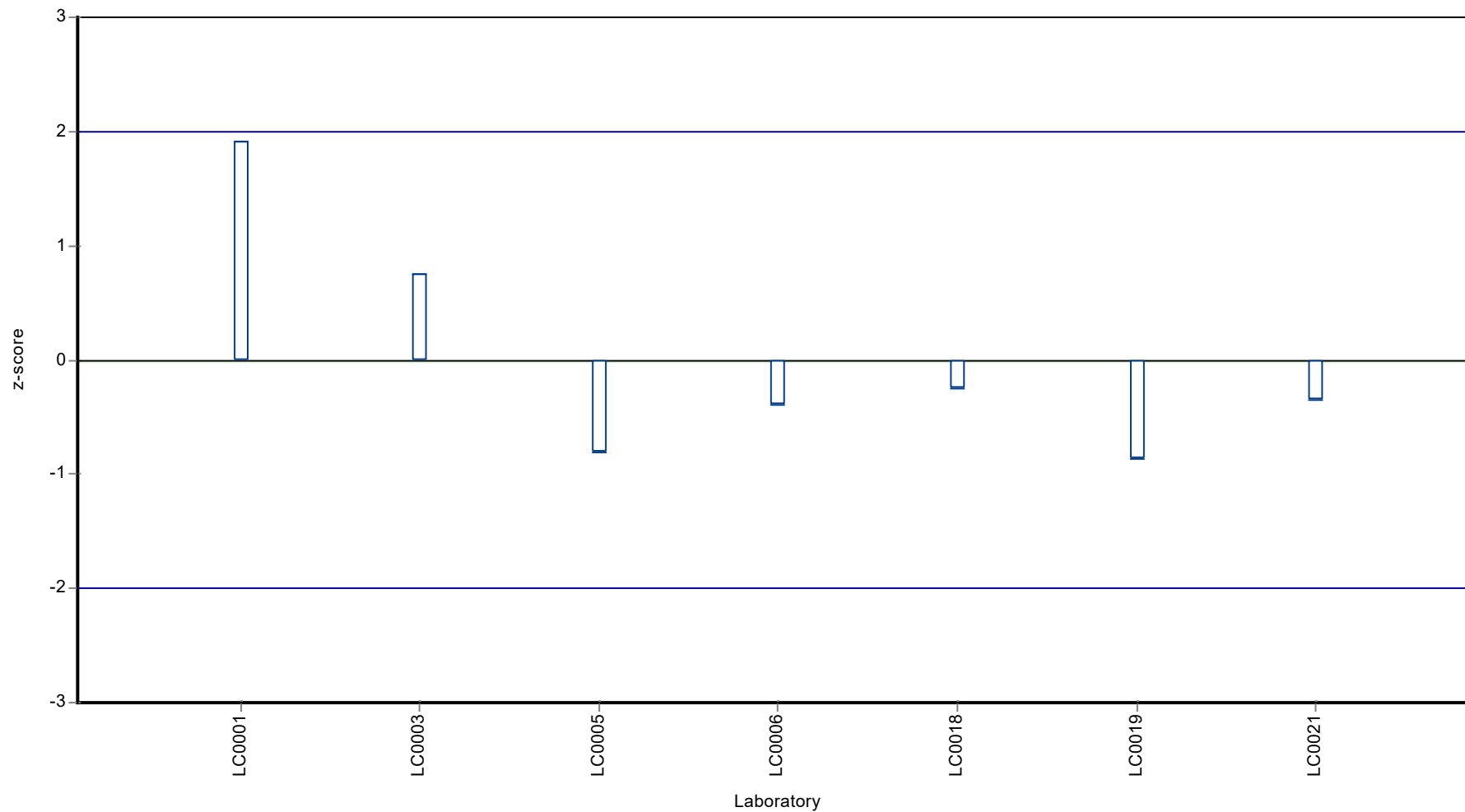


**Recovery rate**





**Z-score**



## Parameter oriented report

### H106 A

#### Atrazine-desisopropyl

Unit	µg/l
Assigned value ± U (k=2)	0.719 ± 0.0412
Criterion	0.101 (14 %)
Minimum - Maximum	0.606 - 0.9
Control test value ± U (k=2)	0.761 ± 0.114

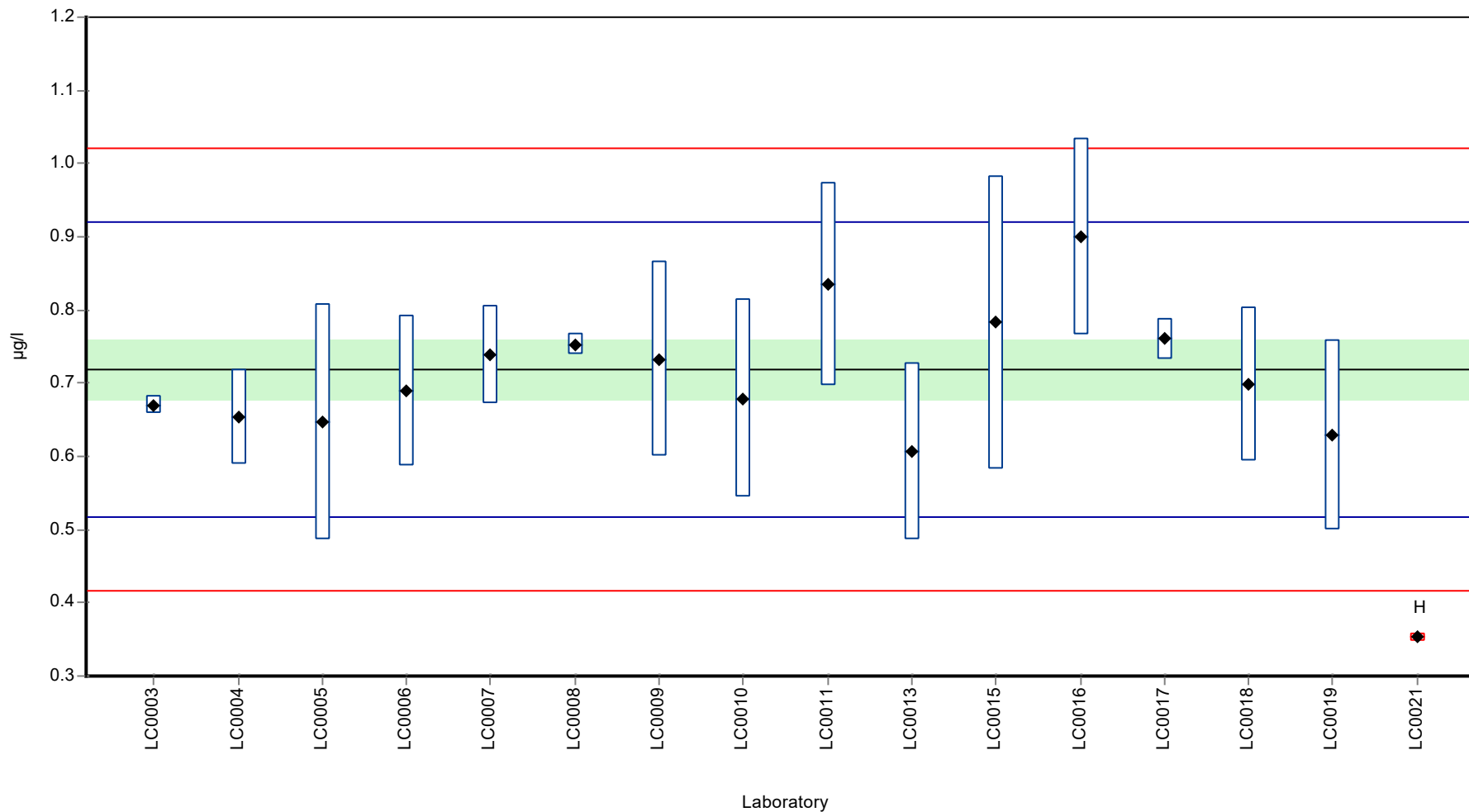
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.67	0.0119	93.2	-0.48	
LC0004	0.654	0.065	91	-0.64	
LC0005	0.647	0.162	90	-0.71	
LC0006	0.69	0.103	96	-0.28	
LC0007	0.739	0.067	103	0.2	
LC0008	0.753	0.014	105	0.34	
LC0009	0.733	0.134	102	0.14	
LC0010	0.679	0.136	94.5	-0.39	
LC0011	0.835	0.139	116	1.16	
LC0012	-	-	-	-	
LC0013	0.606	0.121	84.3	-1.12	
LC0014	-	-	-	-	
LC0015	0.7826	0.2003	109	0.64	
LC0016	0.9	0.135	125	1.8	
LC0017	0.7604	0.028	106	0.42	
LC0018	0.699	0.105	97.3	-0.19	
LC0019	0.63	0.13	87.7	-0.88	
LC0020	-	-	-	-	
LC0021	0.353	0.005	49.1	-3.63	H

#### Characteristics of parameter

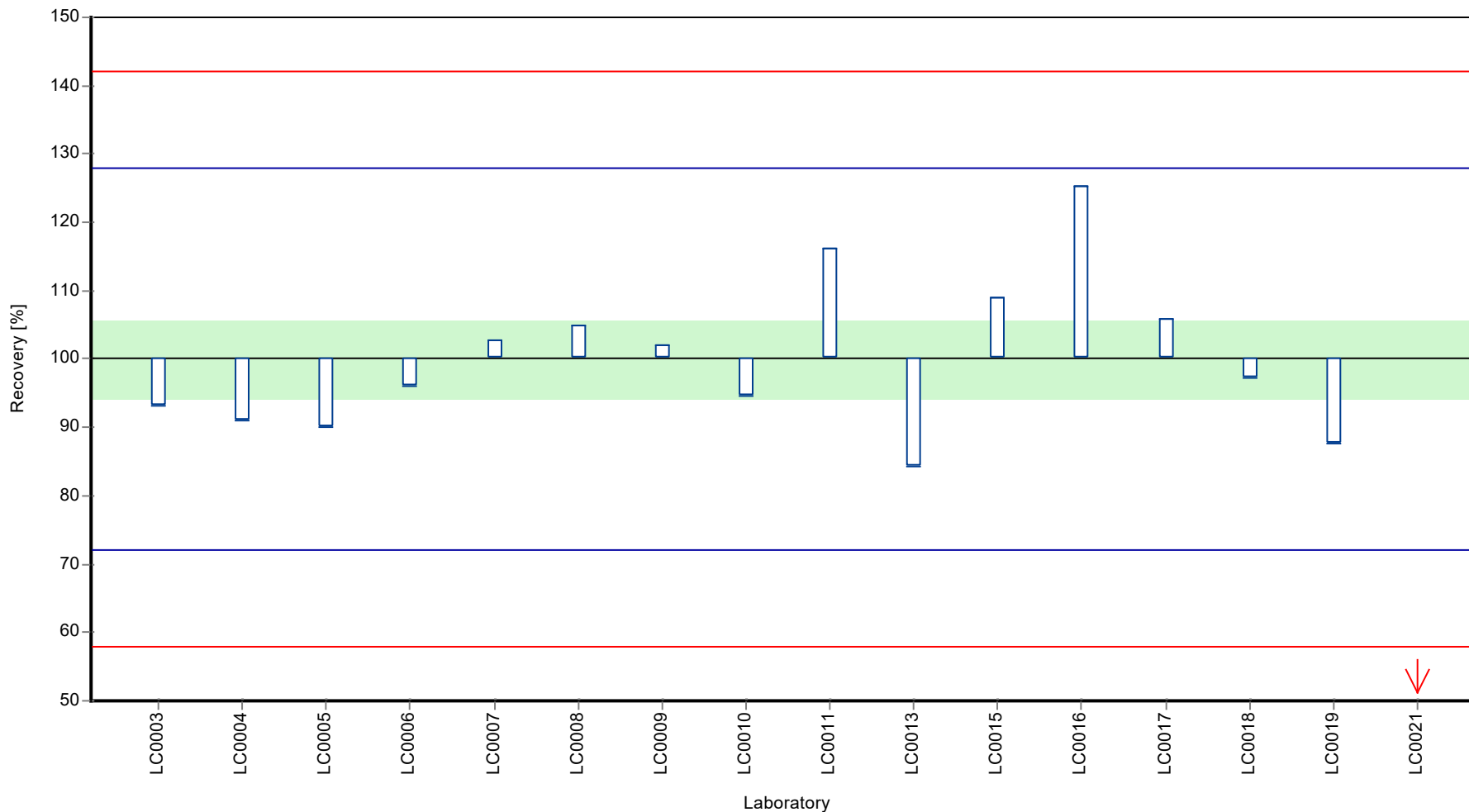
	all results	without outliers	Unit
Mean ± CI (99%)	0.696 ± 0.0897	0.719 ± 0.0618	µg/l
Minimum	0.353	0.606	µg/l
Maximum	0.9	0.9	µg/l
Standard deviation	0.12	0.0798	µg/l
rel. standard deviation	17.2	11.1	%
n	16	15	-

Graphical presentation of results

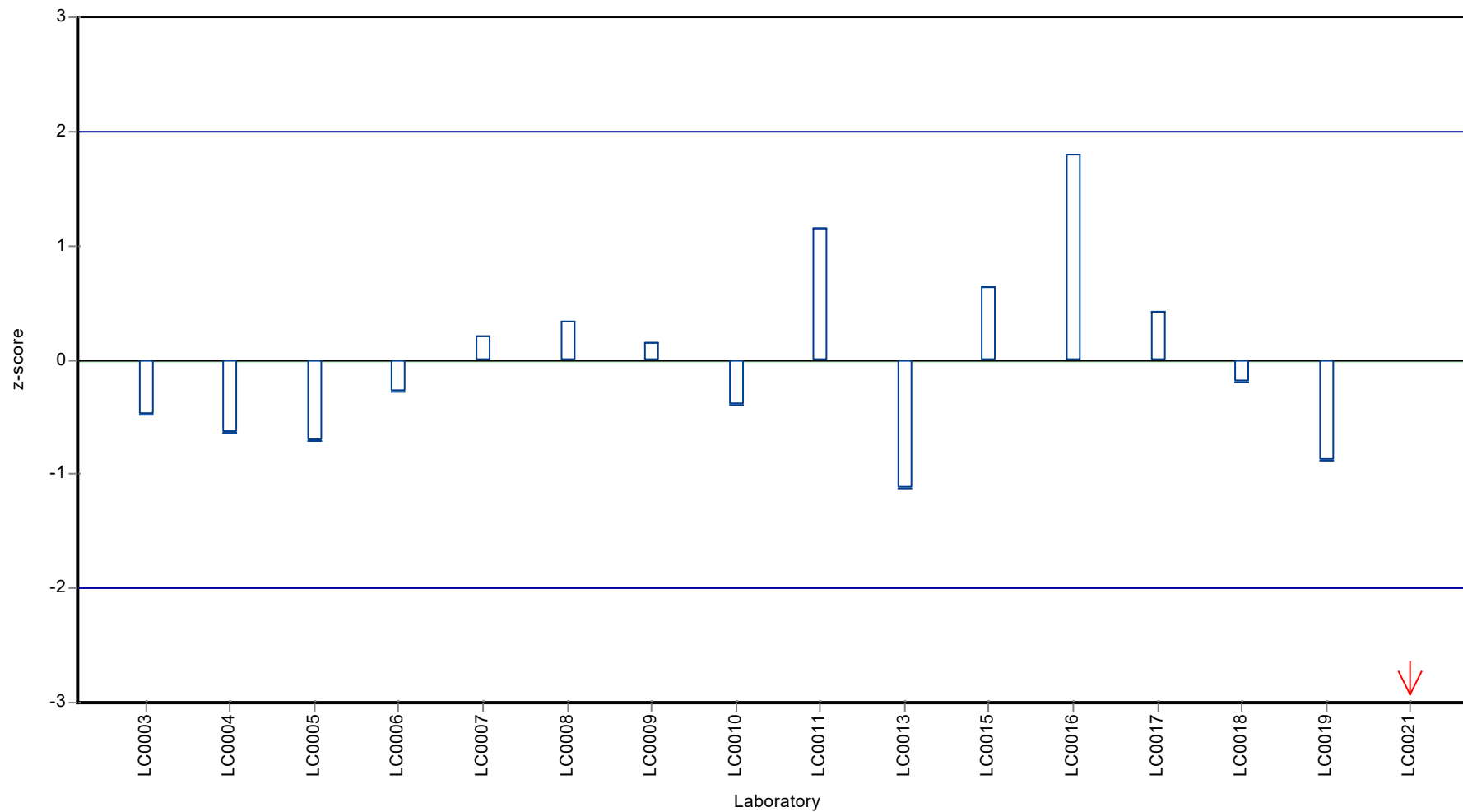
Results



**Recovery rate**



Z-score



## Parameter oriented report

### H106 B

#### Atrazine-desisopropyl

Unit	µg/l
Assigned value ± U (k=2)	0.213 ± 0.0138
Criterion	0.0299 (14 %)
Minimum - Maximum	0.187 - 0.27
Control test value ± U (k=2)	0.197 ± 0.0296

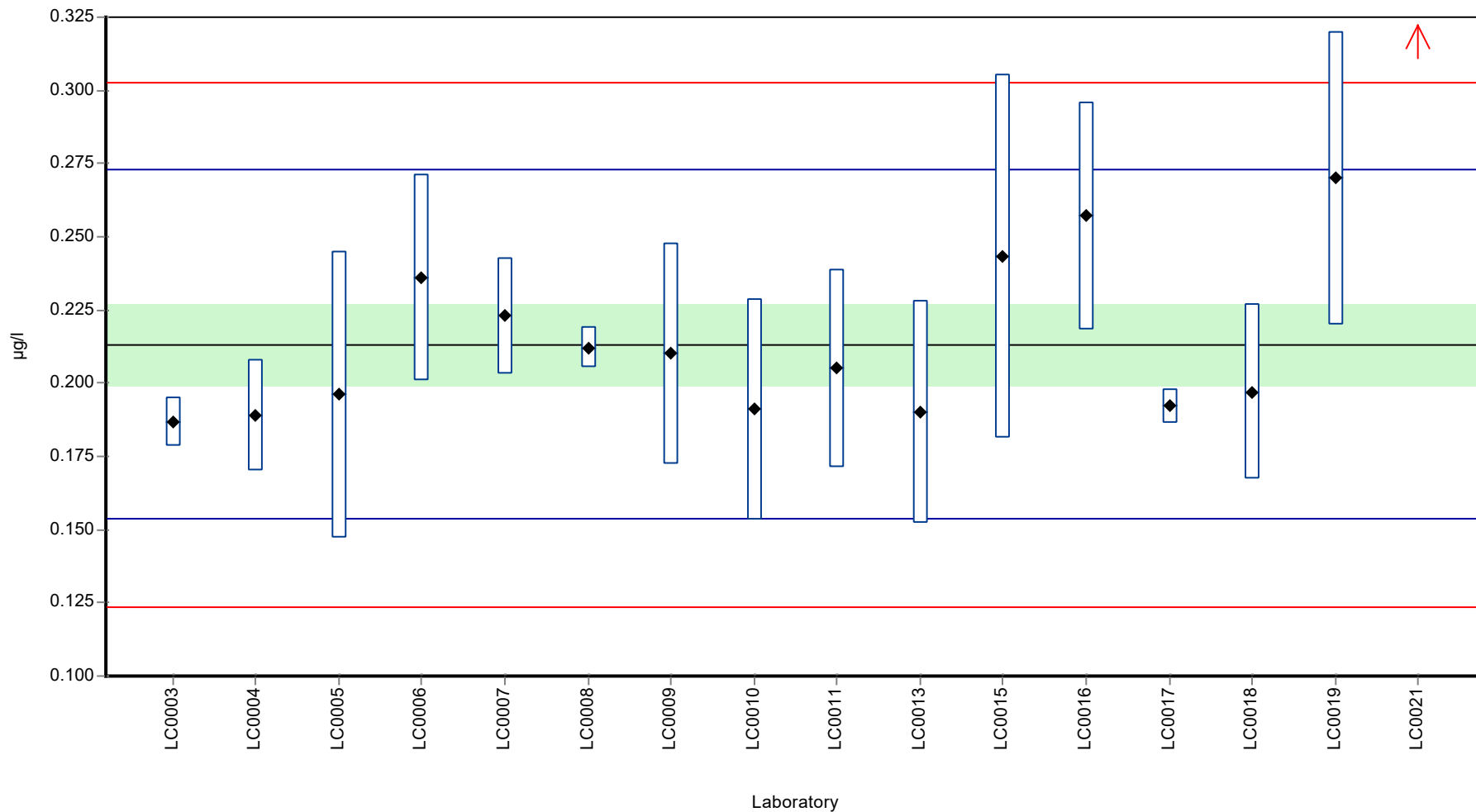
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.187	0.0084	87.7	-0.88	
LC0004	0.189	0.019	88.6	-0.81	
LC0005	0.196	0.049	91.9	-0.58	
LC0006	0.236	0.035	111	0.76	
LC0007	0.223	0.02	105	0.33	
LC0008	0.212	0.007	99.4	-0.04	
LC0009	0.21	0.038	98.5	-0.11	
LC0010	0.191	0.038	89.6	-0.74	
LC0011	0.205	0.034	96.1	-0.28	
LC0012	-	-	-	-	
LC0013	0.19	0.038	89.1	-0.78	
LC0014	-	-	-	-	
LC0015	0.2433	0.0623	114	1.01	
LC0016	0.257	0.039	121	1.47	
LC0017	0.1921	0.006	90.1	-0.71	
LC0018	0.197	0.03	92.4	-0.54	
LC0019	0.27	0.05	127	1.9	
LC0020	-	-	-	-	
LC0021	0.457	0.008	214	8.17	H

#### Characteristics of parameter

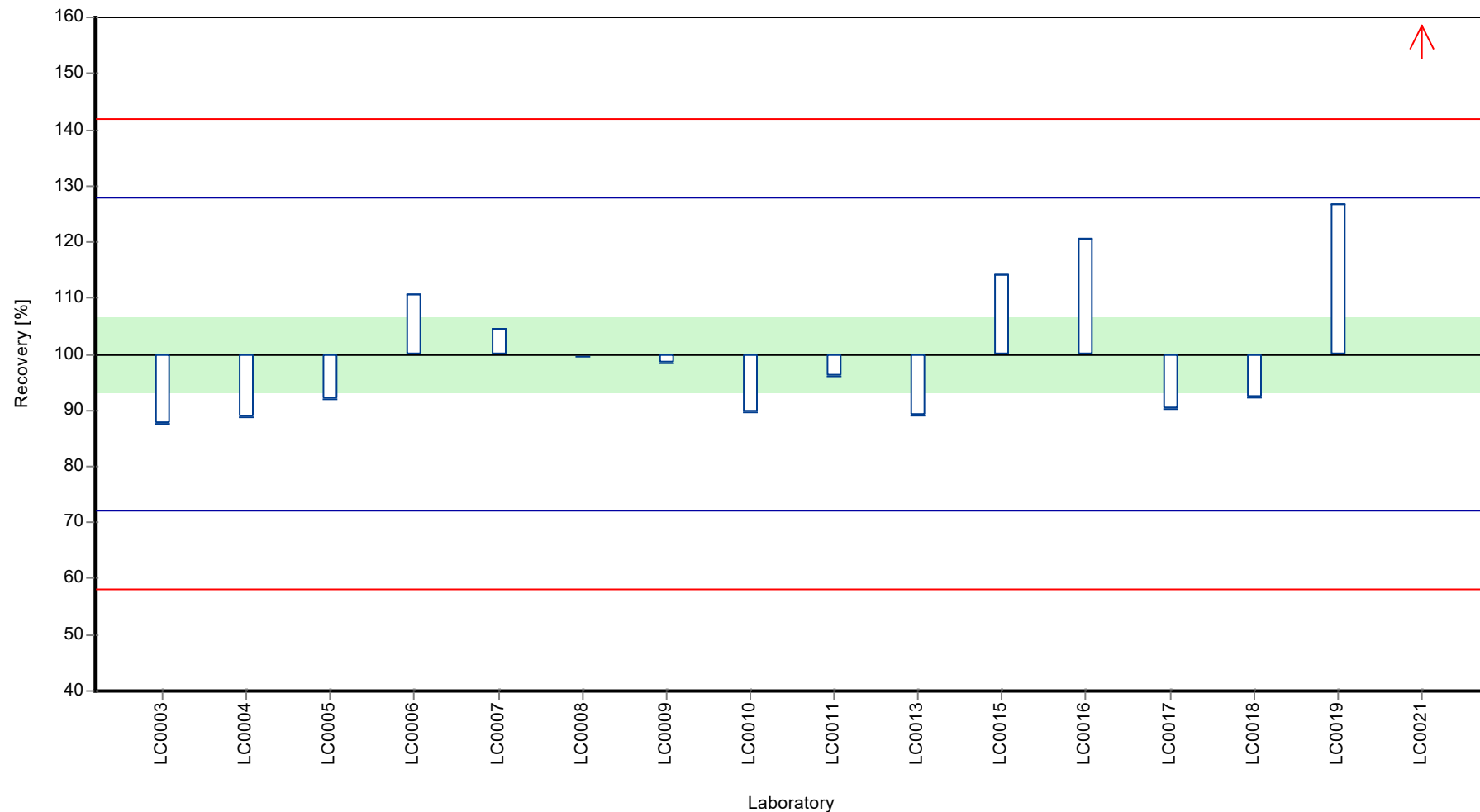
	all results	without outliers	Unit
Mean ± CI (99%)	0.228 ± 0.0497	0.213 ± 0.0208	µg/l
Minimum	0.187	0.187	µg/l
Maximum	0.457	0.27	µg/l
Standard deviation	0.0662	0.0268	µg/l
rel. standard deviation	29	12.6	%
n	16	15	-

Graphical presentation of results

Results

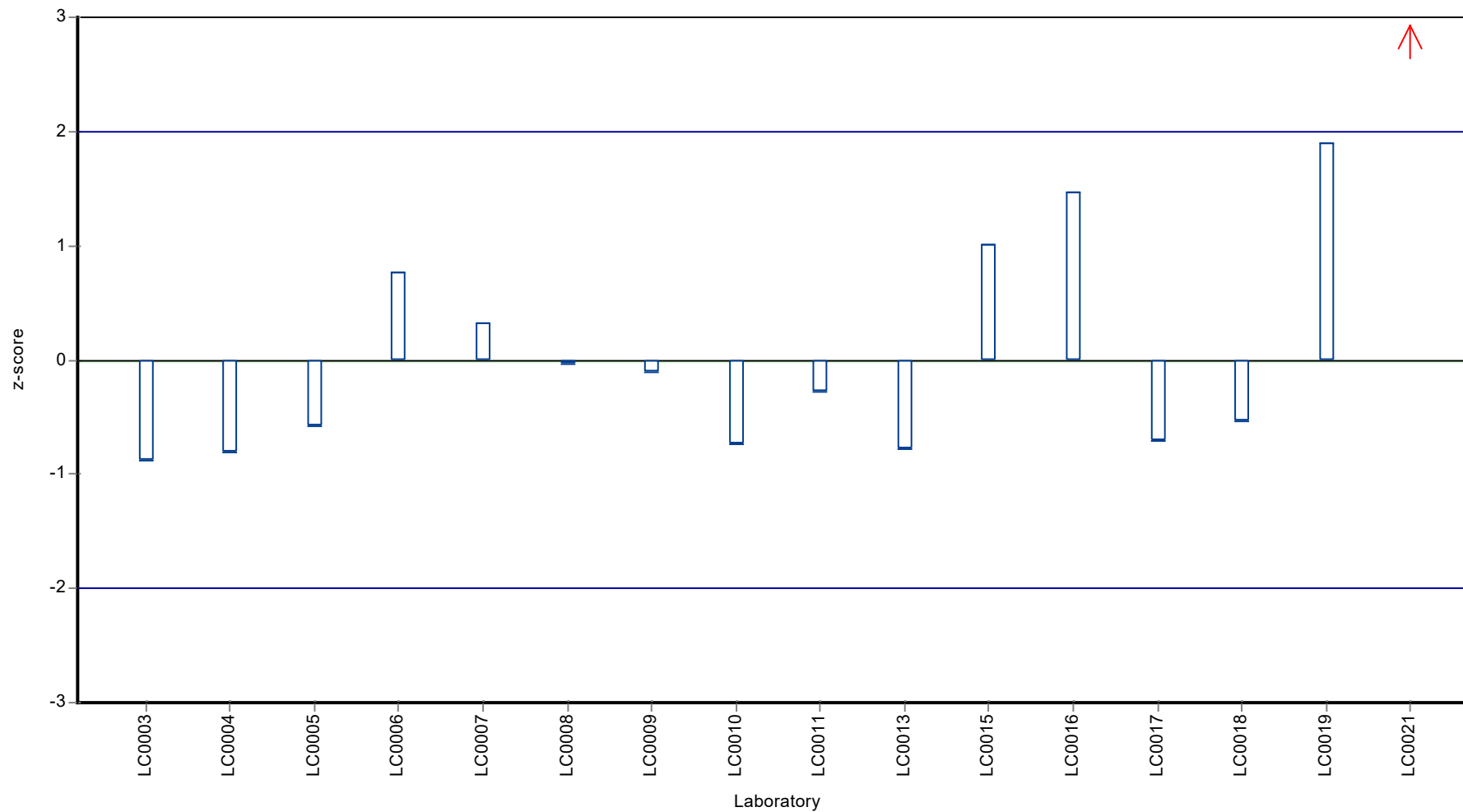


**Recovery rate**





Z-score



## Parameter oriented report

### H106 A

#### Bromacil

Unit	µg/l
Assigned value ± U (k=2)	0.892 ± 0.0648
Criterion	0.125 (14 %)
Minimum - Maximum	0.609 - 1.01
Control test value ± U (k=2)	0.903 ± 0.135

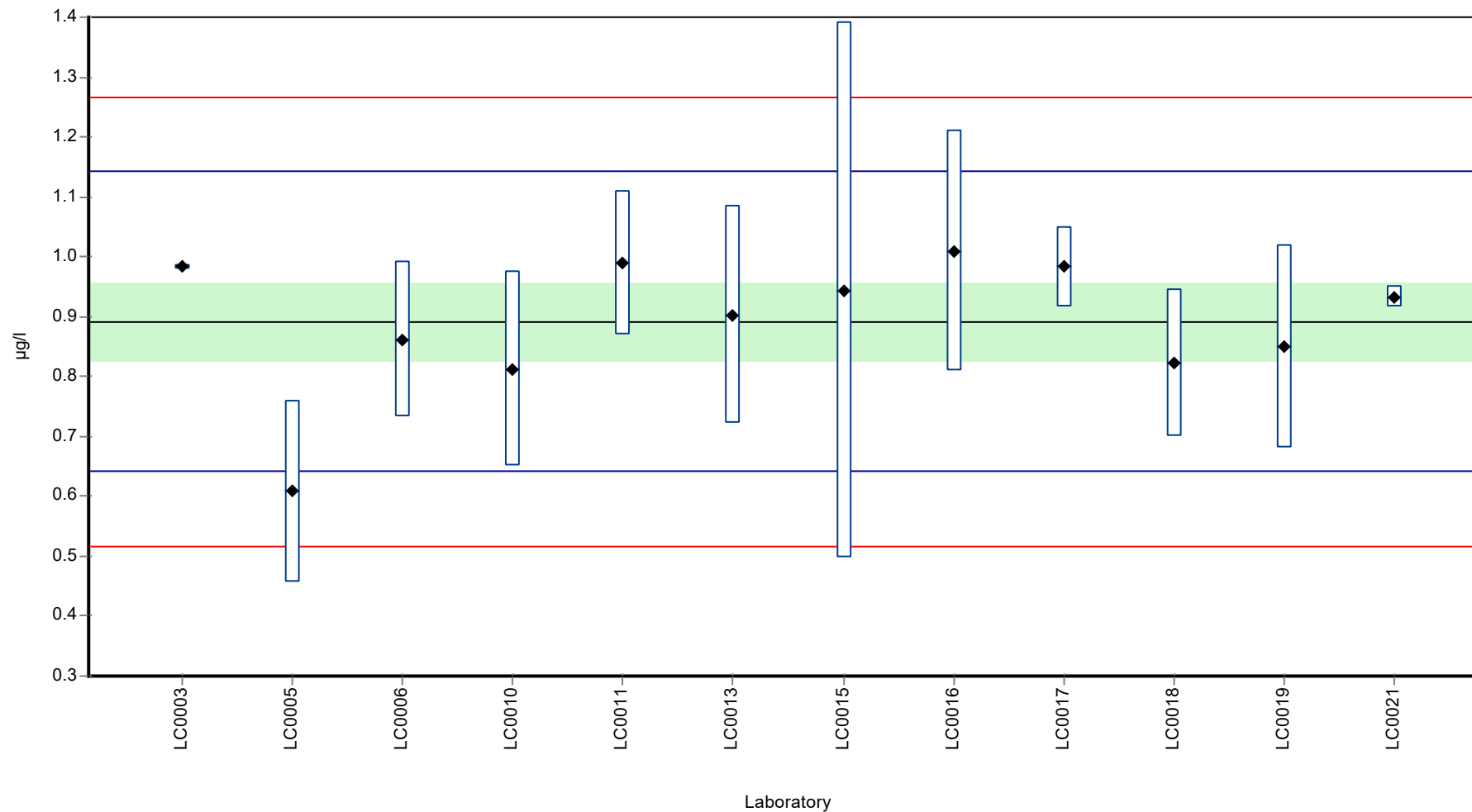
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.9835	0.0039	110	0.73	
LC0004	-	-	-	-	
LC0005	0.609	0.152	68.3	-2.27	
LC0006	0.862	0.129	96.6	-0.24	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.813	0.163	91.2	-0.63	
LC0011	0.99	0.121	111	0.79	
LC0012	-	-	-	-	
LC0013	0.903	0.181	101	0.09	
LC0014	-	-	-	-	
LC0015	0.9442	0.4464	106	0.42	
LC0016	1.01	0.202	113	0.95	
LC0017	0.9832	0.067	110	0.73	
LC0018	0.822	0.123	92.2	-0.56	
LC0019	0.85	0.17	95.3	-0.34	
LC0020	-	-	-	-	
LC0021	0.933	0.017	105	0.33	

#### Characteristics of parameter

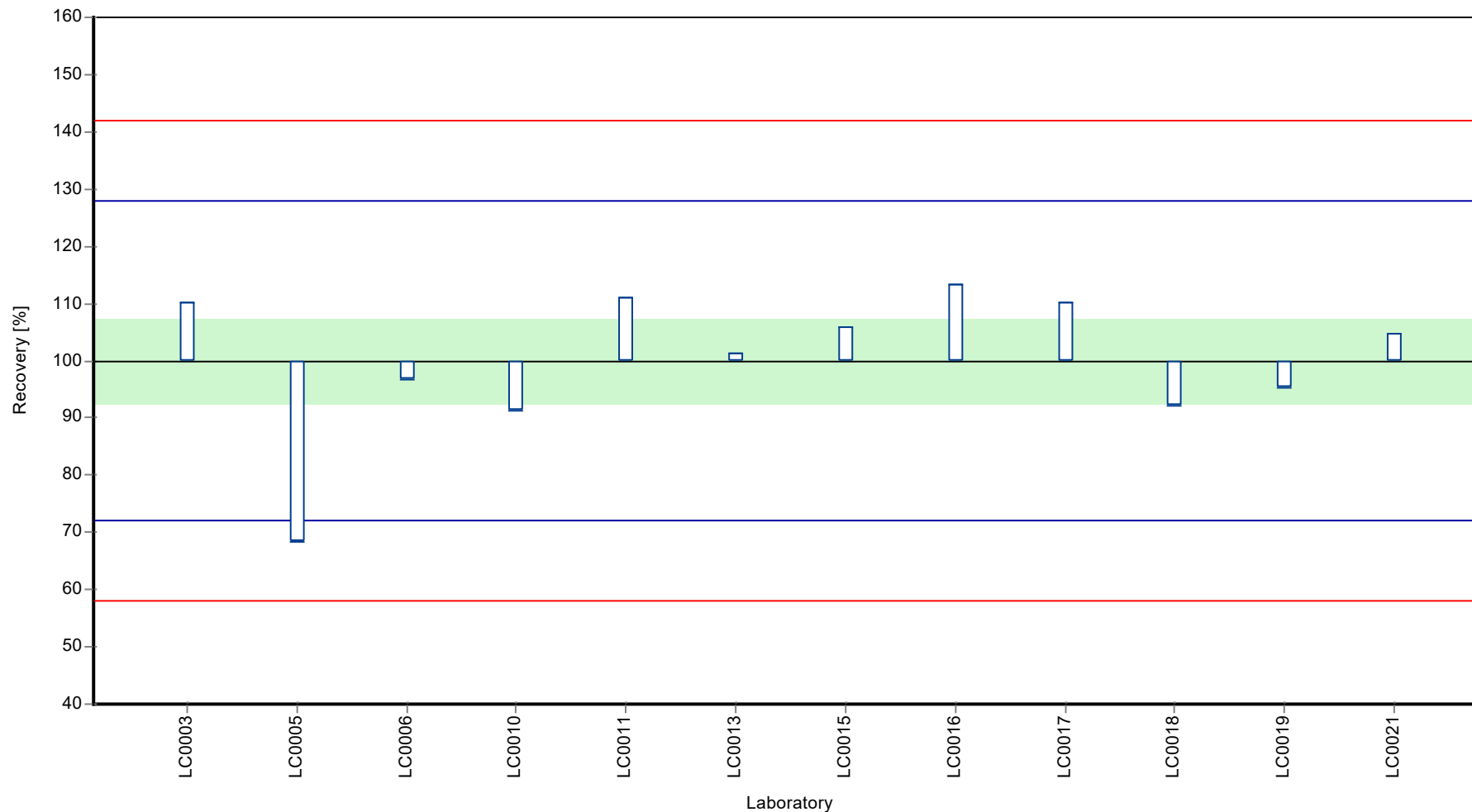
	all results	without outliers	Unit
Mean ± CI (99%)	0.892 ± 0.0972	0.892 ± 0.0972	µg/l
Minimum	0.609	0.609	µg/l
Maximum	1.01	1.01	µg/l
Standard deviation	0.112	0.112	µg/l
rel. standard deviation	12.6	12.6	%
n	12	12	-

Graphical presentation of results

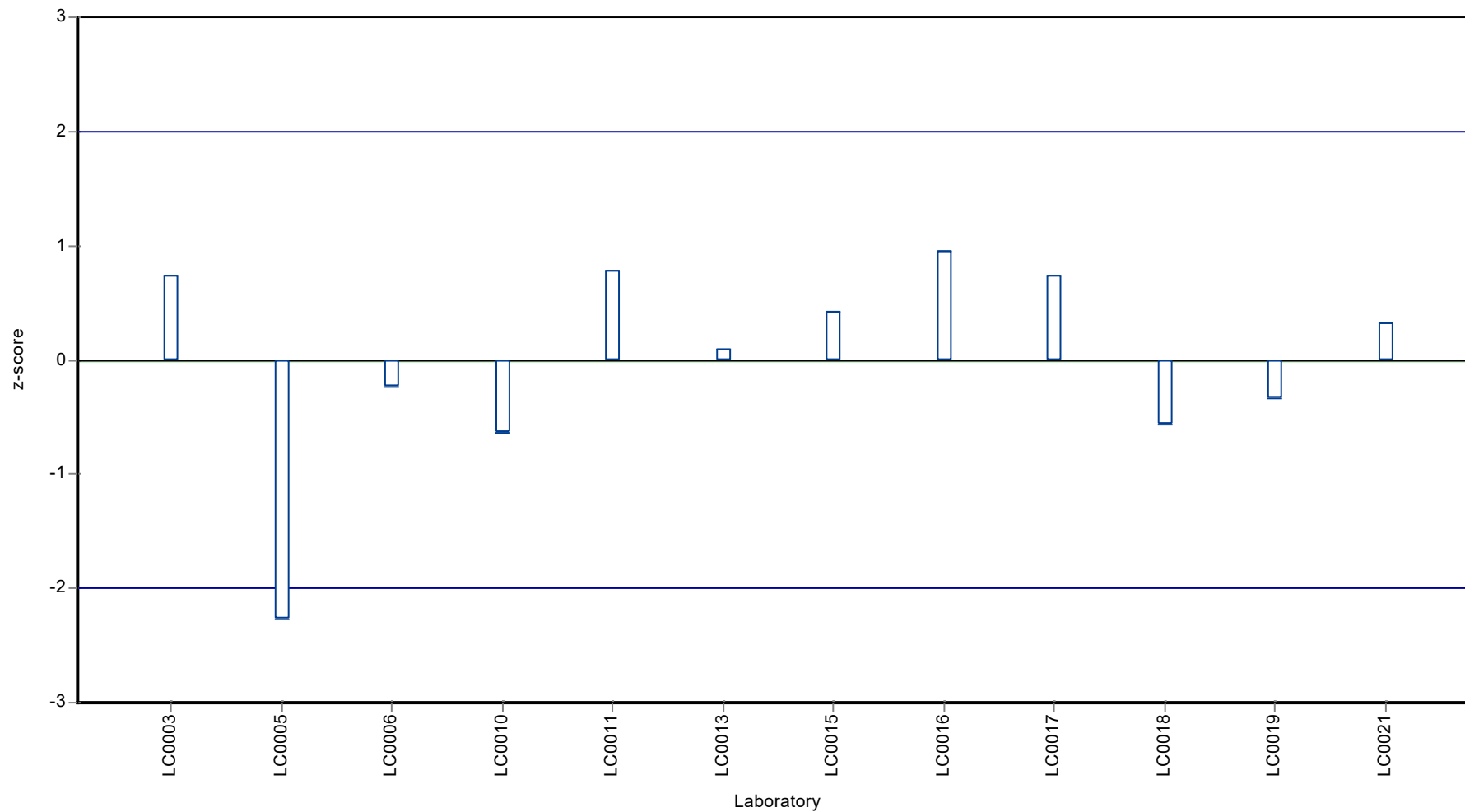
Results



**Recovery rate**



Z-score



## Parameter oriented report

### H106 B

#### Bromacil

Unit	µg/l
Assigned value ± U (k=2)	0.462 ± 0.0255
Criterion	0.0646 (14 %)
Minimum - Maximum	0.407 - 0.545
Control test value ± U (k=2)	0.44 ± 0.0659

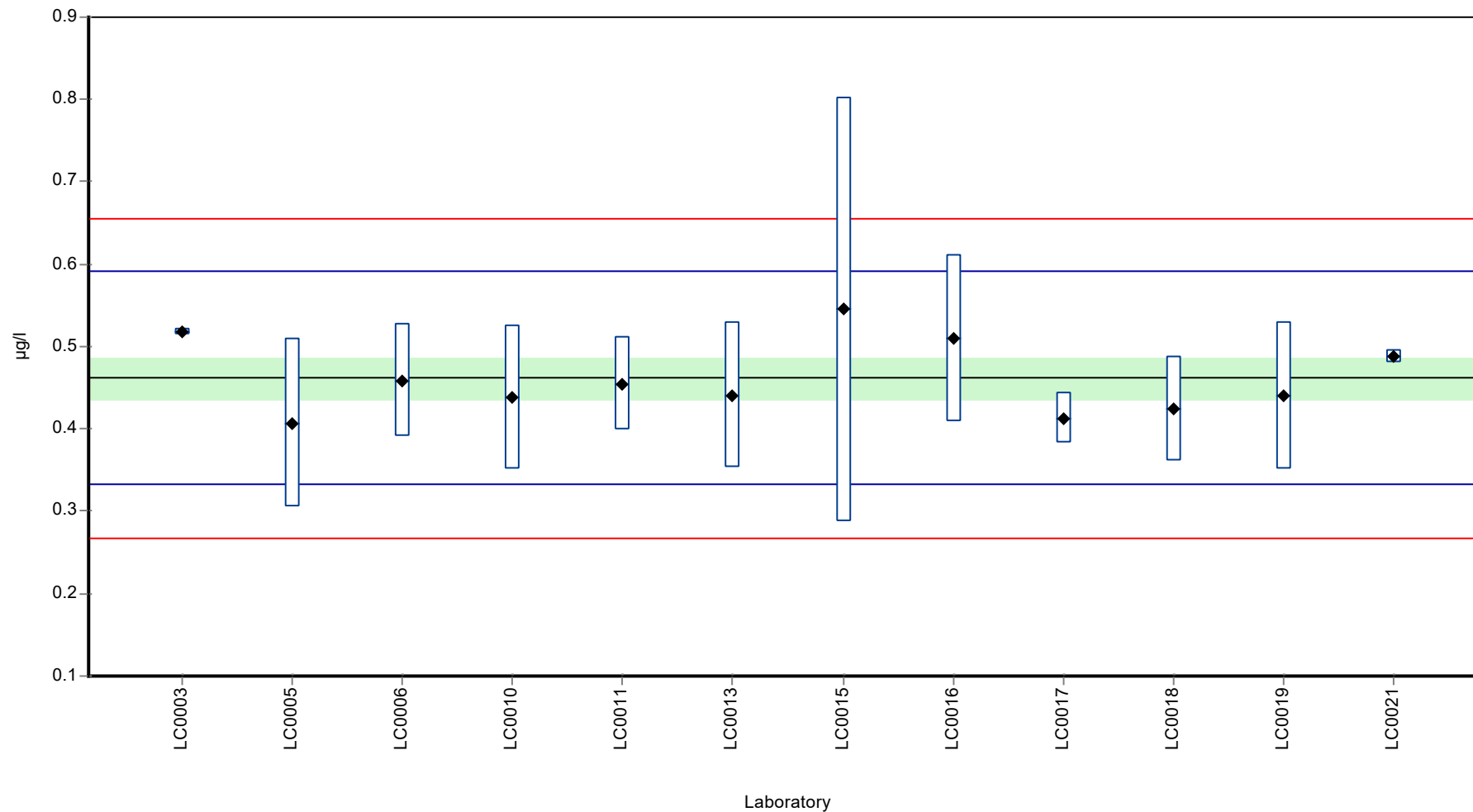
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.5181	0.0036	112	0.88	
LC0004	-	-	-	-	
LC0005	0.407	0.102	88.2	-0.84	
LC0006	0.459	0.069	99.4	-0.04	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.438	0.088	94.9	-0.36	
LC0011	0.455	0.056	98.6	-0.1	
LC0012	-	-	-	-	
LC0013	0.441	0.088	95.5	-0.32	
LC0014	-	-	-	-	
LC0015	0.5452	0.2577	118	1.29	
LC0016	0.51	0.102	110	0.75	
LC0017	0.4134	0.03	89.6	-0.74	
LC0018	0.424	0.064	91.9	-0.58	
LC0019	0.44	0.09	95.3	-0.33	
LC0020	-	-	-	-	
LC0021	0.488	0.008	106	0.41	

#### Characteristics of parameter

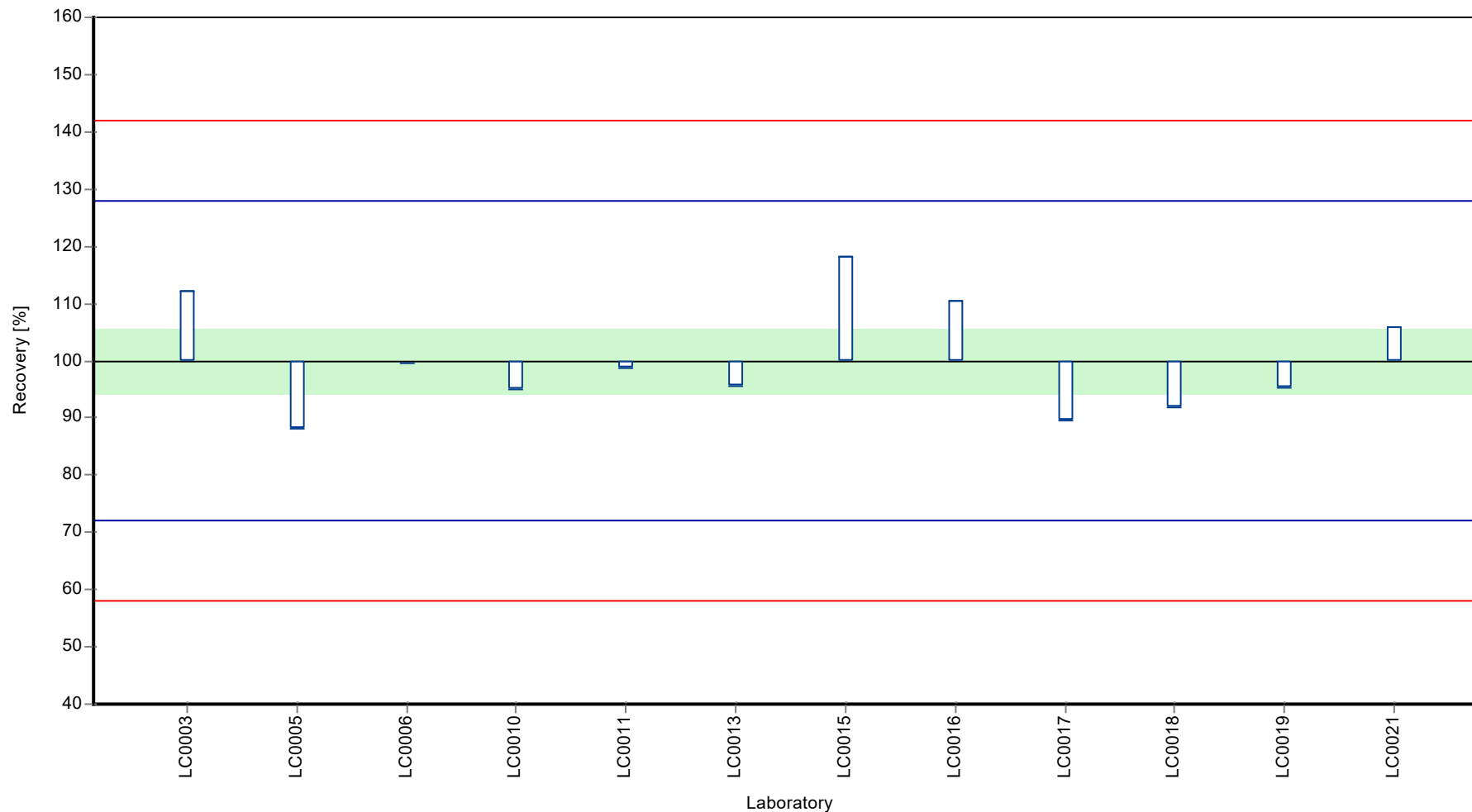
	all results	without outliers	Unit
Mean ± CI (99%)	0.462 ± 0.0382	0.462 ± 0.0382	µg/l
Minimum	0.407	0.407	µg/l
Maximum	0.545	0.545	µg/l
Standard deviation	0.0441	0.0441	µg/l
rel. standard deviation	9.56	9.56	%
n	12	12	-

Graphical presentation of results

Results

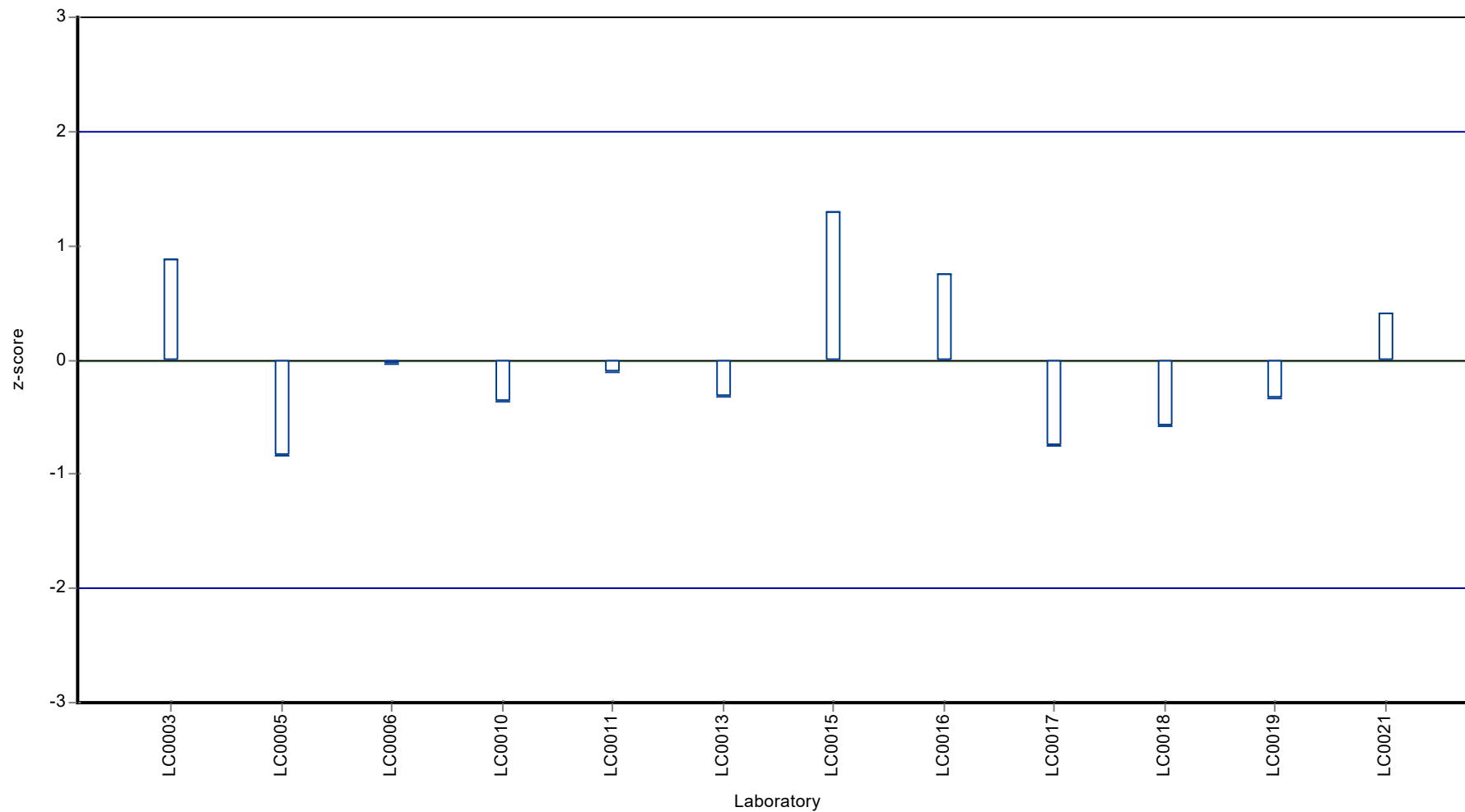


**Recovery rate**





Z-score



## Parameter oriented report

### H106 A

#### Chloridazon

Unit	µg/l
Assigned value ± U (k=2)	0.223 ± 0.0148
Criterion	0.029 (13 %)
Minimum - Maximum	0.164 - 0.263
Control test value ± U (k=2)	0.243 ± 0.0364

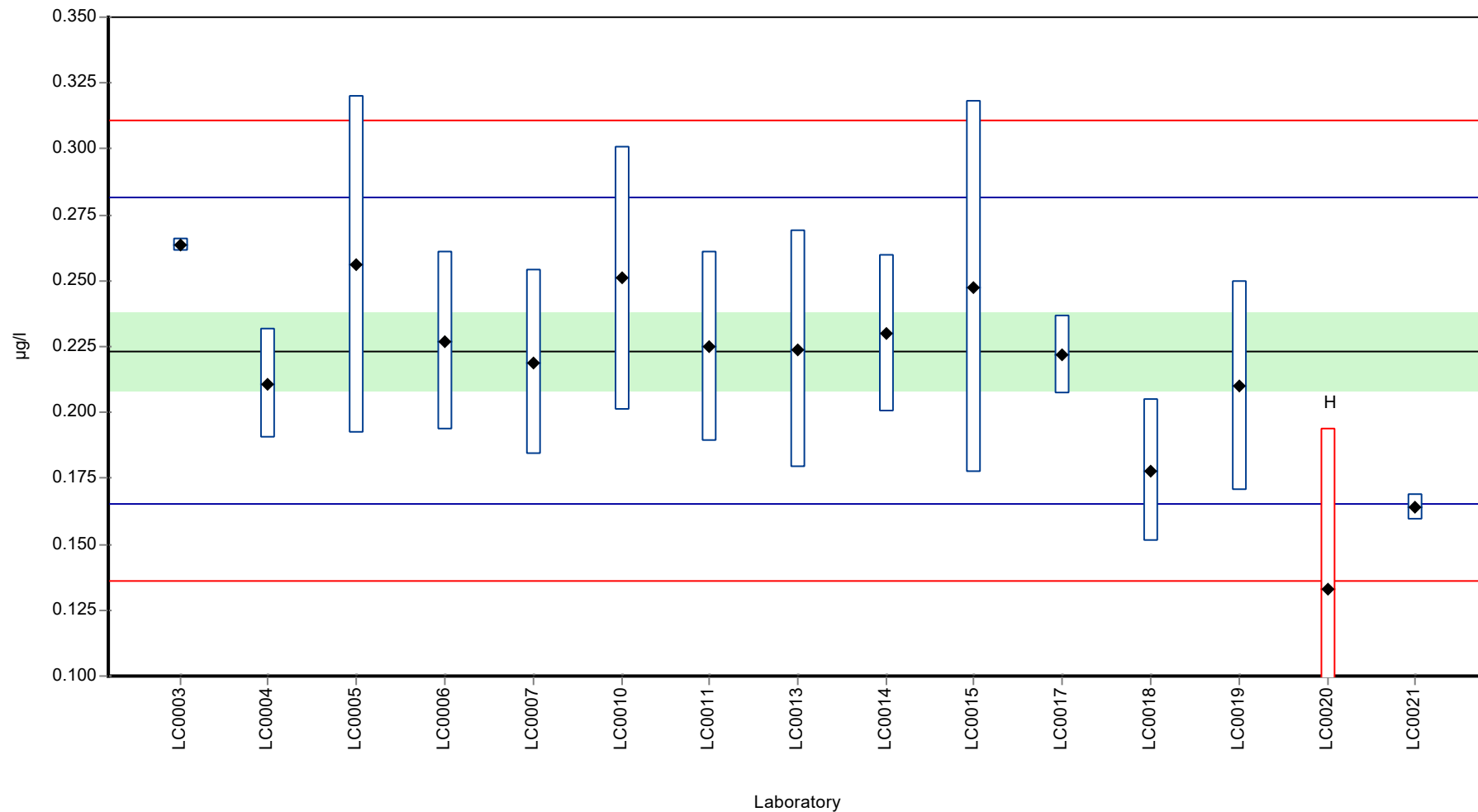
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.2634	0.0026	118	1.38	
LC0004	0.211	0.021	94.4	-0.43	
LC0005	0.256	0.064	115	1.12	
LC0006	0.227	0.034	102	0.12	
LC0007	0.219	0.035	98	-0.15	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.251	0.05	112	0.95	
LC0011	0.225	0.036	101	0.05	
LC0012	-	-	-	-	
LC0013	0.224	0.045	100	0.02	
LC0014	0.23	0.03	103	0.23	
LC0015	0.2477	0.0707	111	0.84	
LC0016	-	-	-	-	
LC0017	0.2218	0.015	99.3	-0.06	
LC0018	0.178	0.027	79.7	-1.56	
LC0019	0.21	0.04	94	-0.46	
LC0020	0.133	0.061	59.5	-3.11	H
LC0021	0.164	0.005	73.4	-2.05	

#### Characteristics of parameter

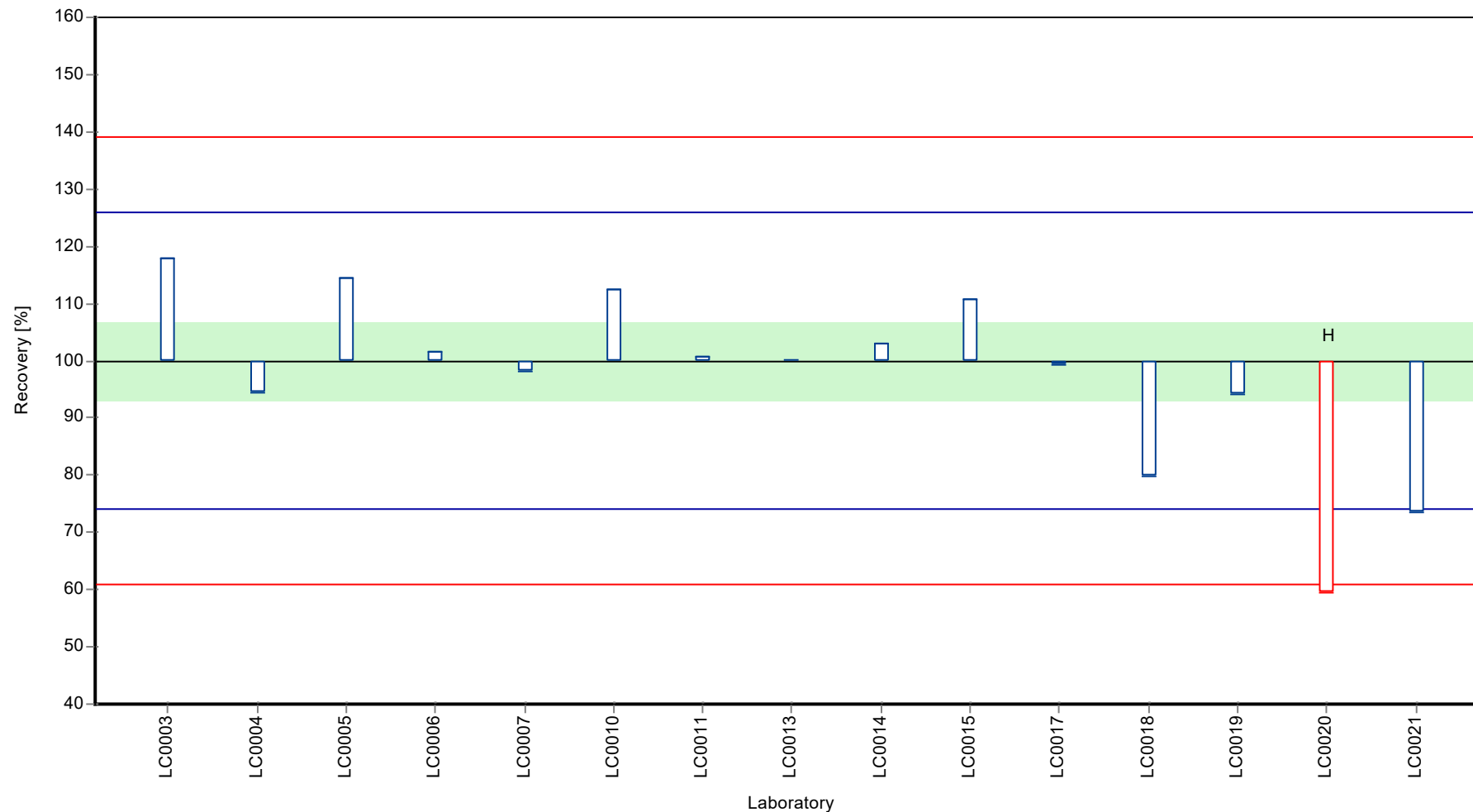
	all results	without outliers	Unit
Mean ± CI (99%)	0.217 ± 0.0275	0.223 ± 0.0223	µg/l
Minimum	0.133	0.164	µg/l
Maximum	0.263	0.263	µg/l
Standard deviation	0.0355	0.0278	µg/l
rel. standard deviation	16.3	12.4	%
n	15	14	-

Graphical presentation of results

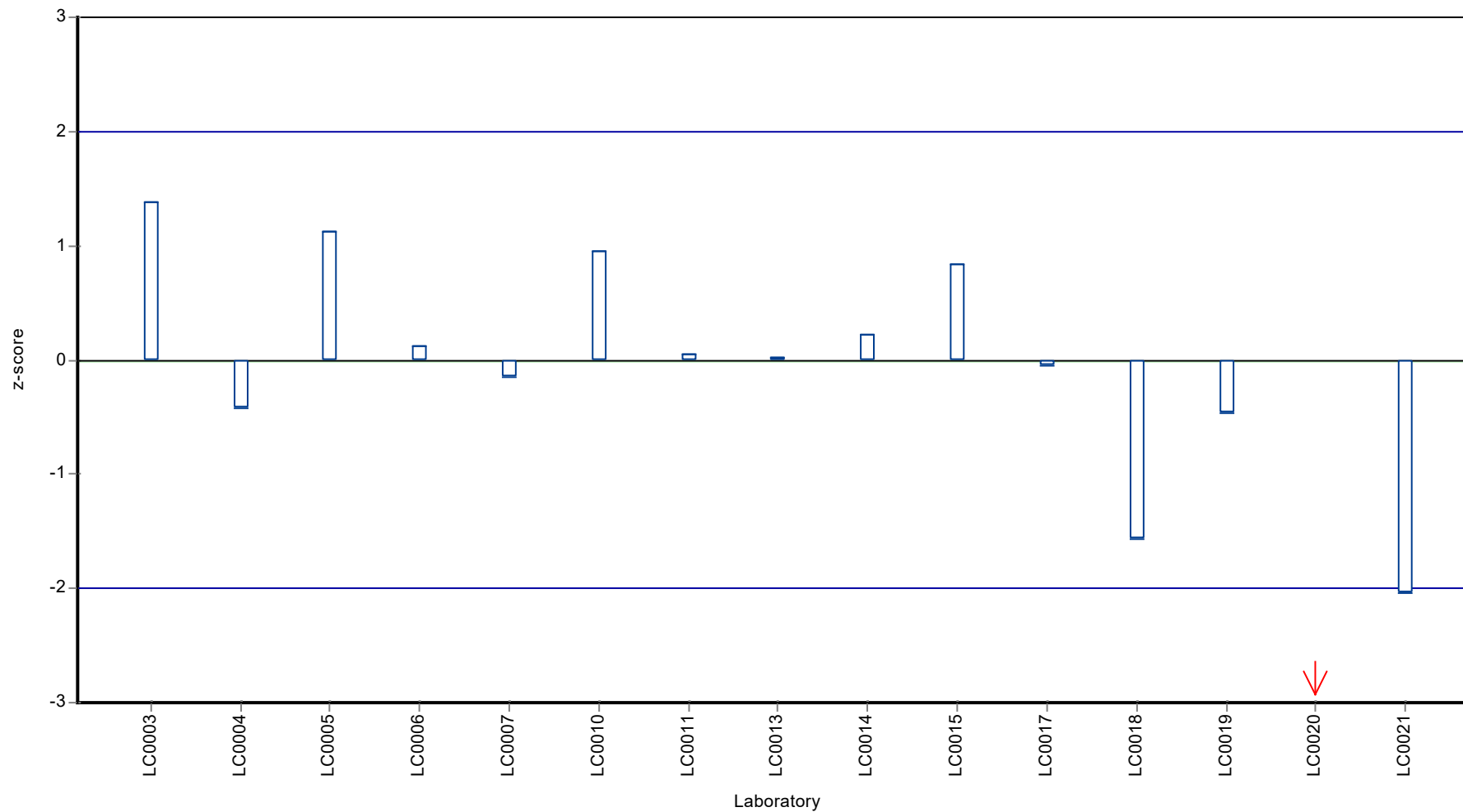
Results



**Recovery rate**



Z-score



## Parameter oriented report

### H106 B

#### Chloridazon

Unit	µg/l
Assigned value ± U (k=2)	0.434 ± 0.035
Criterion	0.0564 (13 %)
Minimum - Maximum	0.301 - 0.55
Control test value ± U (k=2)	0.47 ± 0.0704

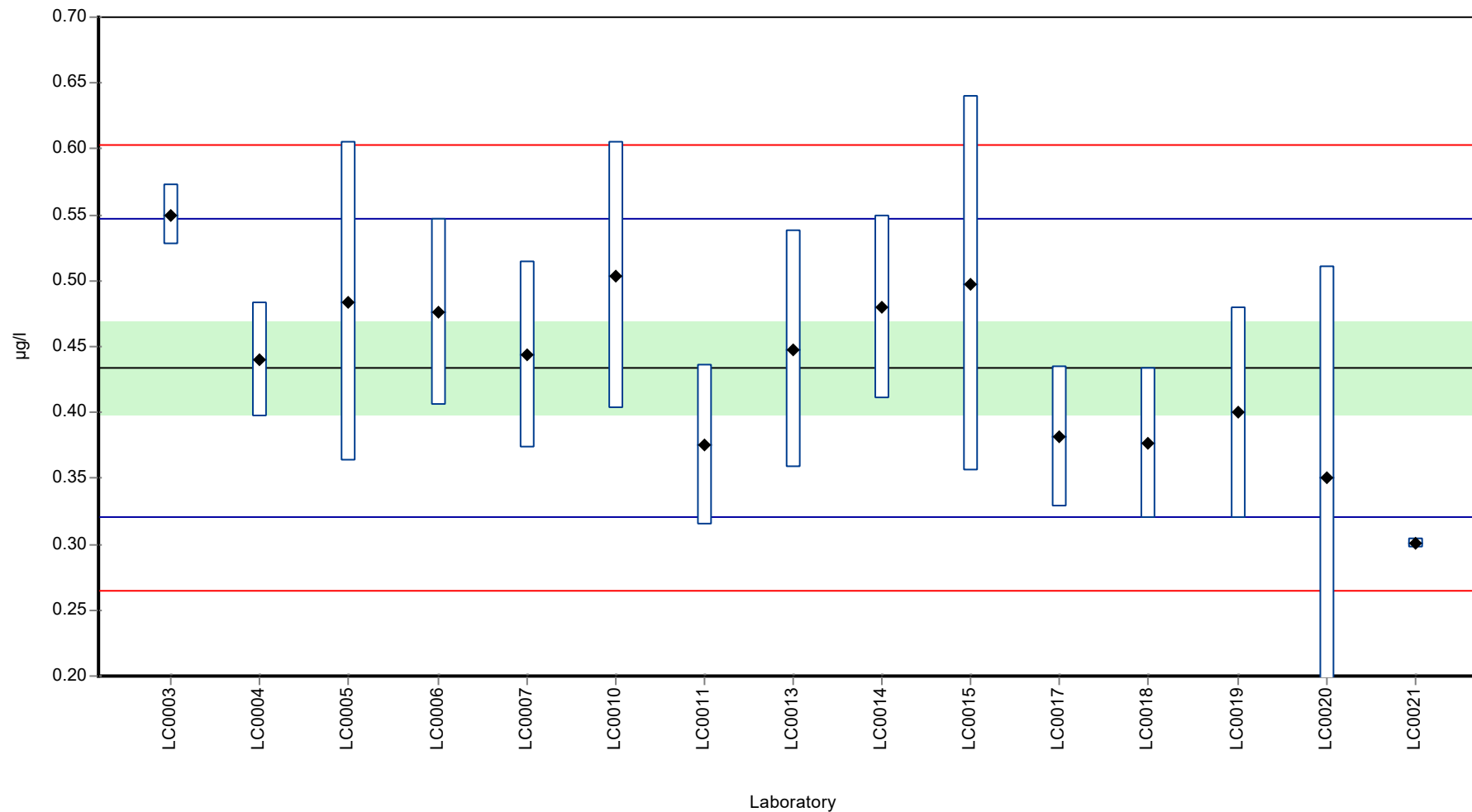
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.5498	0.0228	127	2.06	
LC0004	0.44	0.044	101	0.11	
LC0005	0.484	0.121	112	0.89	
LC0006	0.476	0.071	110	0.75	
LC0007	0.444	0.071	102	0.18	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.504	0.101	116	1.24	
LC0011	0.375	0.061	86.4	-1.04	
LC0012	-	-	-	-	
LC0013	0.448	0.09	103	0.25	
LC0014	0.48	0.07	111	0.82	
LC0015	0.4978	0.1422	115	1.13	
LC0016	-	-	-	-	
LC0017	0.3815	0.053	87.9	-0.93	
LC0018	0.377	0.057	86.9	-1.01	
LC0019	0.4	0.08	92.2	-0.6	
LC0020	0.35	0.161	80.7	-1.49	
LC0021	0.301	0.004	69.4	-2.36	

#### Characteristics of parameter

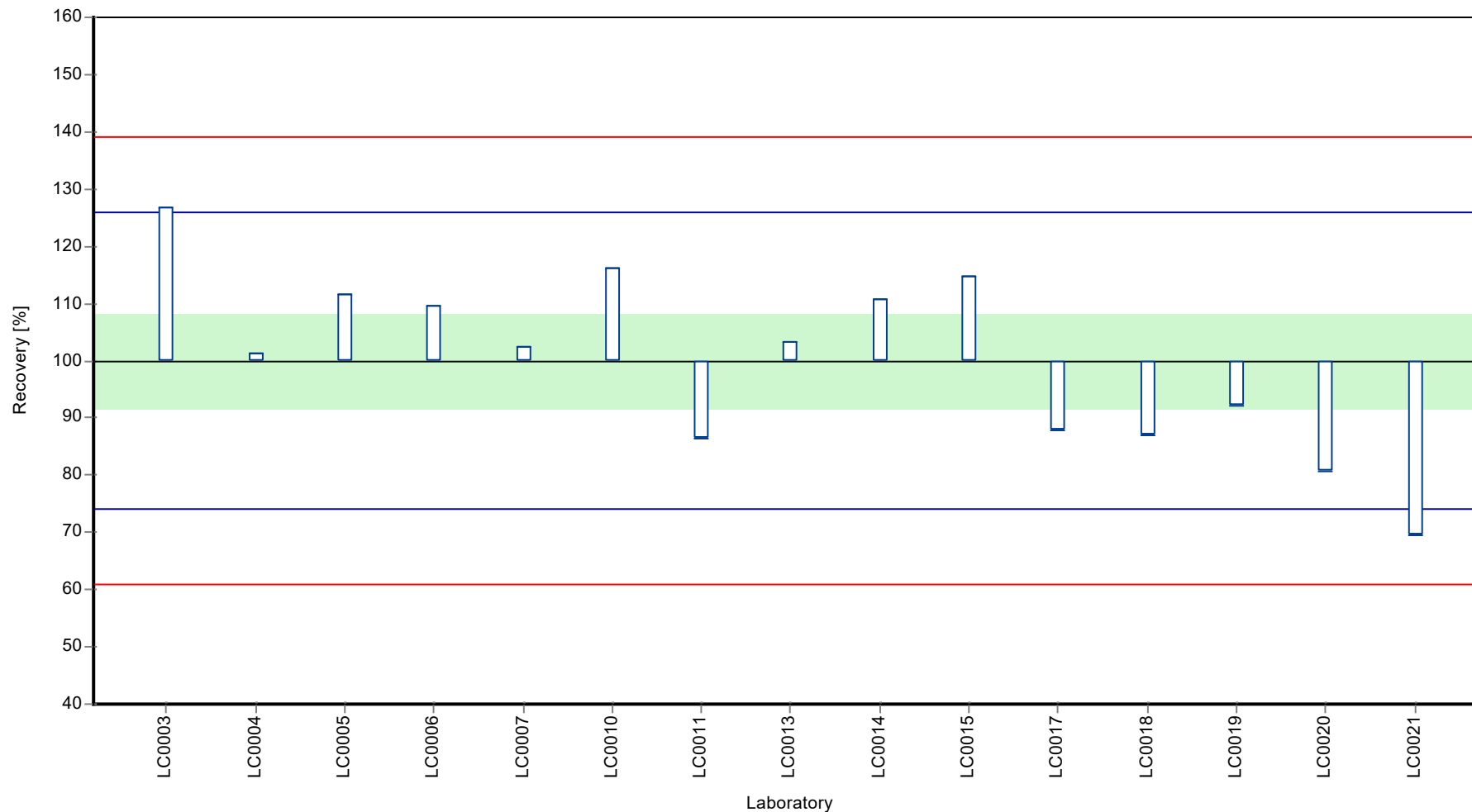
	all results	without outliers	Unit
Mean ± CI (99%)	0.434 ± 0.0526	0.434 ± 0.0526	µg/l
Minimum	0.301	0.301	µg/l
Maximum	0.55	0.55	µg/l
Standard deviation	0.0679	0.0679	µg/l
rel. standard deviation	15.6	15.6	%
n	15	15	-

Graphical presentation of results

Results

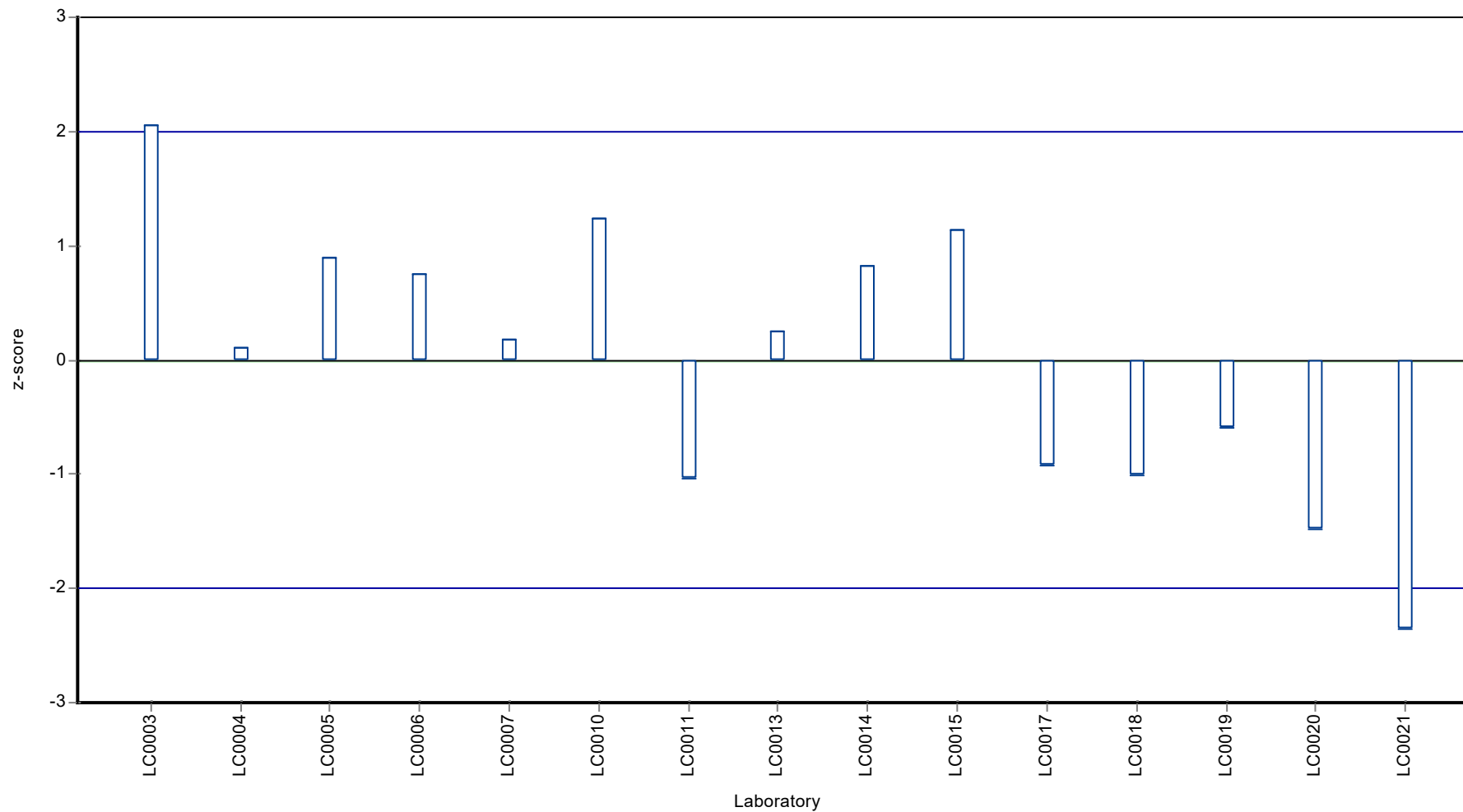


**Recovery rate**





Z-score



## Parameter oriented report

### H106 A

#### Chloridazon-desphenyl

Unit	µg/l
Assigned value ± U (k=2)	0.363 ± 0.0253
Criterion	0.0399 (11 %)
Minimum - Maximum	0.295 - 0.454
Control test value ± U (k=2)	0.347 ± 0.0521

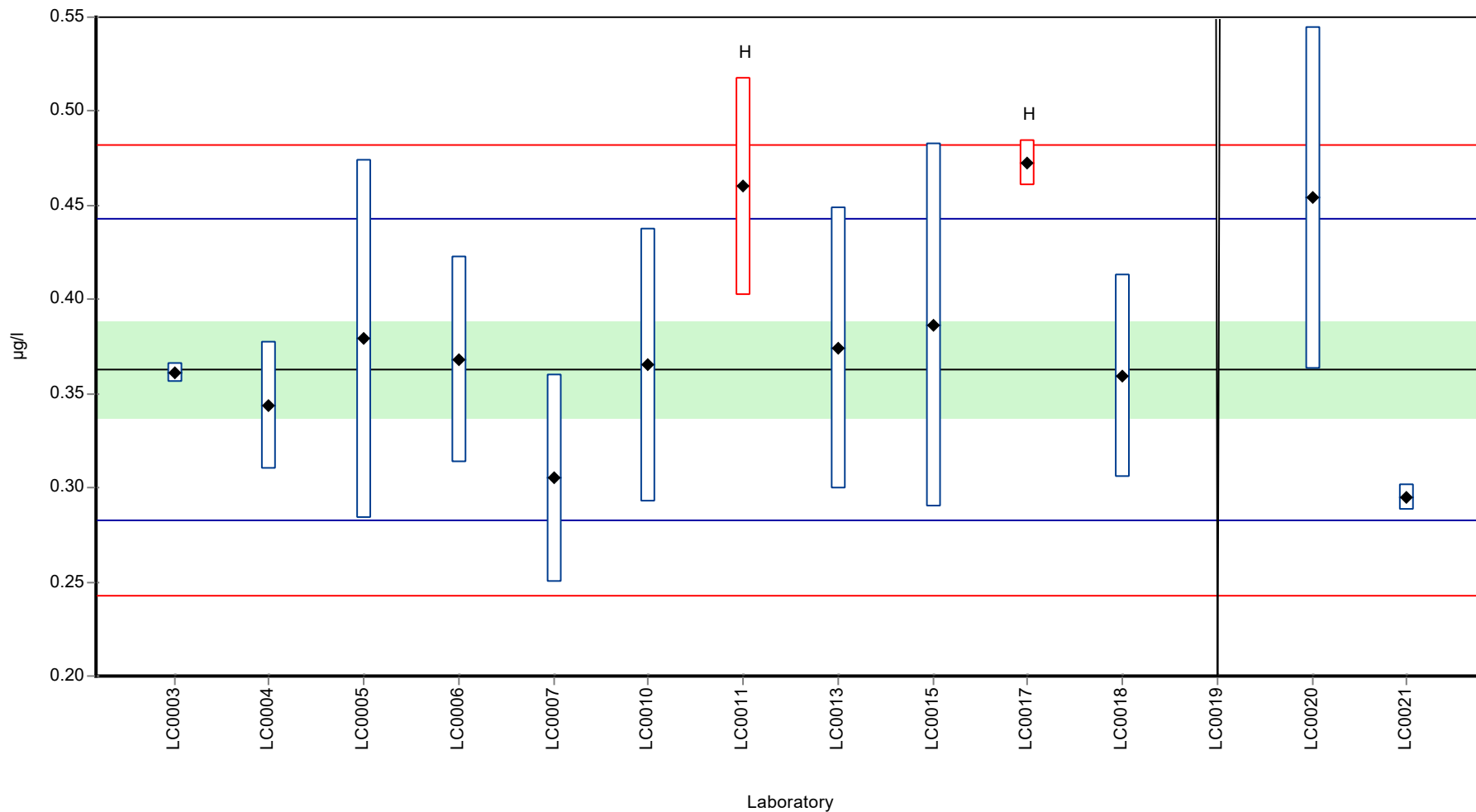
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.361	0.0053	99.5	-0.04	
LC0004	0.344	0.034	94.8	-0.47	
LC0005	0.379	0.095	104	0.41	
LC0006	0.368	0.055	101	0.13	
LC0007	0.305	0.055	84.1	-1.45	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.365	0.073	101	0.06	
LC0011	0.46	0.058	127	2.44	H
LC0012	-	-	-	-	
LC0013	0.374	0.075	103	0.28	
LC0014	-	-	-	-	
LC0015	0.3861	0.0965	106	0.59	
LC0016	-	-	-	-	
LC0017	0.4725	0.012	130	2.75	H
LC0018	0.359	0.054	99	-0.09	
LC0019	< 1 (LOQ)	-	-	-	
LC0020	0.454	0.091	125	2.29	
LC0021	0.295	0.007	81.3	-1.7	

#### Characteristics of parameter

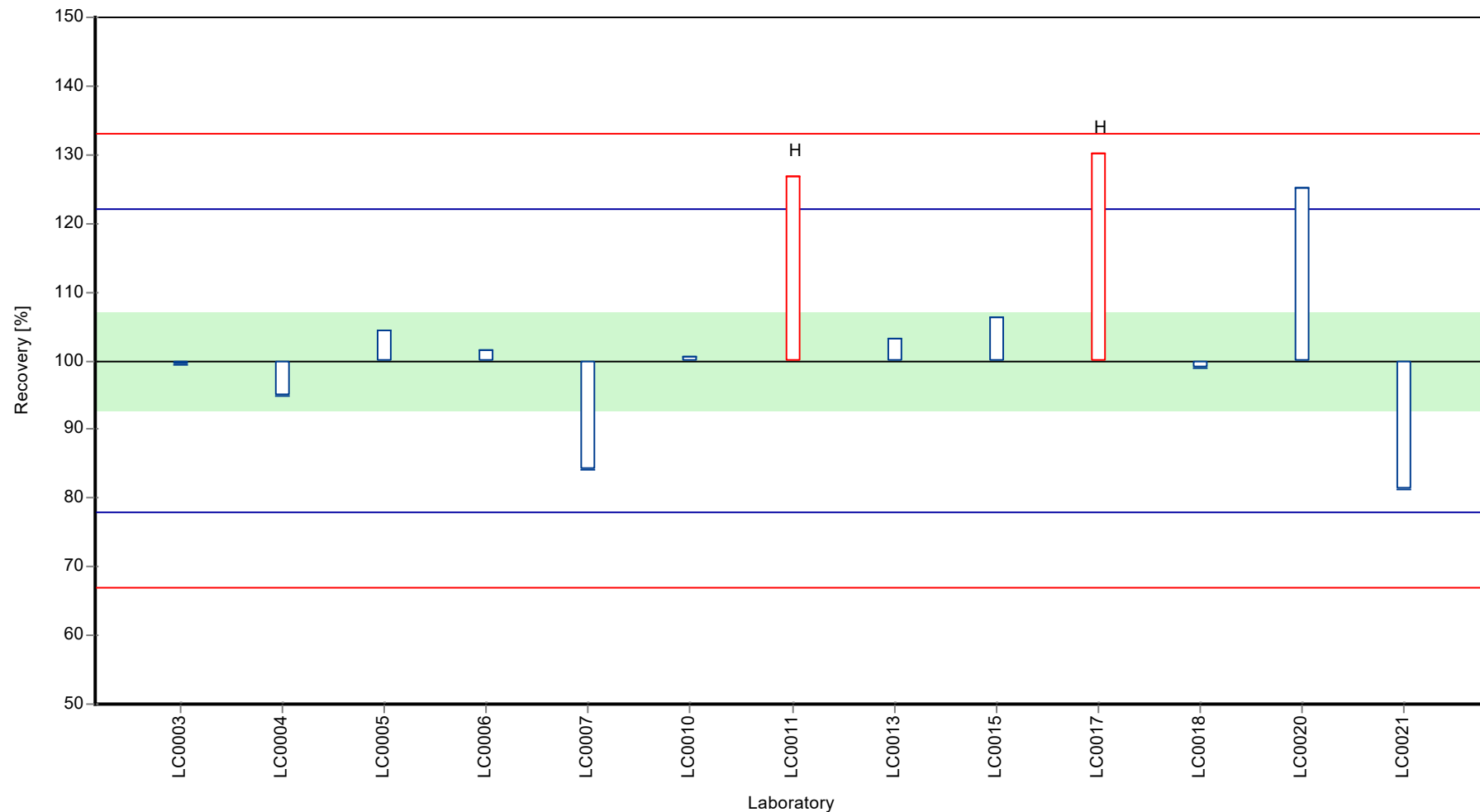
	all results	without outliers	Unit
Mean ± CI (99%)	0.379 ± 0.0454	0.363 ± 0.0379	µg/l
Minimum	0.295	0.295	µg/l
Maximum	0.473	0.454	µg/l
Standard deviation	0.0546	0.0419	µg/l
rel. standard deviation	14.4	11.6	%
n	13	11	-

Graphical presentation of results

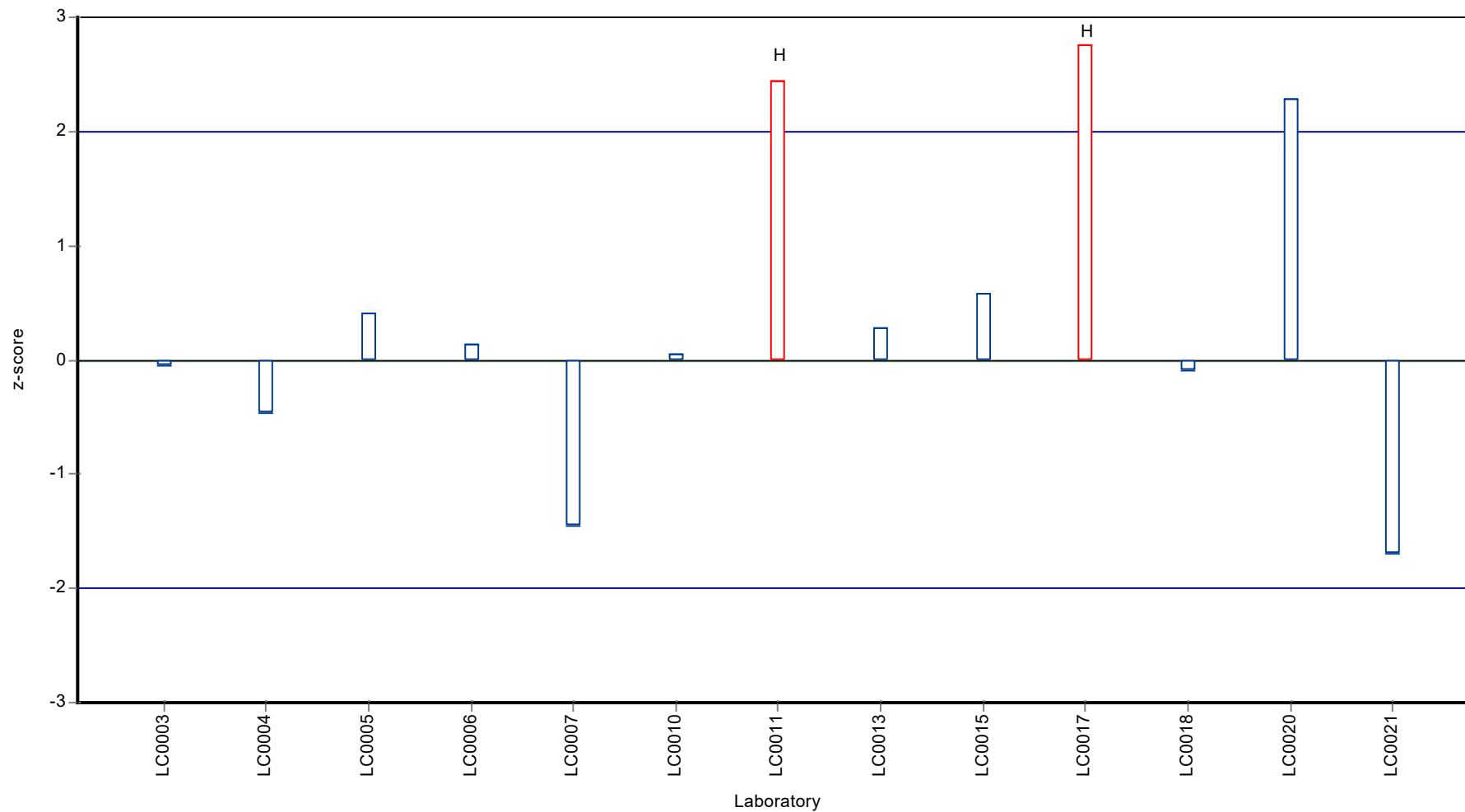
Results



**Recovery rate**



Z-score



## Parameter oriented report

### H106 B

#### Chloridazon-desphenyl

Unit	µg/l
Assigned value ± U (k=2)	0.173 ± 0.0115
Criterion	0.019 (11 %)
Minimum - Maximum	0.138 - 0.203
Control test value ± U (k=2)	0.154 ± 0.0231

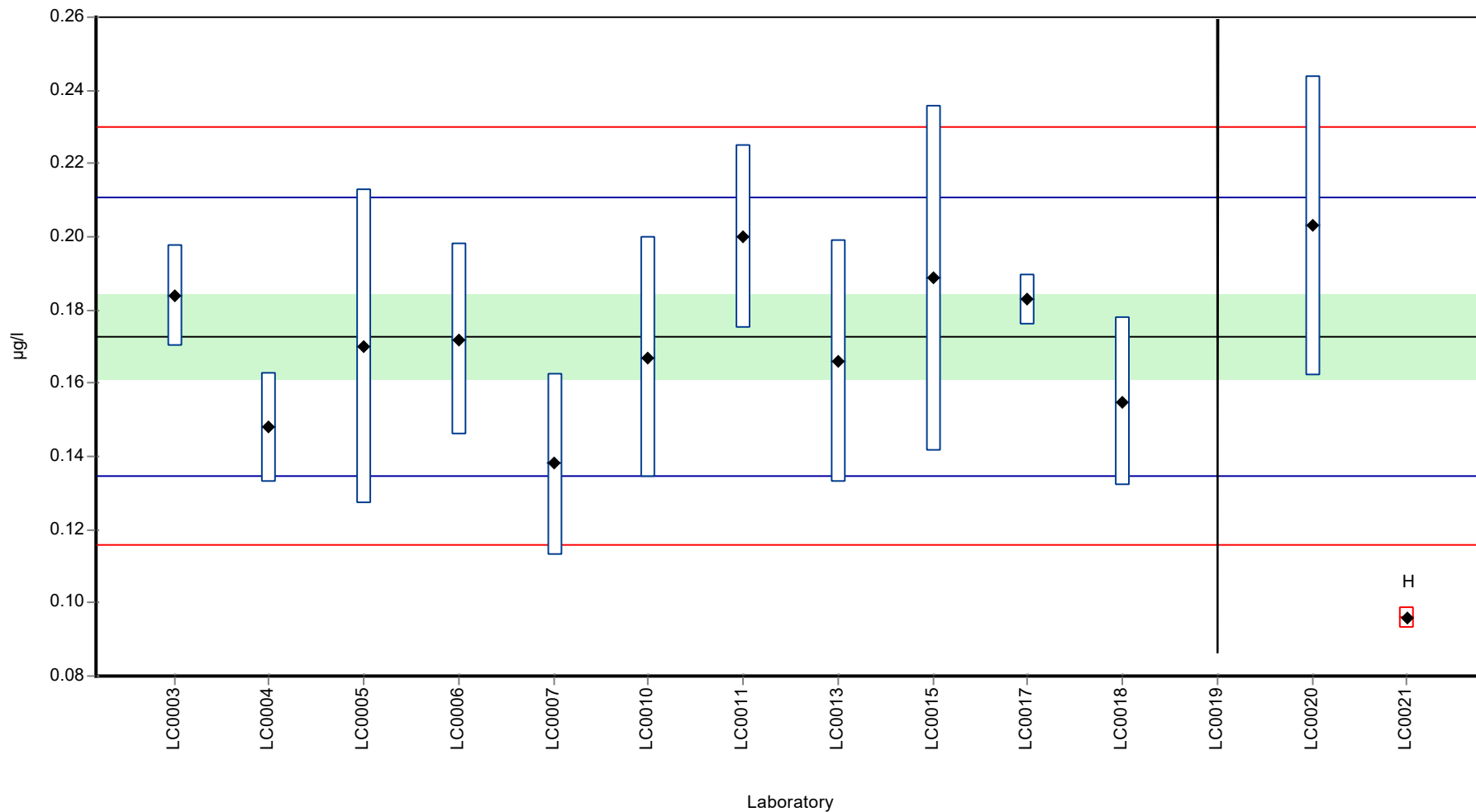
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.1837	0.0139	106	0.57	
LC0004	0.148	0.015	85.6	-1.31	
LC0005	0.17	0.043	98.4	-0.15	
LC0006	0.172	0.026	99.5	-0.04	
LC0007	0.138	0.025	79.8	-1.83	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.167	0.033	96.6	-0.31	
LC0011	0.2	0.025	116	1.43	
LC0012	-	-	-	-	
LC0013	0.166	0.033	96	-0.36	
LC0014	-	-	-	-	
LC0015	0.1886	0.0472	109	0.83	
LC0016	-	-	-	-	
LC0017	0.1828	0.007	106	0.52	
LC0018	0.155	0.023	89.7	-0.94	
LC0019	< 1 (LOQ)	-	-	-	
LC0020	0.203	0.041	117	1.59	
LC0021	0.096	0.003	55.5	-4.04	H

#### Characteristics of parameter

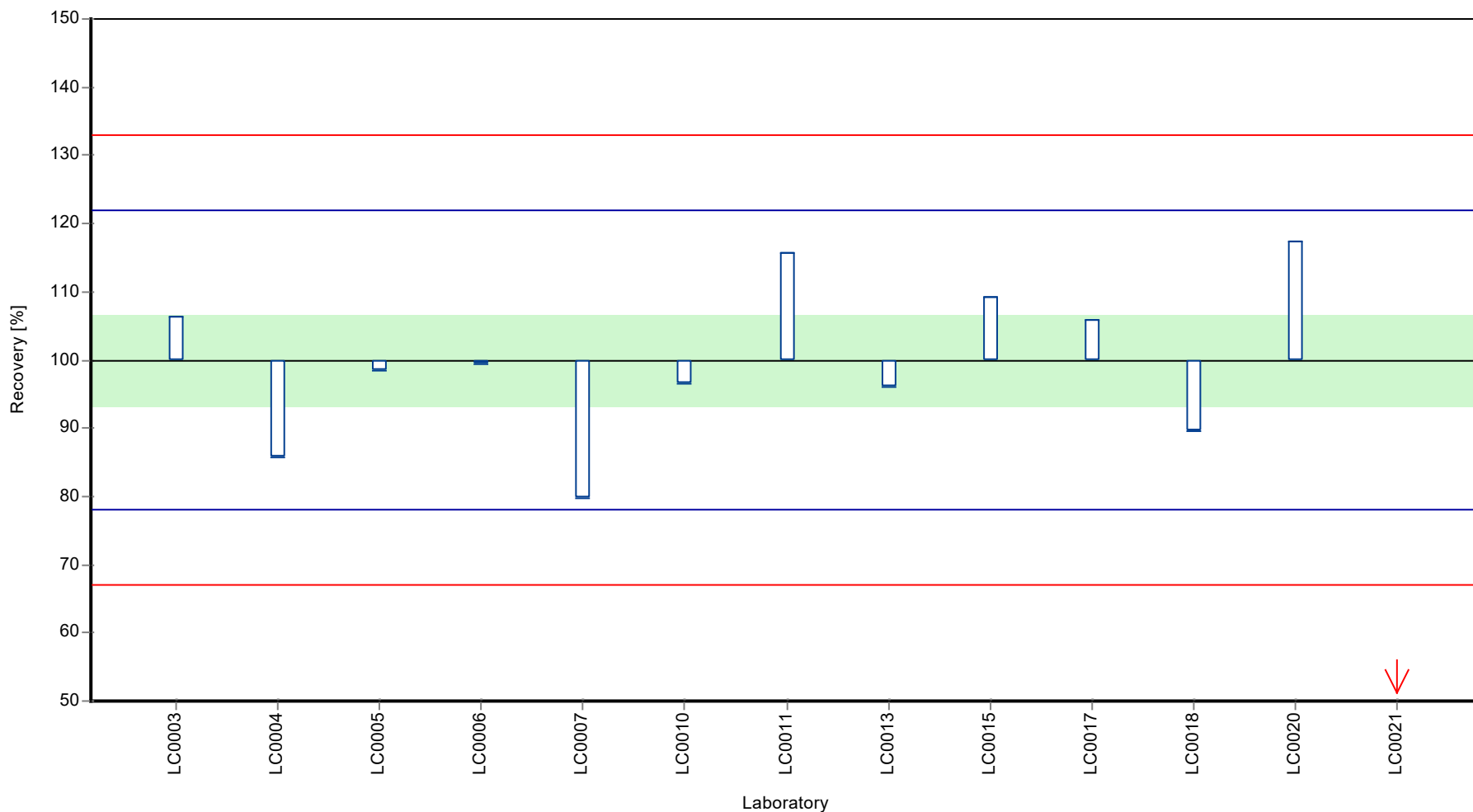
	all results	without outliers	Unit
Mean ± CI (99%)	0.167 ± 0.0238	0.173 ± 0.0172	µg/l
Minimum	0.096	0.138	µg/l
Maximum	0.203	0.203	µg/l
Standard deviation	0.0286	0.0199	µg/l
rel. standard deviation	17.1	11.5	%
n	13	12	-

Graphical presentation of results

Results

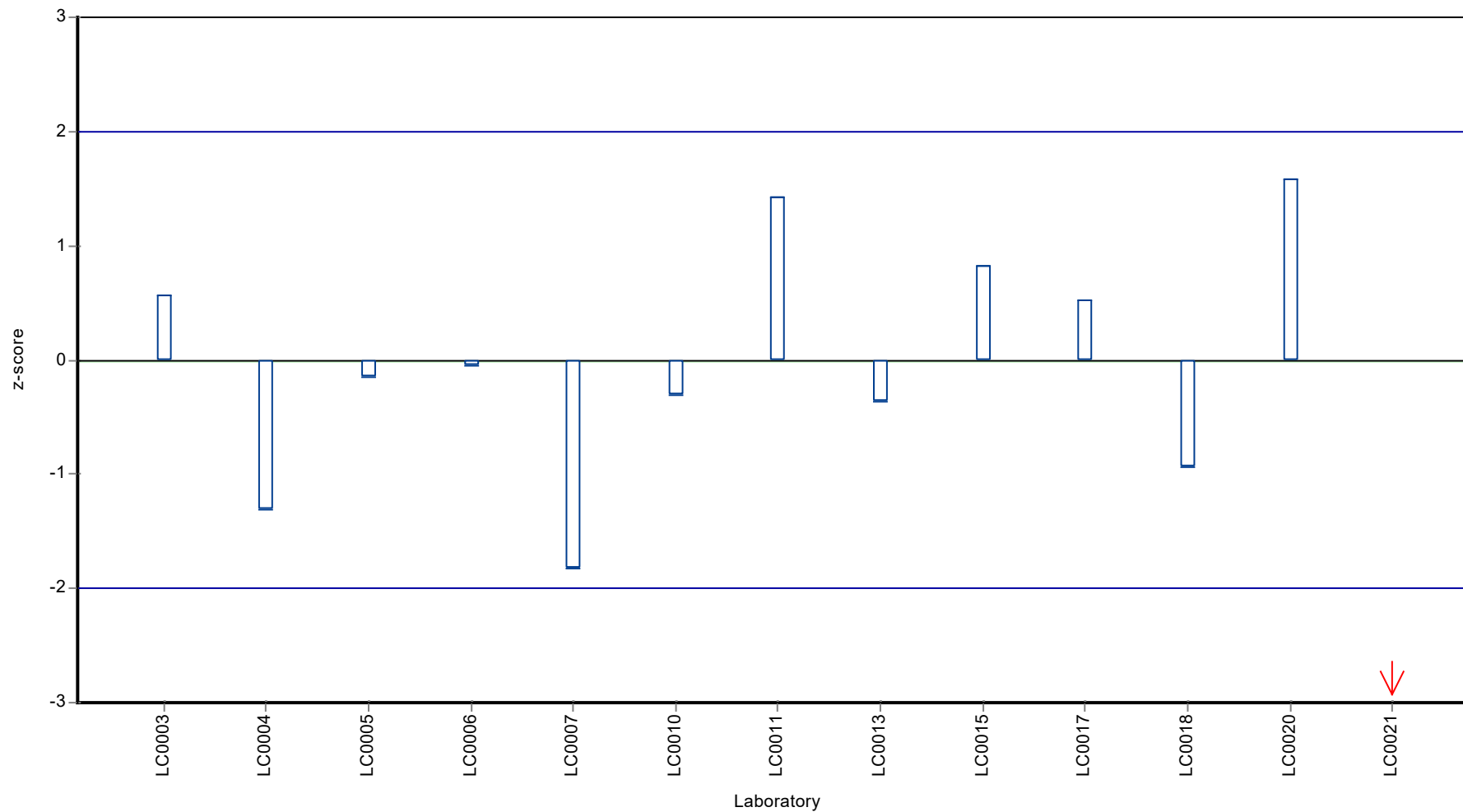


**Recovery rate**





Z-score



## Parameter oriented report

### H106 A

#### Chloridazon-methyl-desphenyl

Unit	µg/l
Assigned value ± U (k=2)	0.0774 ± 0.00456
Criterion	0.0101 (13 %)
Minimum - Maximum	0.064 - 0.0884
Control test value ± U (k=2)	0.0988 ± 0.0148

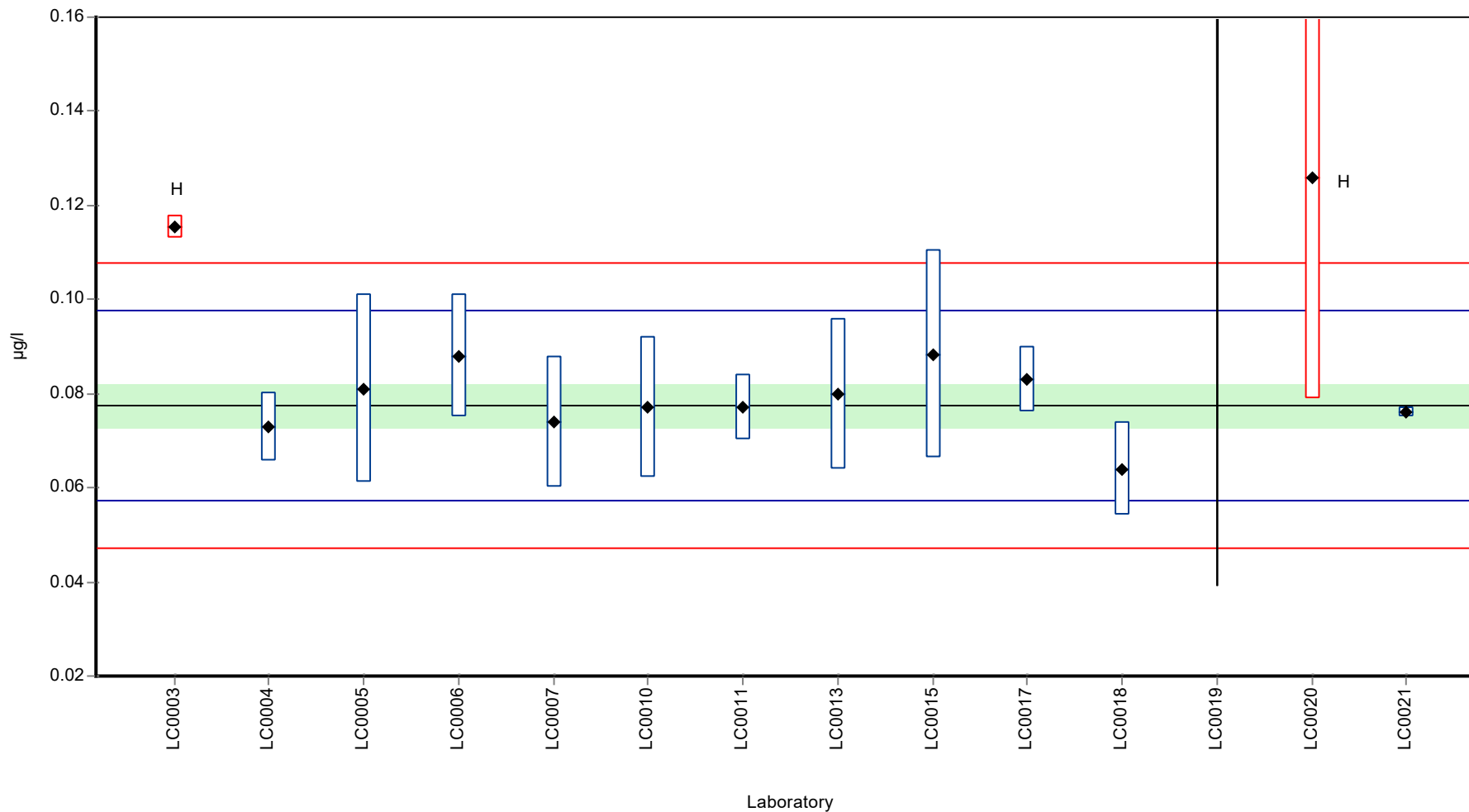
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.1154	0.0023	149	3.77	H
LC0004	0.073	0.0073	94.3	-0.44	
LC0005	0.081	0.02	105	0.35	
LC0006	0.088	0.013	114	1.05	
LC0007	0.074	0.014	95.6	-0.34	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.077	0.015	99.4	-0.04	
LC0011	0.077	0.007	99.4	-0.04	
LC0012	-	-	-	-	
LC0013	0.08	0.016	103	0.25	
LC0014	-	-	-	-	
LC0015	0.0884	0.0221	114	1.09	
LC0016	-	-	-	-	
LC0017	0.083	0.007	107	0.55	
LC0018	0.064	0.01	82.6	-1.33	
LC0019	< 1 (LOQ)	-	-	-	
LC0020	0.126	0.047	163	4.82	H
LC0021	0.076	0.001	98.1	-0.14	

#### Characteristics of parameter

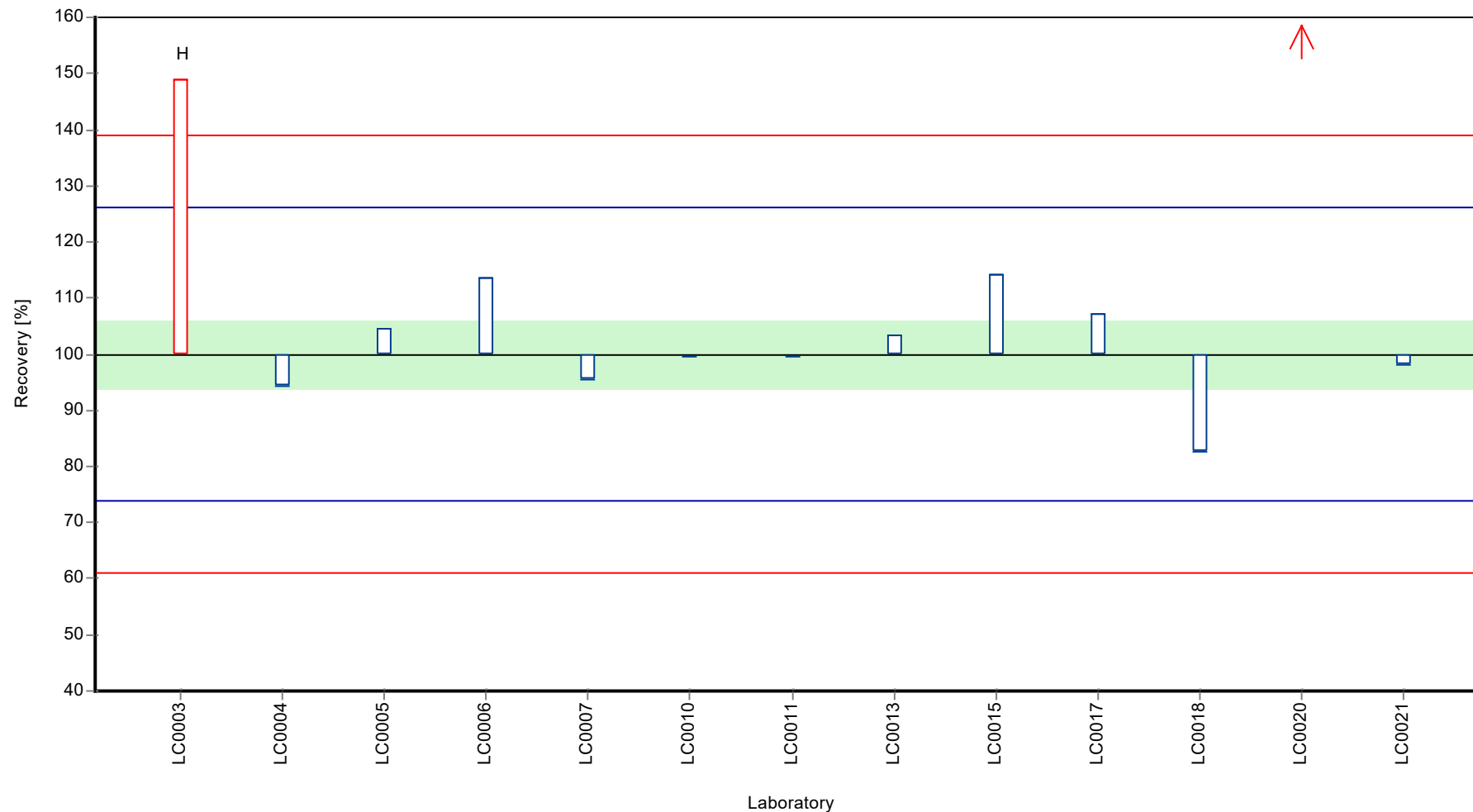
	all results	without outliers	Unit
Mean ± CI (99%)	0.0848 ± 0.0144	0.0783 ± 0.00632	µg/l
Minimum	0.064	0.064	µg/l
Maximum	0.126	0.0884	µg/l
Standard deviation	0.0173	0.00699	µg/l
rel. standard deviation	20.4	8.92	%
n	13	11	-

Graphical presentation of results

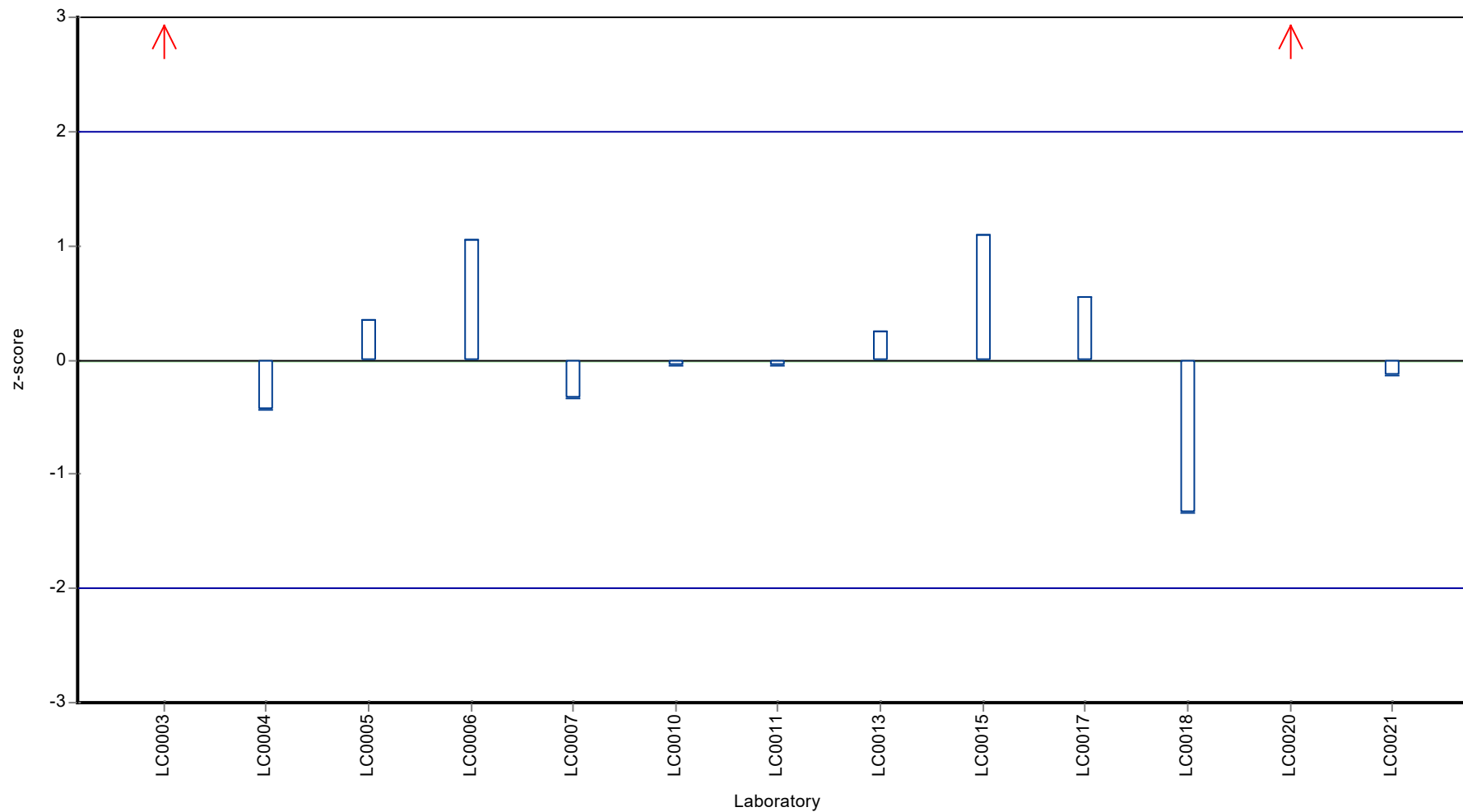
Results



Recovery rate



Z-score



## Parameter oriented report

### H106 B

#### Chloridazon-methyl-desphenyl

Unit	µg/l
Assigned value ± U (k=2)	0.1 ± 0.00951
Criterion	0.013 (13 %)
Minimum - Maximum	0.077 - 0.135
Control test value ± U (k=2)	0.103 ± 0.0154

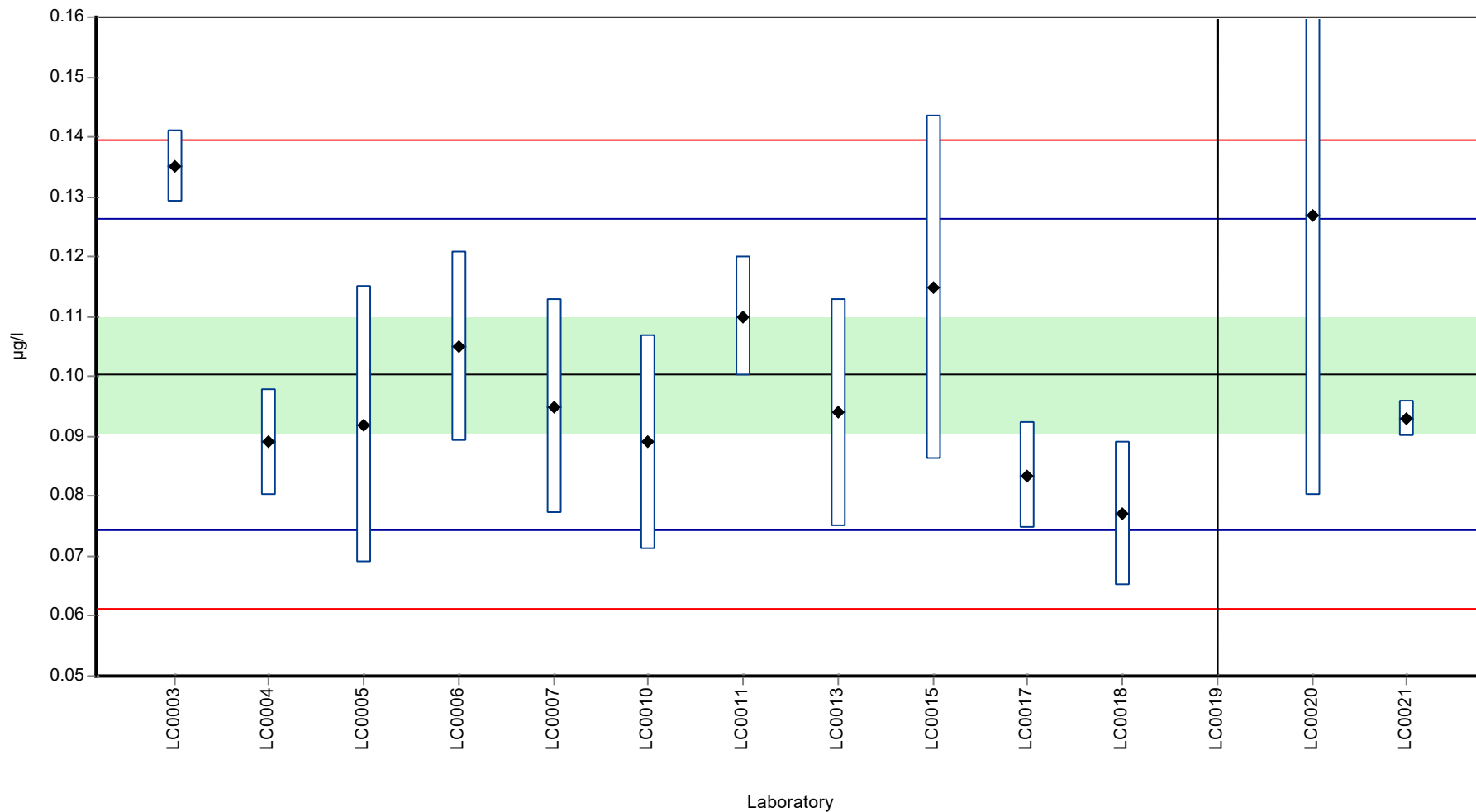
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.1351	0.0061	135	2.67	
LC0004	0.089	0.0089	88.7	-0.87	
LC0005	0.092	0.023	91.7	-0.64	
LC0006	0.105	0.016	105	0.36	
LC0007	0.095	0.018	94.7	-0.41	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.089	0.018	88.7	-0.87	
LC0011	0.11	0.01	110	0.74	
LC0012	-	-	-	-	
LC0013	0.094	0.019	93.7	-0.49	
LC0014	-	-	-	-	
LC0015	0.1149	0.0287	115	1.12	
LC0016	-	-	-	-	
LC0017	0.0835	0.009	83.2	-1.29	
LC0018	0.077	0.012	76.7	-1.79	
LC0019	< 1 (LOQ)	-	-	-	
LC0020	0.127	0.047	127	2.04	
LC0021	0.093	0.003	92.7	-0.56	

#### Characteristics of parameter

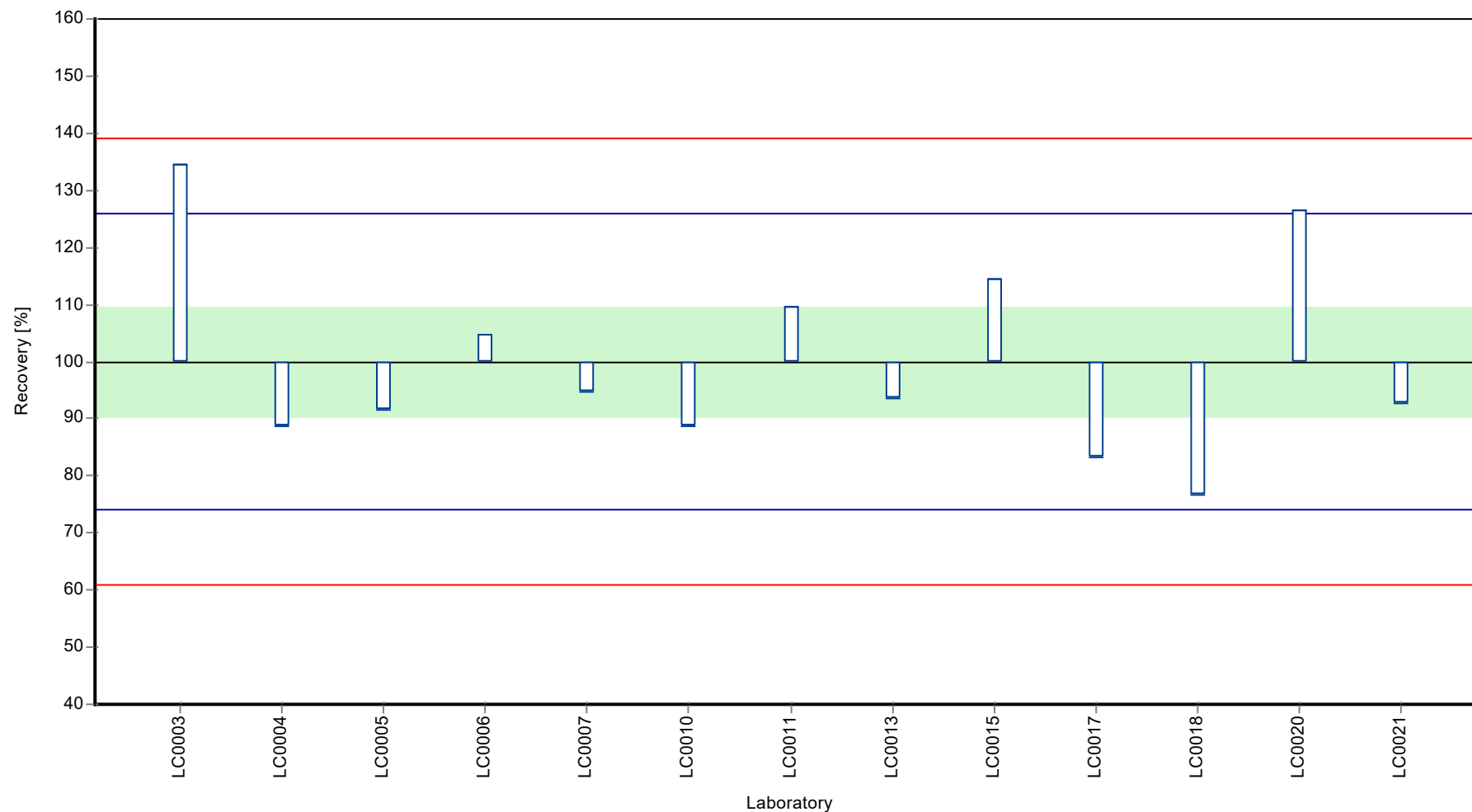
	all results	without outliers	Unit
Mean ± CI (99%)	0.1 ± 0.0143	0.1 ± 0.0143	µg/l
Minimum	0.077	0.077	µg/l
Maximum	0.135	0.135	µg/l
Standard deviation	0.0171	0.0171	µg/l
rel. standard deviation	17.1	17.1	%
n	13	13	-

Graphical presentation of results

Results

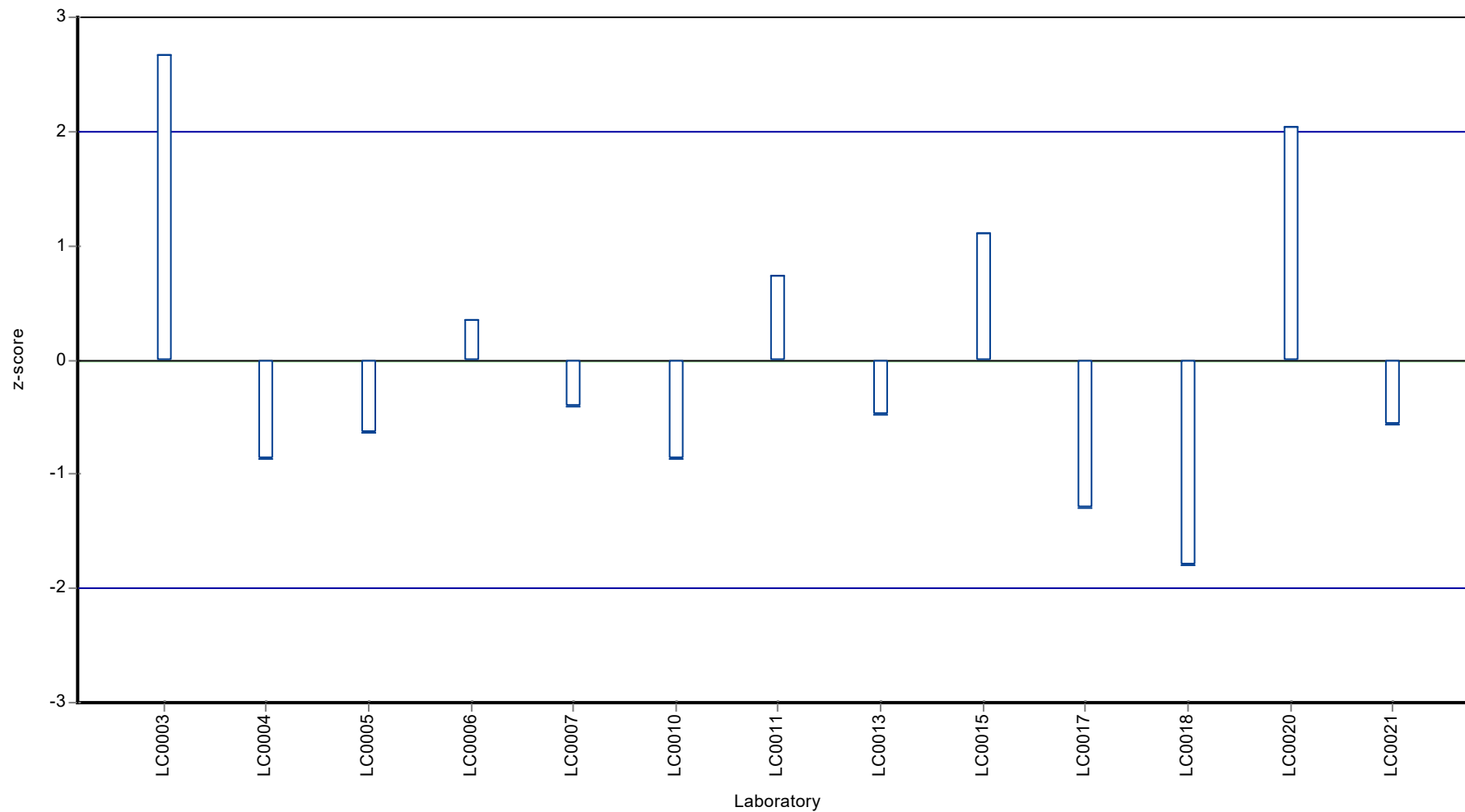


**Recovery rate**





Z-score



## Parameter oriented report

### H106 A

#### Clopyralid

Unit	µg/l
Assigned value ± U (k=2)	0.272 ± 0.0273
Criterion	0.0926 (34 %)
Minimum - Maximum	0.226 - 0.325
Control test value ± U (k=2)	0.284 ± 0.0426

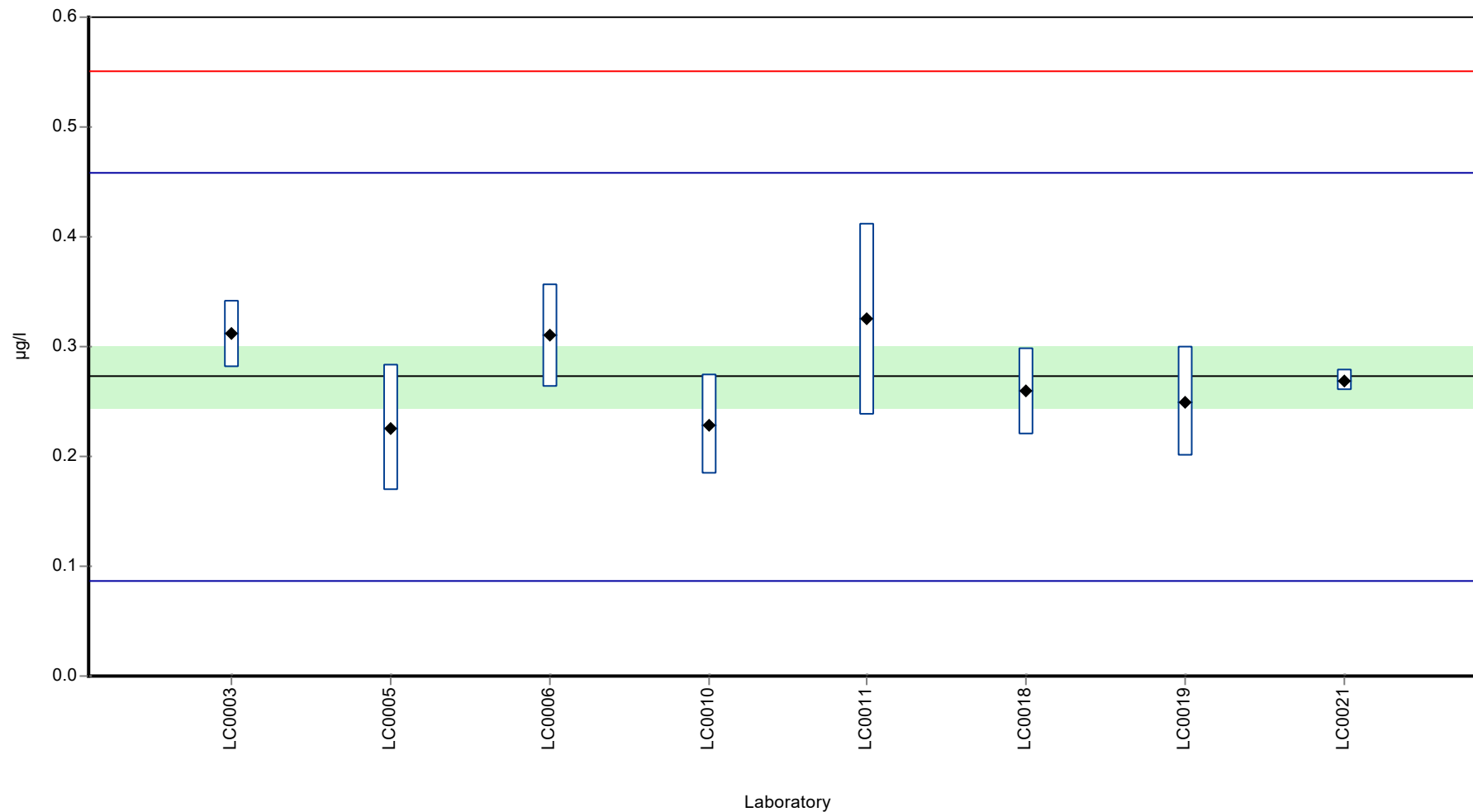
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.3112	0.0305	114	0.42	
LC0004	-	-	-	-	
LC0005	0.226	0.057	83	-0.5	
LC0006	0.31	0.047	114	0.41	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.229	0.046	84.1	-0.47	
LC0011	0.325	0.087	119	0.57	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.259	0.039	95.1	-0.14	
LC0019	0.25	0.05	91.8	-0.24	
LC0020	-	-	-	-	
LC0021	0.269	0.01	98.8	-0.04	

#### Characteristics of parameter

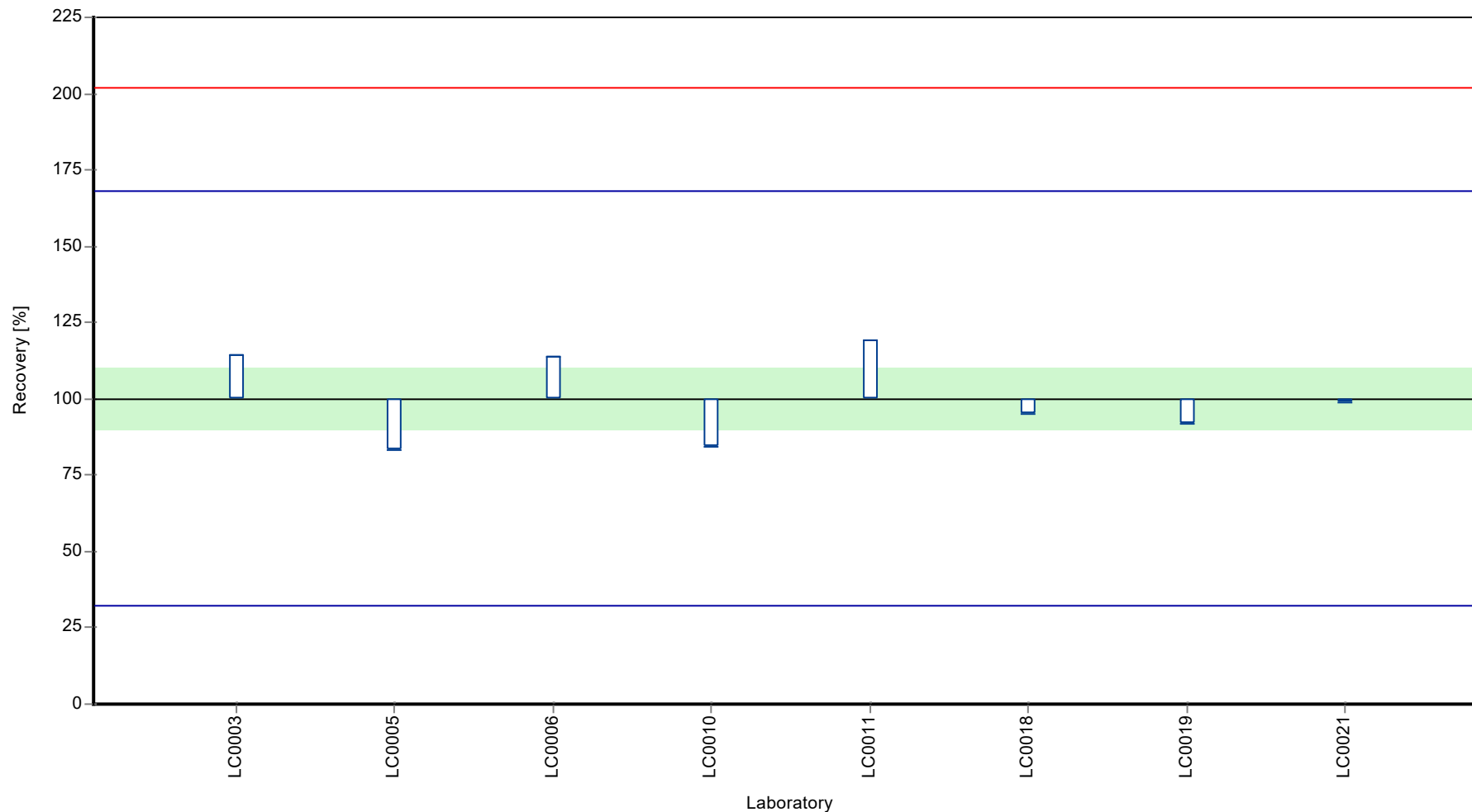
	all results	without outliers	Unit
Mean ± CI (99%)	0.272 ± 0.0409	0.272 ± 0.0409	µg/l
Minimum	0.226	0.226	µg/l
Maximum	0.325	0.325	µg/l
Standard deviation	0.0386	0.0386	µg/l
rel. standard deviation	14.2	14.2	%
n	8	8	-

Graphical presentation of results

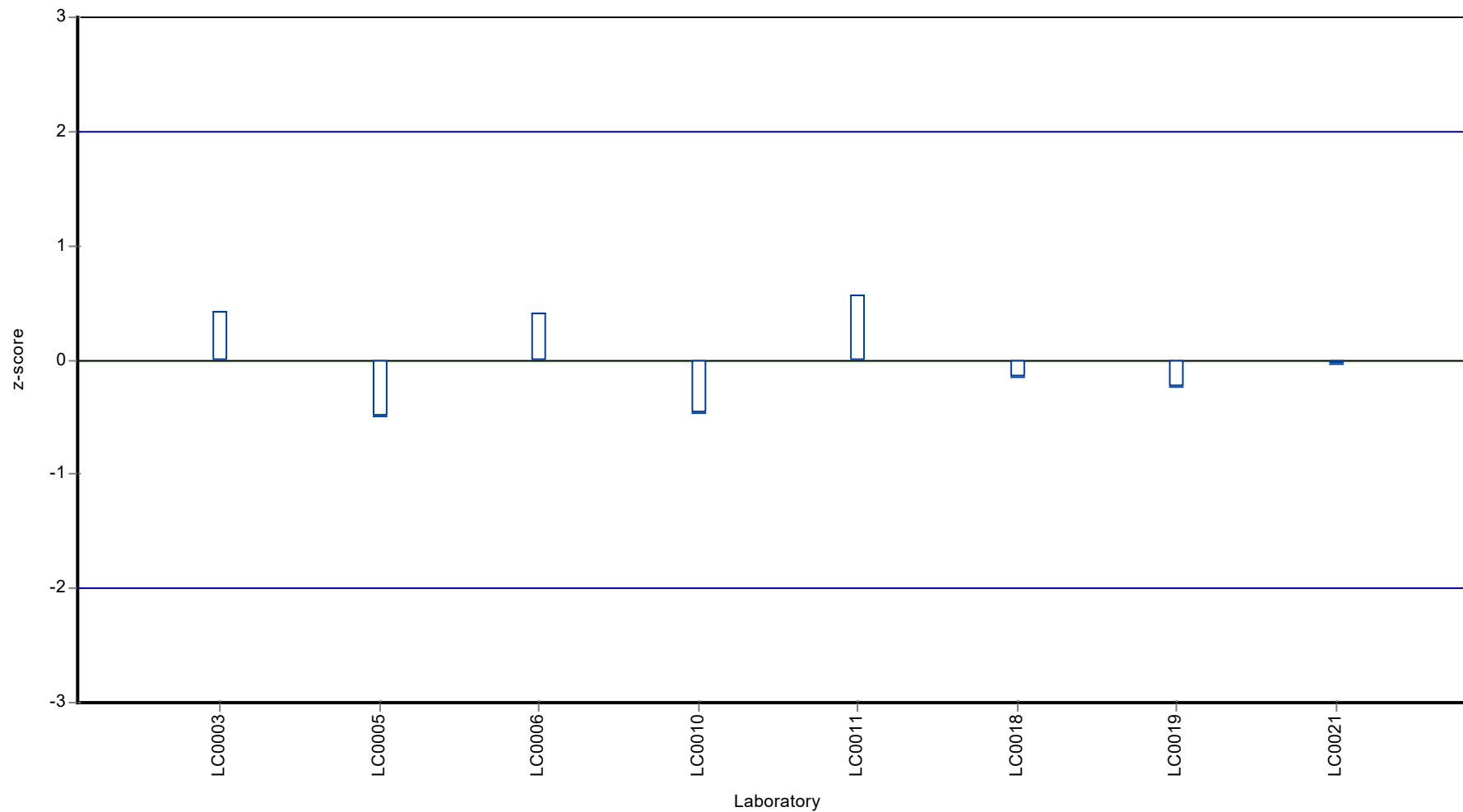
Results



**Recovery rate**



**Z-score**



## Parameter oriented report

### H106 B

#### Clopyralid

Unit	µg/l
Assigned value ± U (k=2)	0.421 ± 0.0297
Criterion	0.143 (34 %)
Minimum - Maximum	0.357 - 0.47
Control test value ± U (k=2)	0.472 ± 0.0707

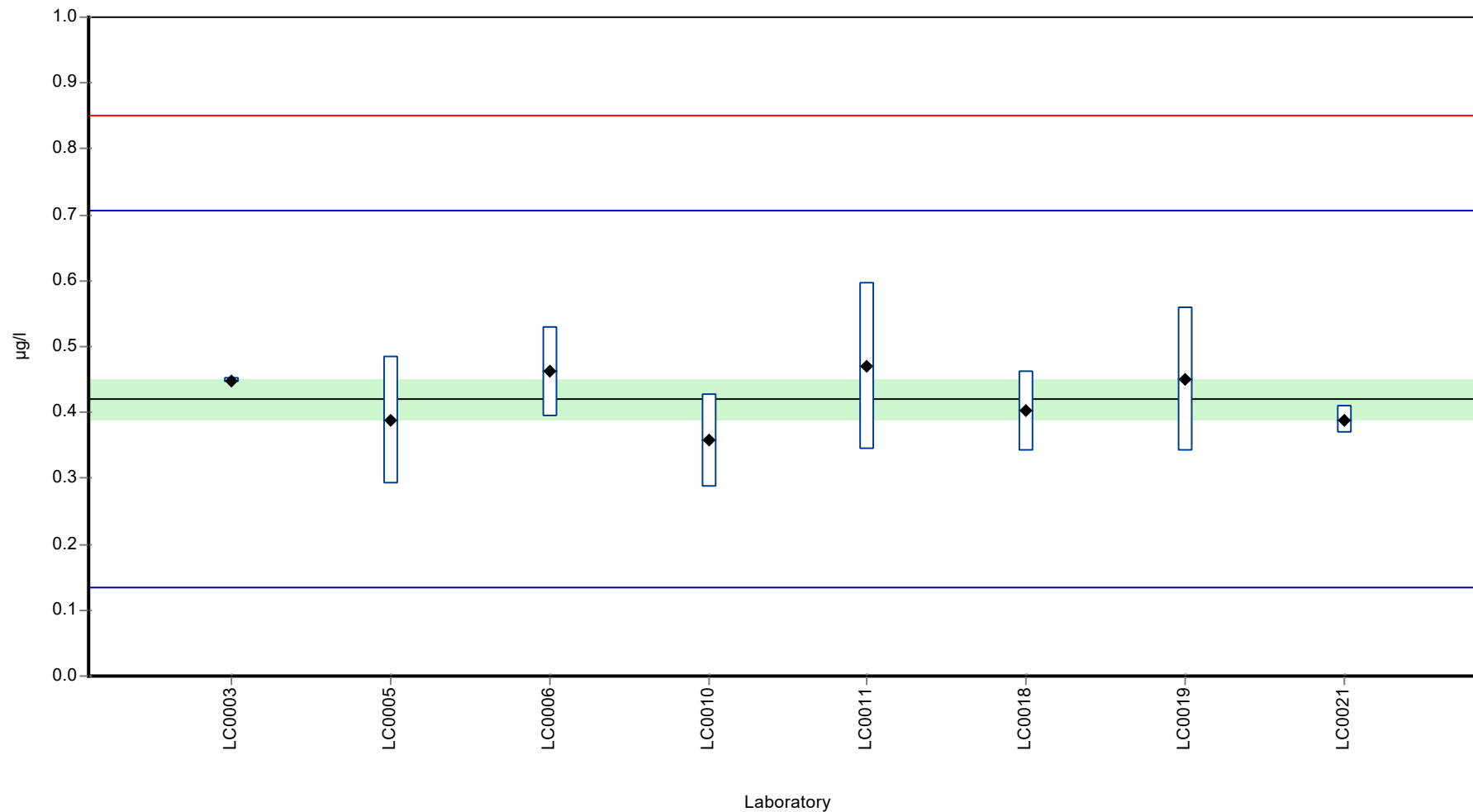
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.4484	0.0031	107	0.19	
LC0004	-	-	-	-	
LC0005	0.387	0.097	92	-0.23	
LC0006	0.462	0.069	110	0.29	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.357	0.071	84.9	-0.45	
LC0011	0.47	0.126	112	0.34	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.402	0.06	95.6	-0.13	
LC0019	0.45	0.11	107	0.2	
LC0020	-	-	-	-	
LC0021	0.389	0.022	92.5	-0.22	

#### Characteristics of parameter

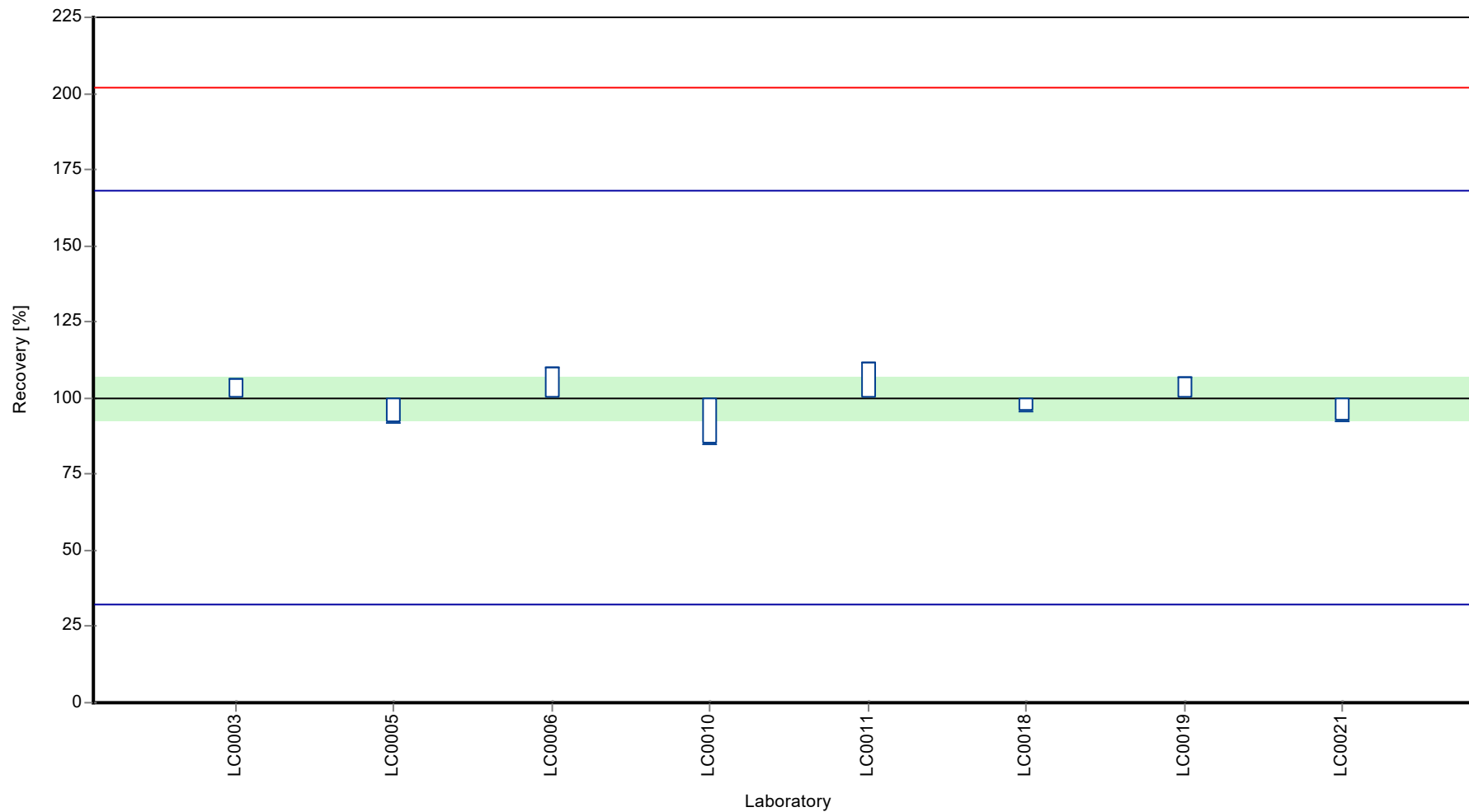
	all results	without outliers	Unit
Mean ± CI (99%)	0.421 ± 0.0445	0.421 ± 0.0445	µg/l
Minimum	0.357	0.357	µg/l
Maximum	0.47	0.47	µg/l
Standard deviation	0.0419	0.0419	µg/l
rel. standard deviation	9.97	9.97	%
n	8	8	-

Graphical presentation of results

Results

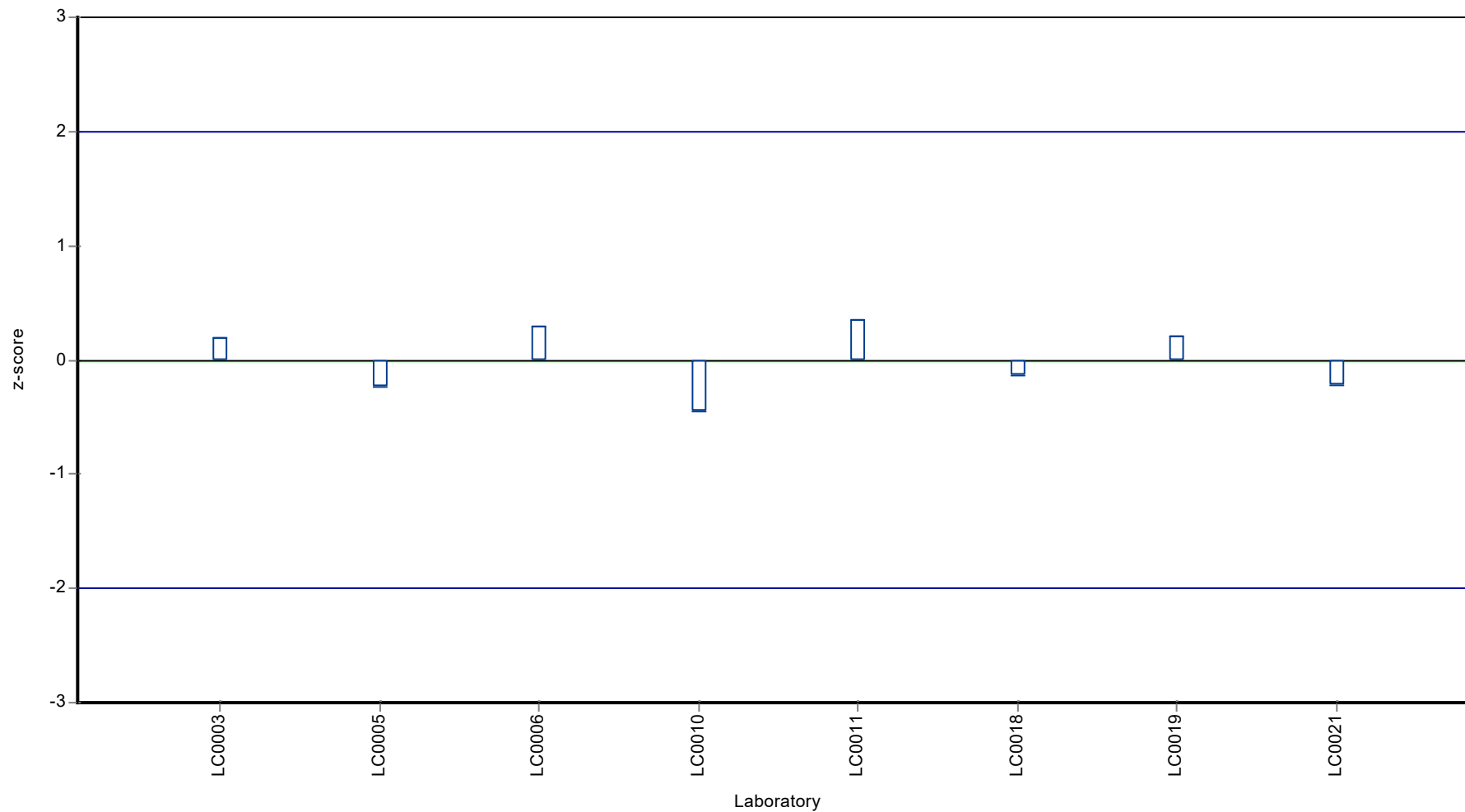


**Recovery rate**





Z-score



## Parameter oriented report

### H106 A

#### Cyanazine

Unit	µg/l
Assigned value ± U (k=2)	0.18 ± 0.0226
Criterion	0.0252 (14 %)
Minimum - Maximum	0.135 - 0.26
Control test value ± U (k=2)	0.15 ± 0.0225

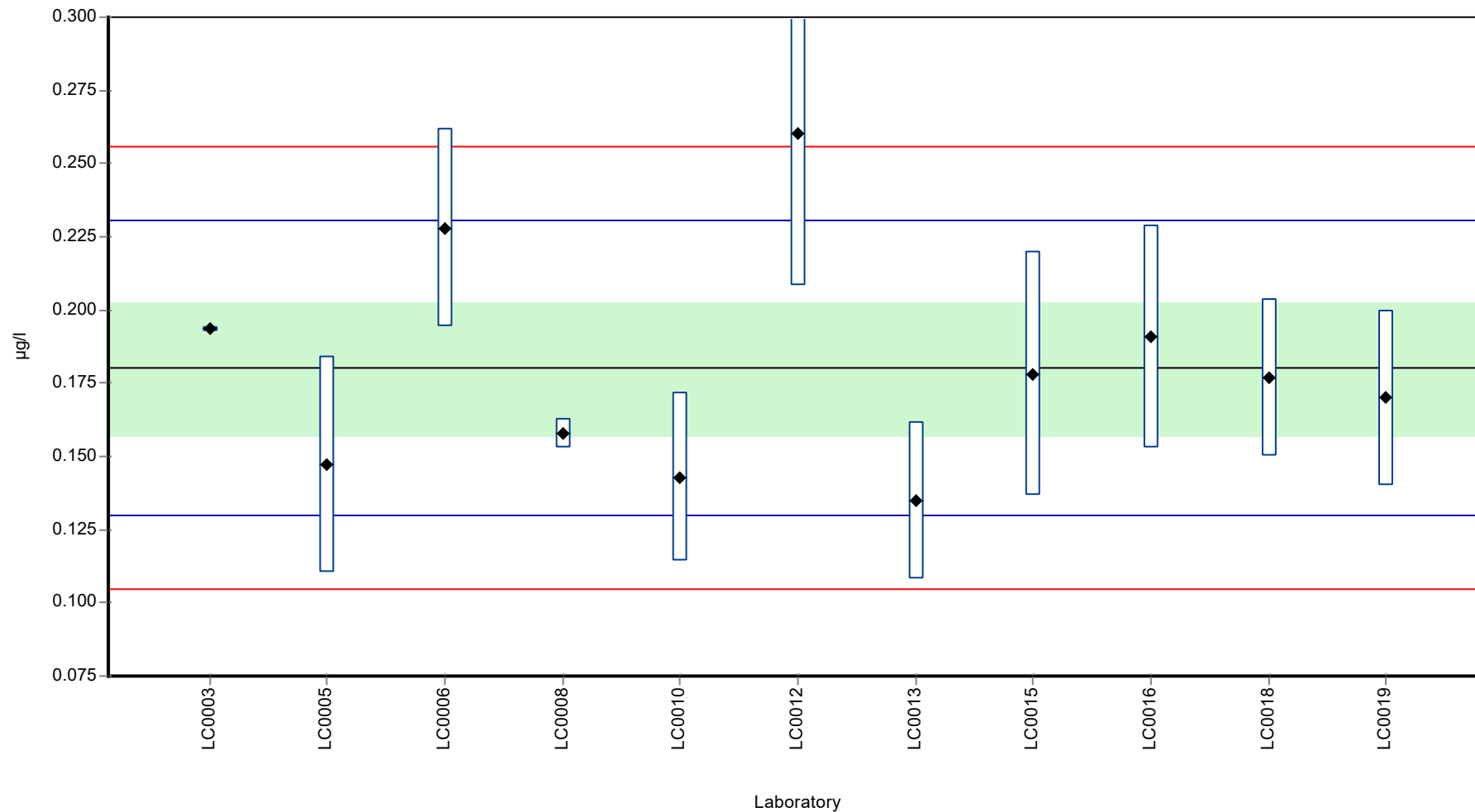
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.1936	0.0008	108	0.54	
LC0004	-	-	-	-	
LC0005	0.147	0.037	81.6	-1.31	
LC0006	0.228	0.034	127	1.9	
LC0007	-	-	-	-	
LC0008	0.158	0.005	87.7	-0.88	
LC0009	-	-	-	-	
LC0010	0.143	0.029	79.4	-1.47	
LC0011	-	-	-	-	
LC0012	0.26	0.052	144	3.17	
LC0013	0.135	0.027	75	-1.79	
LC0014	-	-	-	-	
LC0015	0.1781	0.0418	98.9	-0.08	
LC0016	0.191	0.038	106	0.43	
LC0017	-	-	-	-	
LC0018	0.177	0.027	98.3	-0.12	
LC0019	0.17	0.03	94.4	-0.4	
LC0020	-	-	-	-	
LC0021	-	-	-	-	

#### Characteristics of parameter

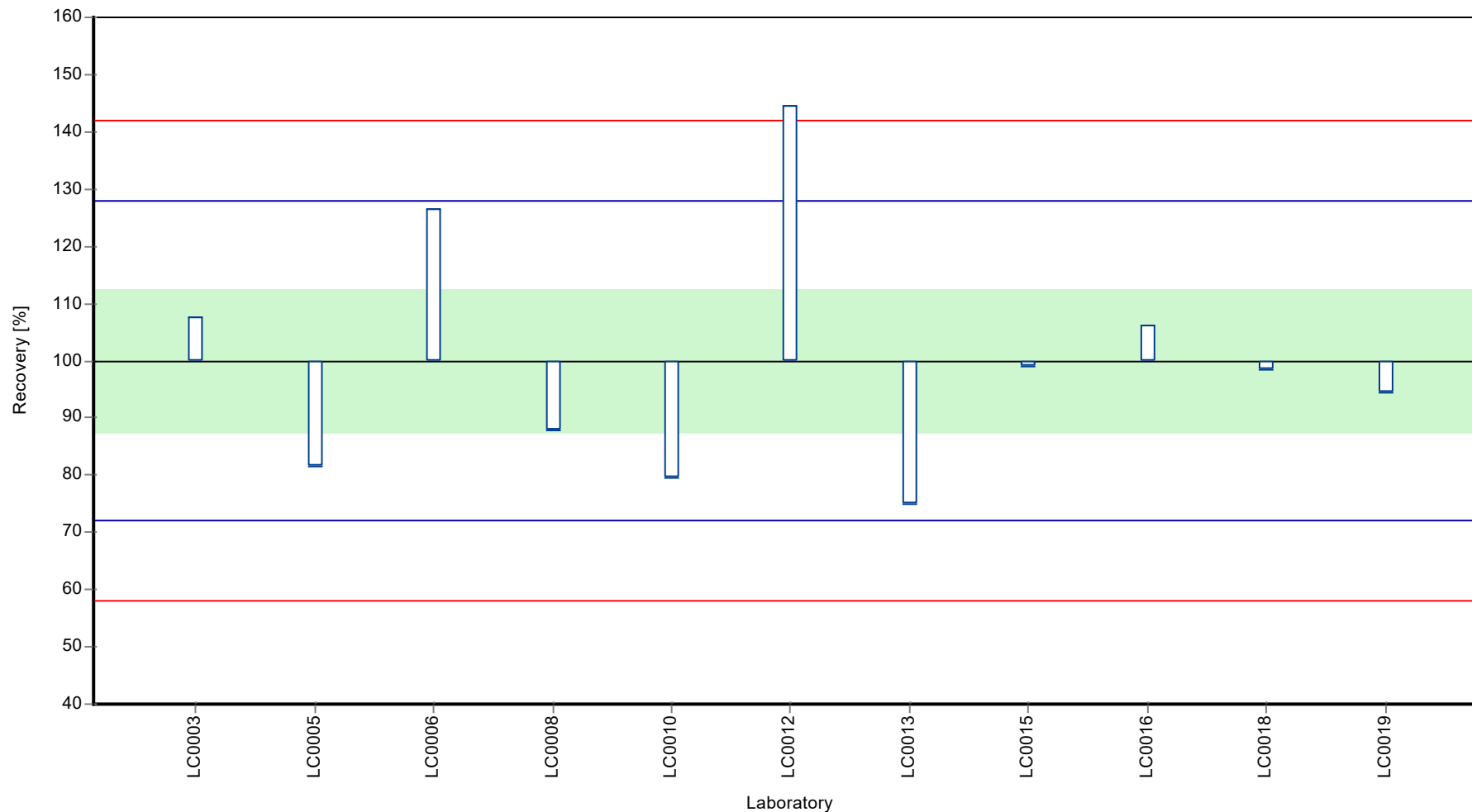
	all results	without outliers	Unit
Mean ± CI (99%)	0.18 ± 0.034	0.18 ± 0.034	µg/l
Minimum	0.135	0.135	µg/l
Maximum	0.26	0.26	µg/l
Standard deviation	0.0375	0.0375	µg/l
rel. standard deviation	20.8	20.8	%
n	11	11	-

Graphical presentation of results

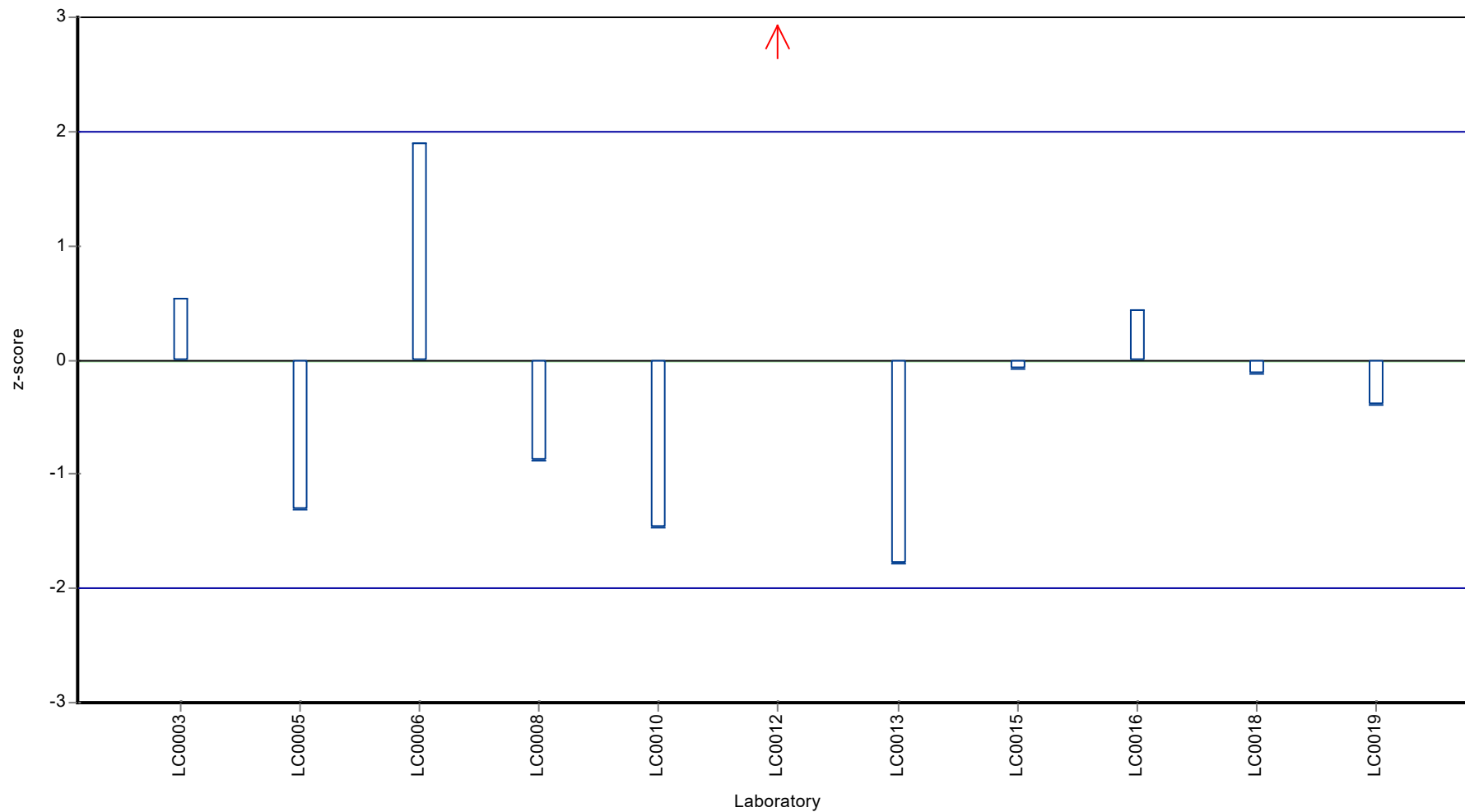
Results



Recovery rate



**Z-score**



## Parameter oriented report

### H106 B

#### Cyanazine

Unit	µg/l
Assigned value ± U (k=2)	0.394 ± 0.0382
Criterion	0.0552 (14 %)
Minimum - Maximum	0.32 - 0.475
Control test value ± U (k=2)	0.335 ± 0.0503

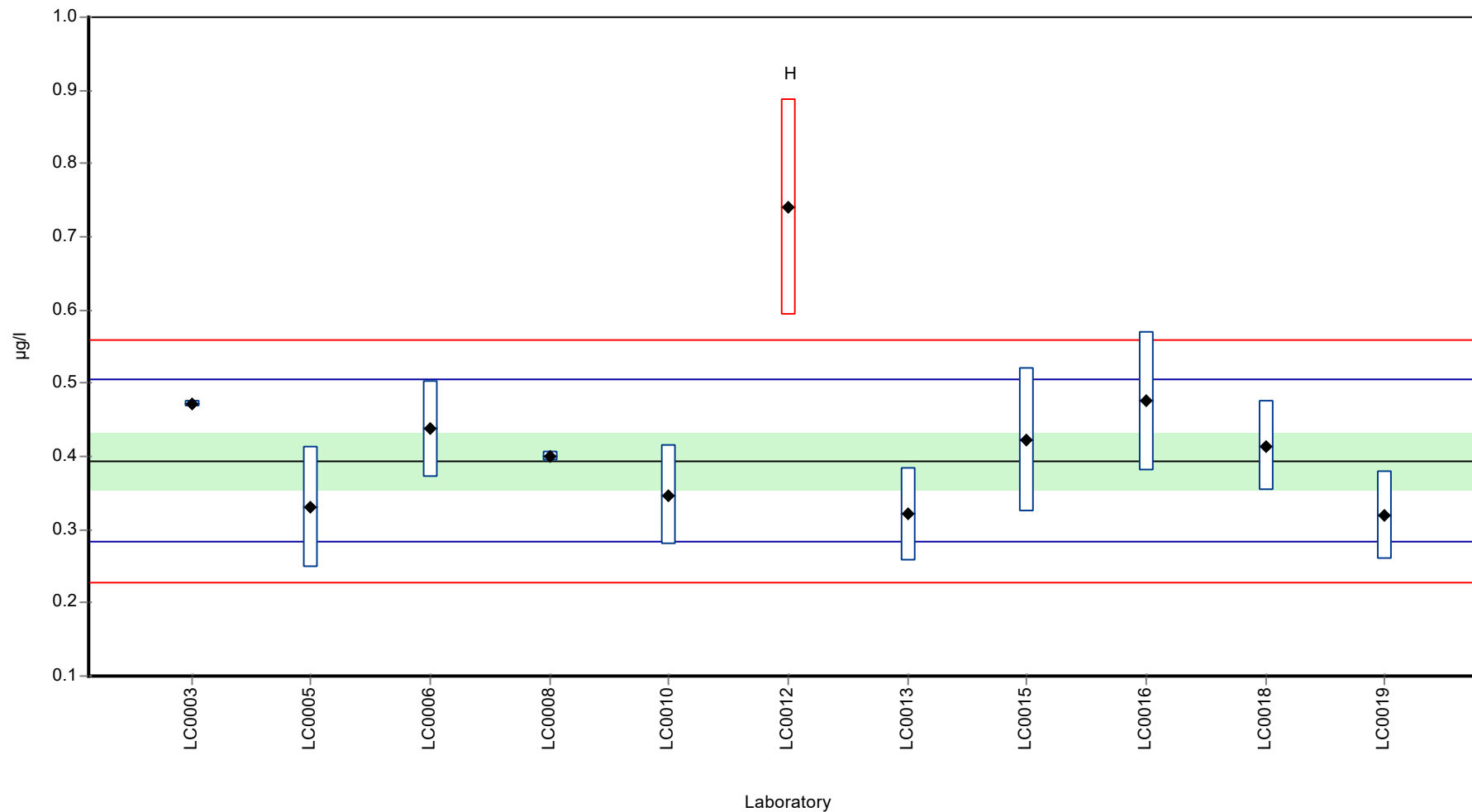
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.4719	0.0052	120	1.41	
LC0004	-	-	-	-	
LC0005	0.33	0.083	83.8	-1.16	
LC0006	0.438	0.066	111	0.8	
LC0007	-	-	-	-	
LC0008	0.4	0.006	102	0.11	
LC0009	-	-	-	-	
LC0010	0.347	0.069	88.1	-0.85	
LC0011	-	-	-	-	
LC0012	0.74	0.148	188	6.28	H
LC0013	0.321	0.064	81.5	-1.32	
LC0014	-	-	-	-	
LC0015	0.4223	0.0992	107	0.52	
LC0016	0.475	0.095	121	1.47	
LC0017	-	-	-	-	
LC0018	0.414	0.062	105	0.36	
LC0019	0.32	0.06	81.2	-1.34	
LC0020	-	-	-	-	
LC0021	-	-	-	-	

#### Characteristics of parameter

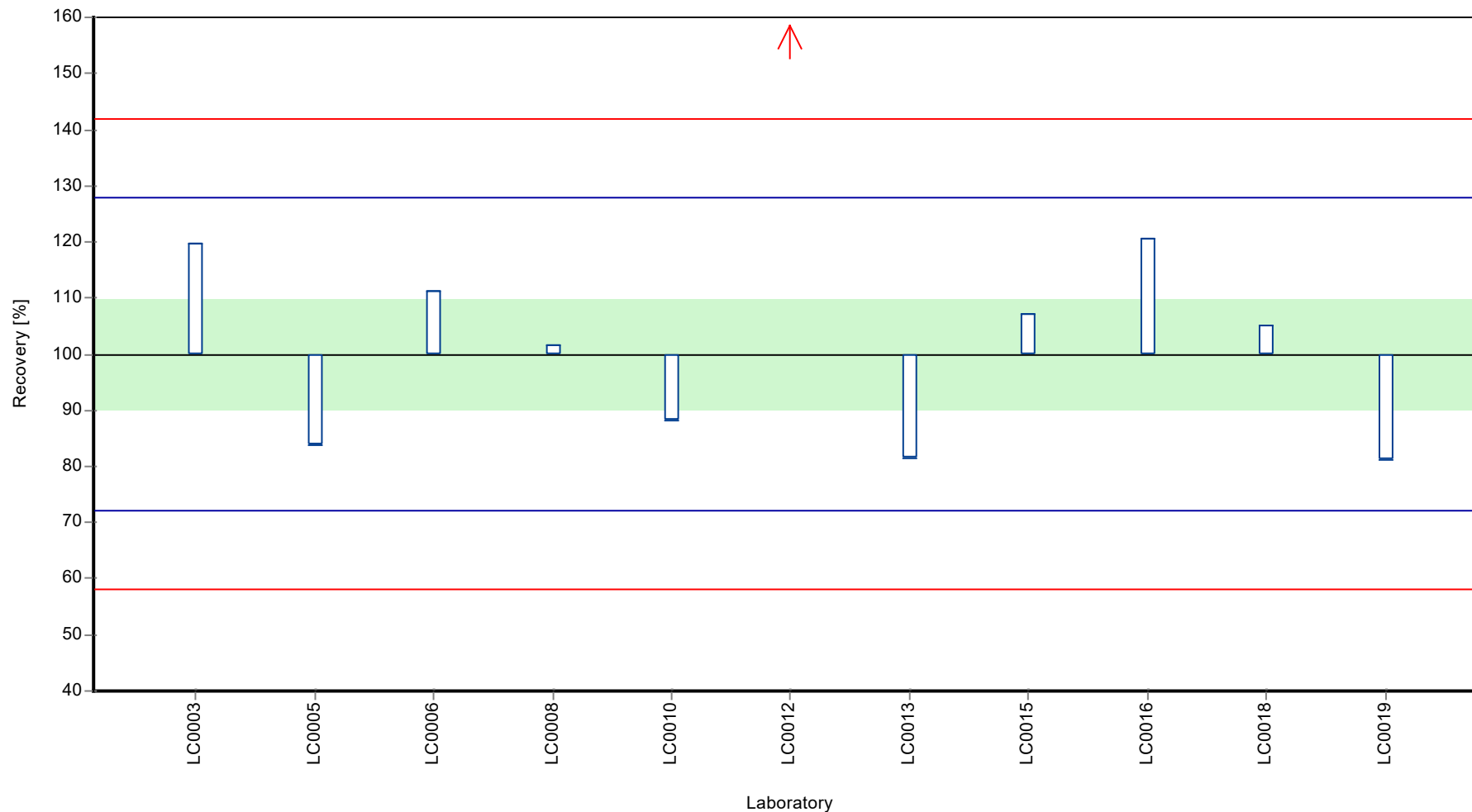
	all results	without outliers	Unit
Mean ± CI (99%)	0.425 ± 0.108	0.394 ± 0.0574	µg/l
Minimum	0.32	0.32	µg/l
Maximum	0.74	0.475	µg/l
Standard deviation	0.119	0.0605	µg/l
rel. standard deviation	28	15.4 %	
n	11	10	-

Graphical presentation of results

Results

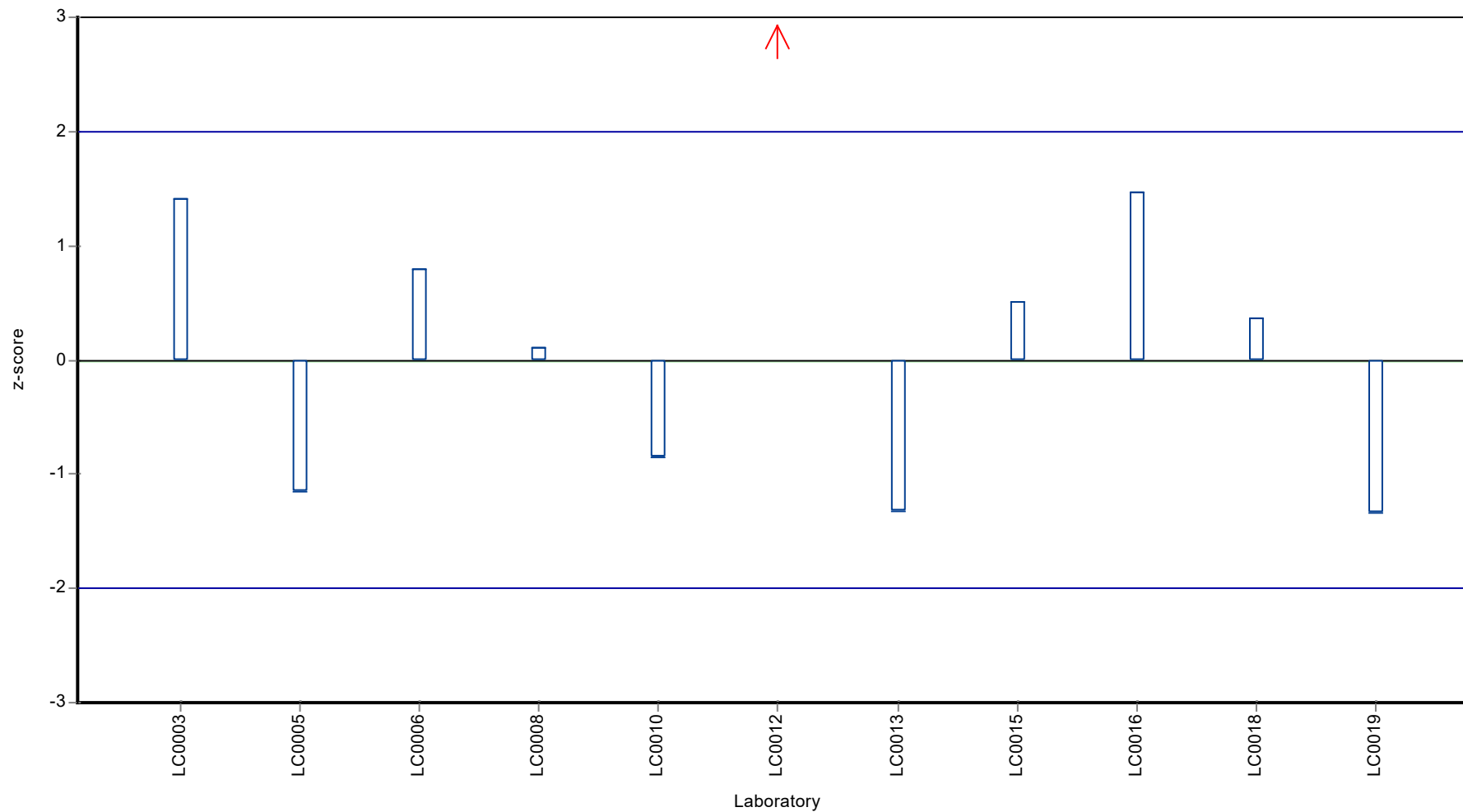


Recovery rate





Z-score



## Parameter oriented report

### H106 A

#### Dimethenamide

Unit	µg/l
Assigned value ± U (k=2)	0.898 ± 0.106
Criterion	0.0889 (9.9 %)
Minimum - Maximum	0.542 - 1.21
Control test value ± U (k=2)	0.823 ± 0.123

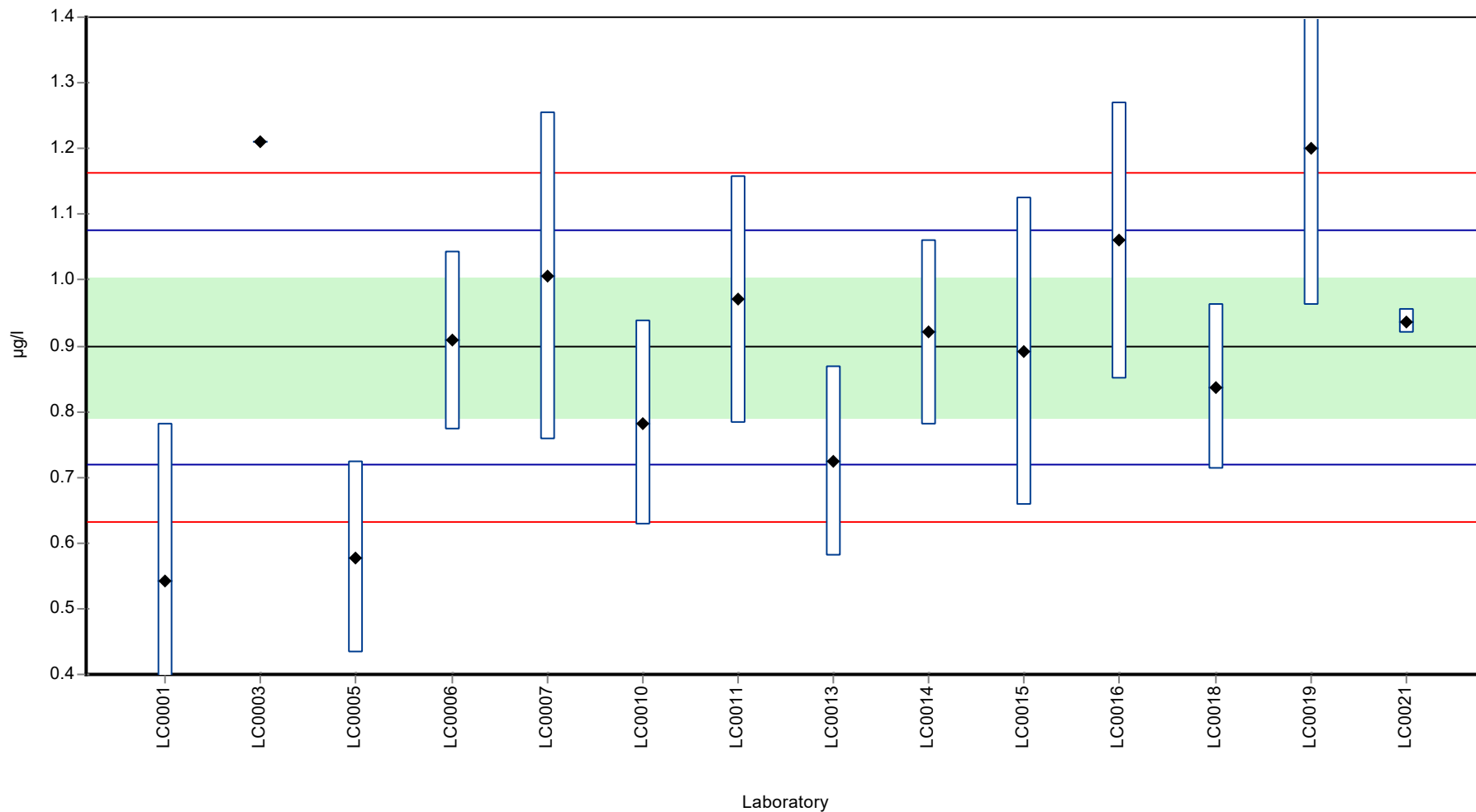
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.542	0.239	60.4	-4	
LC0002	-	-	-	-	
LC0003	1.2115	0.0016	135	3.53	
LC0004	-	-	-	-	
LC0005	0.578	0.145	64.4	-3.6	
LC0006	0.908	0.136	101	0.12	
LC0007	1.0065	0.25	112	1.22	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.782	0.156	87.1	-1.3	
LC0011	0.97	0.189	108	0.81	
LC0012	-	-	-	-	
LC0013	0.725	0.145	80.8	-1.94	
LC0014	0.92	0.14	102	0.25	
LC0015	0.8904	0.2344	99.2	-0.08	
LC0016	1.06	0.21	118	1.83	
LC0017	-	-	-	-	
LC0018	0.837	0.126	93.2	-0.68	
LC0019	1.2	0.24	134	3.4	
LC0020	-	-	-	-	
LC0021	0.937	0.018	104	0.44	

#### Characteristics of parameter

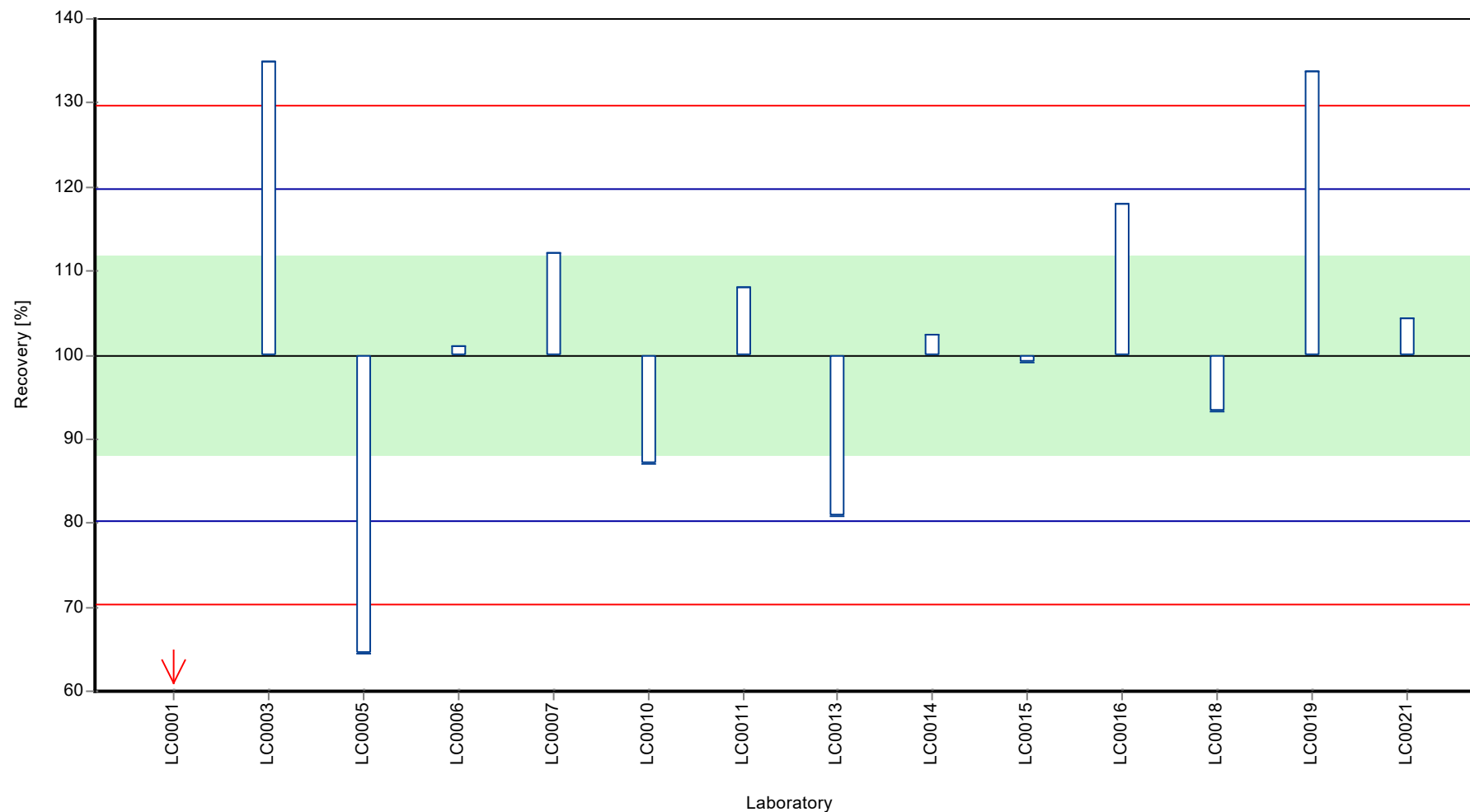
	all results	without outliers	Unit
Mean ± CI (99%)	0.898 ± 0.159	0.898 ± 0.159	µg/l
Minimum	0.542	0.542	µg/l
Maximum	1.21	1.21	µg/l
Standard deviation	0.198	0.198	µg/l
rel. standard deviation	22.1	22.1	%
n	14	14	-

Graphical presentation of results

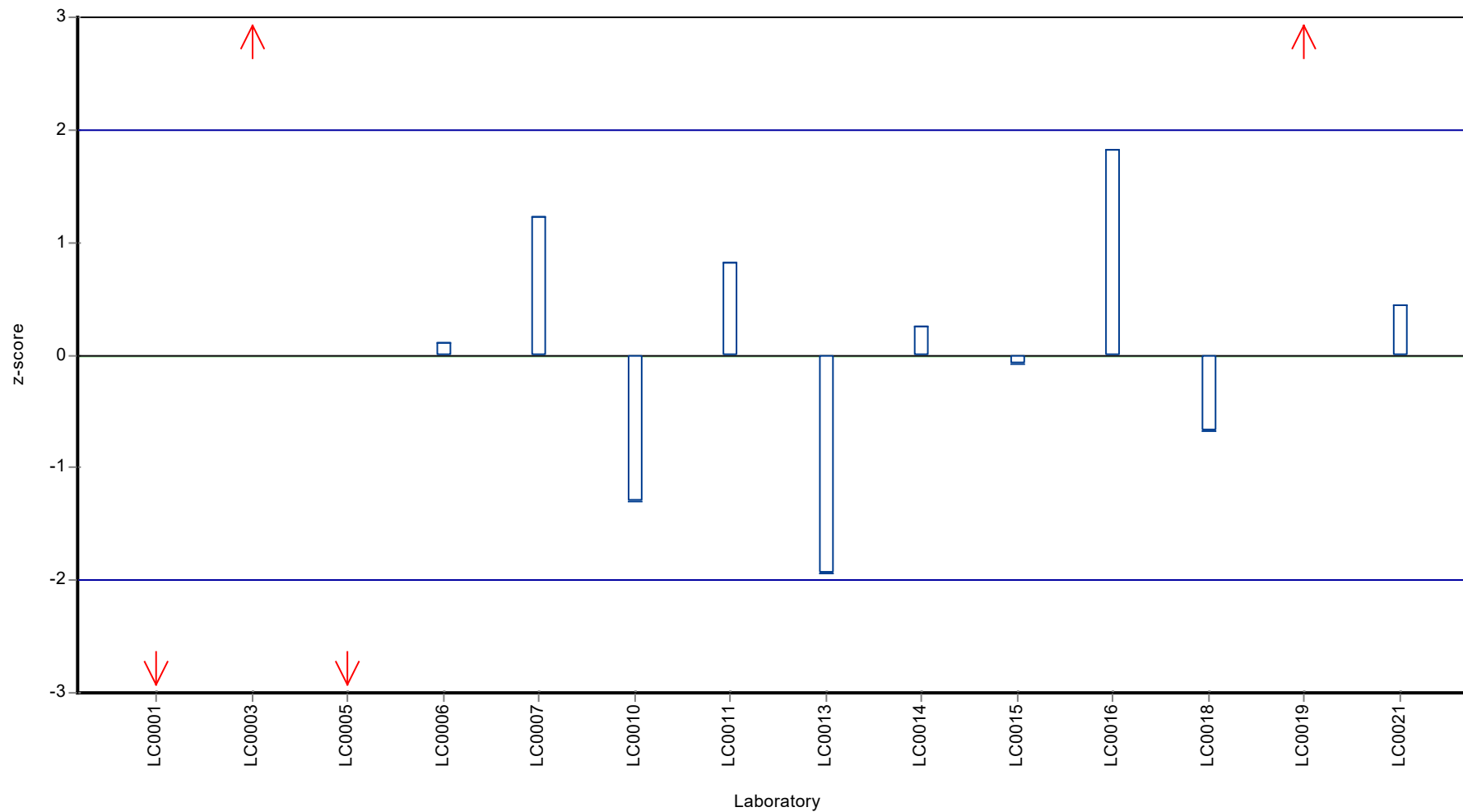
Results



Recovery rate



Z-score



## Parameter oriented report

### H106 B

#### Dimethenamide

Unit	µg/l
Assigned value ± U (k=2)	0.44 ± 0.037
Criterion	0.0435 (9.9 %)
Minimum - Maximum	0.352 - 0.596
Control test value ± U (k=2)	0.374 ± 0.056

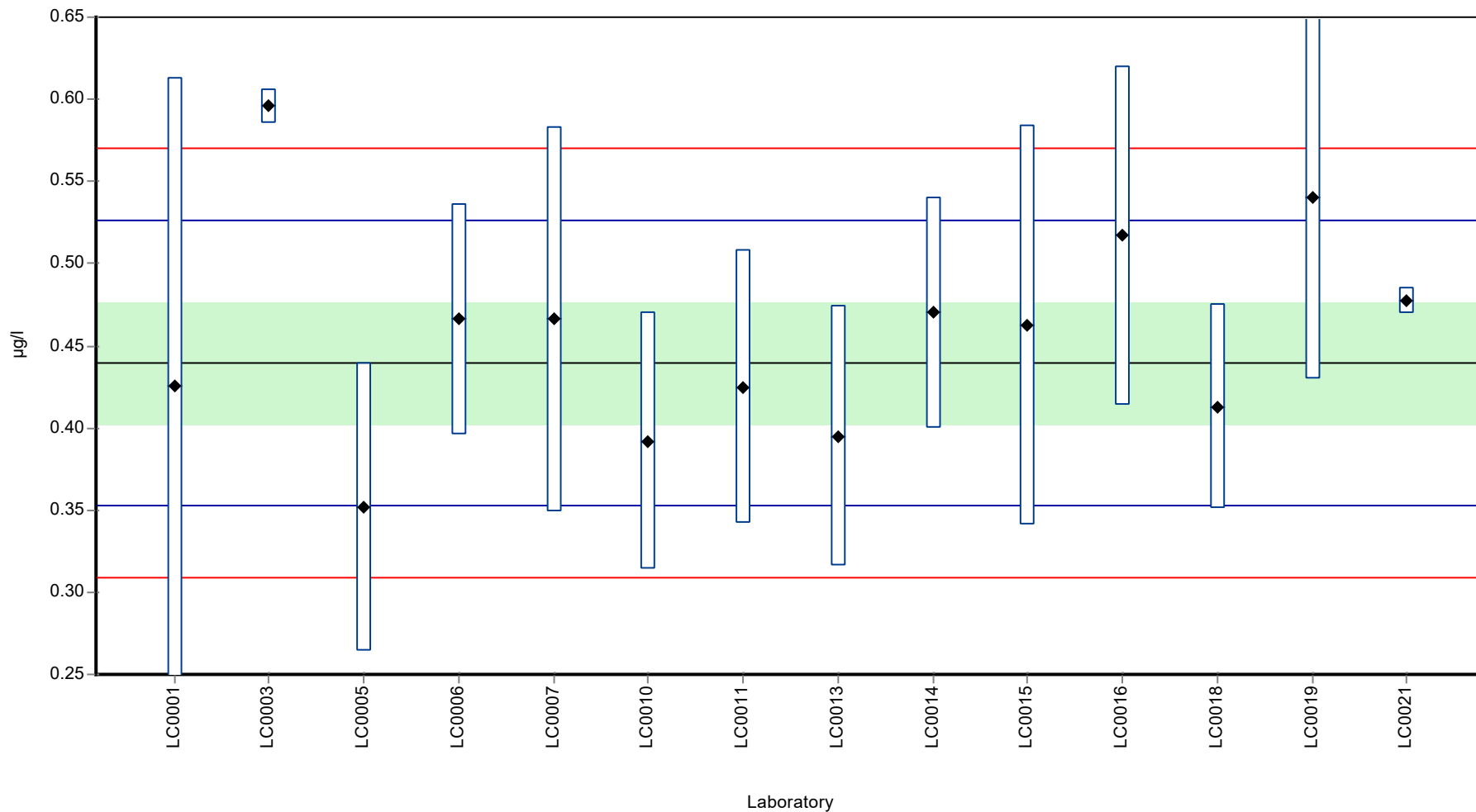
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.426	0.187	96.9	-0.31	
LC0002	-	-	-	-	
LC0003	0.5959	0.0106	136	3.59	
LC0004	-	-	-	-	
LC0005	0.352	0.088	80.1	-2.01	
LC0006	0.466	0.07	106	0.61	
LC0007	0.466	0.117	106	0.61	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.392	0.078	89.2	-1.09	
LC0011	0.425	0.083	96.7	-0.34	
LC0012	-	-	-	-	
LC0013	0.395	0.079	89.9	-1.02	
LC0014	0.47	0.07	107	0.7	
LC0015	0.4628	0.1218	105	0.53	
LC0016	0.517	0.103	118	1.78	
LC0017	-	-	-	-	
LC0018	0.413	0.062	93.9	-0.61	
LC0019	0.54	0.11	123	2.31	
LC0020	-	-	-	-	
LC0021	0.477	0.008	109	0.86	

#### Characteristics of parameter

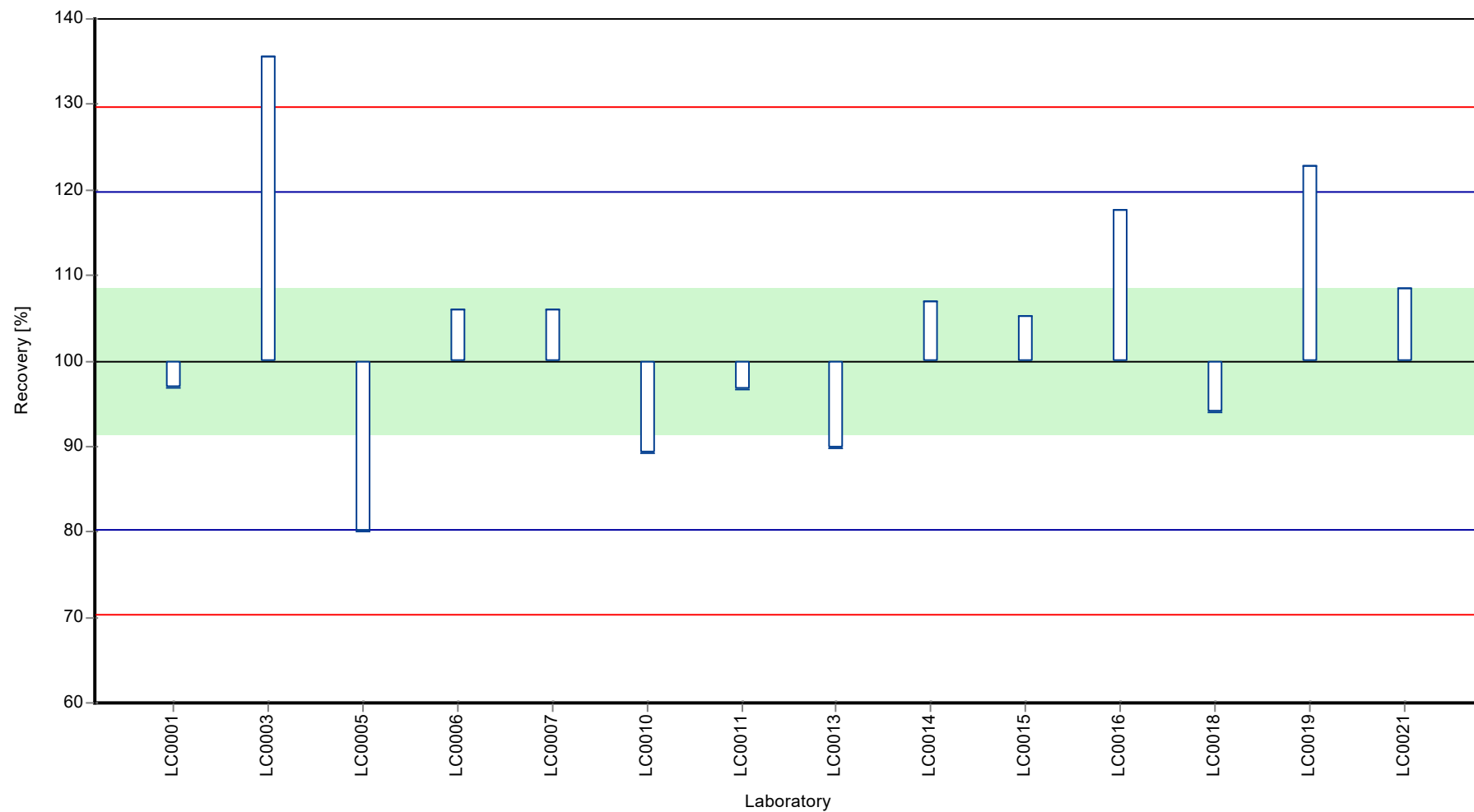
	all results	without outliers	Unit
Mean ± CI (99%)	0.457 ± 0.0515	0.457 ± 0.0515	µg/l
Minimum	0.352	0.352	µg/l
Maximum	0.596	0.596	µg/l
Standard deviation	0.0642	0.0642	µg/l
rel. standard deviation	14	14	%
n	14	14	-

Graphical presentation of results

Results

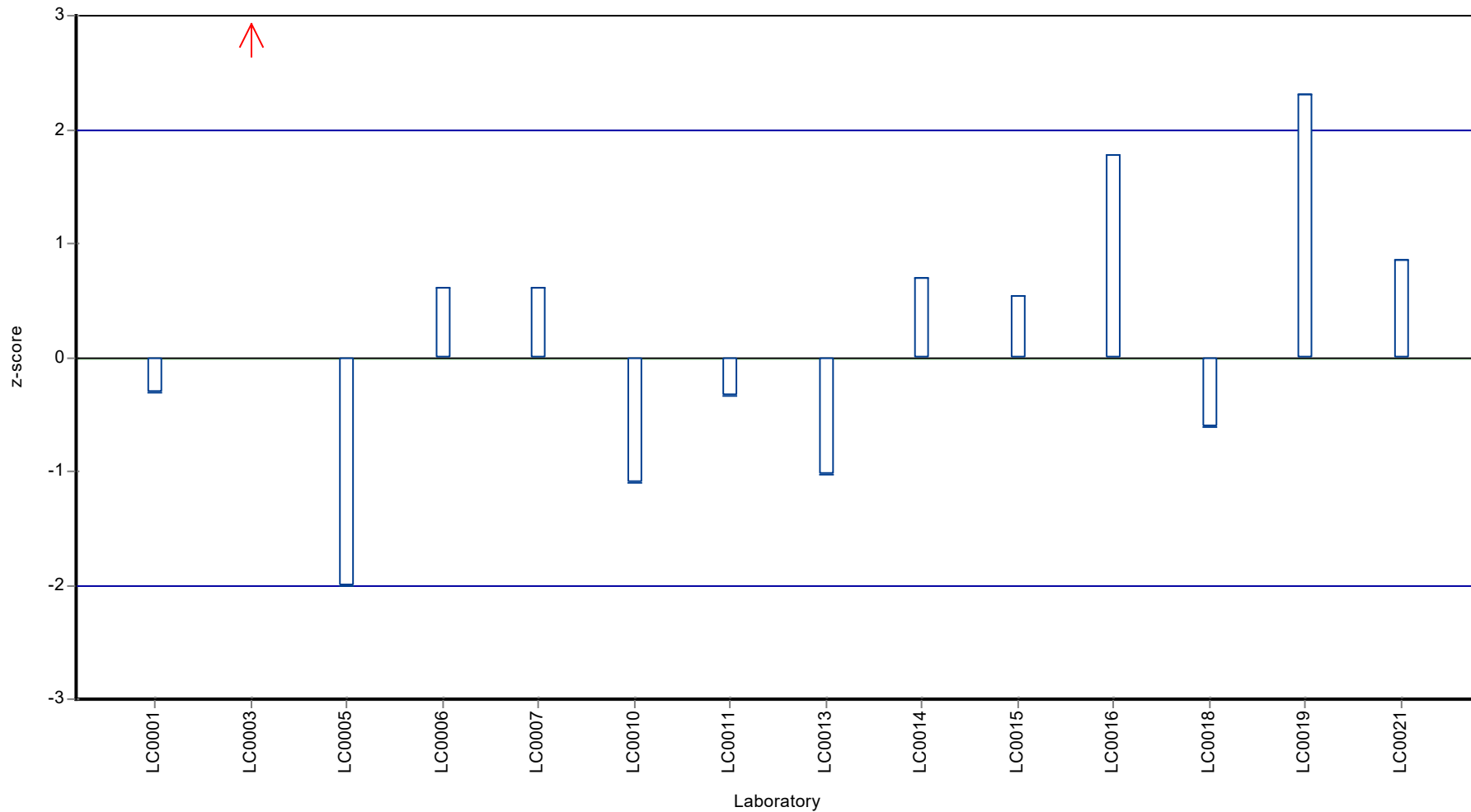


Recovery rate





Z-score



## Parameter oriented report

### H106 A

#### Diuron

Unit	µg/l
Assigned value ± U (k=2)	0.444 ± 0.0257
Criterion	0.0577 (13 %)
Minimum - Maximum	0.358 - 0.57
Control test value ± U (k=2)	0.407 ± 0.061

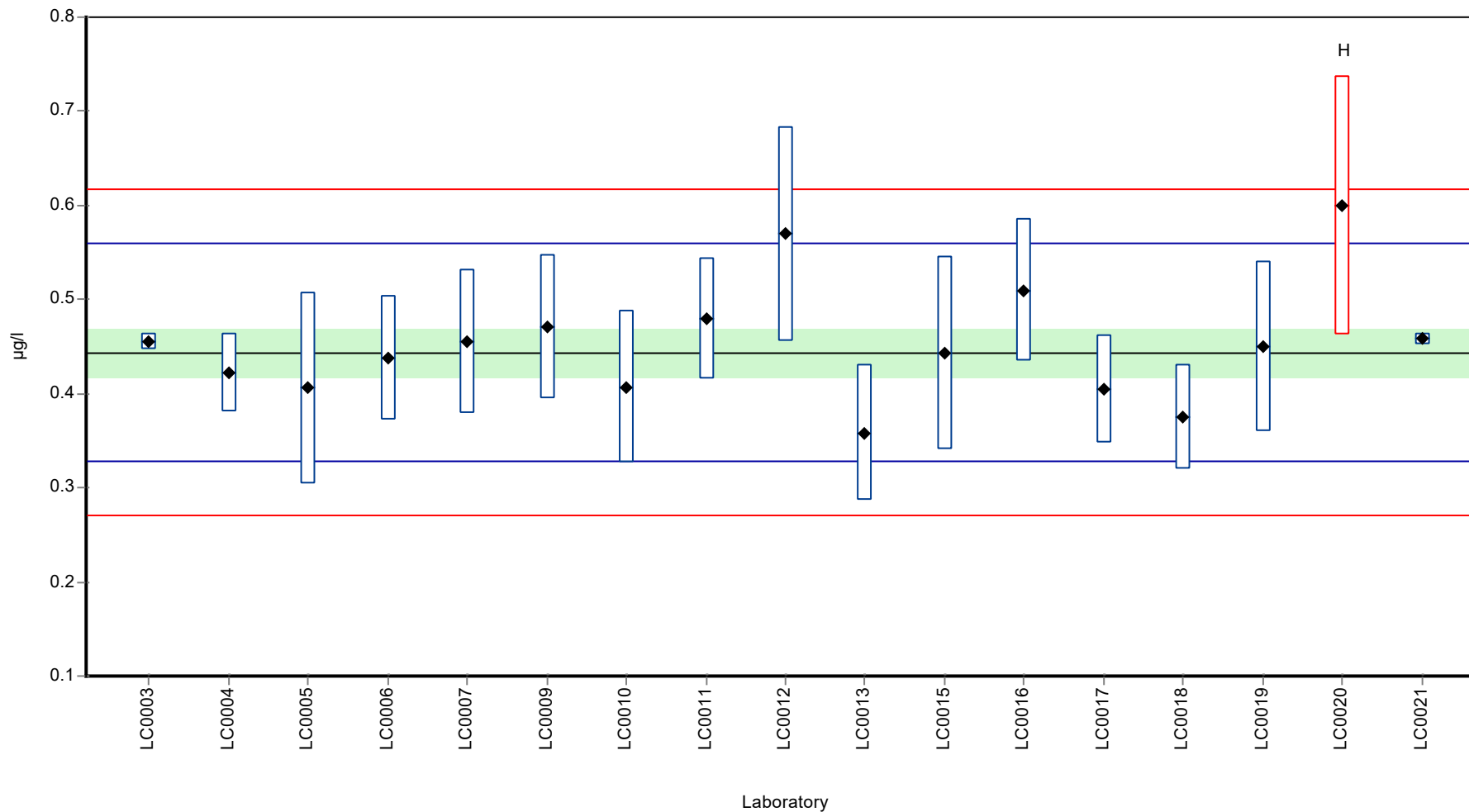
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.4547	0.0084	102	0.19	
LC0004	0.422	0.042	95.1	-0.38	
LC0005	0.406	0.102	91.5	-0.66	
LC0006	0.438	0.066	98.7	-0.1	
LC0007	0.455	0.077	102	0.19	
LC0008	-	-	-	-	
LC0009	0.471	0.076	106	0.47	
LC0010	0.407	0.081	91.7	-0.64	
LC0011	0.48	0.064	108	0.63	
LC0012	0.57	0.114	128	2.18	
LC0013	0.358	0.072	80.6	-1.49	
LC0014	-	-	-	-	
LC0015	0.4428	0.1022	99.8	-0.02	
LC0016	0.51	0.076	115	1.15	
LC0017	0.405	0.057	91.2	-0.67	
LC0018	0.375	0.056	84.5	-1.19	
LC0019	0.45	0.09	101	0.11	
LC0020	0.6	0.138	135	2.7	H
LC0021	0.458	0.006	103	0.24	

#### Characteristics of parameter

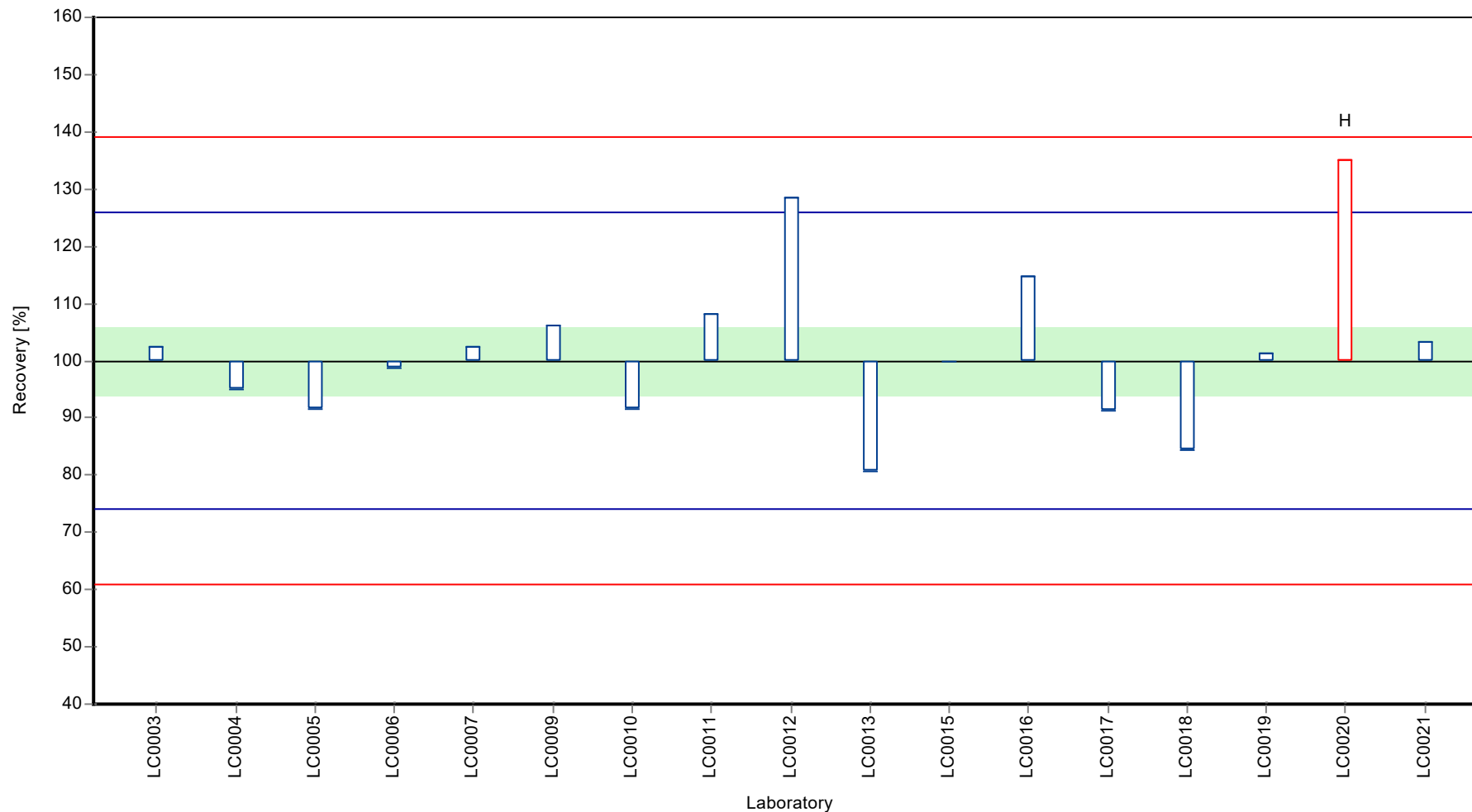
	all results	without outliers	Unit
Mean ± CI (99%)	0.453 ± 0.0455	0.444 ± 0.0386	µg/l
Minimum	0.358	0.358	µg/l
Maximum	0.6	0.57	µg/l
Standard deviation	0.0626	0.0515	µg/l
rel. standard deviation	13.8	11.6	%
n	17	16	-

Graphical presentation of results

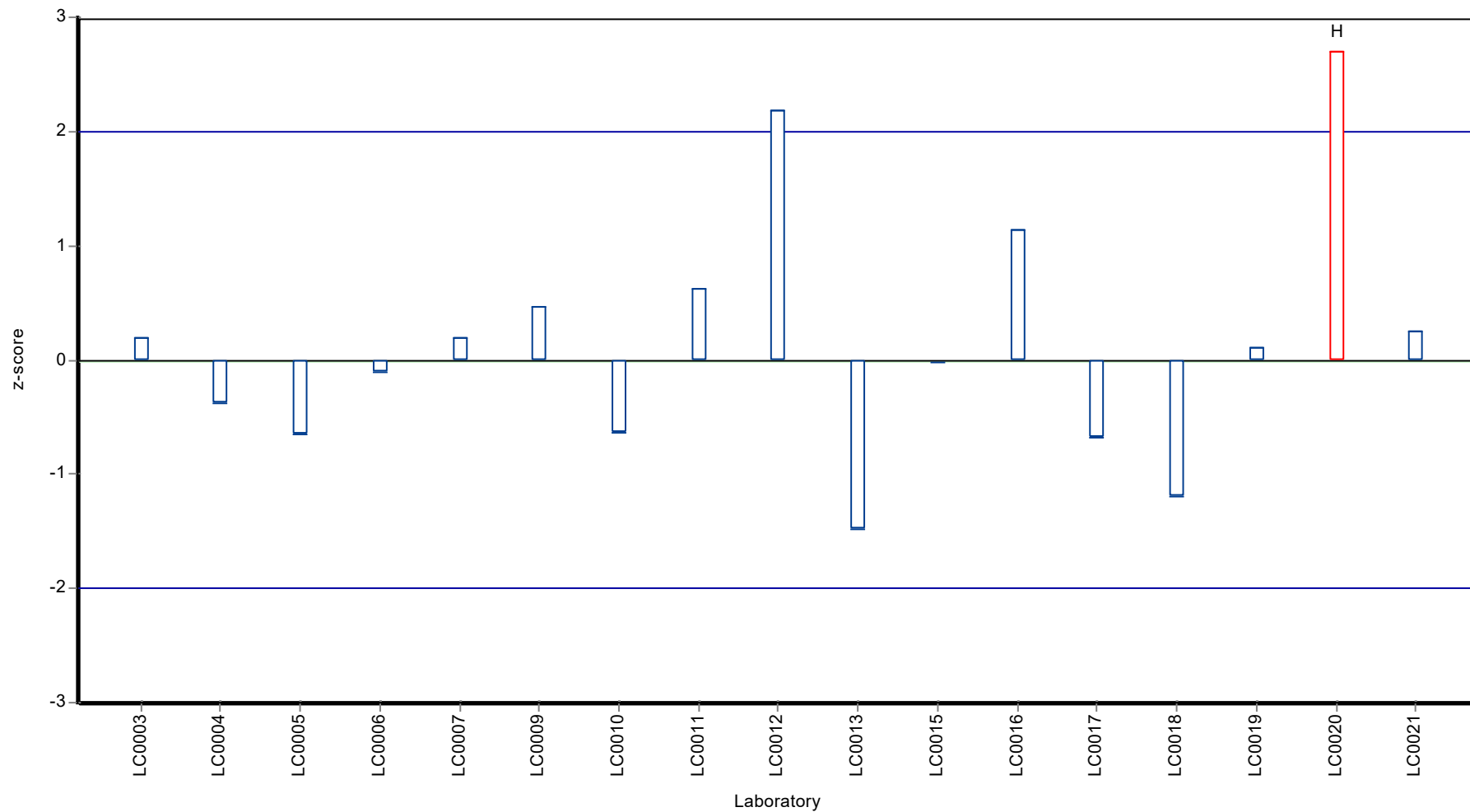
Results



Recovery rate



**Z-score**



## Parameter oriented report

### H106 B

#### Diuron

Unit	µg/l
Assigned value ± U (k=2)	0.441 ± 0.0205
Criterion	0.0574 (13 %)
Minimum - Maximum	0.381 - 0.524
Control test value ± U (k=2)	0.394 ± 0.0591

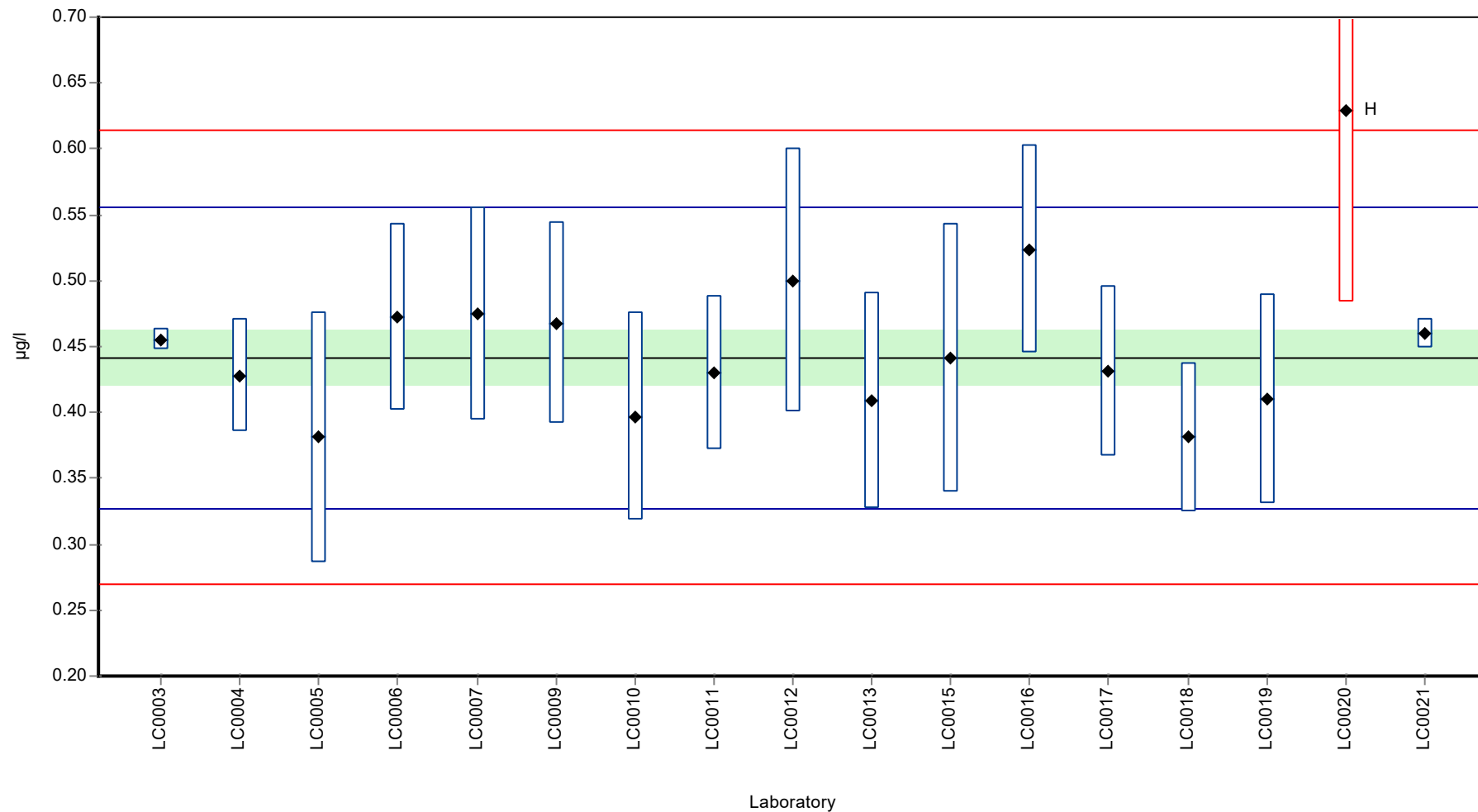
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.4555	0.0076	103	0.24	
LC0004	0.428	0.043	96.9	-0.23	
LC0005	0.381	0.095	86.3	-1.05	
LC0006	0.472	0.071	107	0.53	
LC0007	0.475	0.081	108	0.58	
LC0008	-	-	-	-	
LC0009	0.468	0.076	106	0.46	
LC0010	0.397	0.079	89.9	-0.78	
LC0011	0.43	0.058	97.4	-0.2	
LC0012	0.5	0.1	113	1.02	
LC0013	0.409	0.082	92.6	-0.57	
LC0014	-	-	-	-	
LC0015	0.4419	0.102	100	0.01	
LC0016	0.524	0.079	119	1.44	
LC0017	0.4311	0.065	97.7	-0.18	
LC0018	0.381	0.057	86.3	-1.05	
LC0019	0.41	0.08	92.9	-0.55	
LC0020	0.629	0.145	142	3.27	H
LC0021	0.46	0.011	104	0.32	

#### Characteristics of parameter

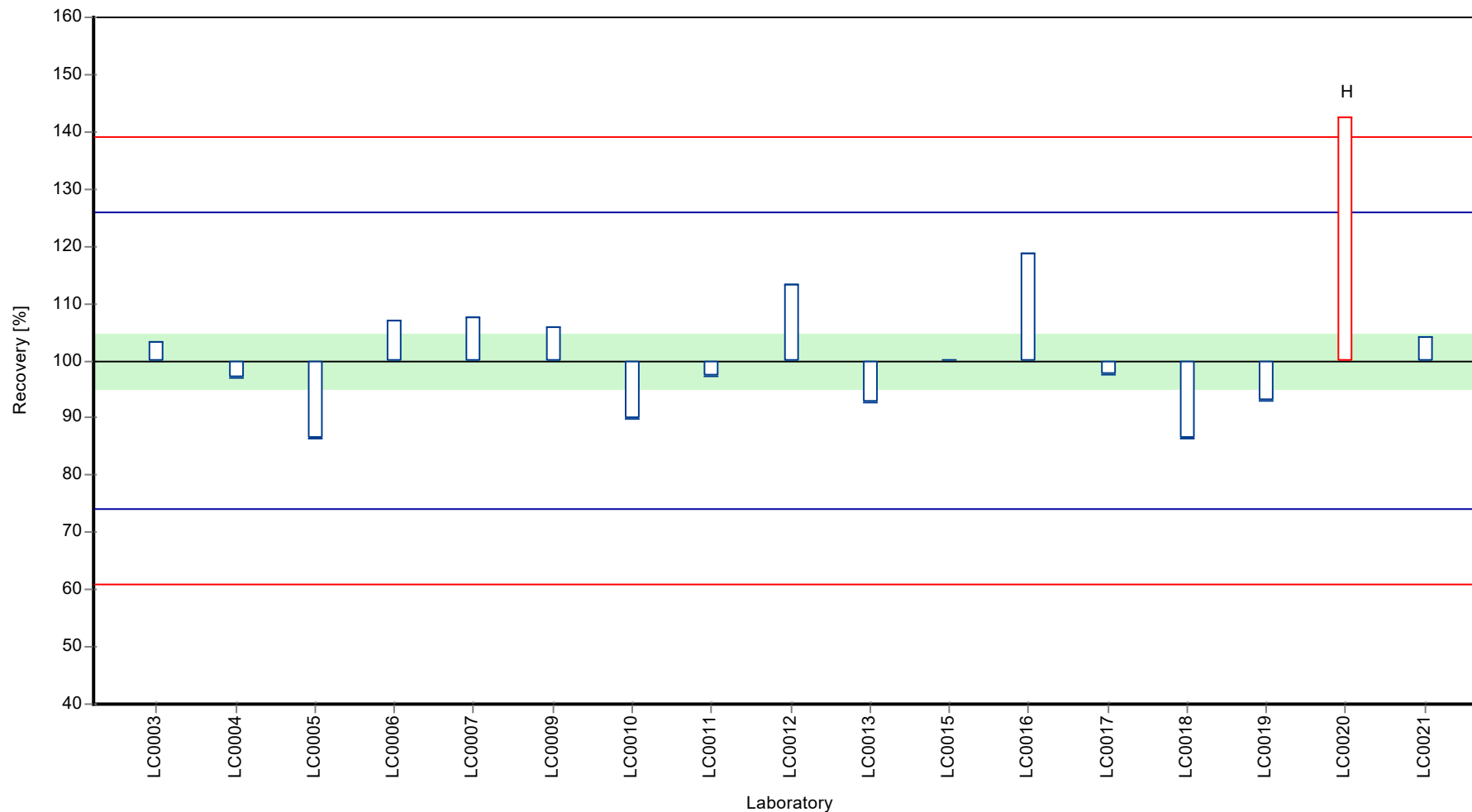
	all results	without outliers	Unit
Mean ± CI (99%)	0.453 ± 0.044	0.441 ± 0.0308	µg/l
Minimum	0.381	0.381	µg/l
Maximum	0.629	0.524	µg/l
Standard deviation	0.0604	0.0411	µg/l
rel. standard deviation	13.4	9.3	%
n	17	16	-

Graphical presentation of results

Results

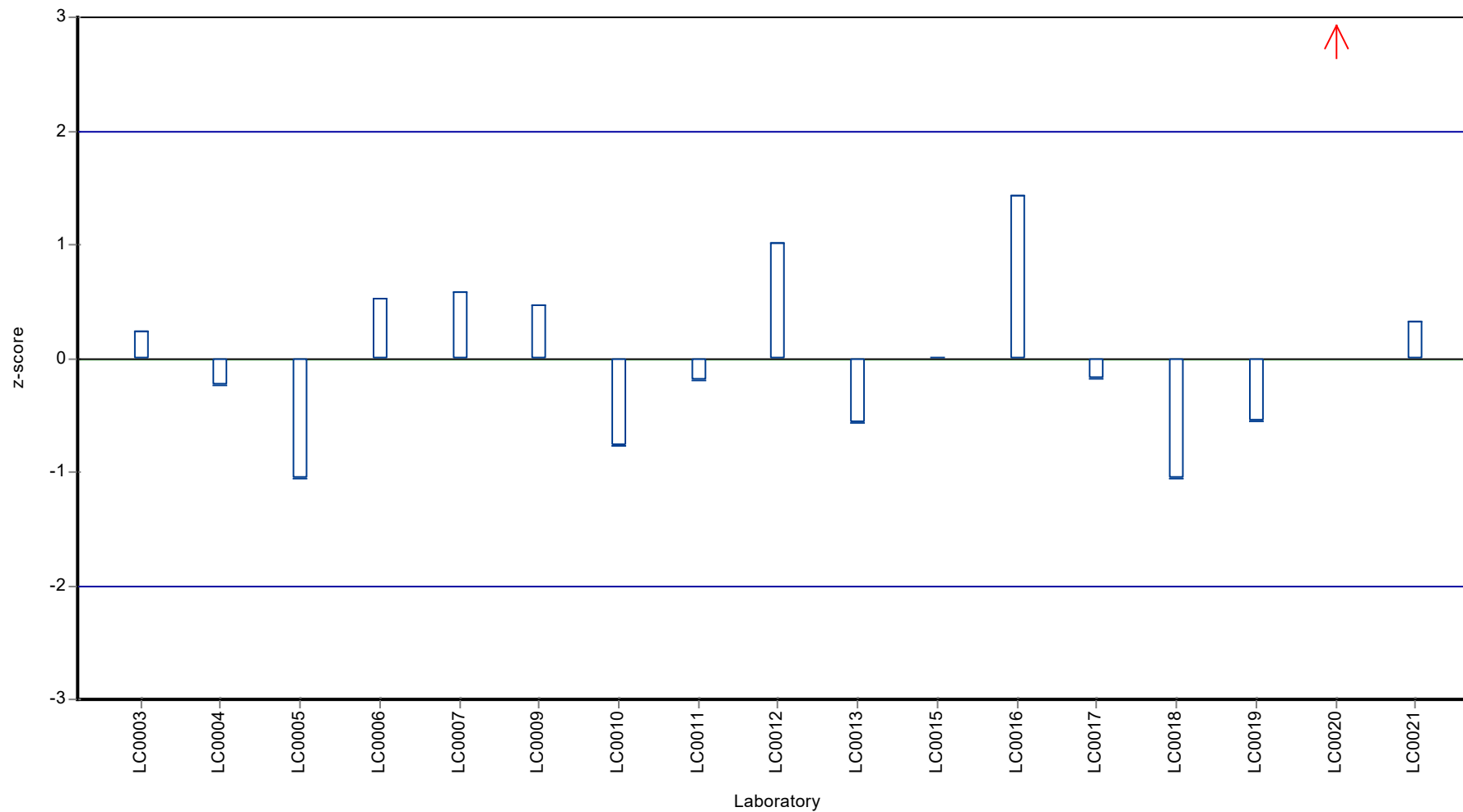


**Recovery rate**





Z-score



## Parameter oriented report

### H106 A

#### Metolachlor

Unit	µg/l
Assigned value ± U (k=2)	0.486 ± 0.0225
Criterion	0.0729 (15 %)
Minimum - Maximum	0.373 - 0.55
Control test value ± U (k=2)	0.499 ± 0.0748

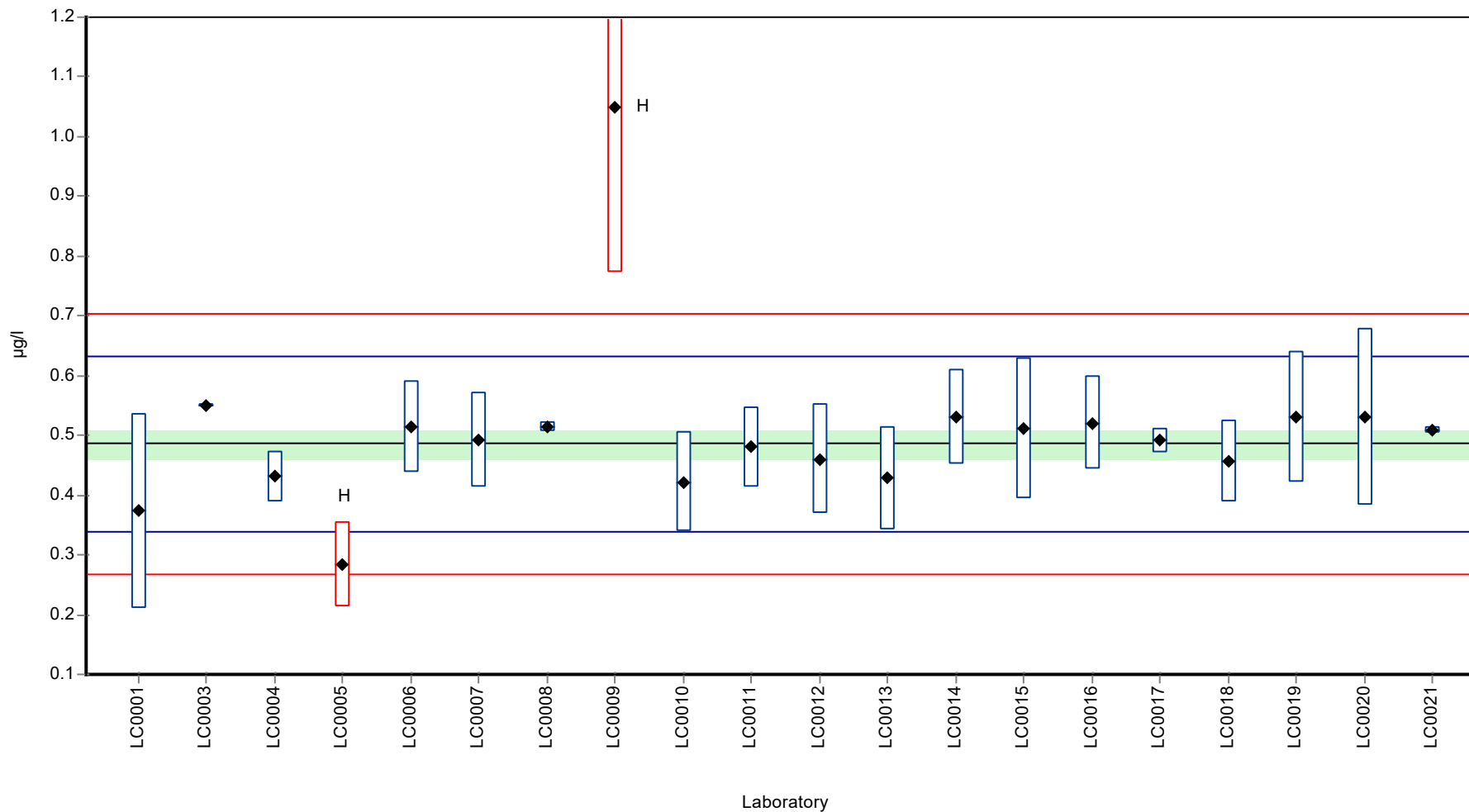
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.373	0.164	76.8	-1.55	
LC0002	-	-	-	-	
LC0003	0.5501	0.0018	113	0.88	
LC0004	0.431	0.043	88.7	-0.75	
LC0005	0.284	0.071	58.5	-2.77	H
LC0006	0.515	0.077	106	0.4	
LC0007	0.493	0.079	101	0.1	
LC0008	0.514	0.009	106	0.39	
LC0009	1.05	0.278	216	7.74	H
LC0010	0.422	0.084	86.9	-0.88	
LC0011	0.48	0.066	98.8	-0.08	
LC0012	0.46	0.092	94.7	-0.35	
LC0013	0.428	0.086	88.1	-0.79	
LC0014	0.53	0.08	109	0.61	
LC0015	0.5114	0.1185	105	0.35	
LC0016	0.52	0.078	107	0.47	
LC0017	0.4911	0.02	101	0.07	
LC0018	0.456	0.068	93.9	-0.41	
LC0019	0.53	0.11	109	0.61	
LC0020	0.531	0.149	109	0.62	
LC0021	0.508	0.005	105	0.3	

#### Characteristics of parameter

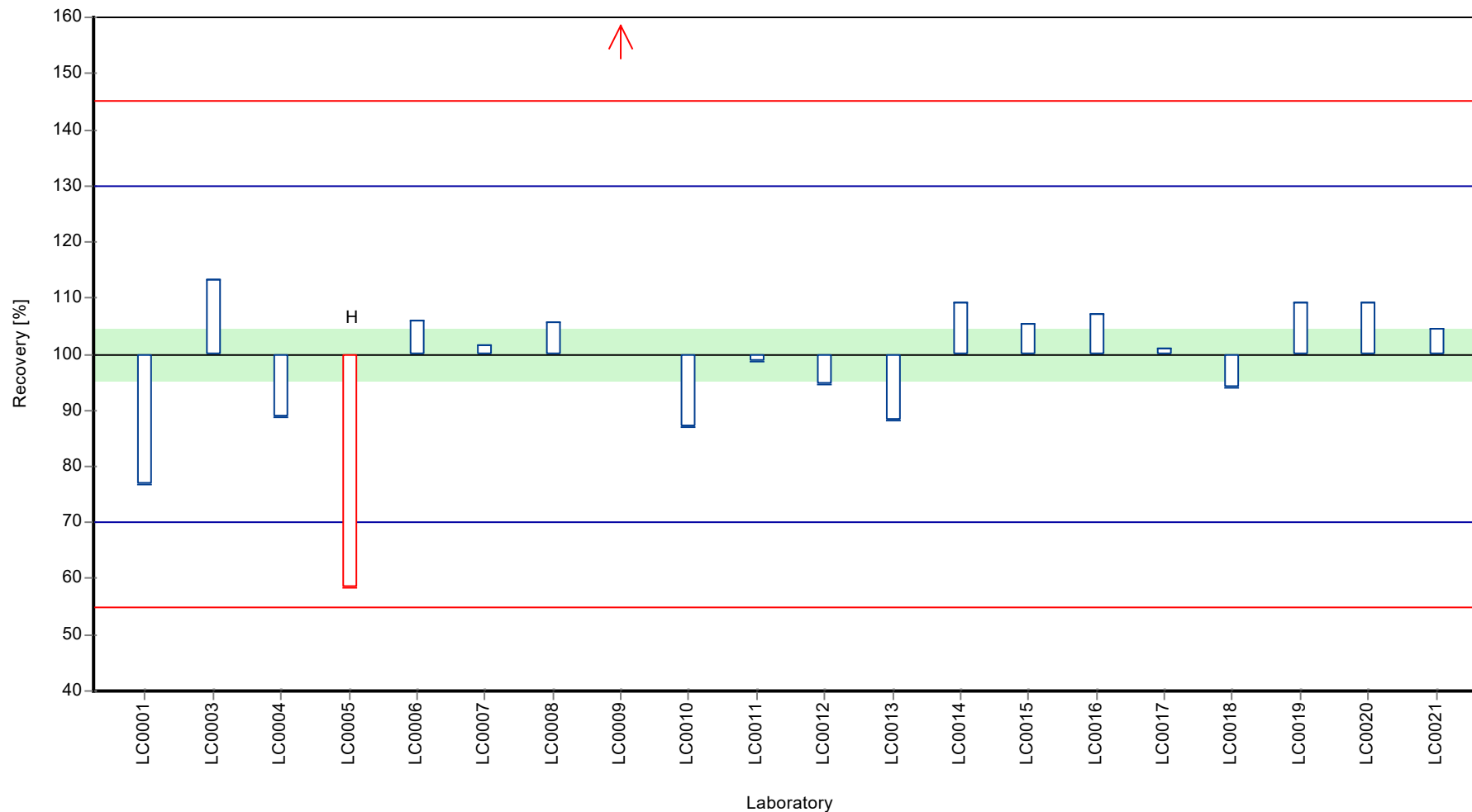
	all results	without outliers	Unit
Mean ± CI (99%)	0.504 ± 0.0963	0.486 ± 0.0338	µg/l
Minimum	0.284	0.373	µg/l
Maximum	1.05	0.55	µg/l
Standard deviation	0.144	0.0478	µg/l
rel. standard deviation	28.5	9.84	%
n	20	18	-

Graphical presentation of results

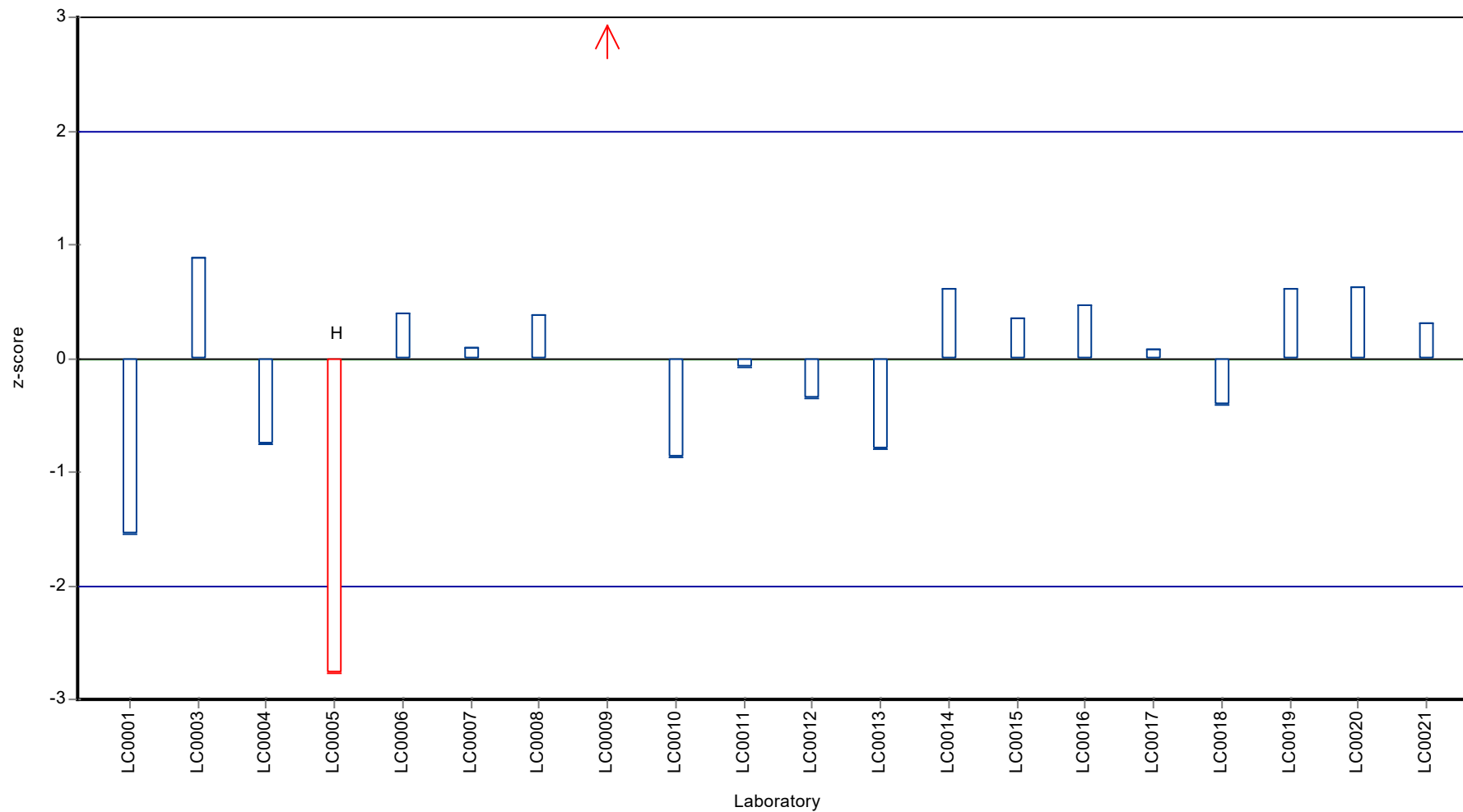
Results



Recovery rate



**Z-score**



## Parameter oriented report

### H106 B

#### Metolachlor

Unit	µg/l
Assigned value ± U (k=2)	0.808 ± 0.0599
Criterion	0.121 (15 %)
Minimum - Maximum	0.532 - 0.995
Control test value ± U (k=2)	0.922 ± 0.138

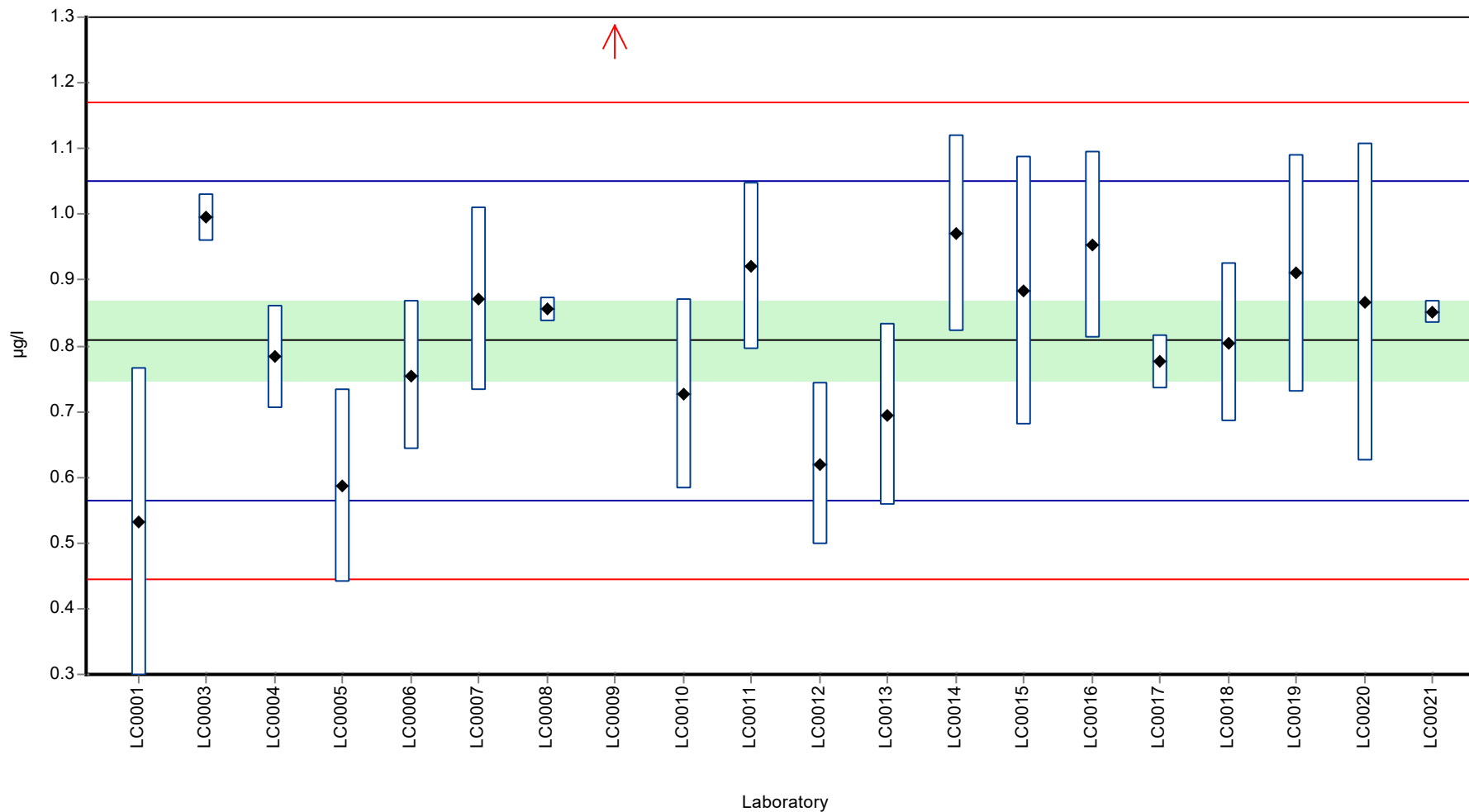
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.532	0.234	65.8	-2.28	
LC0002	-	-	-	-	
LC0003	0.9951	0.0359	123	1.54	
LC0004	0.783	0.078	96.9	-0.21	
LC0005	0.587	0.147	72.7	-1.82	
LC0006	0.755	0.113	93.4	-0.44	
LC0007	0.871	0.139	108	0.52	
LC0008	0.855	0.018	106	0.39	
LC0009	1.785	0.472	221	8.06	H
LC0010	0.726	0.145	89.9	-0.68	
LC0011	0.92	0.127	114	0.93	
LC0012	0.62	0.124	76.7	-1.55	
LC0013	0.695	0.139	86	-0.93	
LC0014	0.97	0.15	120	1.34	
LC0015	0.8828	0.2045	109	0.62	
LC0016	0.953	0.143	118	1.2	
LC0017	0.7751	0.04	95.9	-0.27	
LC0018	0.804	0.121	99.5	-0.03	
LC0019	0.91	0.18	113	0.84	
LC0020	0.866	0.242	107	0.48	
LC0021	0.851	0.018	105	0.35	

#### Characteristics of parameter

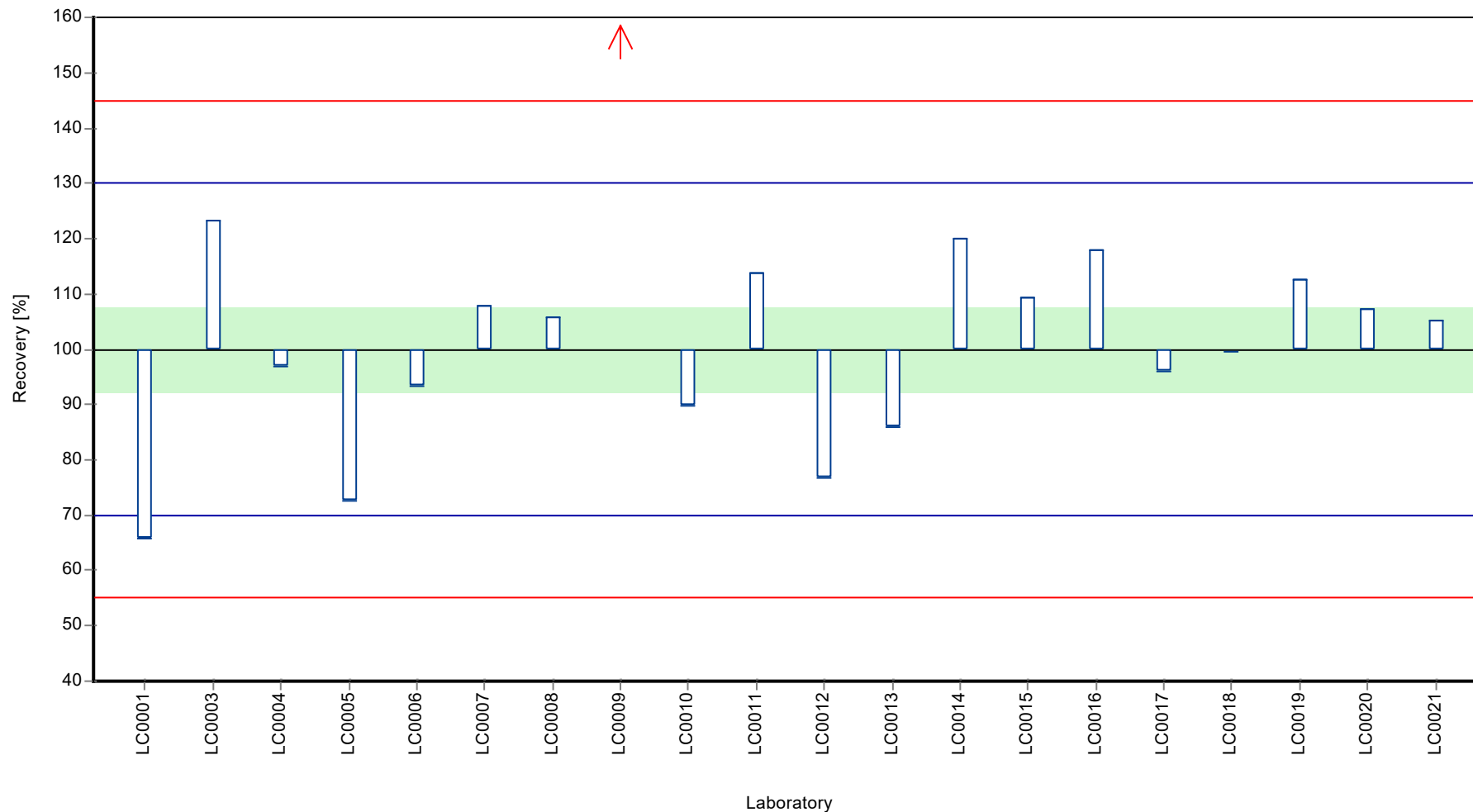
	all results	without outliers	Unit
Mean ± CI (99%)	0.857 ± 0.17	0.808 ± 0.0898	µg/l
Minimum	0.532	0.532	µg/l
Maximum	1.79	0.995	µg/l
Standard deviation	0.253	0.131	µg/l
rel. standard deviation	29.5	16.2 %	
n	20	19	-

Graphical presentation of results

Results

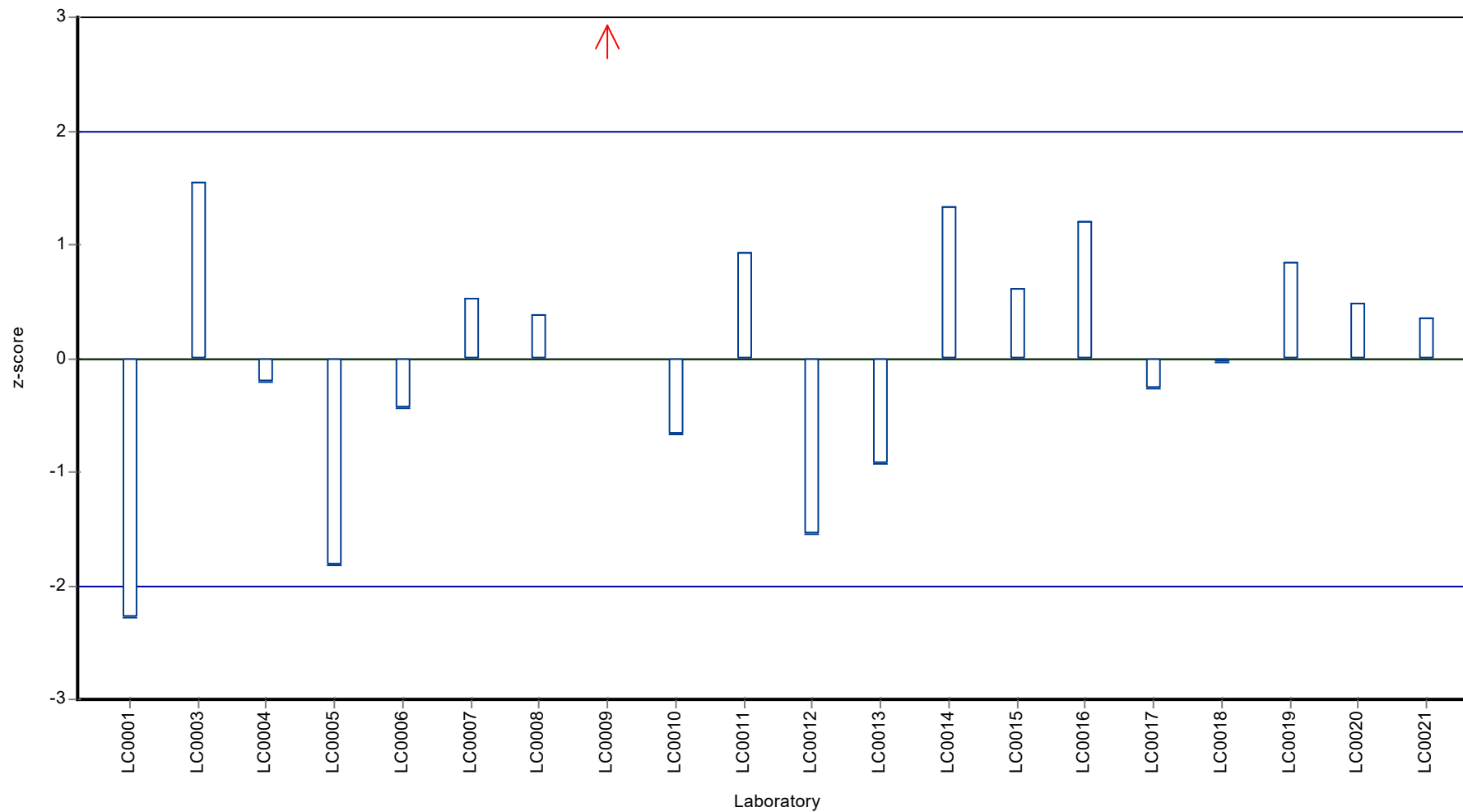


Recovery rate





Z-score



## Parameter oriented report

### H106 A

#### N,N-Dimethylsulfamide (DMS)

Unit	µg/l
Assigned value ± U (k=2)	0.2 ± 0.0144
Criterion	0.0301 (15 %)
Minimum - Maximum	0.154 - 0.23
Control test value ± U (k=2)	0.183 ± 0.0274

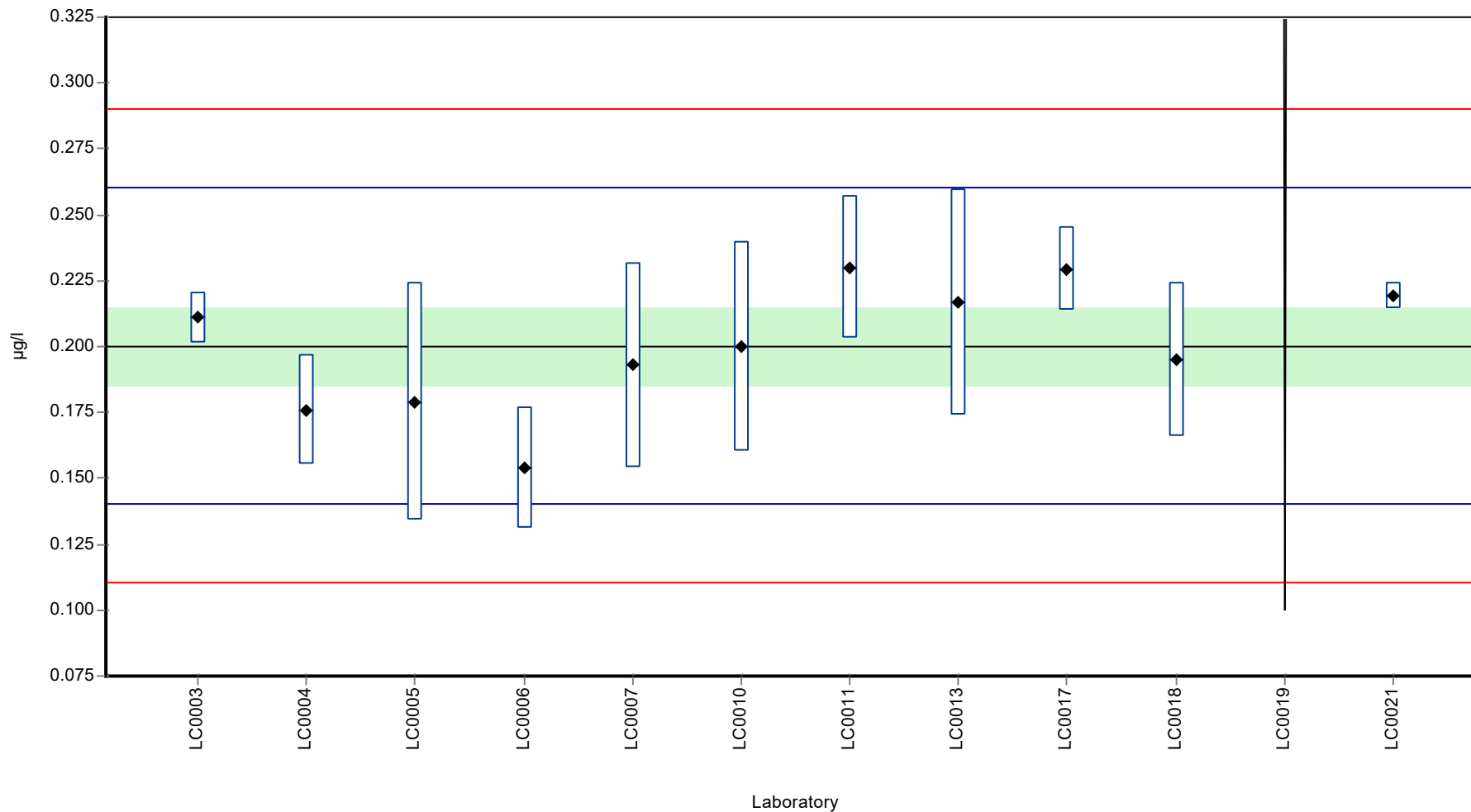
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.2109	0.0098	105	0.35	
LC0004	0.176	0.021	87.9	-0.81	
LC0005	0.179	0.045	89.4	-0.71	
LC0006	0.154	0.023	76.9	-1.54	
LC0007	0.193	0.039	96.4	-0.24	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.2	0.04	99.9	-0.01	
LC0011	0.23	0.027	115	0.99	
LC0012	-	-	-	-	
LC0013	0.217	0.043	108	0.56	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.2294	0.016	115	0.97	
LC0018	0.195	0.029	97.4	-0.18	
LC0019	< 1 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	0.219	0.005	109	0.62	

#### Characteristics of parameter

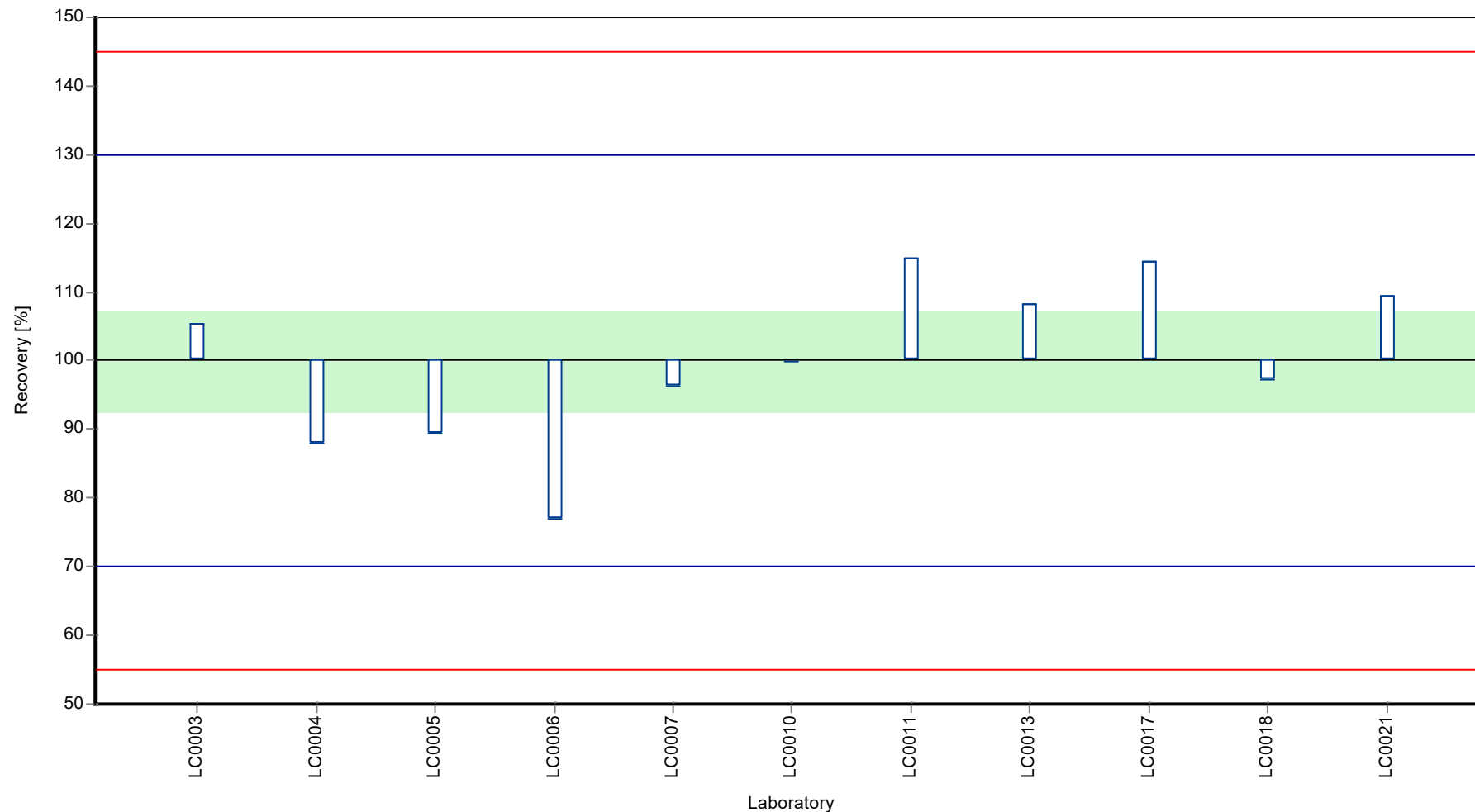
	all results	without outliers	Unit
Mean ± CI (99%)	0.2 ± 0.0217	0.2 ± 0.0217	µg/l
Minimum	0.154	0.154	µg/l
Maximum	0.23	0.23	µg/l
Standard deviation	0.024	0.024	µg/l
rel. standard deviation	12	12	%
n	11	11	-

Graphical presentation of results

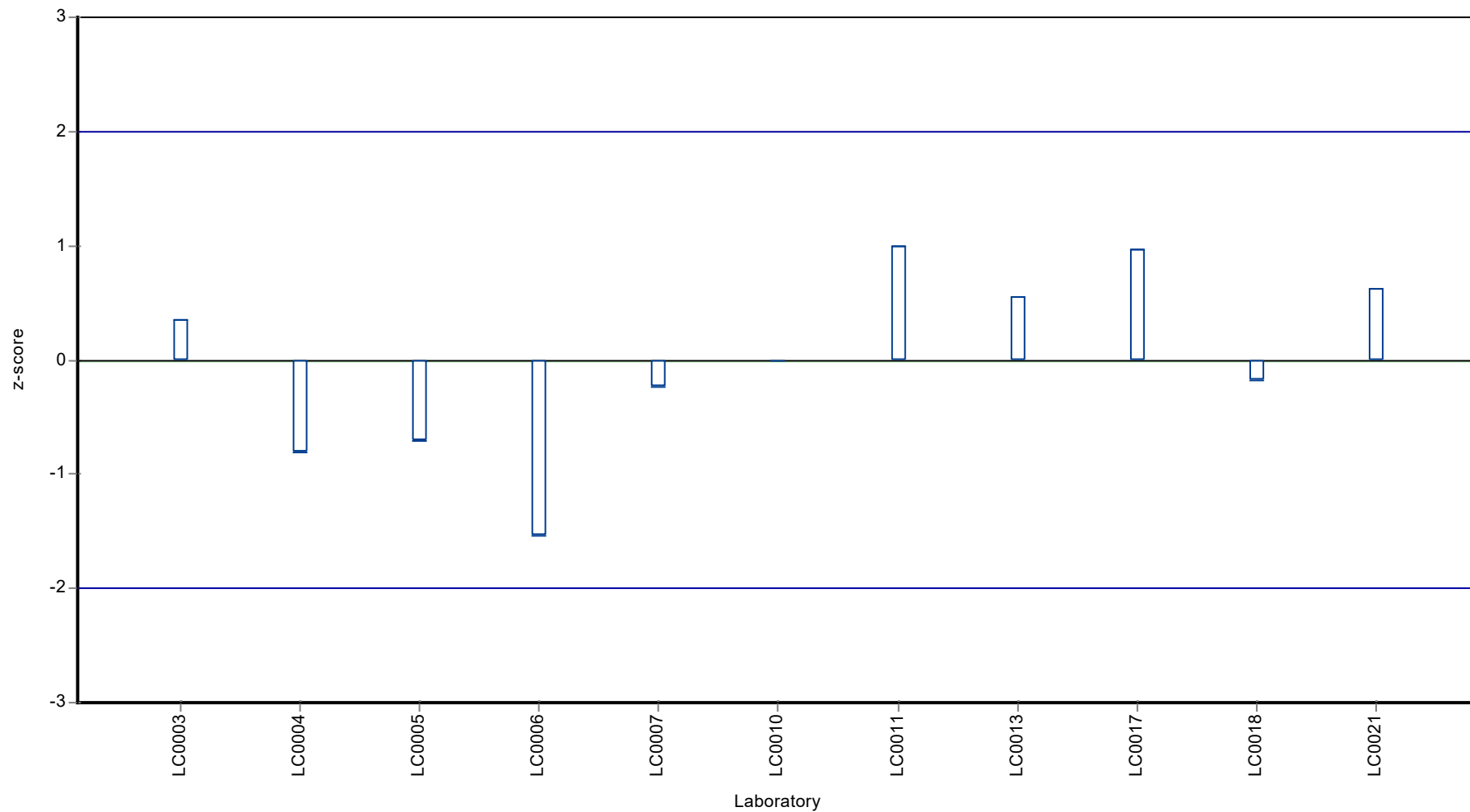
Results



**Recovery rate**



**Z-score**



## Parameter oriented report

### H106 B

#### N,N-Dimethylsulfamide (DMS)

Unit	µg/l
Assigned value ± U (k=2)	0.401 ± 0.0329
Criterion	0.0601 (15 %)
Minimum - Maximum	0.312 - 0.51
Control test value ± U (k=2)	0.379 ± 0.0568

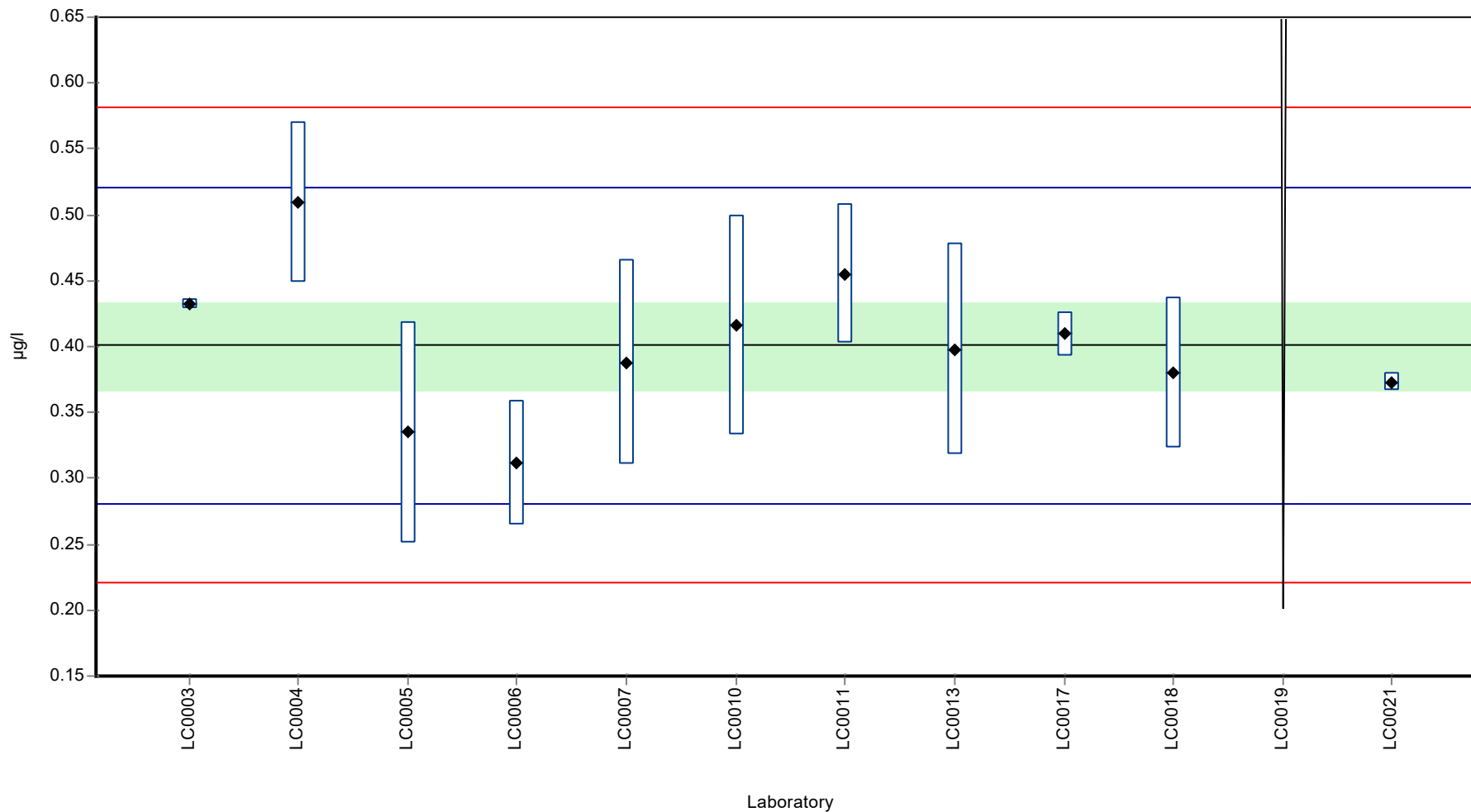
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.4327	0.0038	108	0.53	
LC0004	0.51	0.061	127	1.82	
LC0005	0.335	0.084	83.6	-1.09	
LC0006	0.312	0.047	77.8	-1.48	
LC0007	0.388	0.078	96.8	-0.21	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.416	0.083	104	0.25	
LC0011	0.455	0.053	114	0.9	
LC0012	-	-	-	-	
LC0013	0.398	0.08	99.3	-0.05	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.4095	0.017	102	0.14	
LC0018	0.38	0.057	94.8	-0.35	
LC0019	< 1 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	0.373	0.007	93.1	-0.46	

#### Characteristics of parameter

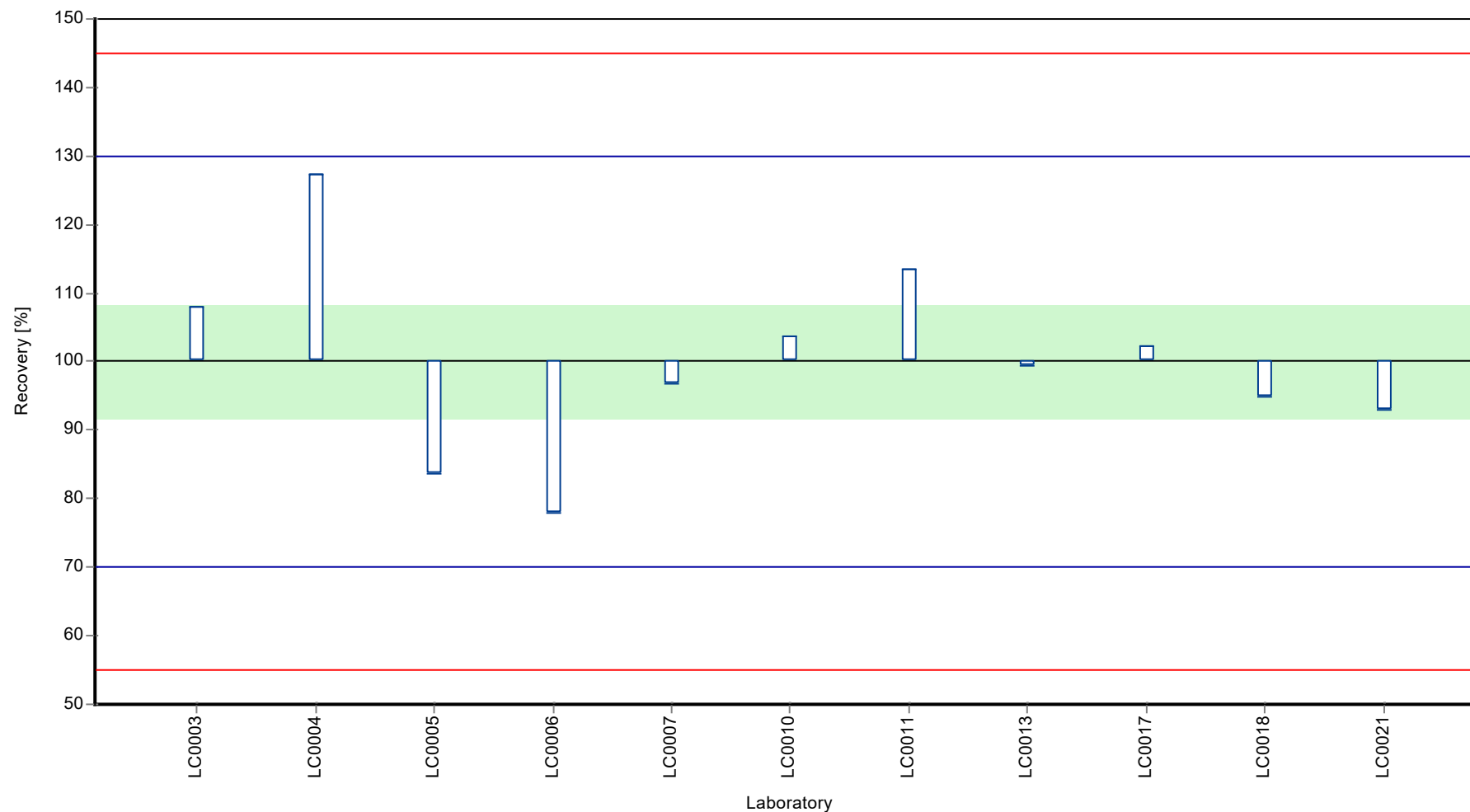
	all results	without outliers	Unit
Mean ± CI (99%)	0.401 ± 0.0494	0.401 ± 0.0494	µg/l
Minimum	0.312	0.312	µg/l
Maximum	0.51	0.51	µg/l
Standard deviation	0.0546	0.0546	µg/l
rel. standard deviation	13.6	13.6	%
n	11	11	-

Graphical presentation of results

Results

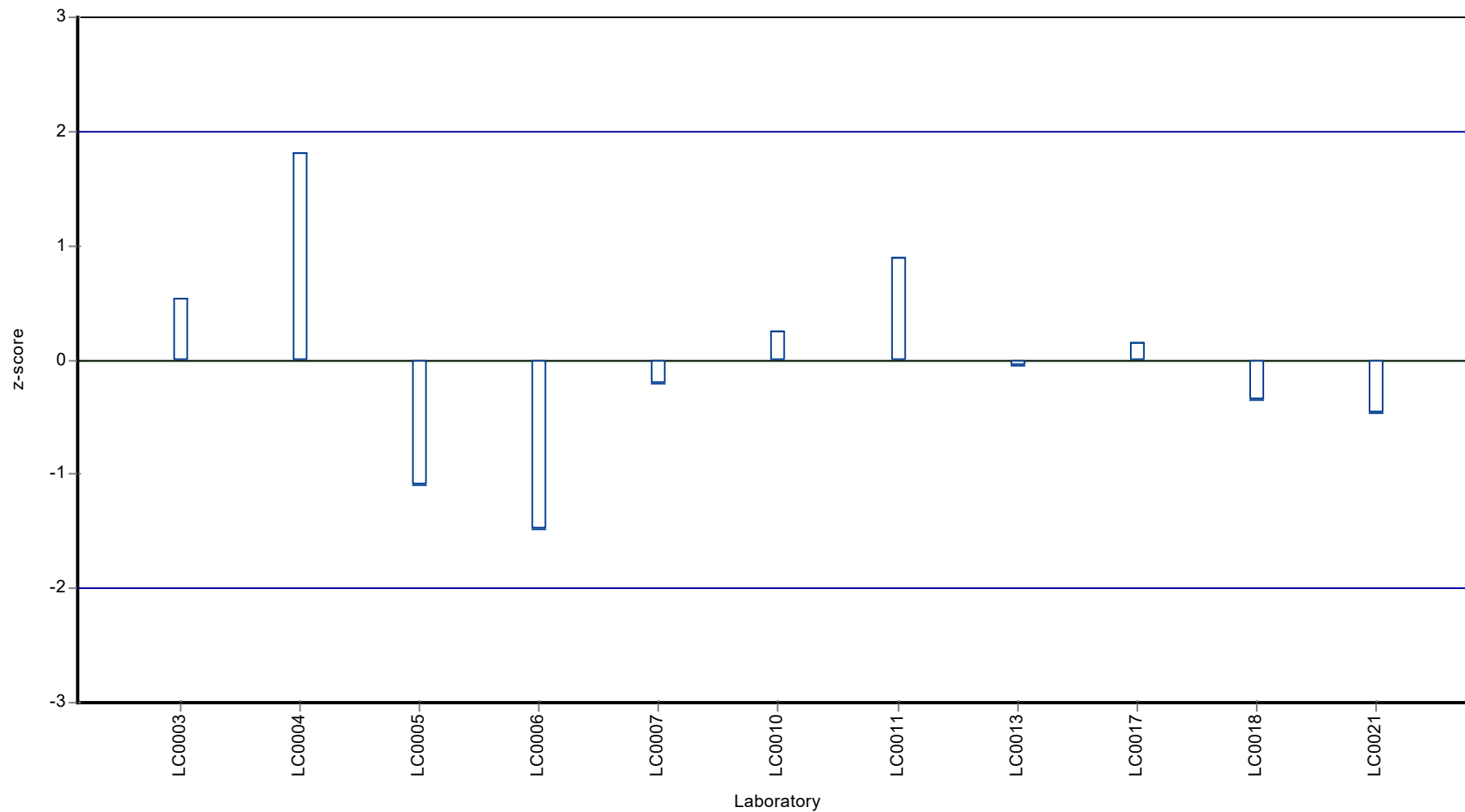


**Recovery rate**





**Z-score**



## Parameter oriented report

### H106 A

#### Nicosulfurone

Unit	µg/l
Assigned value ± U (k=2)	0.443 ± 0.0928
Criterion	0.164 (37 %)
Minimum - Maximum	0.297 - 0.623
Control test value ± U (k=2)	0.34 ± 0.0511

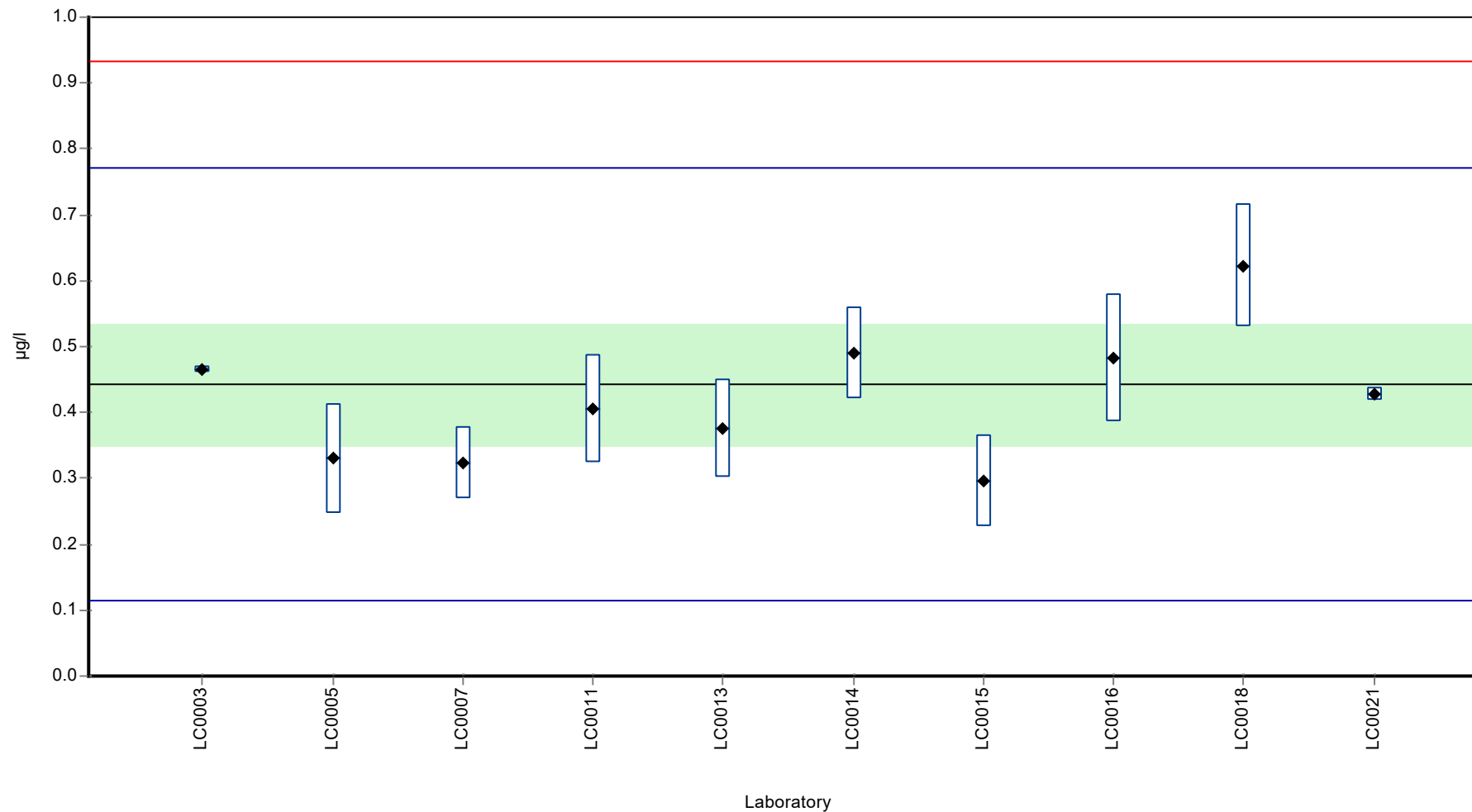
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.465	0.0056	105	0.14	
LC0004	-	-	-	-	
LC0005	0.33	0.083	74.6	-0.69	
LC0006	-	-	-	-	
LC0007	0.324	0.055	73.2	-0.72	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.405	0.082	91.5	-0.23	
LC0012	-	-	-	-	
LC0013	0.376	0.075	85	-0.41	
LC0014	0.49	0.07	111	0.29	
LC0015	0.2967	0.0691	67.1	-0.89	
LC0016	0.483	0.097	109	0.25	
LC0017	-	-	-	-	
LC0018	0.623	0.093	141	1.1	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.429	0.01	96.9	-0.08	

#### Characteristics of parameter

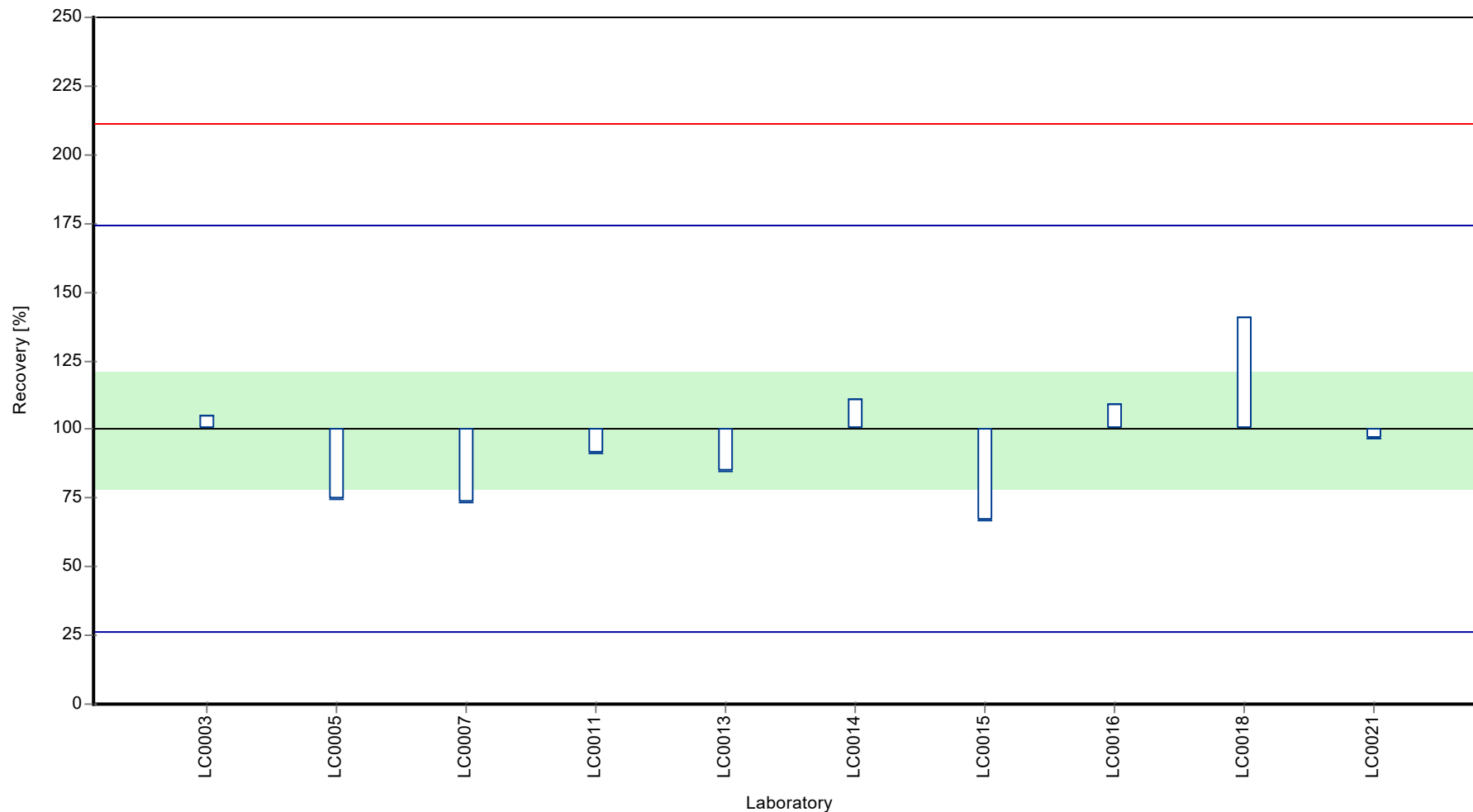
	all results	without outliers	Unit
Mean ± CI (99%)	0.422 ± 0.0932	0.422 ± 0.0932	µg/l
Minimum	0.297	0.297	µg/l
Maximum	0.623	0.623	µg/l
Standard deviation	0.0982	0.0982	µg/l
rel. standard deviation	23.3	23.3	%
n	10	10	-

Graphical presentation of results

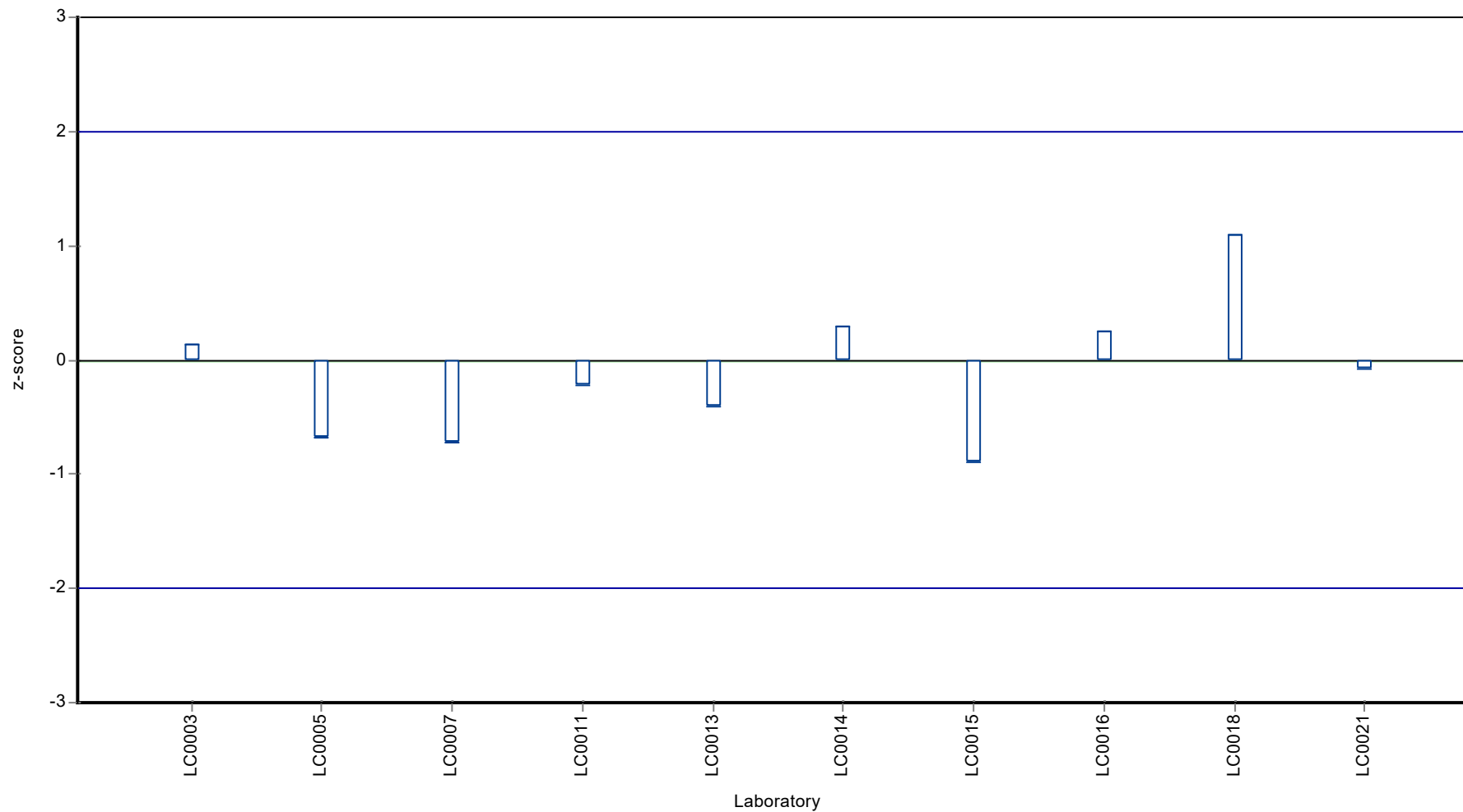
Results



**Recovery rate**



**Z-score**



## Parameter oriented report

### H106 B

#### Nicosulfurone

Unit	µg/l
Assigned value ± U (k=2)	0.499 ± 0.0752
Criterion	0.185 (37 %)
Minimum - Maximum	0.335 - 0.644
Control test value ± U (k=2)	0.391 ± 0.0587

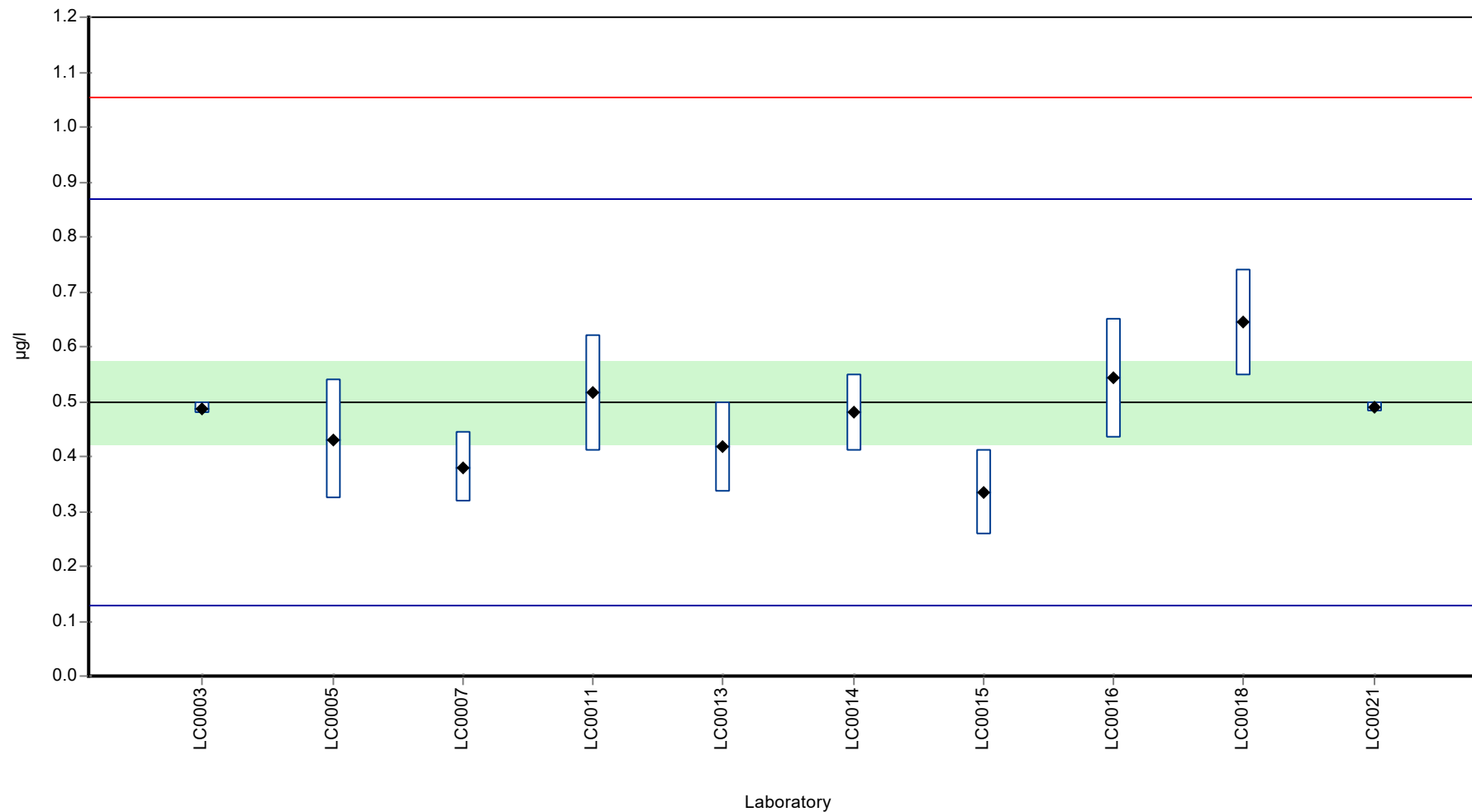
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.4877	0.0114	97.8	-0.06	
LC0004	-	-	-	-	
LC0005	0.431	0.108	86.4	-0.37	
LC0006	-	-	-	-	
LC0007	0.38	0.065	76.2	-0.64	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.515	0.105	103	0.09	
LC0012	-	-	-	-	
LC0013	0.417	0.083	83.6	-0.44	
LC0014	0.48	0.07	96.2	-0.1	
LC0015	0.3346	0.0779	67.1	-0.89	
LC0016	0.543	0.109	109	0.24	
LC0017	-	-	-	-	
LC0018	0.644	0.097	129	0.79	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.49	0.008	98.2	-0.05	

#### Characteristics of parameter

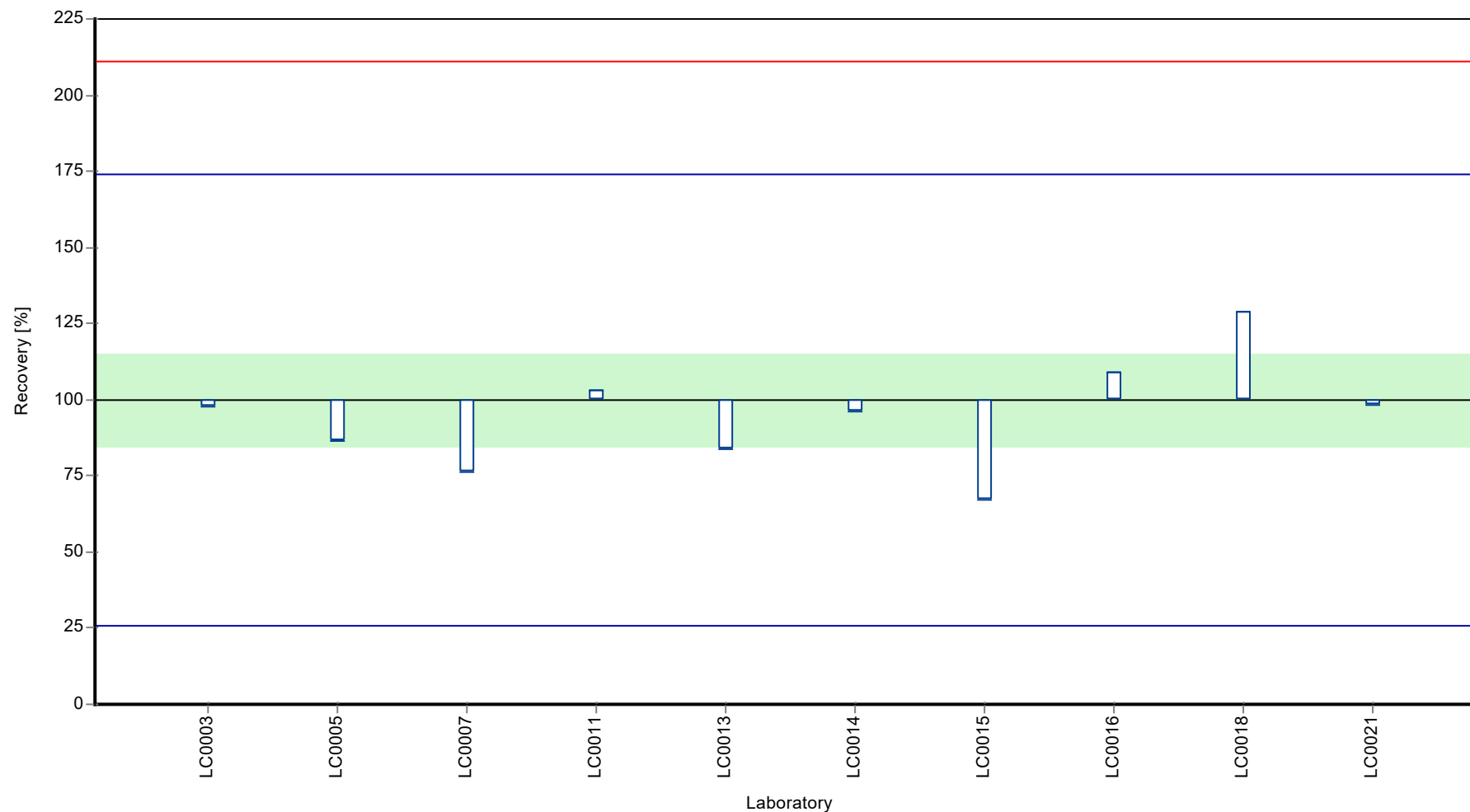
	all results	without outliers	Unit
Mean ± CI (99%)	0.472 ± 0.0832	0.472 ± 0.0832	µg/l
Minimum	0.335	0.335	µg/l
Maximum	0.644	0.644	µg/l
Standard deviation	0.0877	0.0877	µg/l
rel. standard deviation	18.6	18.6	%
n	10	10	-

Graphical presentation of results

Results

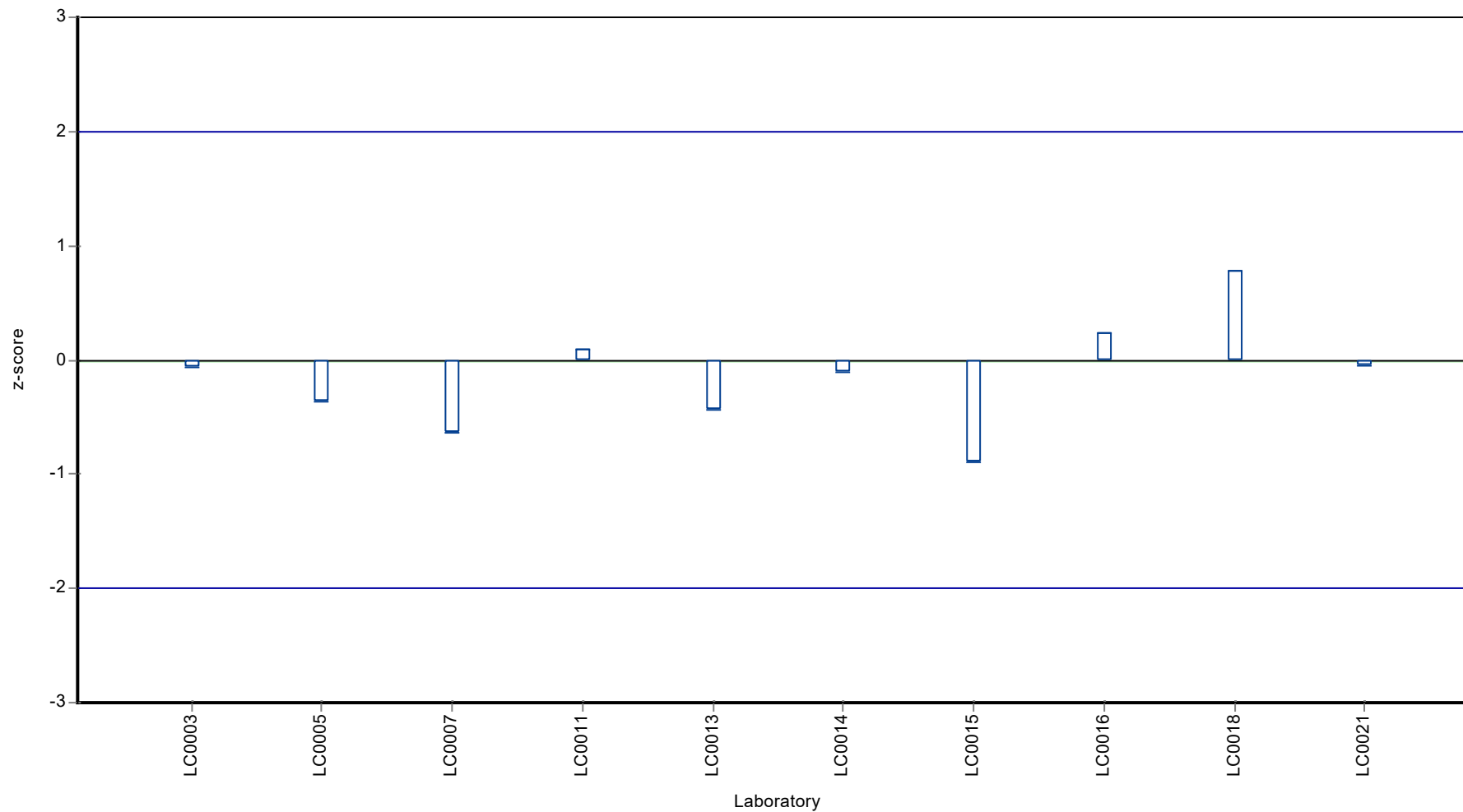


**Recovery rate**





**Z-score**



## Parameter oriented report

### H106 A

#### Prometryn

Unit	µg/l
Assigned value ± U (k=2)	0.408 ± 0.0292
Criterion	0.053 (13 %)
Minimum - Maximum	0.328 - 0.49
Control test value ± U (k=2)	0.373 ± 0.056

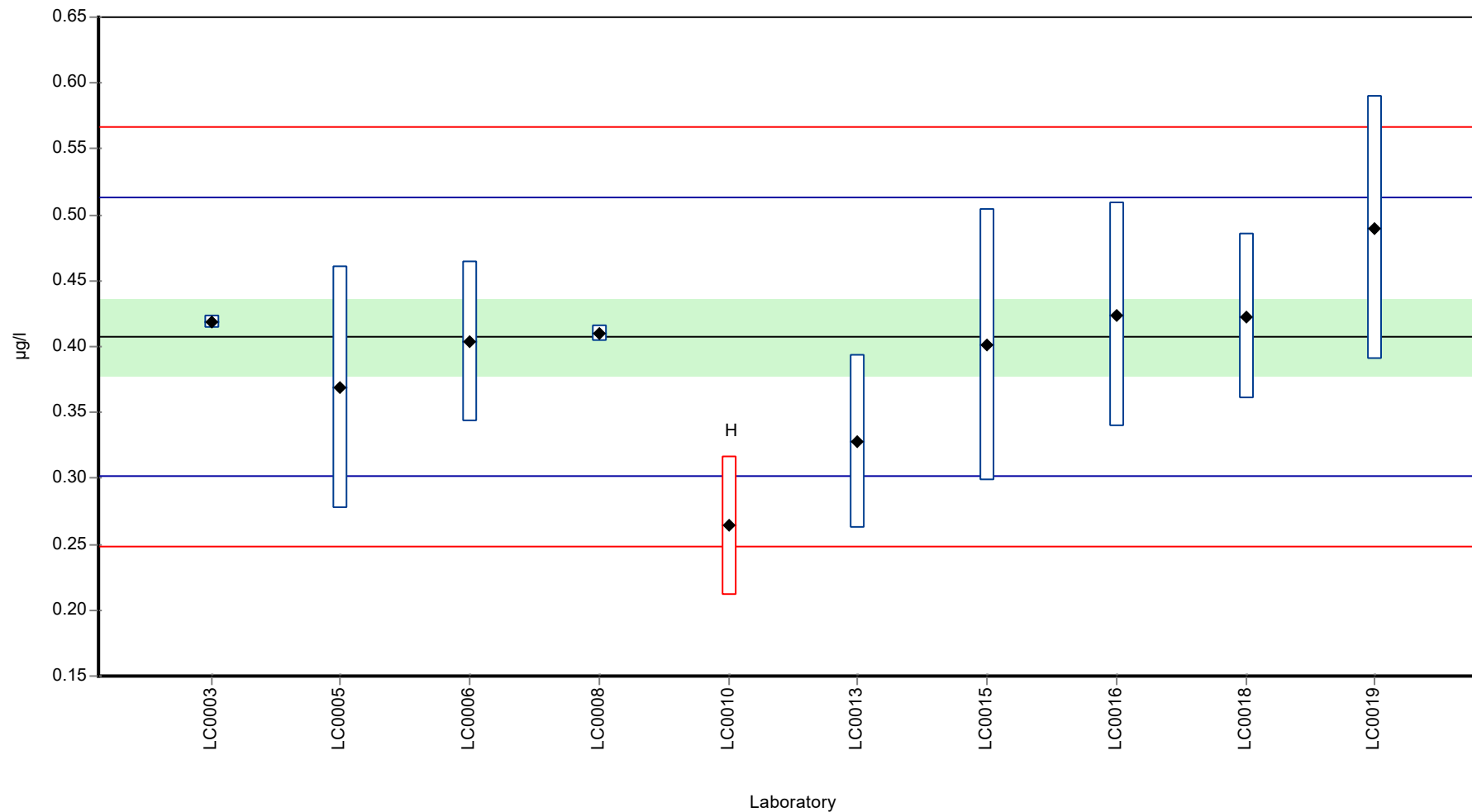
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.4187	0.0048	103	0.21	
LC0004	-	-	-	-	
LC0005	0.369	0.092	90.5	-0.73	
LC0006	0.404	0.061	99.1	-0.07	
LC0007	-	-	-	-	
LC0008	0.41	0.006	101	0.05	
LC0009	-	-	-	-	
LC0010	0.264	0.053	64.8	-2.71	H
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.328	0.066	80.5	-1.5	
LC0014	-	-	-	-	
LC0015	0.4009	0.1035	98.4	-0.13	
LC0016	0.424	0.085	104	0.31	
LC0017	-	-	-	-	
LC0018	0.423	0.063	104	0.29	
LC0019	0.49	0.1	120	1.56	
LC0020	-	-	-	-	
LC0021	-	-	-	-	

#### Characteristics of parameter

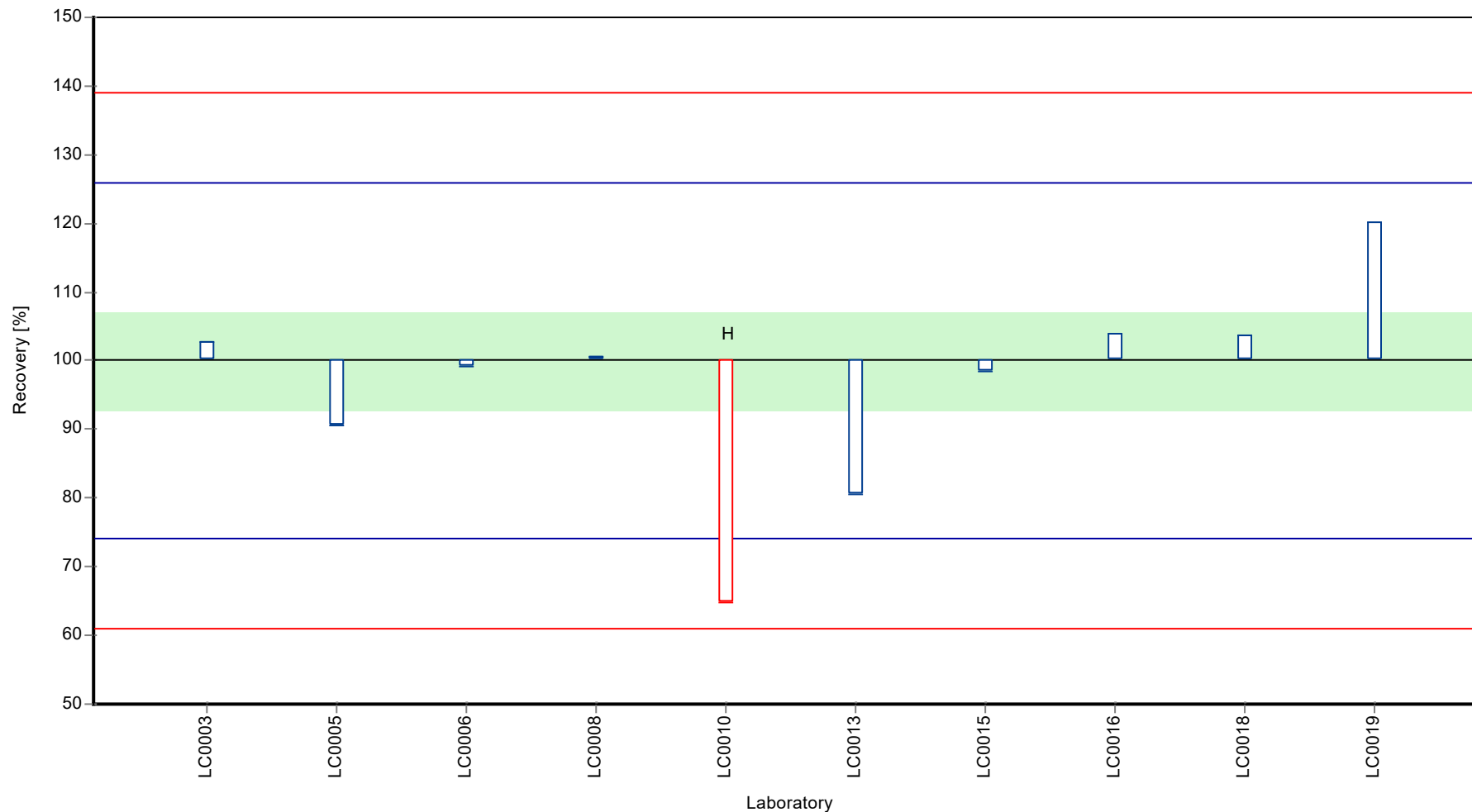
	all results	without outliers	Unit
Mean ± CI (99%)	0.393 ± 0.0582	0.408 ± 0.0437	µg/l
Minimum	0.264	0.328	µg/l
Maximum	0.49	0.49	µg/l
Standard deviation	0.0613	0.0437	µg/l
rel. standard deviation	15.6	10.7	%
n	10	9	-

Graphical presentation of results

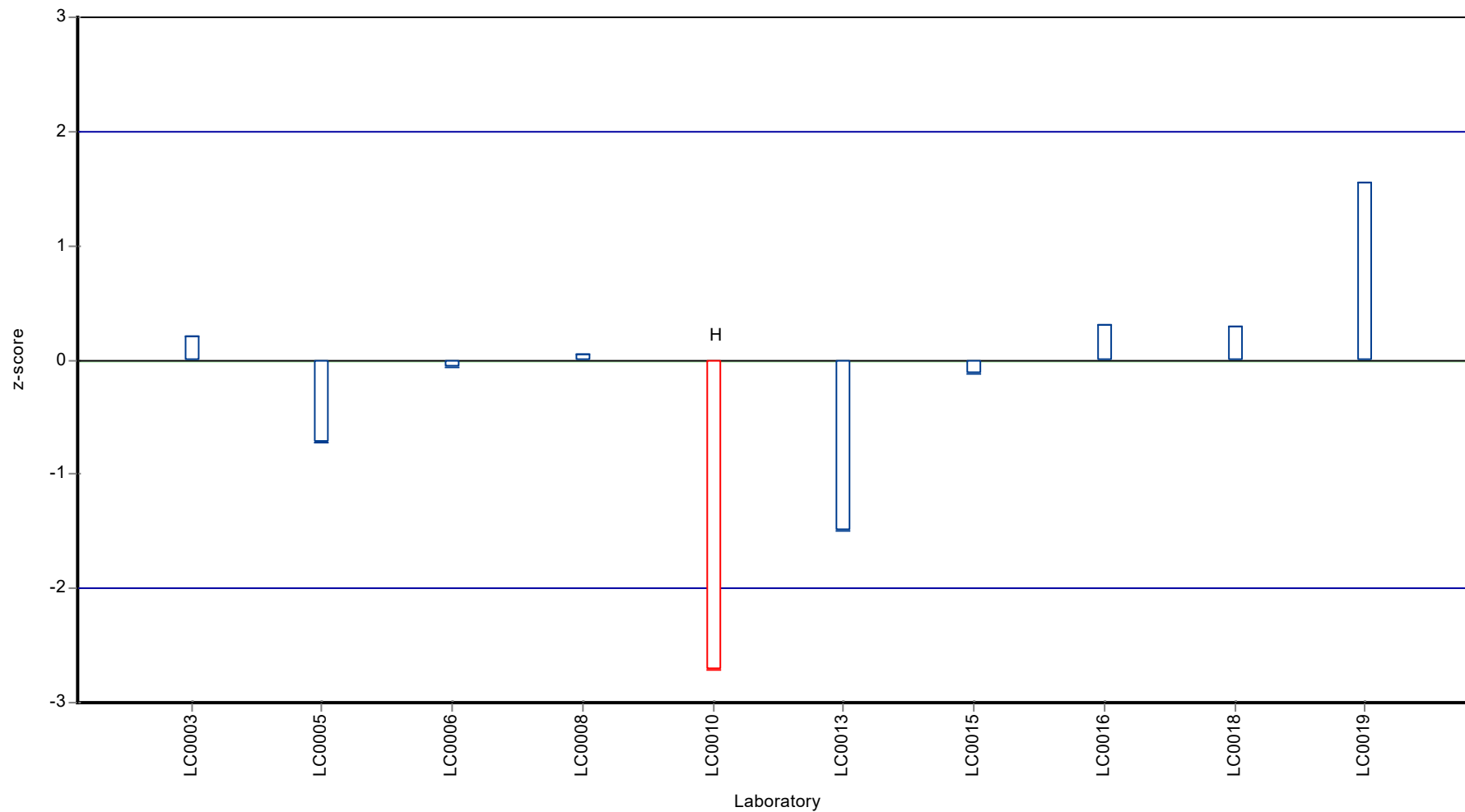
Results



**Recovery rate**



Z-score



## Parameter oriented report

### H106 B

#### Prometryn

Unit	µg/l
Assigned value ± U (k=2)	0.796 ± 0.0789
Criterion	0.104 (13 %)
Minimum - Maximum	0.581 - 0.954
Control test value ± U (k=2)	0.725 ± 0.109

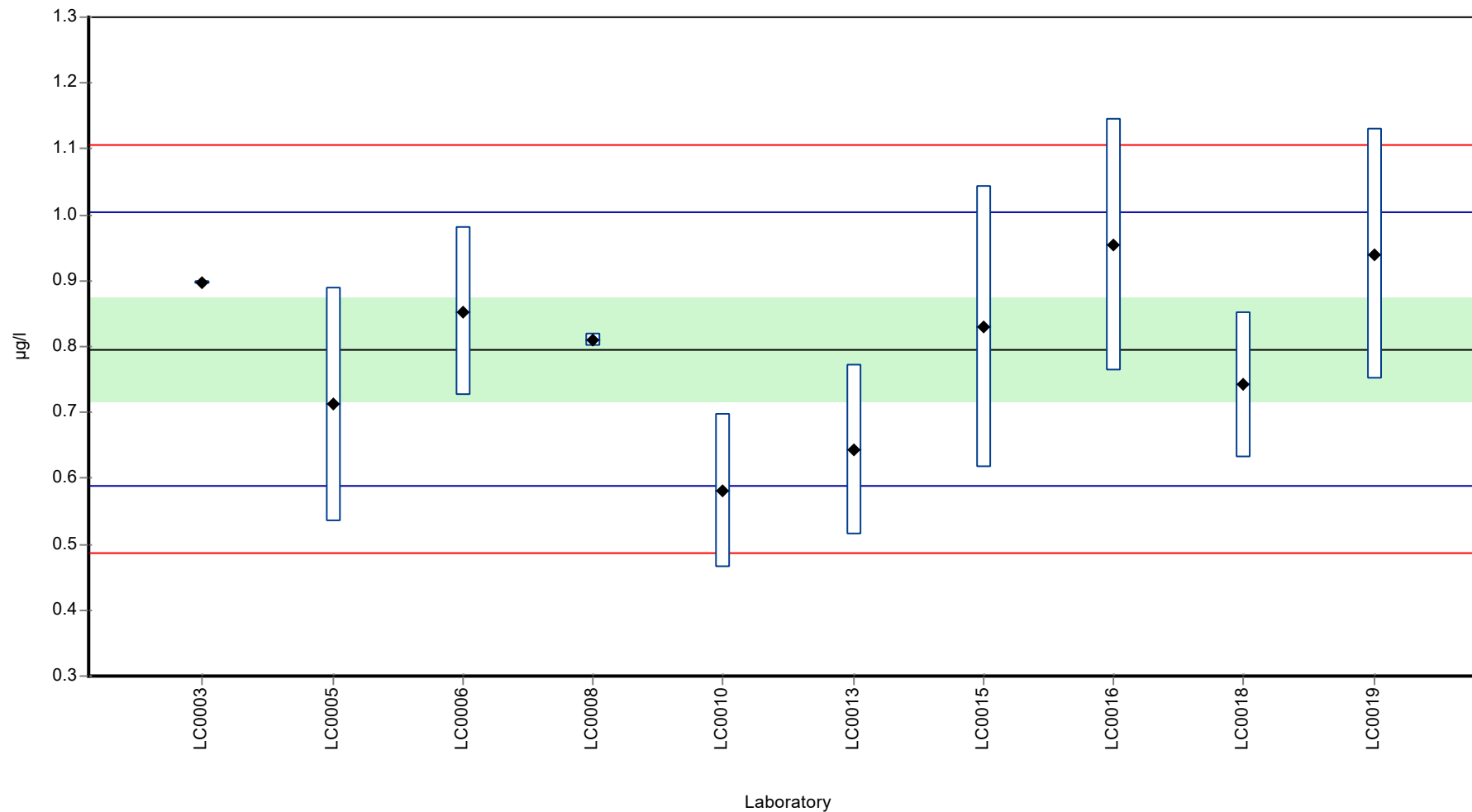
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.8968	0.0034	113	0.97	
LC0004	-	-	-	-	
LC0005	0.712	0.178	89.4	-0.81	
LC0006	0.853	0.128	107	0.55	
LC0007	-	-	-	-	
LC0008	0.81	0.011	102	0.13	
LC0009	-	-	-	-	
LC0010	0.581	0.116	73	-2.08	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.643	0.129	80.8	-1.48	
LC0014	-	-	-	-	
LC0015	0.8297	0.2142	104	0.32	
LC0016	0.954	0.191	120	1.53	
LC0017	-	-	-	-	
LC0018	0.742	0.111	93.2	-0.52	
LC0019	0.94	0.19	118	1.39	
LC0020	-	-	-	-	
LC0021	-	-	-	-	

#### Characteristics of parameter

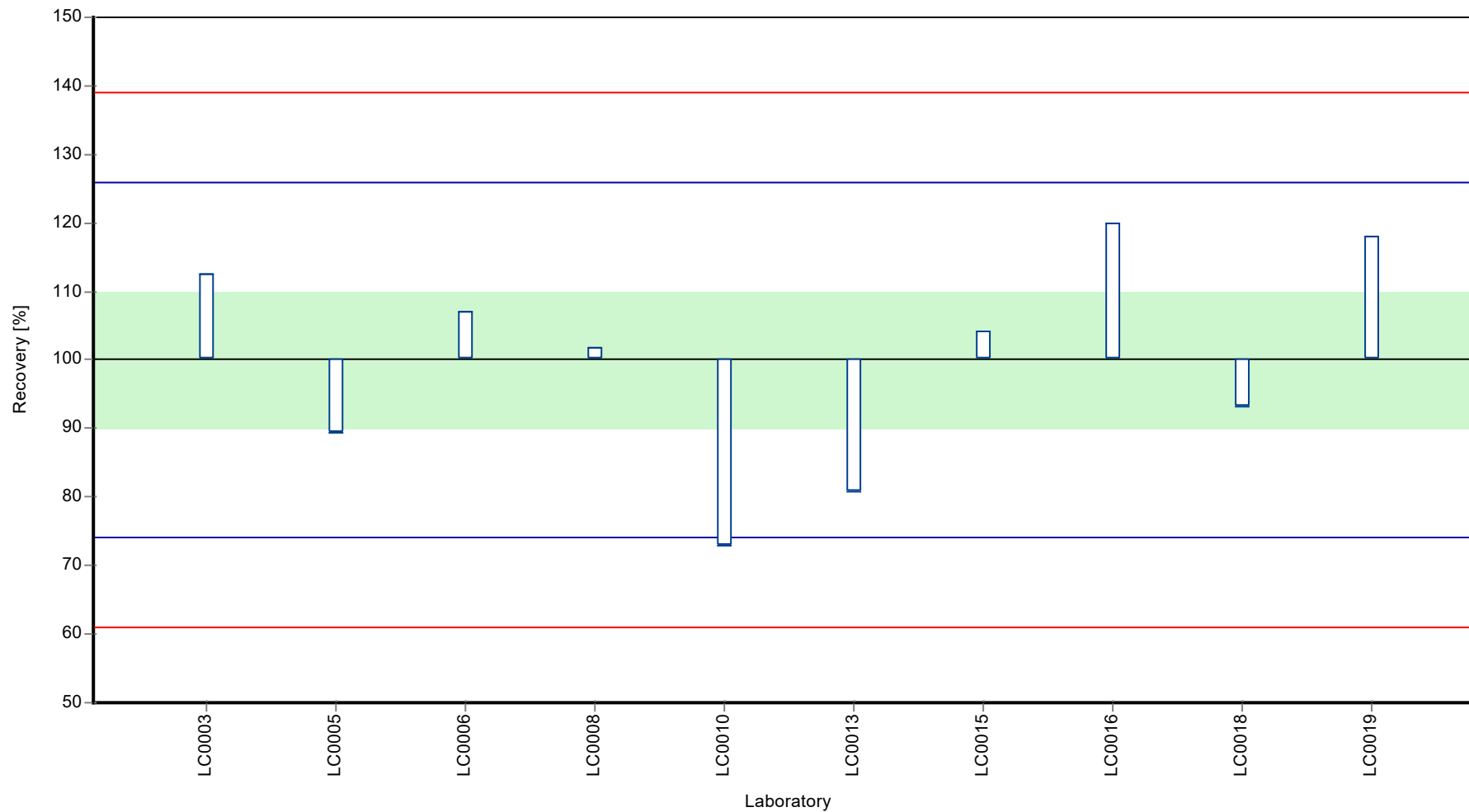
	all results	without outliers	Unit
Mean ± CI (99%)	0.796 ± 0.118	0.796 ± 0.118	µg/l
Minimum	0.581	0.581	µg/l
Maximum	0.954	0.954	µg/l
Standard deviation	0.125	0.125	µg/l
rel. standard deviation	15.7	15.7	%
n	10	10	-

Graphical presentation of results

Results

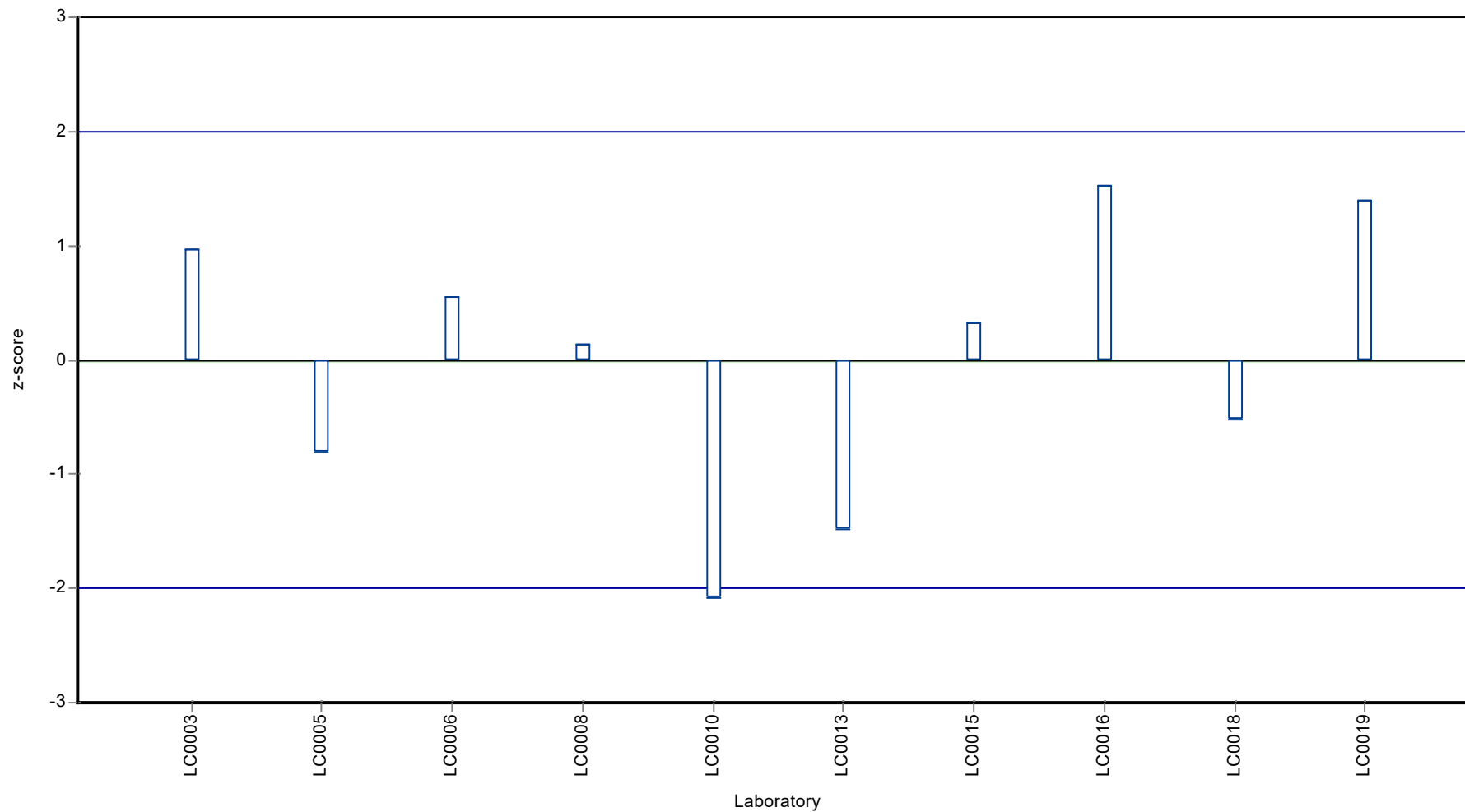


**Recovery rate**





**Z-score**



## Parameter oriented report

### H106 A

#### Propazine

Unit	µg/l
Assigned value ± U (k=2)	0.433 ± 0.0312
Criterion	0.0563 (13 %)
Minimum - Maximum	0.36 - 0.54
Control test value ± U (k=2)	0.413 ± 0.0619

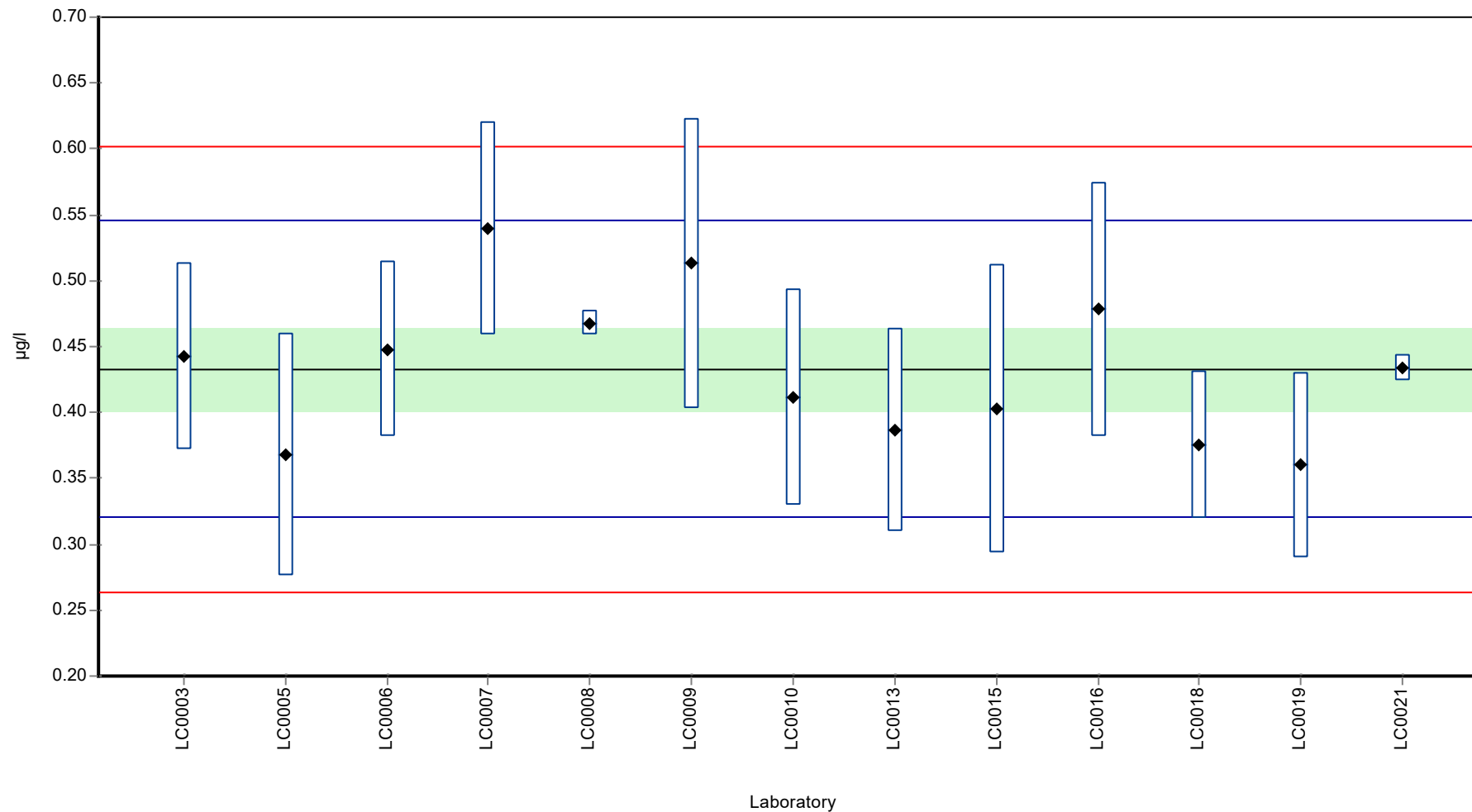
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.4422	0.071	102	0.17	
LC0004	-	-	-	-	
LC0005	0.368	0.092	85	-1.15	
LC0006	0.448	0.067	104	0.27	
LC0007	0.54	0.081	125	1.9	
LC0008	0.468	0.009	108	0.63	
LC0009	0.513	0.11	119	1.42	
LC0010	0.411	0.082	95	-0.39	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.387	0.077	89.4	-0.81	
LC0014	-	-	-	-	
LC0015	0.4027	0.1089	93	-0.54	
LC0016	0.478	0.096	110	0.8	
LC0017	-	-	-	-	
LC0018	0.375	0.056	86.6	-1.03	
LC0019	0.36	0.07	83.2	-1.29	
LC0020	-	-	-	-	
LC0021	0.434	0.01	100	0.02	

#### Characteristics of parameter

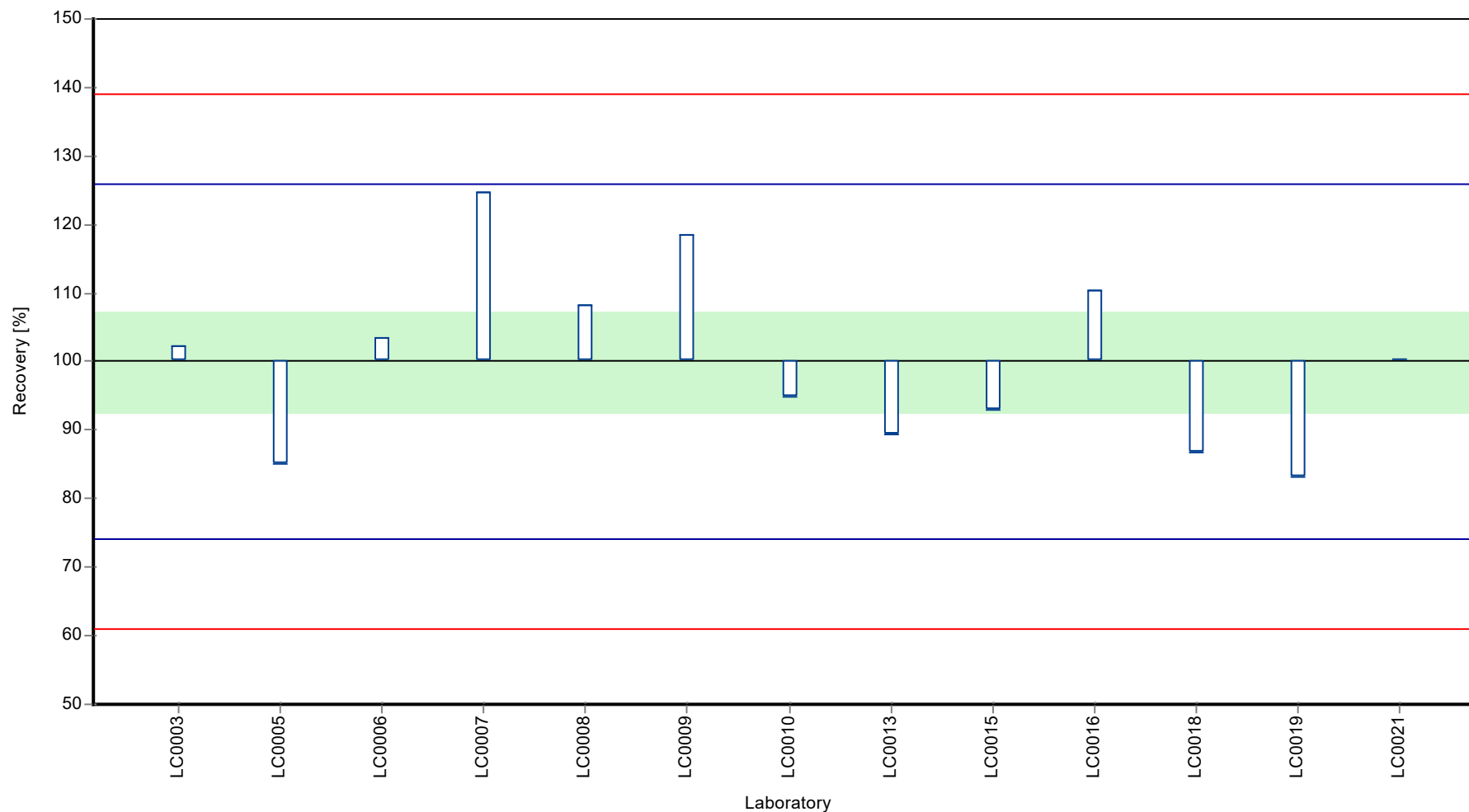
	all results	without outliers	Unit
Mean ± CI (99%)	0.433 ± 0.0467	0.433 ± 0.0467	µg/l
Minimum	0.36	0.36	µg/l
Maximum	0.54	0.54	µg/l
Standard deviation	0.0562	0.0562	µg/l
rel. standard deviation	13	13	%
n	13	13	-

Graphical presentation of results

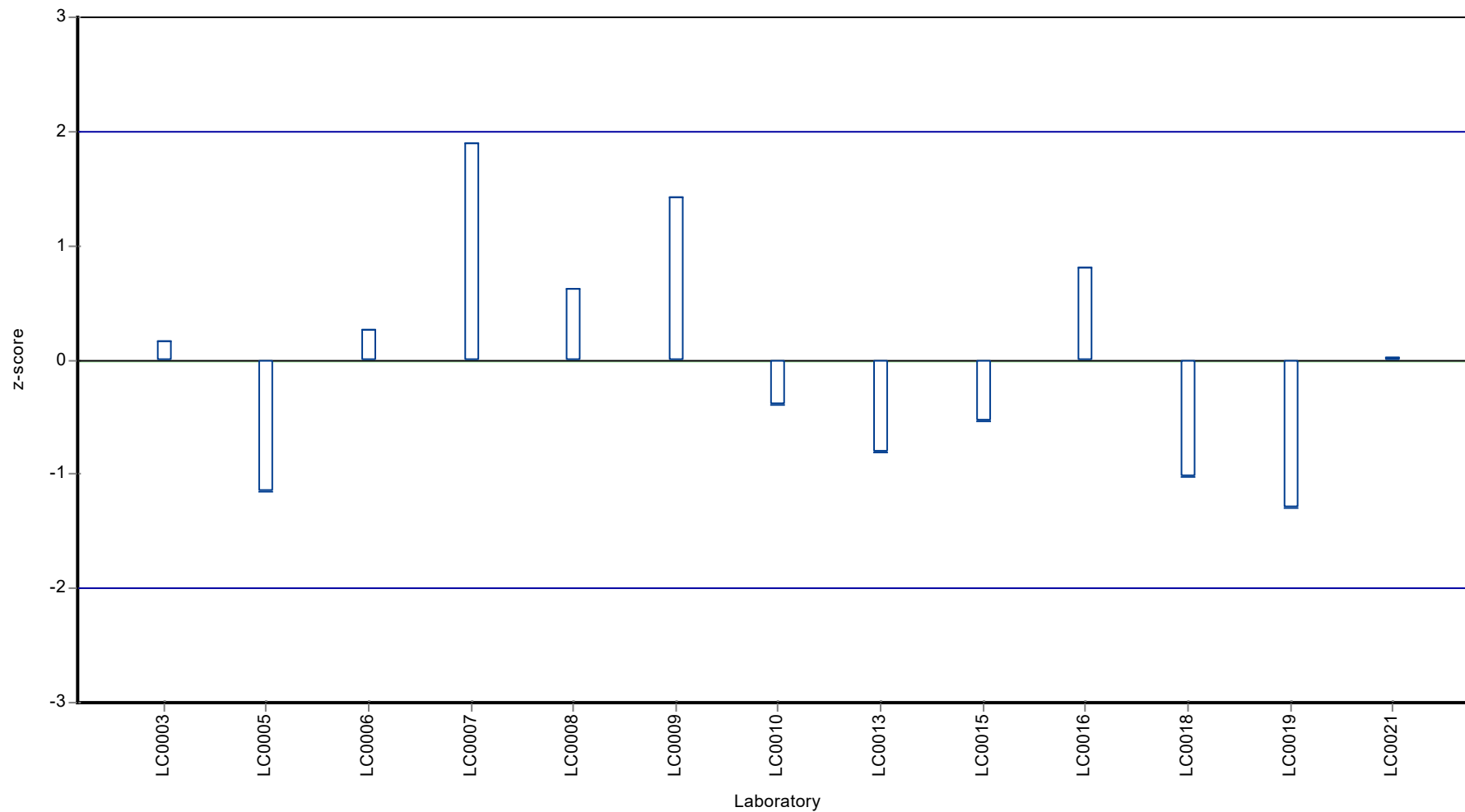
Results



**Recovery rate**



**Z-score**



## Parameter oriented report

### H106 B

#### Propazine

Unit	µg/l
Assigned value ± U (k=2)	0.237 ± 0.0166
Criterion	0.0308 (13 %)
Minimum - Maximum	0.194 - 0.302
Control test value ± U (k=2)	0.204 ± 0.0306

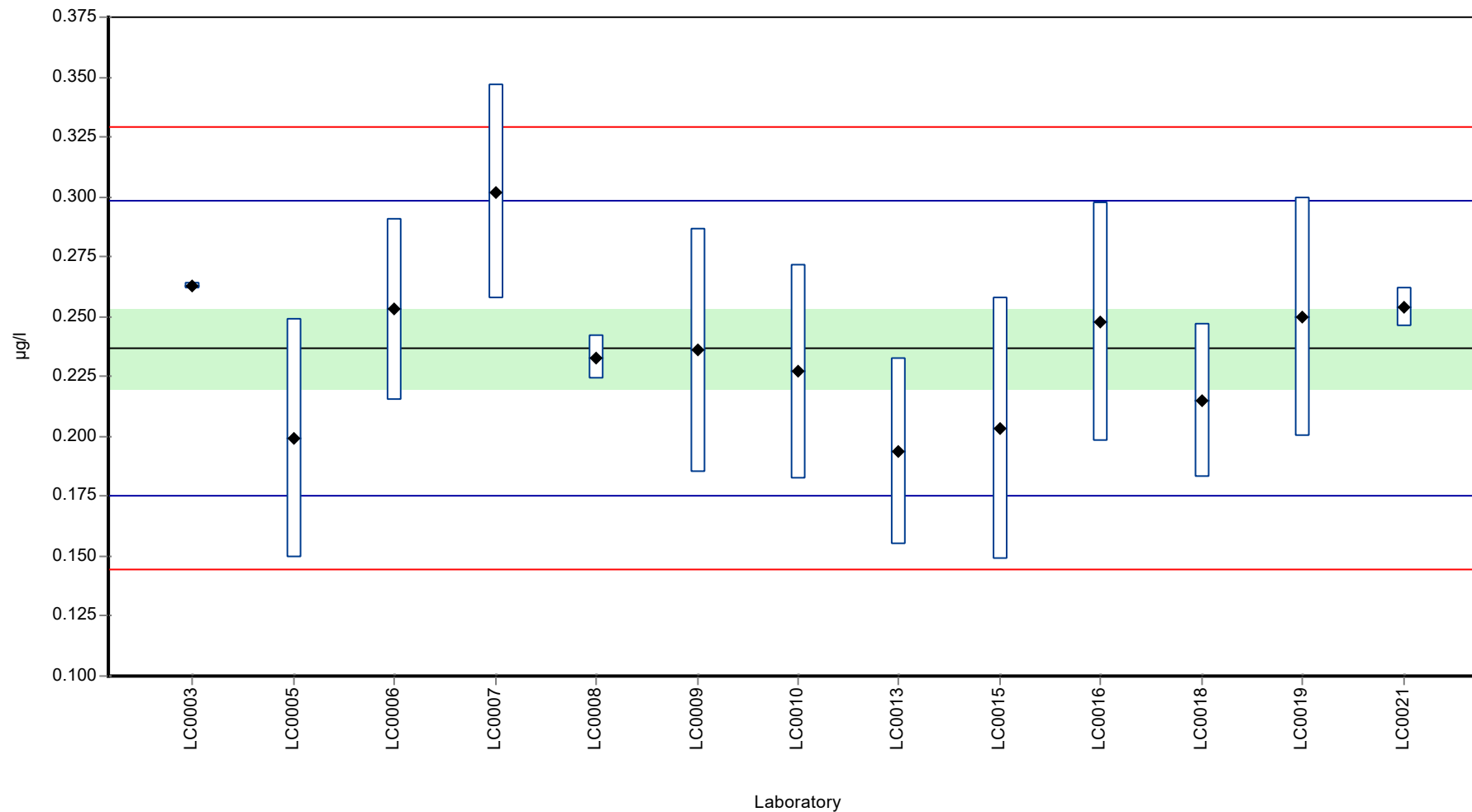
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.2628	0.0013	111	0.85	
LC0004	-	-	-	-	
LC0005	0.199	0.05	84.1	-1.23	
LC0006	0.253	0.038	107	0.53	
LC0007	0.302	0.045	128	2.12	
LC0008	0.233	0.009	98.4	-0.12	
LC0009	0.236	0.051	99.7	-0.02	
LC0010	0.227	0.045	95.9	-0.32	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.194	0.039	82	-1.39	
LC0014	-	-	-	-	
LC0015	0.2033	0.055	85.9	-1.09	
LC0016	0.248	0.05	105	0.37	
LC0017	-	-	-	-	
LC0018	0.215	0.032	90.8	-0.7	
LC0019	0.25	0.05	106	0.43	
LC0020	-	-	-	-	
LC0021	0.254	0.008	107	0.56	

#### Characteristics of parameter

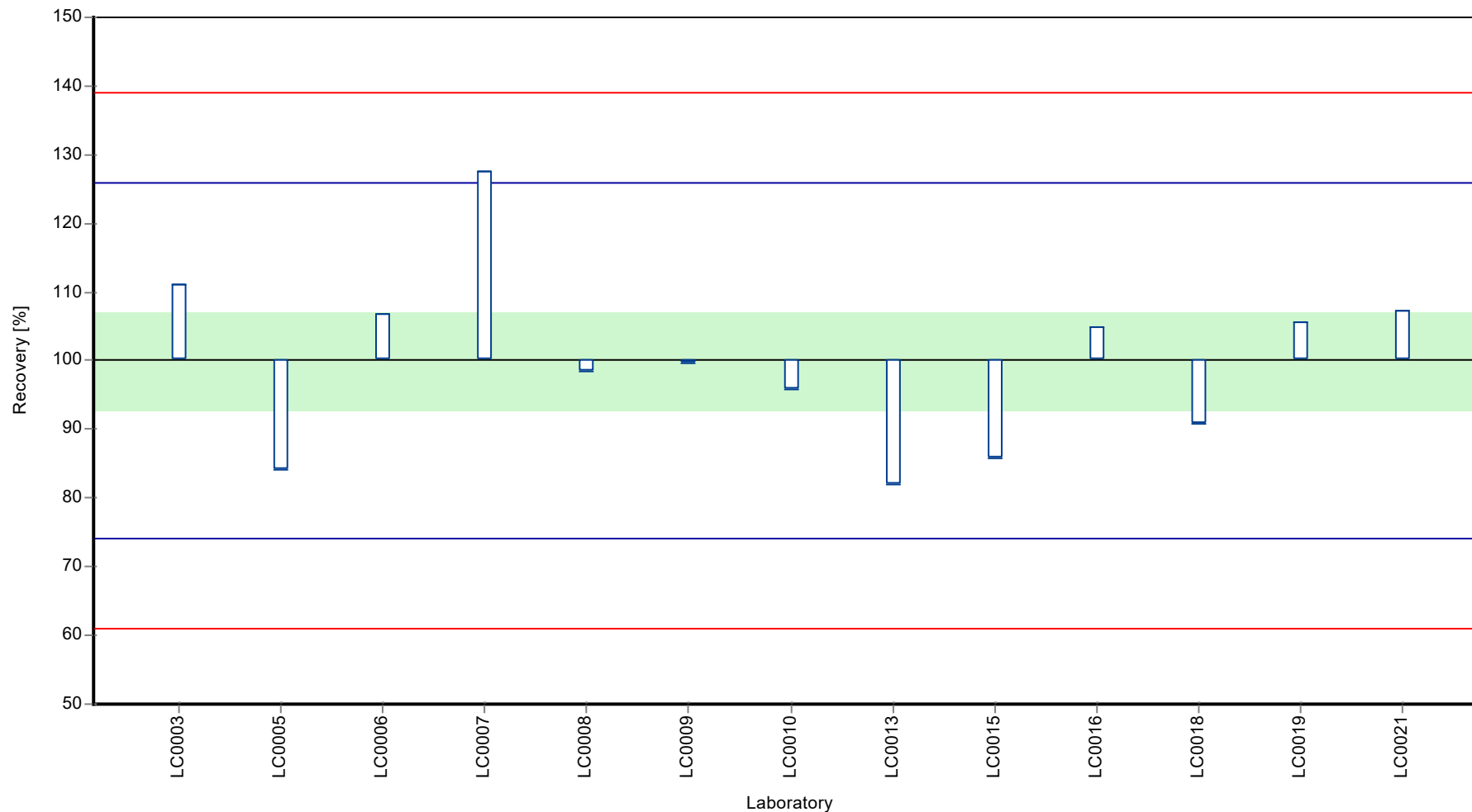
	all results	without outliers	Unit
Mean ± CI (99%)	0.237 ± 0.0249	0.237 ± 0.0249	µg/l
Minimum	0.194	0.194	µg/l
Maximum	0.302	0.302	µg/l
Standard deviation	0.0299	0.0299	µg/l
rel. standard deviation	12.6	12.6	%
n	13	13	-

Graphical presentation of results

Results

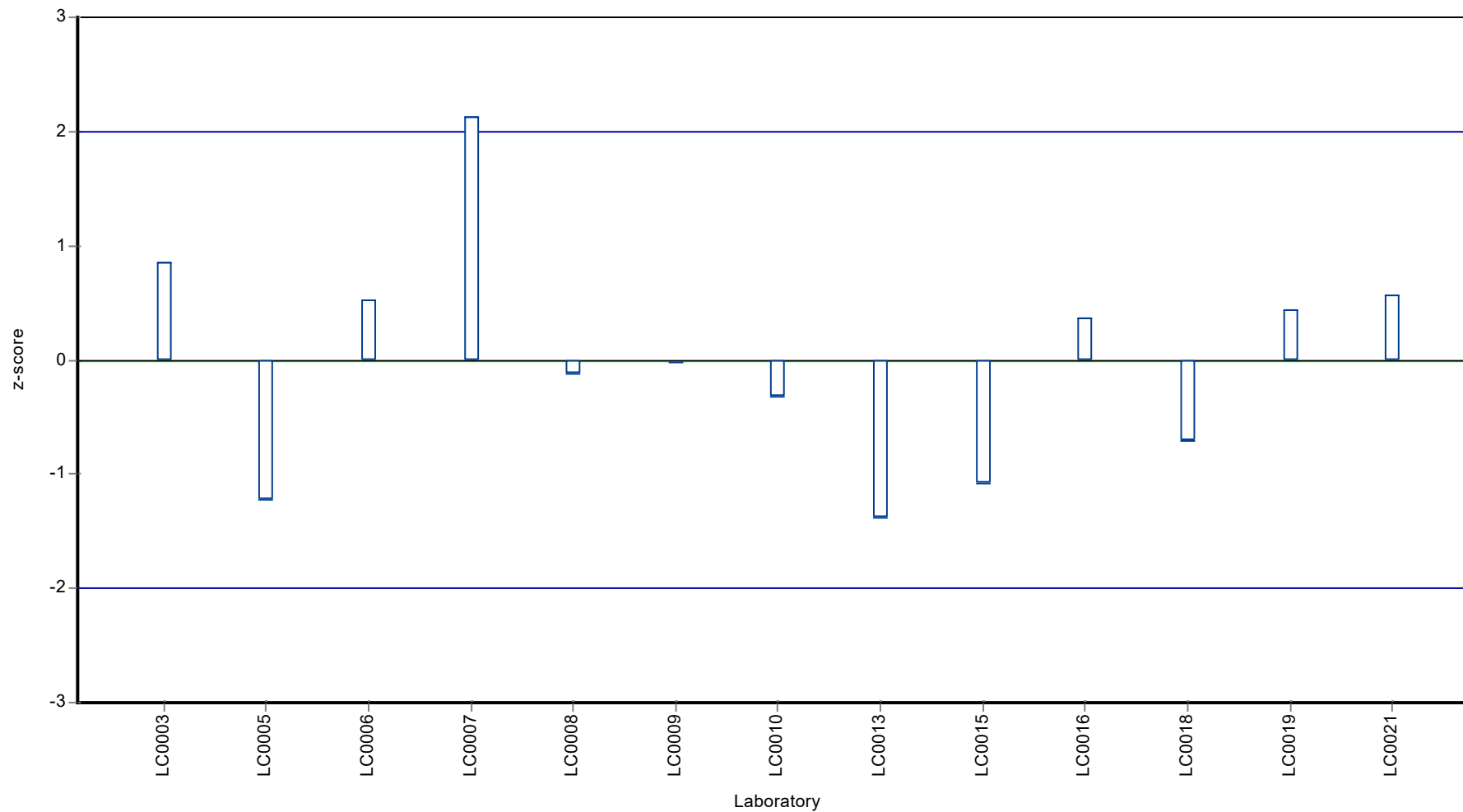


**Recovery rate**





**Z-score**



## Parameter oriented report

### H106 A

#### Sebuthylazine

Unit	µg/l
Assigned value ± U (k=2)	0.26 ± 0.0167
Criterion	0.0242 (9.3 %)
Minimum - Maximum	0.216 - 0.31
Control test value ± U (k=2)	0.231 ± 0.0346

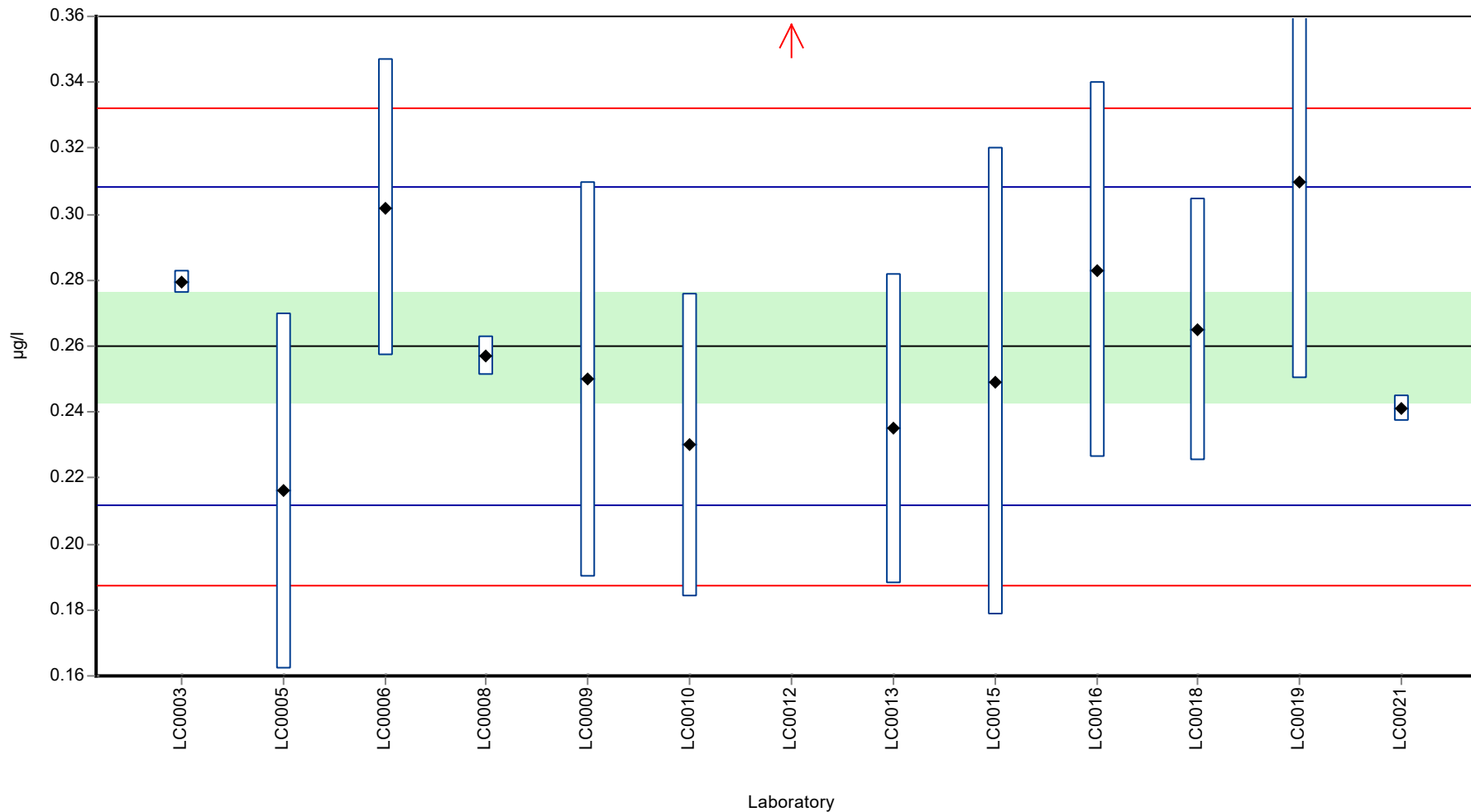
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.2795	0.0036	108	0.81	
LC0004	-	-	-	-	
LC0005	0.216	0.054	83.1	-1.81	
LC0006	0.302	0.045	116	1.75	
LC0007	-	-	-	-	
LC0008	0.257	0.006	98.9	-0.12	
LC0009	0.25	0.06	96.2	-0.41	
LC0010	0.23	0.046	88.5	-1.23	
LC0011	-	-	-	-	
LC0012	1.4	0.28	539	47.2	H
LC0013	0.235	0.047	90.4	-1.03	
LC0014	-	-	-	-	
LC0015	0.2493	0.0708	96	-0.43	
LC0016	0.283	0.057	109	0.96	
LC0017	-	-	-	-	
LC0018	0.265	0.04	102	0.21	
LC0019	0.31	0.06	119	2.08	
LC0020	-	-	-	-	
LC0021	0.241	0.004	92.8	-0.78	

#### Characteristics of parameter

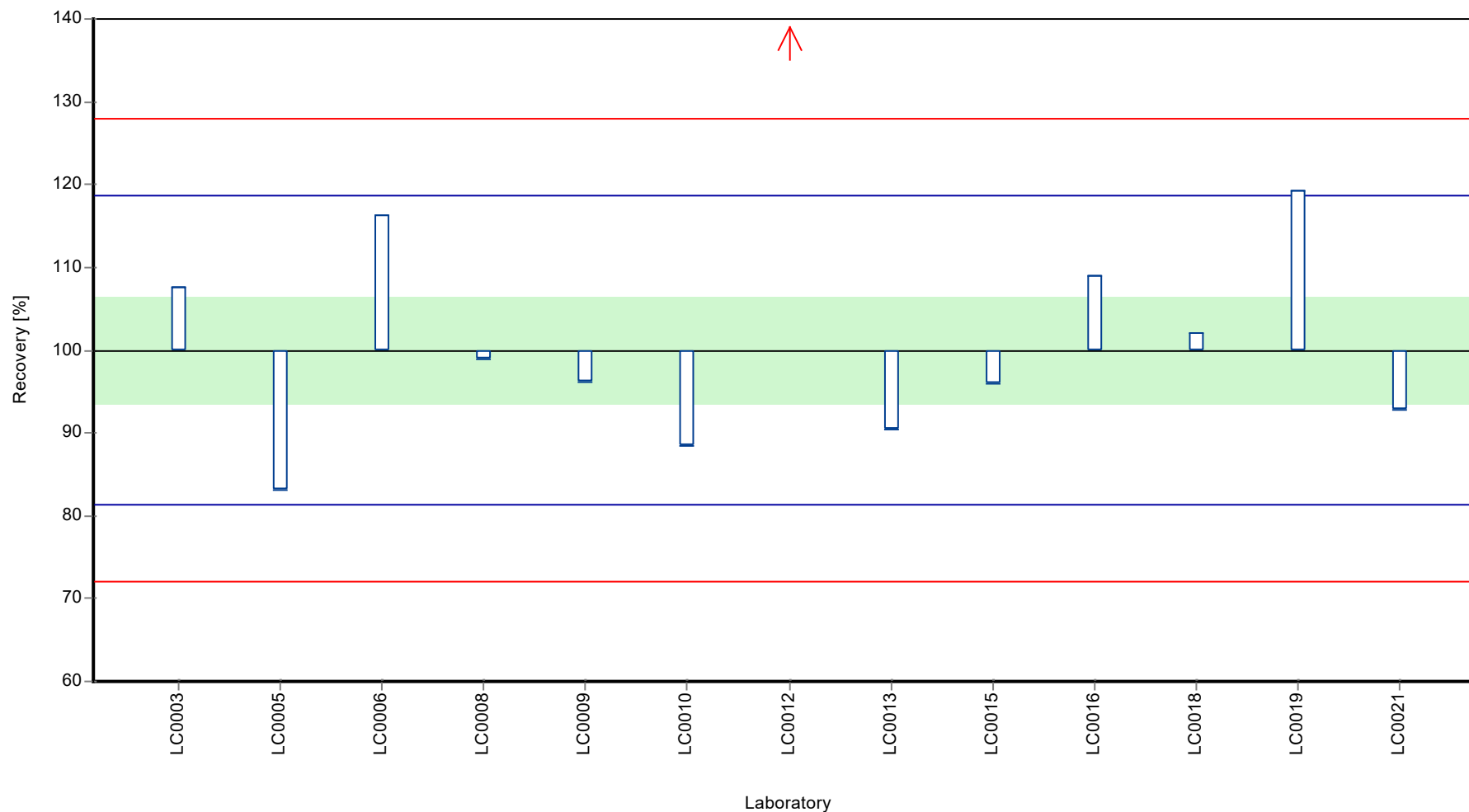
	all results	without outliers	Unit
Mean ± CI (99%)	0.348 ± 0.264	0.26 ± 0.0251	µg/l
Minimum	0.216	0.216	µg/l
Maximum	1.4	0.31	µg/l
Standard deviation	0.317	0.029	µg/l
rel. standard deviation	91.3	11.2 %	
n	13	12	-

Graphical presentation of results

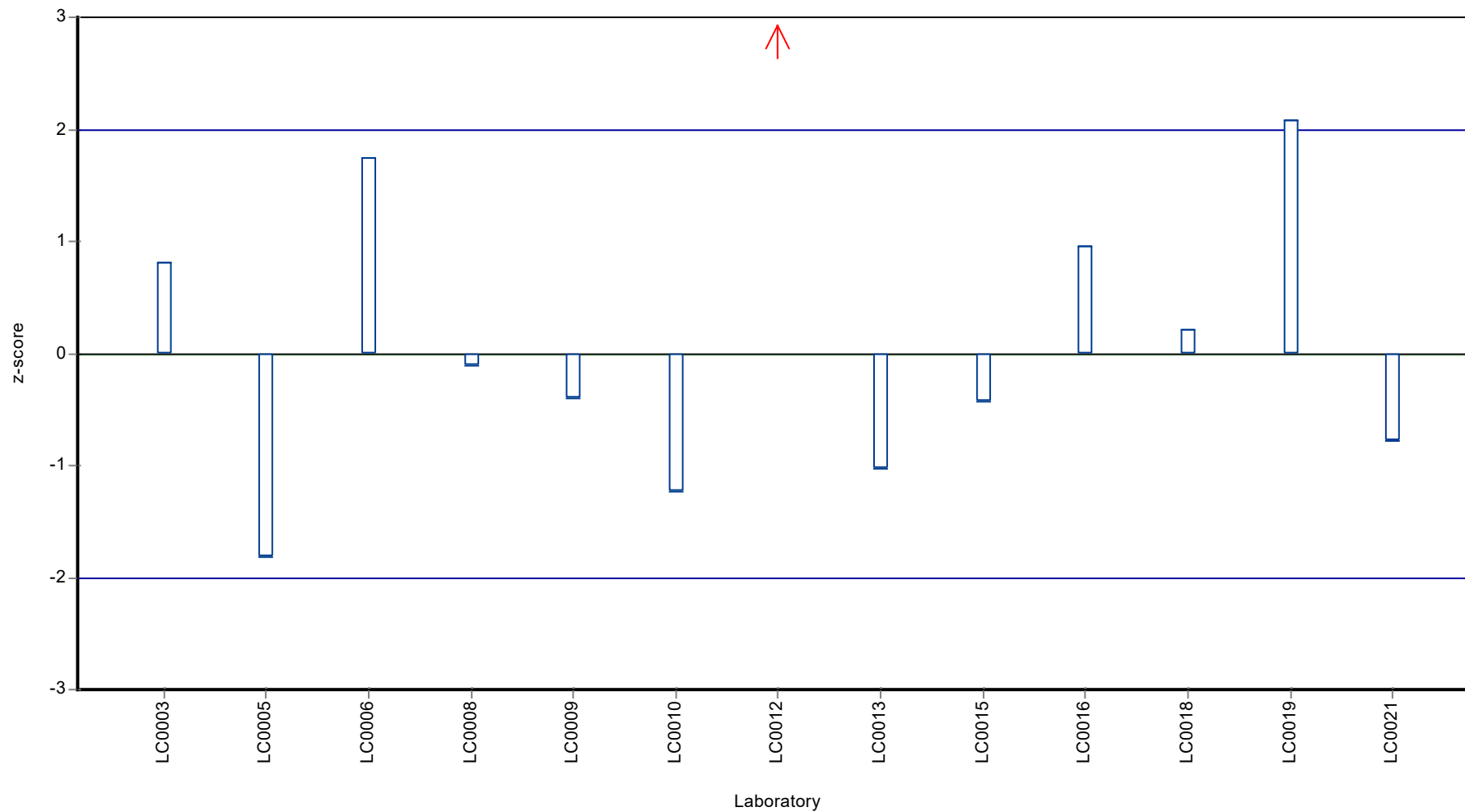
Results



Recovery rate



**Z-score**



## Parameter oriented report

### H106 B

#### Sebuthylazine

Unit	µg/l
Assigned value ± U (k=2)	0.431 ± 0.0318
Criterion	0.0401 (9.3 %)
Minimum - Maximum	0.334 - 0.534
Control test value ± U (k=2)	0.383 ± 0.0575

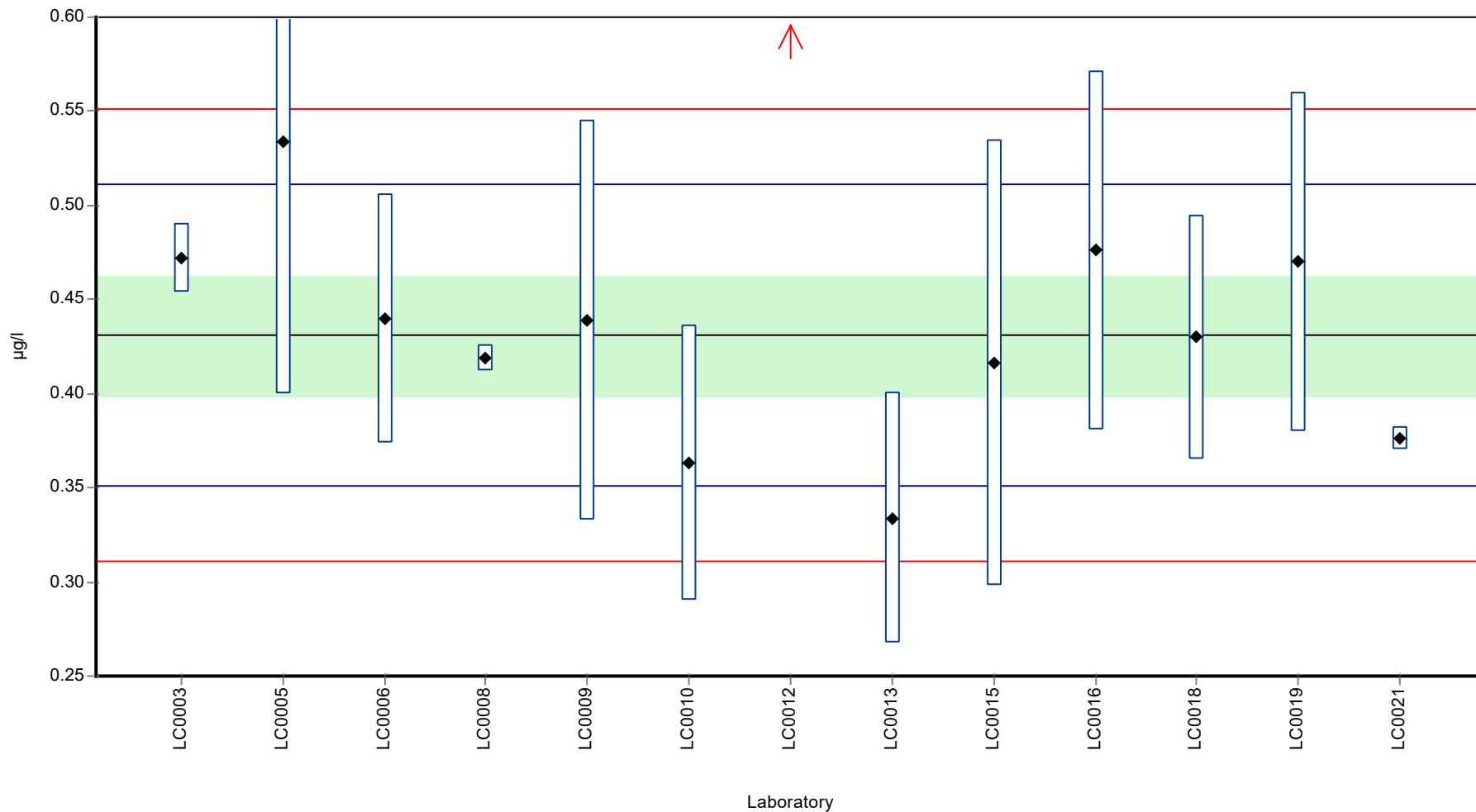
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.4722	0.0182	110	1.03	
LC0004	-	-	-	-	
LC0005	0.534	0.134	124	2.58	
LC0006	0.44	0.066	102	0.23	
LC0007	-	-	-	-	
LC0008	0.419	0.007	97.3	-0.29	
LC0009	0.439	0.106	102	0.2	
LC0010	0.363	0.073	84.3	-1.69	
LC0011	-	-	-	-	
LC0012	2.67	0.534	620	55.9	H
LC0013	0.334	0.067	77.5	-2.42	
LC0014	-	-	-	-	
LC0015	0.4164	0.1182	96.7	-0.36	
LC0016	0.476	0.095	110	1.13	
LC0017	-	-	-	-	
LC0018	0.43	0.065	99.8	-0.02	
LC0019	0.47	0.09	109	0.98	
LC0020	-	-	-	-	
LC0021	0.376	0.006	87.3	-1.37	

#### Characteristics of parameter

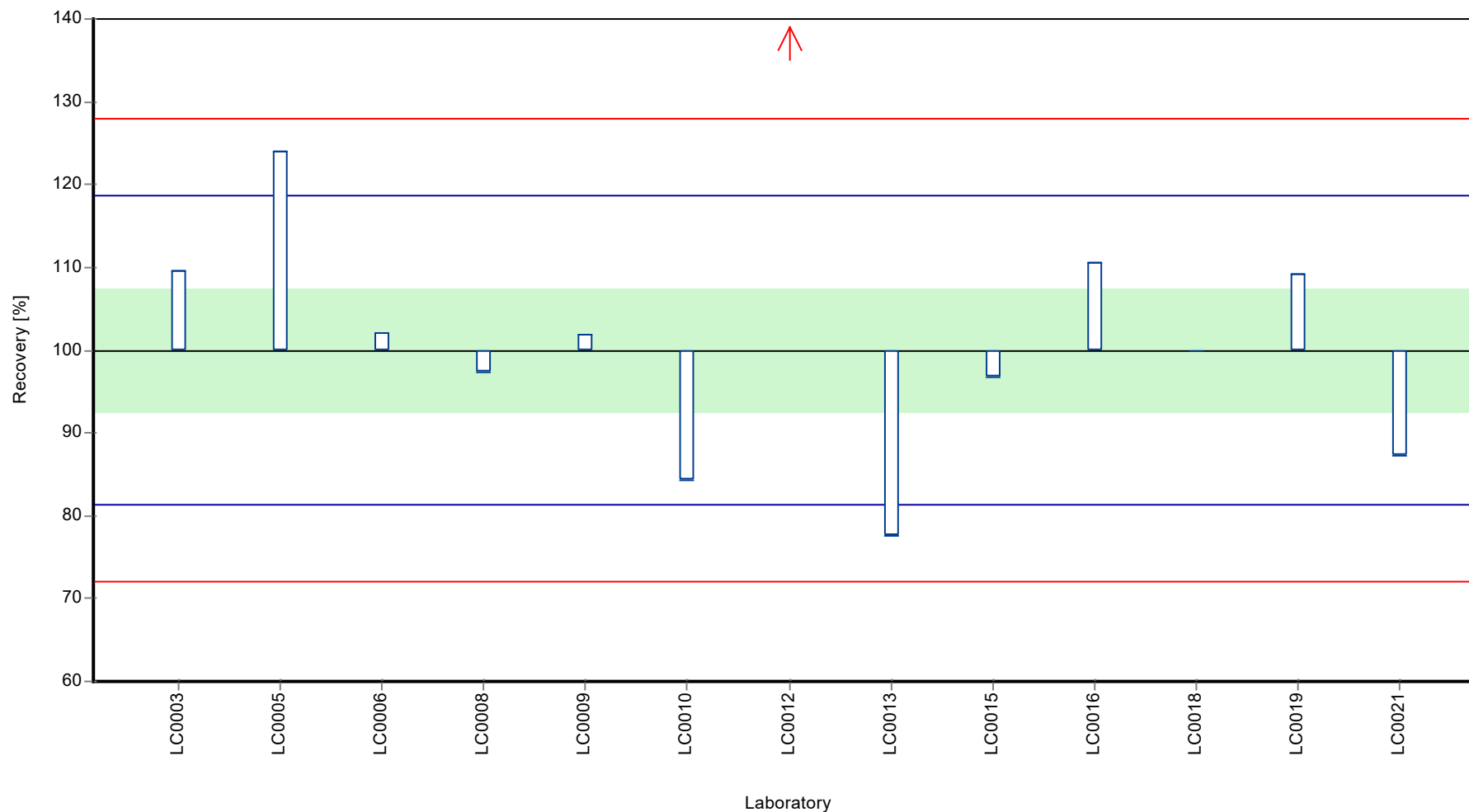
	all results	without outliers	Unit
Mean ± CI (99%)	0.603 ± 0.519	0.431 ± 0.0477	µg/l
Minimum	0.334	0.334	µg/l
Maximum	2.67	0.534	µg/l
Standard deviation	0.623	0.0551	µg/l
rel. standard deviation	103	12.8 %	
n	13	12	-

Graphical presentation of results

Results

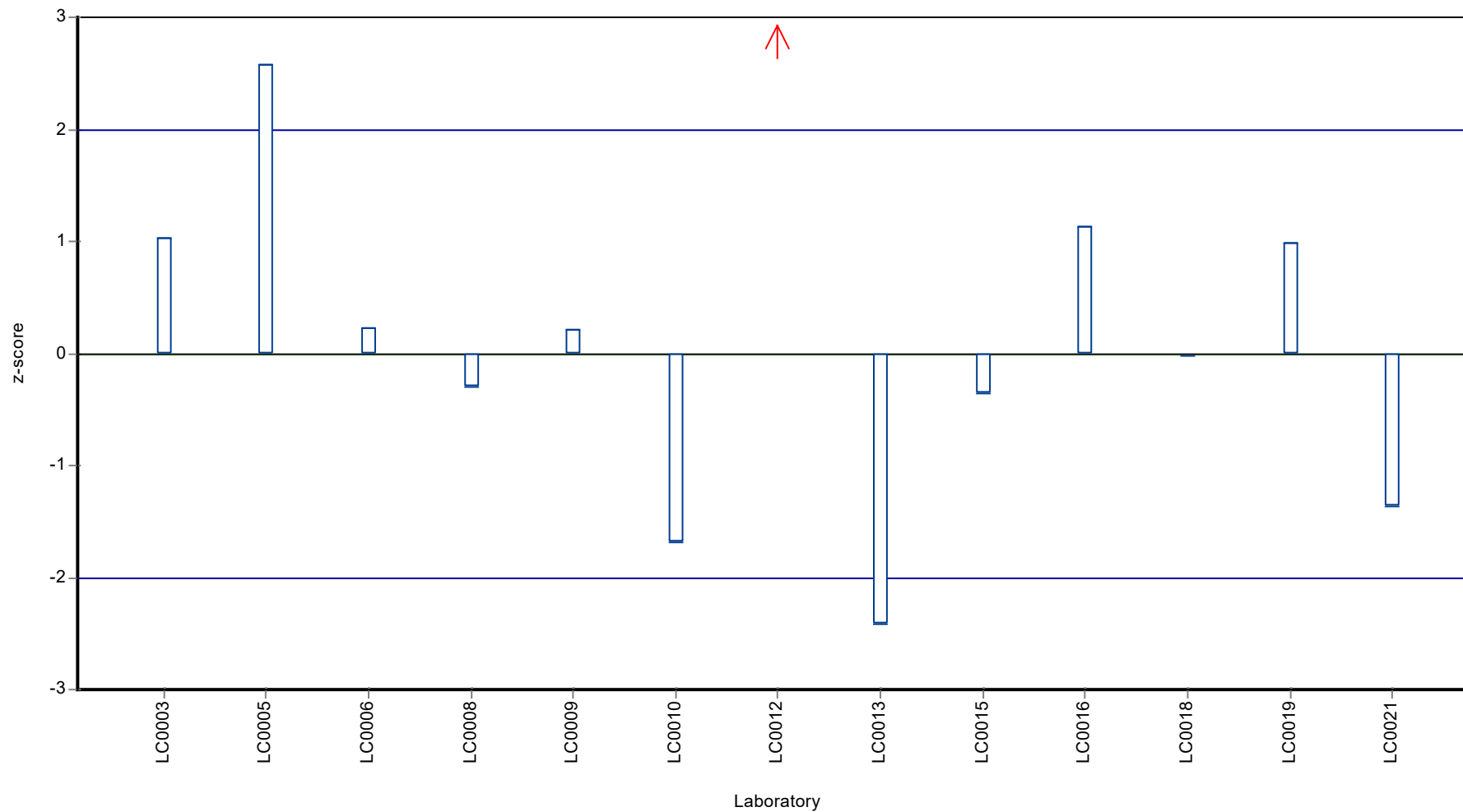


Recovery rate





Z-score



## Parameter oriented report

### H106 A

#### Simazine

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.0012 - 0.032
Control test value ± U (k=2)	<0.025 (NG)

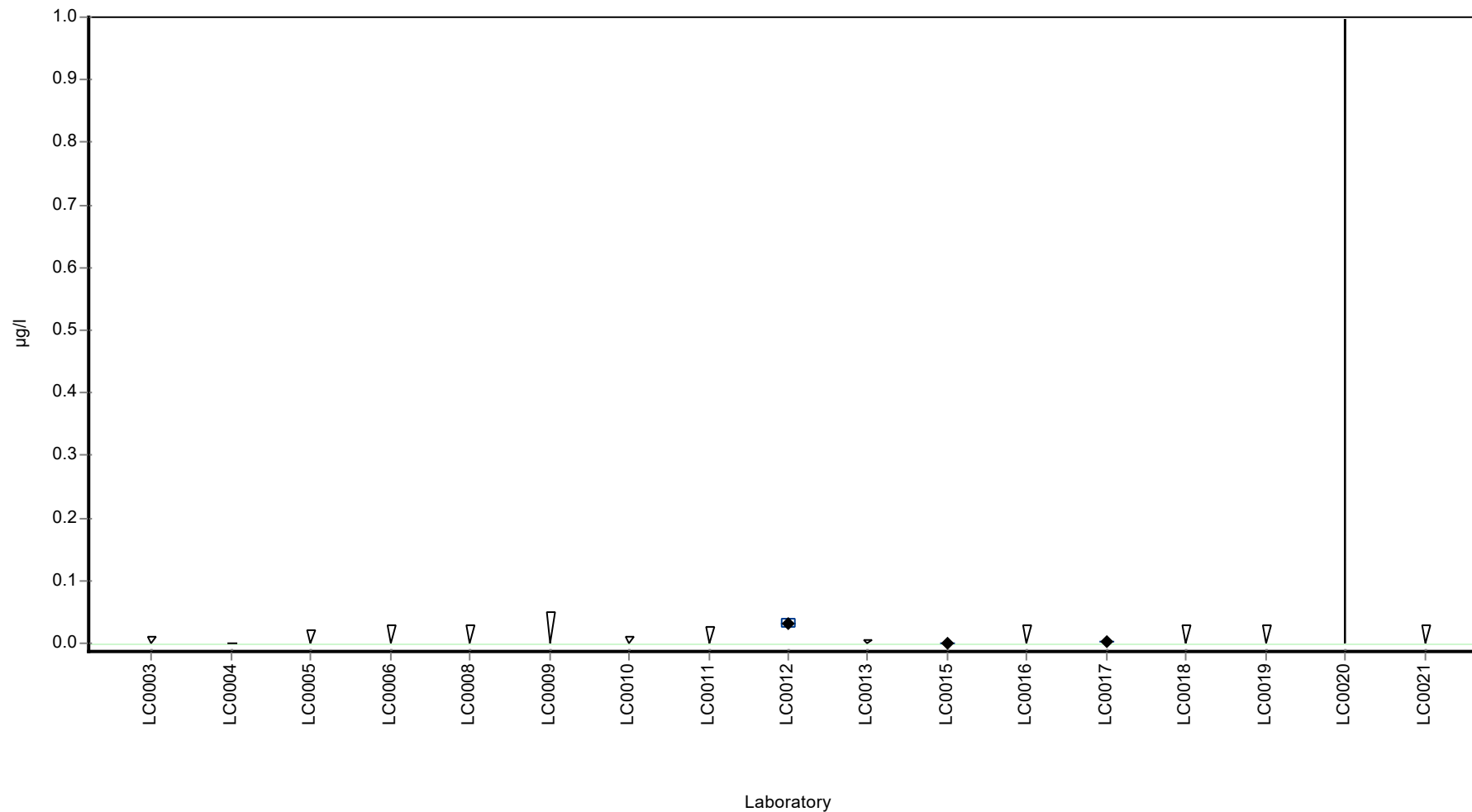
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.01 (LOQ)	-	-	-	
LC0004	<0.0005 (LOD)	-	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	< 0.03 (LOQ)	-	-	-	
LC0007	-	-	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	<0.05 (LOD)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.025 (LOQ)	-	-	-	
LC0012	0.032	0.008	-	-	
LC0013	< 0.005 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	0.0012	0.0003	-	-	
LC0016	< 0.03 (LOQ)	-	-	-	
LC0017	0.0021	0.0003	-	-	
LC0018	< 0.03 (LOQ)	-	-	-	
LC0019	< 0.03 (LOQ)	-	-	-	
LC0020	< 10 (LOQ)	-	-	-	
LC0021	< 0.03 (LOQ)	-	-	-	

#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0118 ± 0.0304	-	µg/l
Minimum	0.0012	0.0012	µg/l
Maximum	0.032	0.032	µg/l
Standard deviation	0.0175	-	µg/l
rel. standard deviation	149	-	%
n	3	3	-

Graphical presentation of results

Results



## Parameter oriented report

### H106 B

#### Simazine

Unit	µg/l
Assigned value ± U (k=2)	0.115 ± 0.00822
Criterion	0.0126 (11 %)
Minimum - Maximum	0.081 - 0.145
Control test value ± U (k=2)	0.1 ± 0.0151

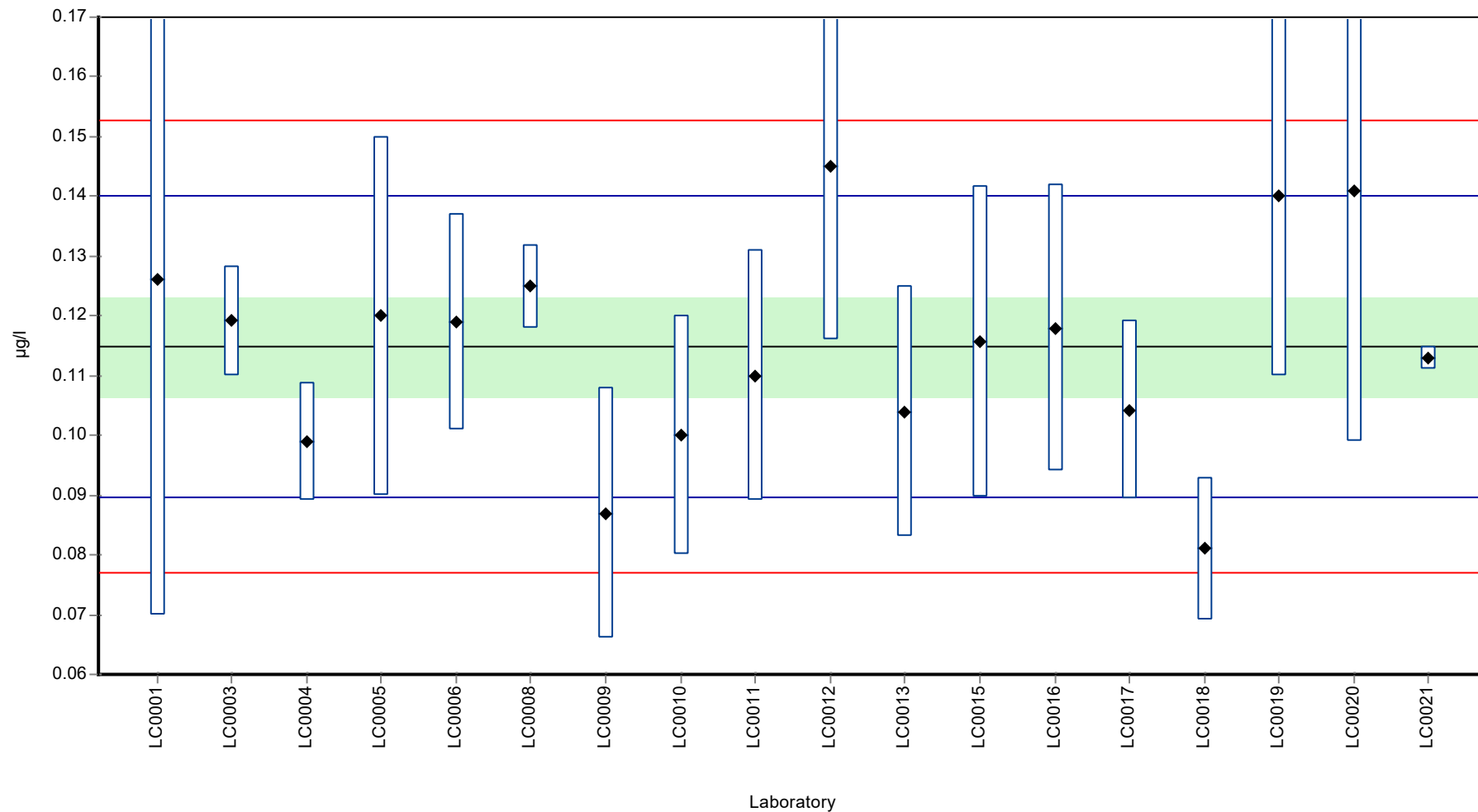
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.126	0.056	110	0.88	
LC0002	-	-	-	-	
LC0003	0.1192	0.0092	104	0.34	
LC0004	0.099	0.0099	86.2	-1.25	
LC0005	0.12	0.03	104	0.41	
LC0006	0.119	0.018	104	0.33	
LC0007	-	-	-	-	
LC0008	0.125	0.007	109	0.81	
LC0009	0.087	0.021	75.8	-2.2	
LC0010	0.1	0.02	87.1	-1.17	
LC0011	0.11	0.021	95.8	-0.38	
LC0012	0.145	0.029	126	2.39	
LC0013	0.104	0.021	90.6	-0.86	
LC0014	-	-	-	-	
LC0015	0.1156	0.0261	101	0.06	
LC0016	0.118	0.024	103	0.25	
LC0017	0.1043	0.015	90.8	-0.83	
LC0018	0.081	0.012	70.5	-2.68	
LC0019	0.14	0.03	122	1.99	
LC0020	0.141	0.042	123	2.07	
LC0021	0.113	0.002	98.4	-0.15	

#### Characteristics of parameter

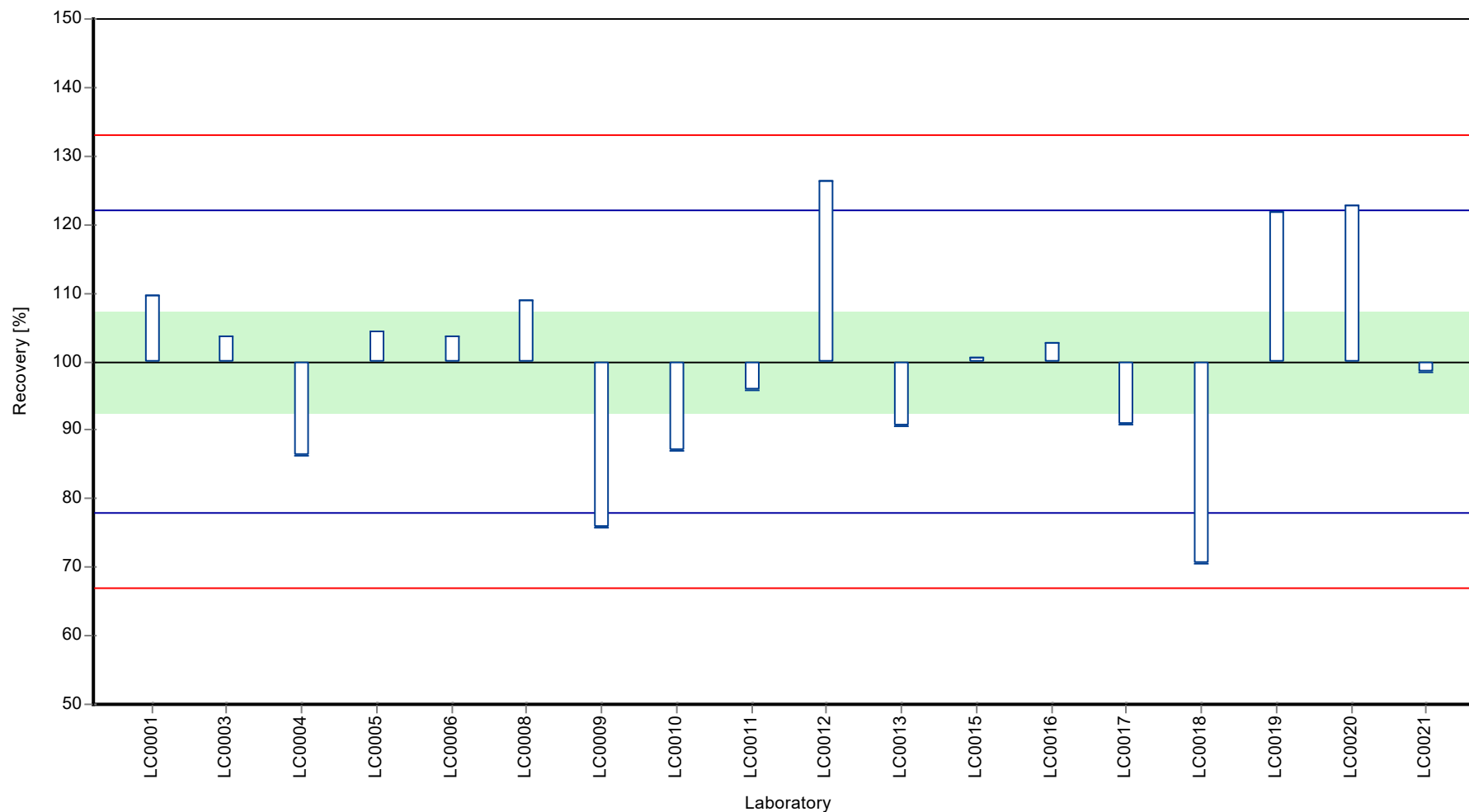
	all results	without outliers	Unit
Mean ± CI (99%)	0.115 ± 0.0123	0.115 ± 0.0123	µg/l
Minimum	0.081	0.081	µg/l
Maximum	0.145	0.145	µg/l
Standard deviation	0.0174	0.0174	µg/l
rel. standard deviation	15.2	15.2	%
n	18	18	-

Graphical presentation of results

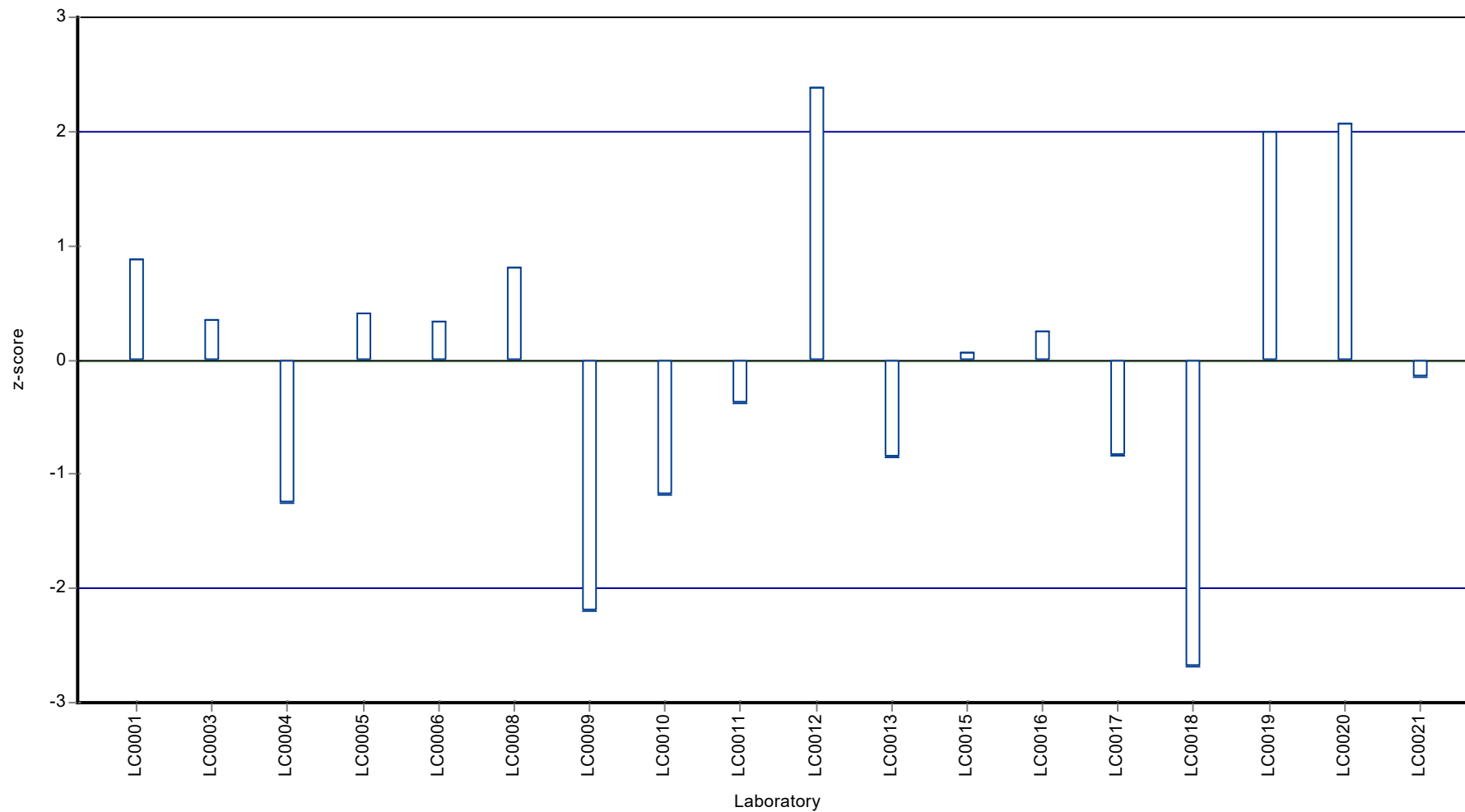
Results



Recovery rate



Z-score



## Parameter oriented report

### H106 A

#### Terbutylazine

Unit	µg/l
Assigned value ± U (k=2)	0.169 ± 0.00599
Criterion	0.0186 (11 %)
Minimum - Maximum	0.145 - 0.19
Control test value ± U (k=2)	0.166 ± 0.0249

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.19	0.084	112	1.1	
LC0002	-	-	-	-	
LC0003	0.1875	0.0028	111	0.97	
LC0004	0.152	0.015	89.7	-0.94	
LC0005	0.168	0.042	99.1	-0.08	
LC0006	0.173	0.026	102	0.19	
LC0007	0.145	0.02	85.6	-1.31	
LC0008	0.179	0.006	106	0.51	
LC0009	0.172	0.042	101	0.14	
LC0010	0.156	0.031	92.1	-0.72	
LC0011	0.165	0.031	97.4	-0.24	
LC0012	0.17	0.034	100	0.03	
LC0013	0.147	0.029	86.7	-1.2	
LC0014	0.19	0.03	112	1.1	
LC0015	0.1703	0.0541	100	0.05	
LC0016	0.179	0.036	106	0.51	
LC0017	0.1664	0.012	98.2	-0.16	
LC0018	0.16	0.024	94.4	-0.51	
LC0019	0.16	0.03	94.4	-0.51	
LC0020	0.184	0.053	109	0.78	
LC0021	0.175	0.004	103	0.3	

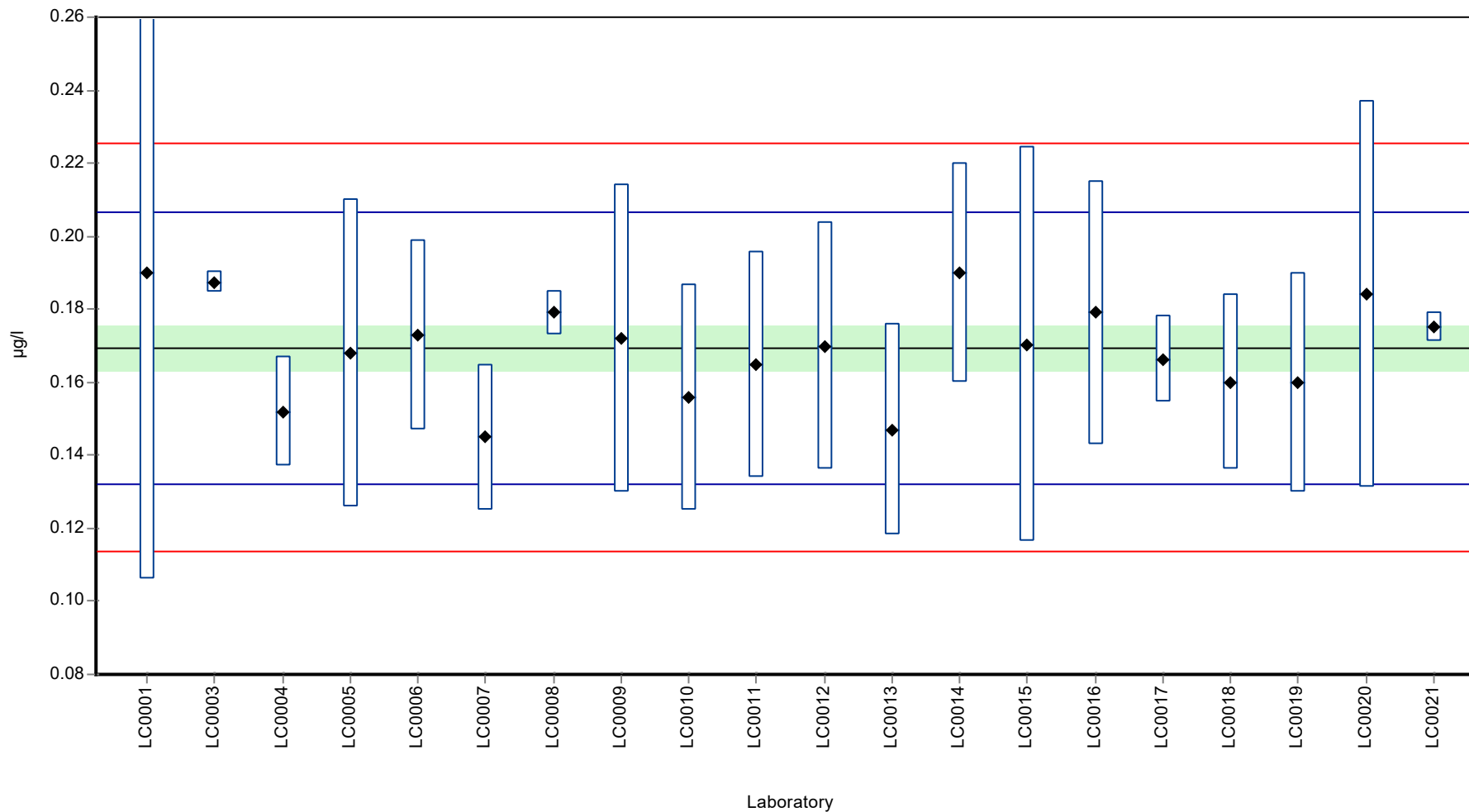
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.169 ± 0.00899	0.169 ± 0.00899	µg/l
Minimum	0.145	0.145	µg/l
Maximum	0.19	0.19	µg/l
Standard deviation	0.0134	0.0134	µg/l
rel. standard deviation	7.91	7.91	%
n	20	20	-

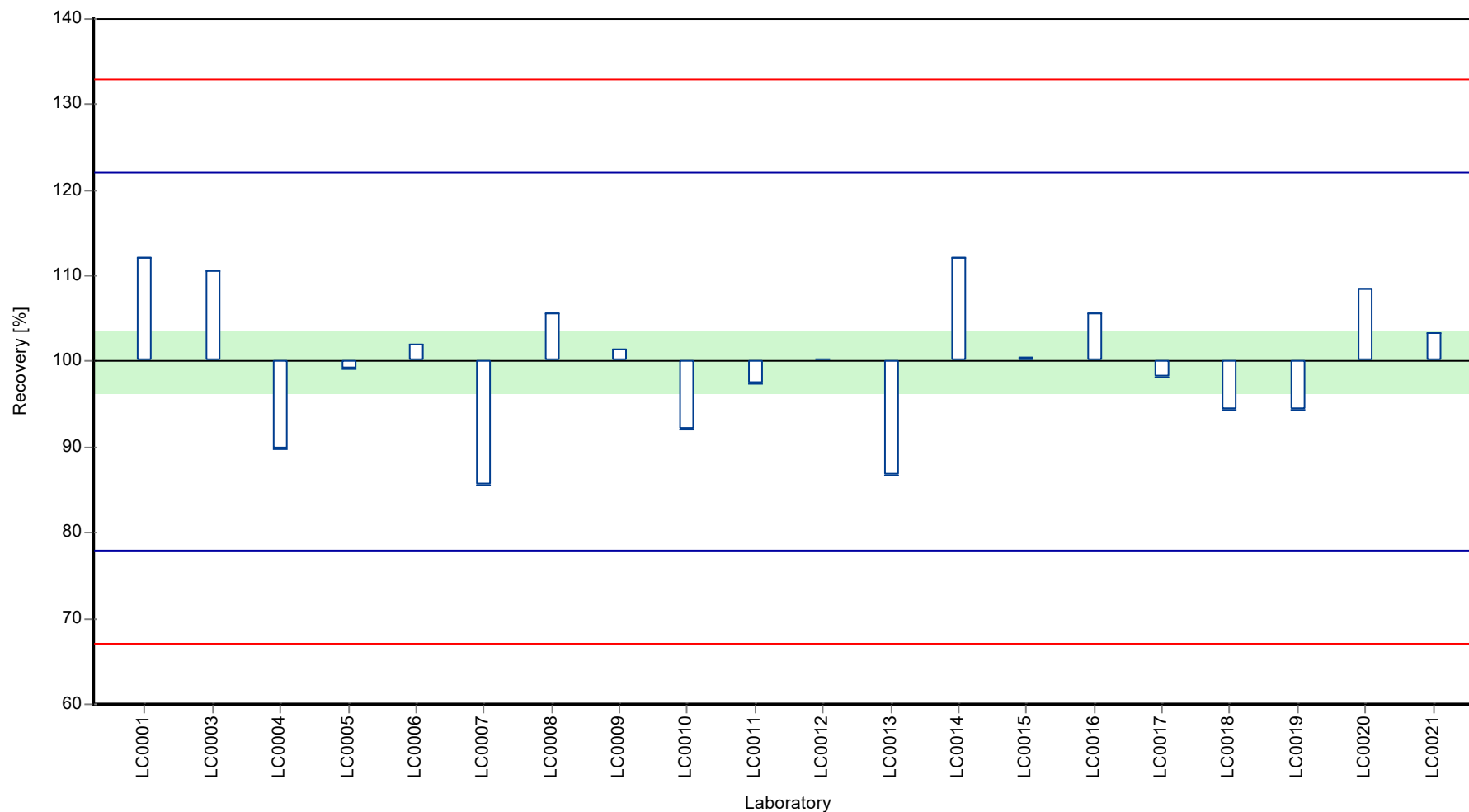


Graphical presentation of results

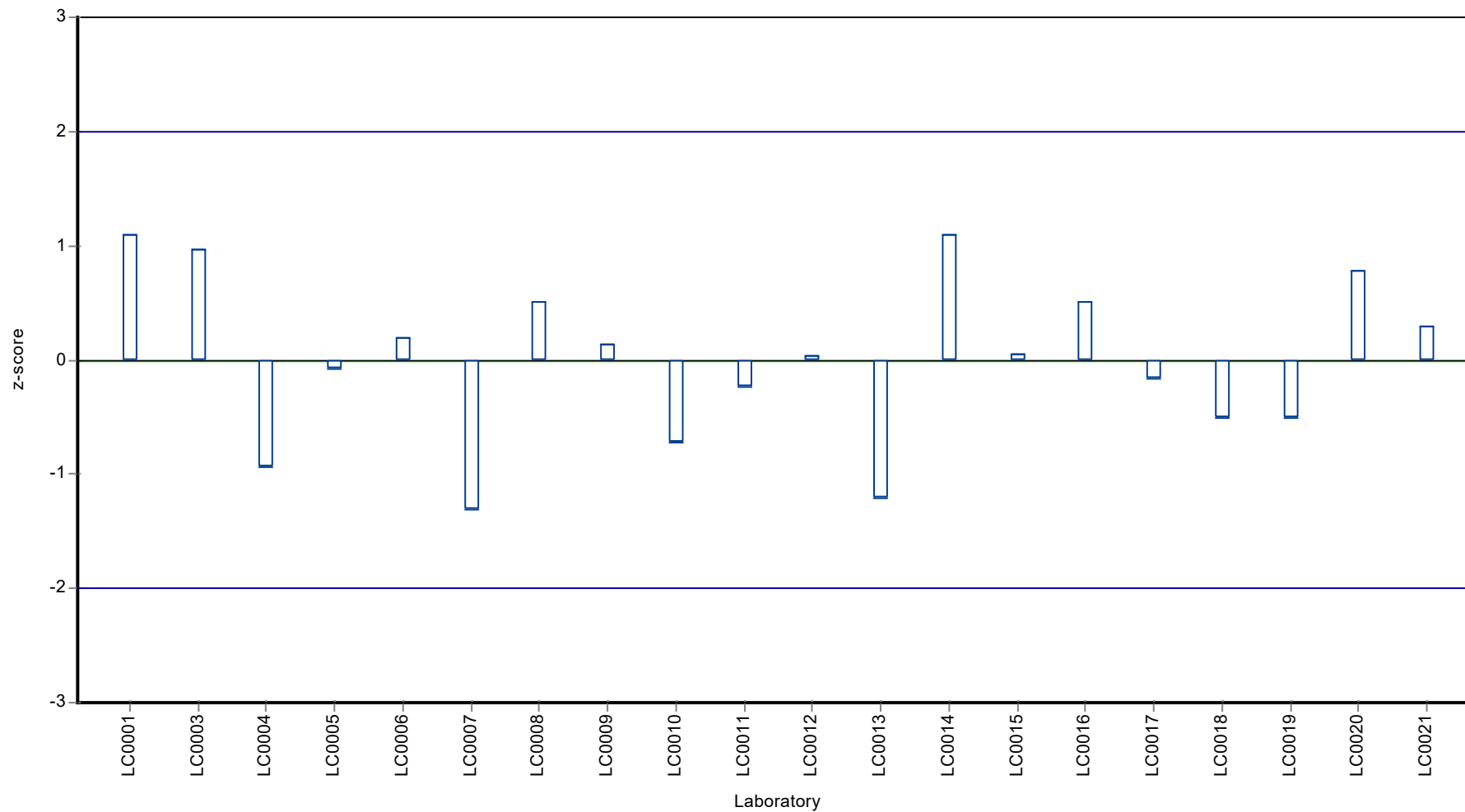
Results



**Recovery rate**



**Z-score**



## Parameter oriented report

### H106 B

#### Terbutylazine

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.005 - 0.26
Control test value ± U (k=2)	<0.025 (NG)

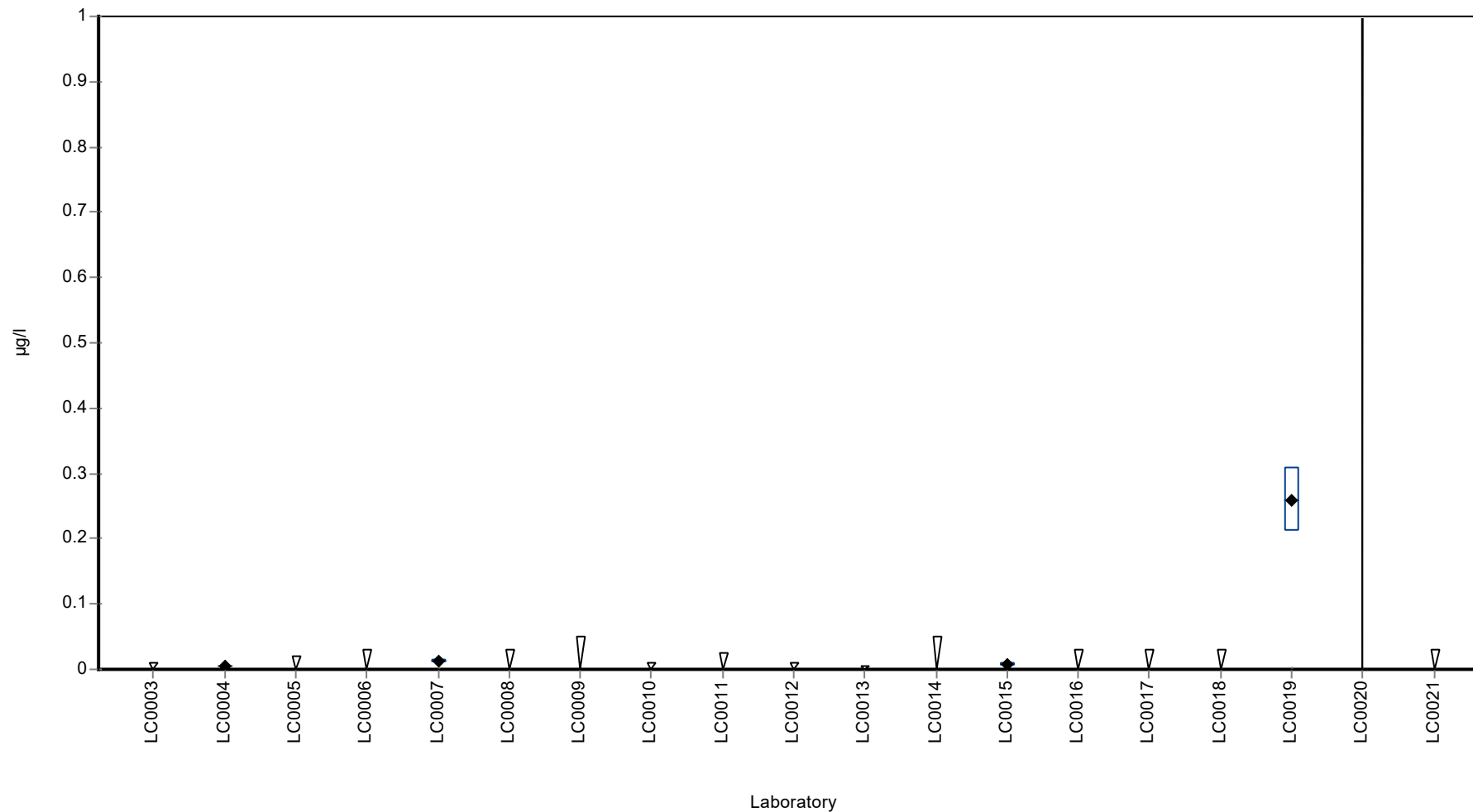
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.01 (LOQ)	-	-	-	
LC0004	0.005	0.0005	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	< 0.03 (LOQ)	-	-	-	
LC0007	0.013	0.002	-	-	
LC0008	< 0.03 (LOQ)	-	-	-	
LC0009	<0.05 (LOD)	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.025 (LOQ)	-	-	-	
LC0012	< 0.01 (LOQ)	-	-	-	
LC0013	< 0.005 (LOQ)	-	-	-	
LC0014	< 0.05 (LOQ)	-	-	-	
LC0015	0.0079	0.0025	-	-	
LC0016	< 0.03 (LOQ)	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	
LC0018	< 0.03 (LOQ)	-	-	-	
LC0019	0.26	0.05	-	-	FP
LC0020	< 10 (LOQ)	-	-	-	
LC0021	< 0.03 (LOQ)	-	-	-	

#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0715 ± 0.189	-	µg/l
Minimum	0.005	0.005	µg/l
Maximum	0.26	0.26	µg/l
Standard deviation	0.126	-	µg/l
rel. standard deviation	176	-	%
n	4	4	-

Graphical presentation of results

Results



## Parameter oriented report

### H106 A

#### Terbutylazine-desethyl

Unit	µg/l
Assigned value ± U (k=2)	0.699 ± 0.0447
Criterion	0.0769 (11 %)
Minimum - Maximum	0.519 - 0.849
Control test value ± U (k=2)	0.715 ± 0.107

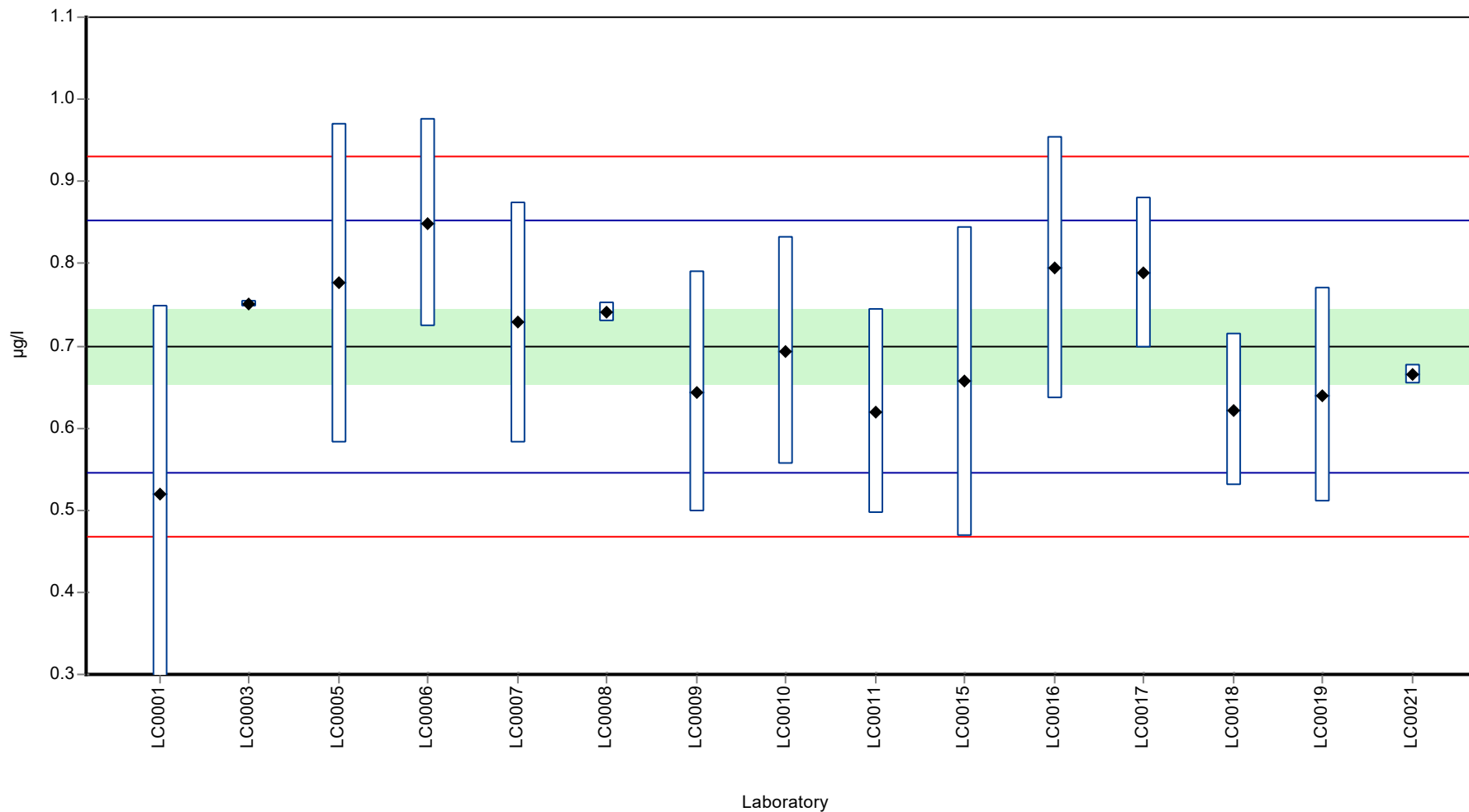
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.519	0.229	74.2	-2.34	
LC0002	-	-	-	-	
LC0003	0.7511	0.004	107	0.67	
LC0004	-	-	-	-	
LC0005	0.776	0.194	111	1	
LC0006	0.849	0.127	121	1.95	
LC0007	0.728	0.146	104	0.37	
LC0008	0.741	0.012	106	0.54	
LC0009	0.644	0.146	92.1	-0.72	
LC0010	0.694	0.139	99.2	-0.07	
LC0011	0.62	0.125	88.7	-1.03	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.6565	0.188	93.9	-0.56	
LC0016	0.795	0.159	114	1.24	
LC0017	0.7888	0.092	113	1.16	
LC0018	0.622	0.093	88.9	-1.01	
LC0019	0.64	0.13	91.5	-0.77	
LC0020	-	-	-	-	
LC0021	0.666	0.012	95.2	-0.43	

#### Characteristics of parameter

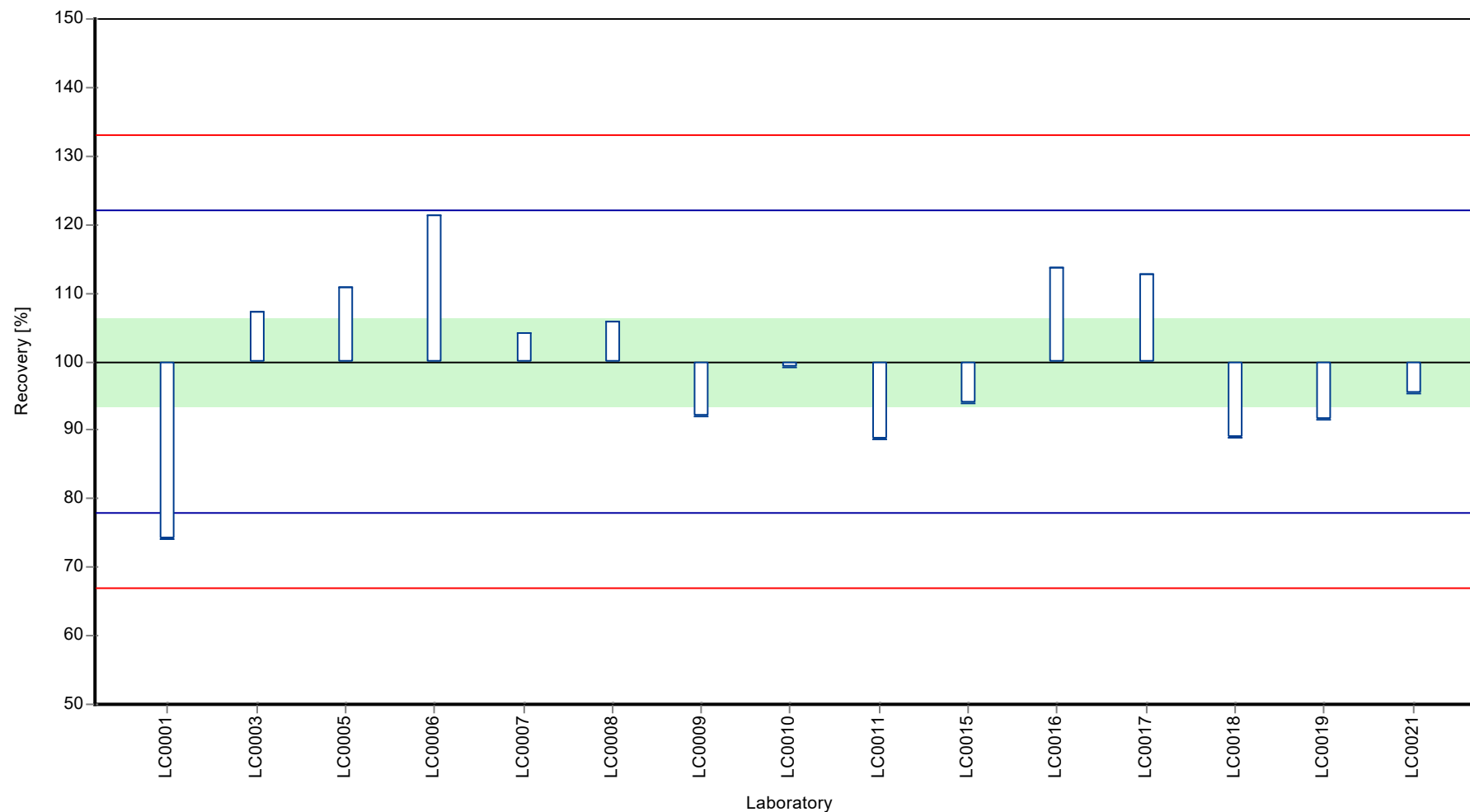
	all results	without outliers	Unit
Mean ± CI (99%)	0.699 ± 0.0671	0.699 ± 0.0671	µg/l
Minimum	0.519	0.519	µg/l
Maximum	0.849	0.849	µg/l
Standard deviation	0.0866	0.0866	µg/l
rel. standard deviation	12.4	12.4	%
n	15	15	-

Graphical presentation of results

Results

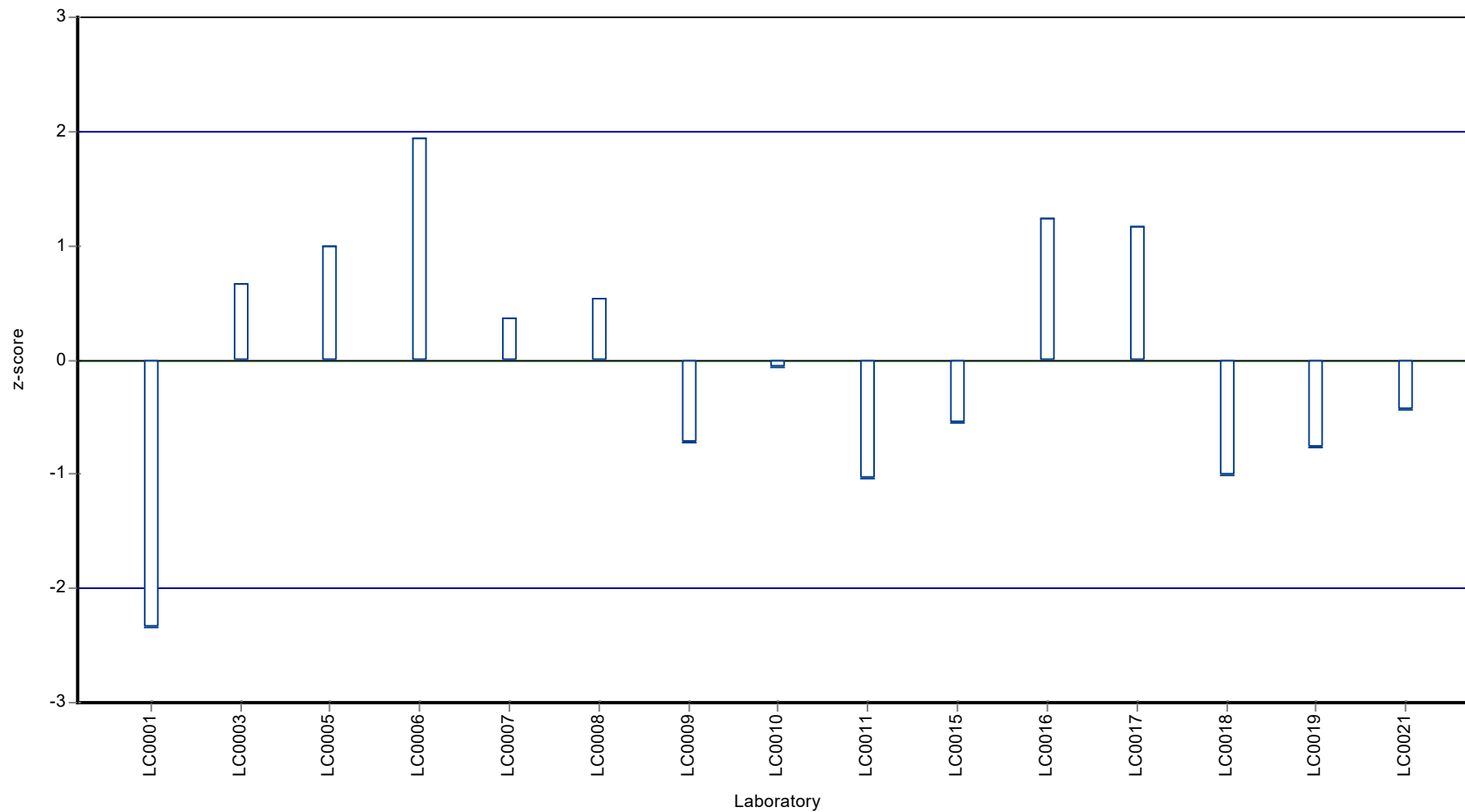


**Recovery rate**





**Z-score**



## Parameter oriented report

### H106 B

#### Terbutylazine-desethyl

Unit	µg/l
Assigned value ± U (k=2)	0.235 ± 0.017
Criterion	0.0258 (11 %)
Minimum - Maximum	0.148 - 0.273
Control test value ± U (k=2)	0.219 ± 0.0328

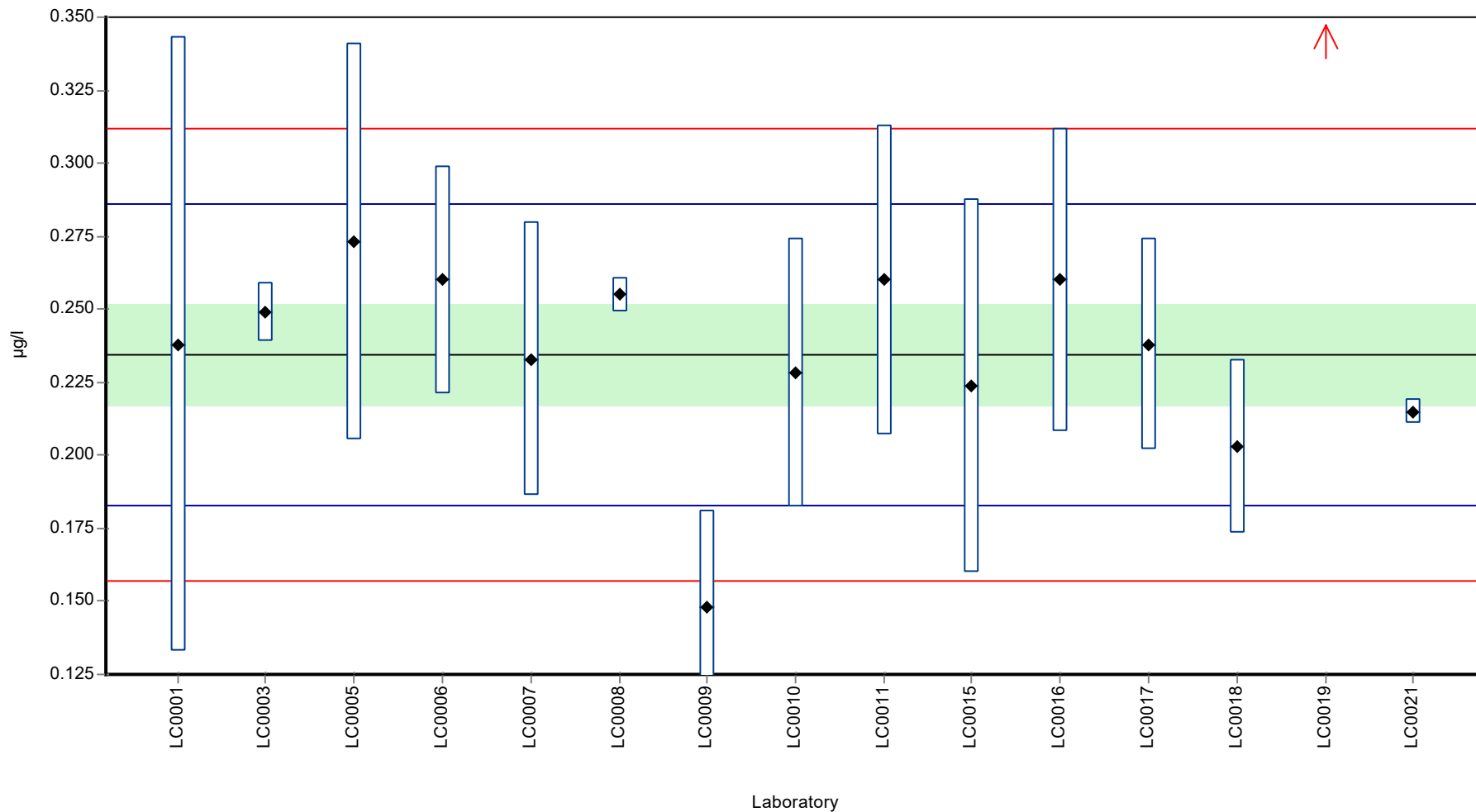
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.238	0.105	101	0.13	
LC0002	-	-	-	-	
LC0003	0.2491	0.01	106	0.56	
LC0004	-	-	-	-	
LC0005	0.273	0.068	116	1.49	
LC0006	0.26	0.039	111	0.99	
LC0007	0.233	0.047	99.3	-0.06	
LC0008	0.255	0.006	109	0.79	
LC0009	0.148	0.033	63.1	-3.36	
LC0010	0.228	0.046	97.2	-0.25	
LC0011	0.26	0.053	111	0.99	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.2238	0.0641	95.4	-0.42	
LC0016	0.26	0.052	111	0.99	
LC0017	0.238	0.036	101	0.13	
LC0018	0.203	0.03	86.5	-1.22	
LC0019	0.51	0.1	217	10.7	H
LC0020	-	-	-	-	
LC0021	0.215	0.004	91.7	-0.76	

#### Characteristics of parameter

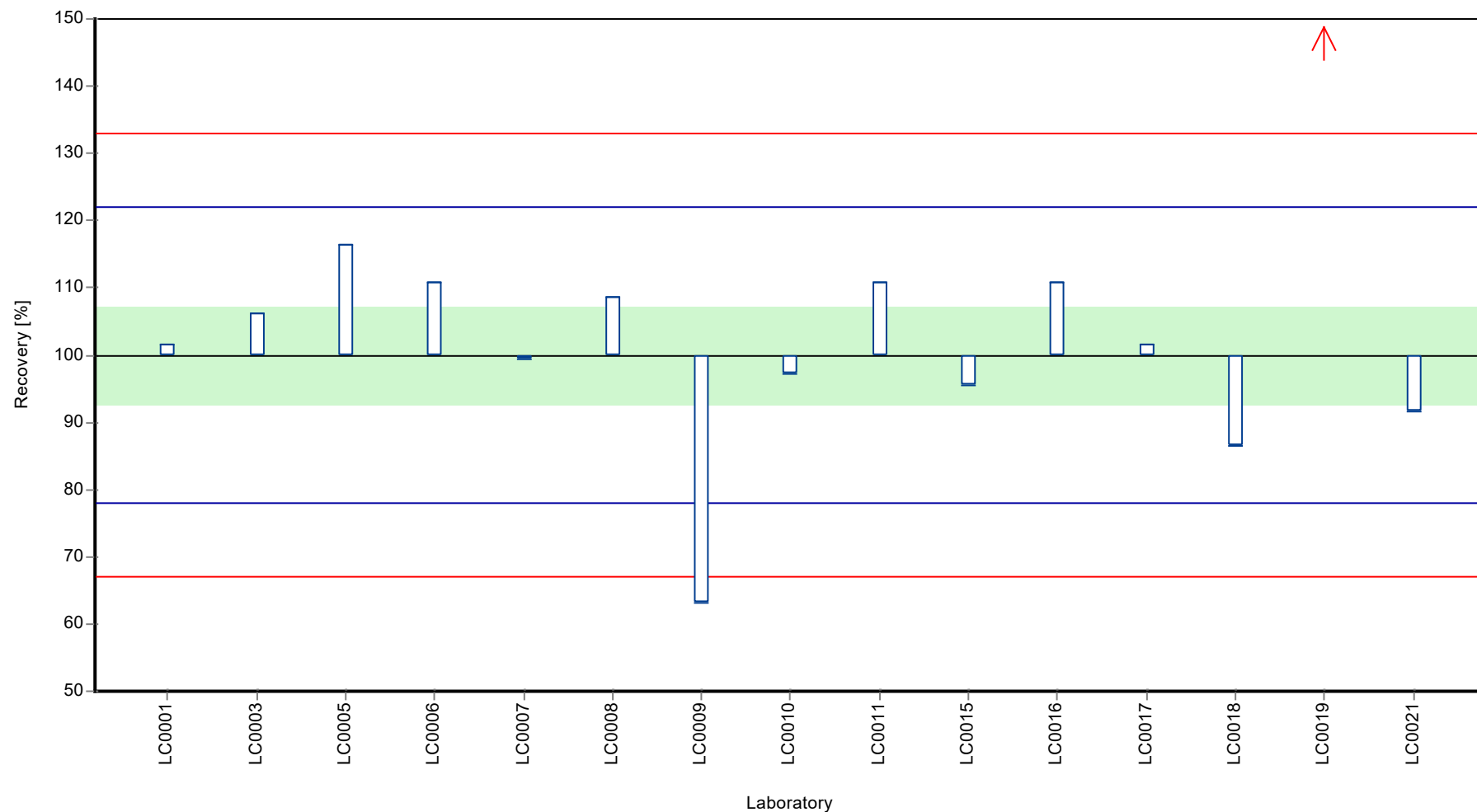
	all results	without outliers	Unit
Mean ± CI (99%)	0.253 ± 0.06	0.235 ± 0.0255	µg/l
Minimum	0.148	0.148	µg/l
Maximum	0.51	0.273	µg/l
Standard deviation	0.0774	0.0318	µg/l
rel. standard deviation	30.6	13.5 %	
n	15	14	-

Graphical presentation of results

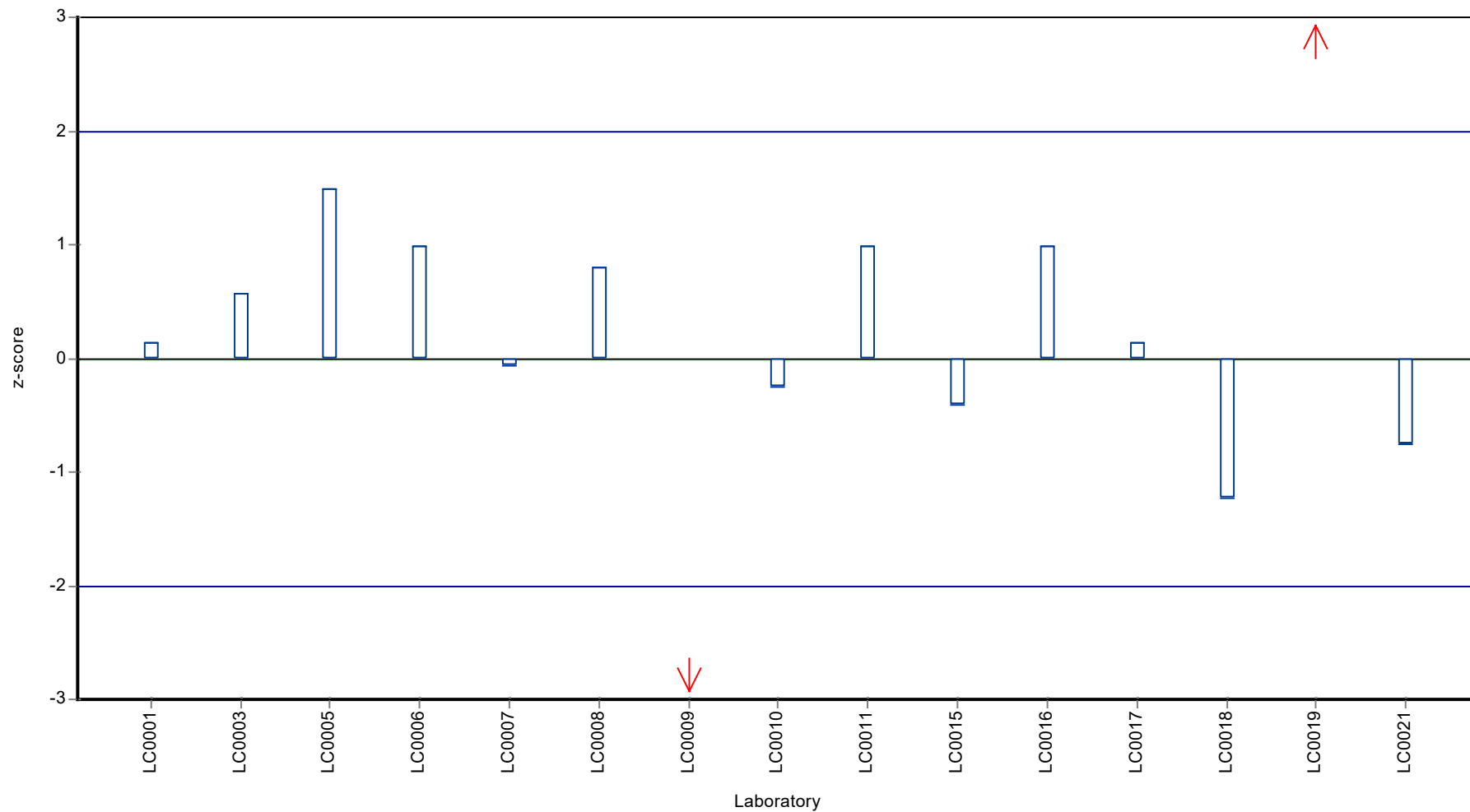
Results



**Recovery rate**



Z-score



## Parameter oriented report

### H106 A

#### Terbutryn

Unit	µg/l
Assigned value ± U (k=2)	0.245 ± 0.022
Criterion	0.0245 (10 %)
Minimum - Maximum	0.16 - 0.304
Control test value ± U (k=2)	0.238 ± 0.0357

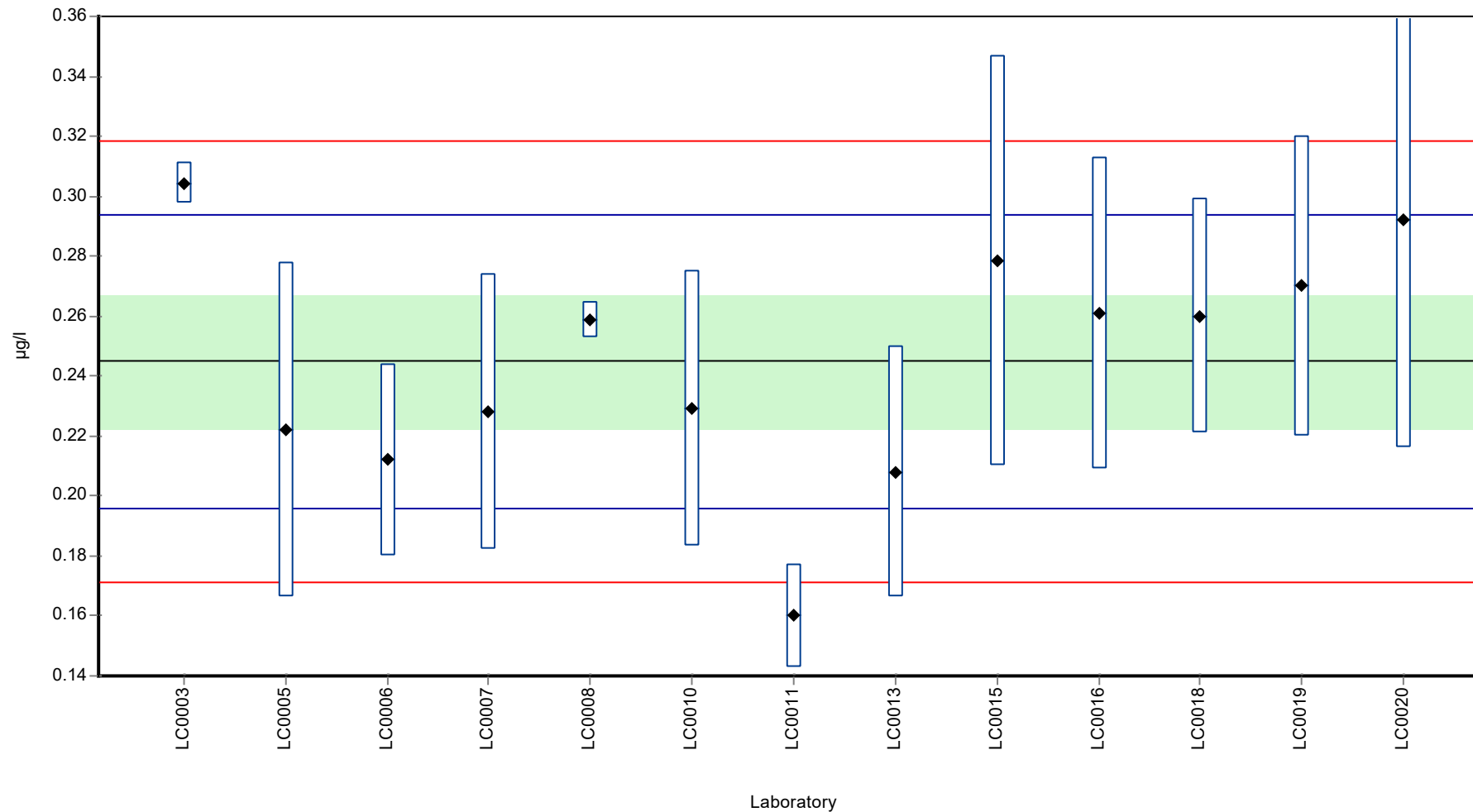
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.3044	0.0069	124	2.43	
LC0004	-	-	-	-	
LC0005	0.222	0.056	90.6	-0.94	
LC0006	0.212	0.032	86.6	-1.34	
LC0007	0.228	0.046	93.1	-0.69	
LC0008	0.259	0.006	106	0.57	
LC0009	-	-	-	-	
LC0010	0.229	0.046	93.5	-0.65	
LC0011	0.16	0.017	65.3	-3.47	
LC0012	-	-	-	-	
LC0013	0.208	0.042	84.9	-1.51	
LC0014	-	-	-	-	
LC0015	0.2786	0.0683	114	1.38	
LC0016	0.261	0.052	107	0.66	
LC0017	-	-	-	-	
LC0018	0.26	0.039	106	0.62	
LC0019	0.27	0.05	110	1.02	
LC0020	0.292	0.076	119	1.92	
LC0021	-	-	-	-	

#### Characteristics of parameter

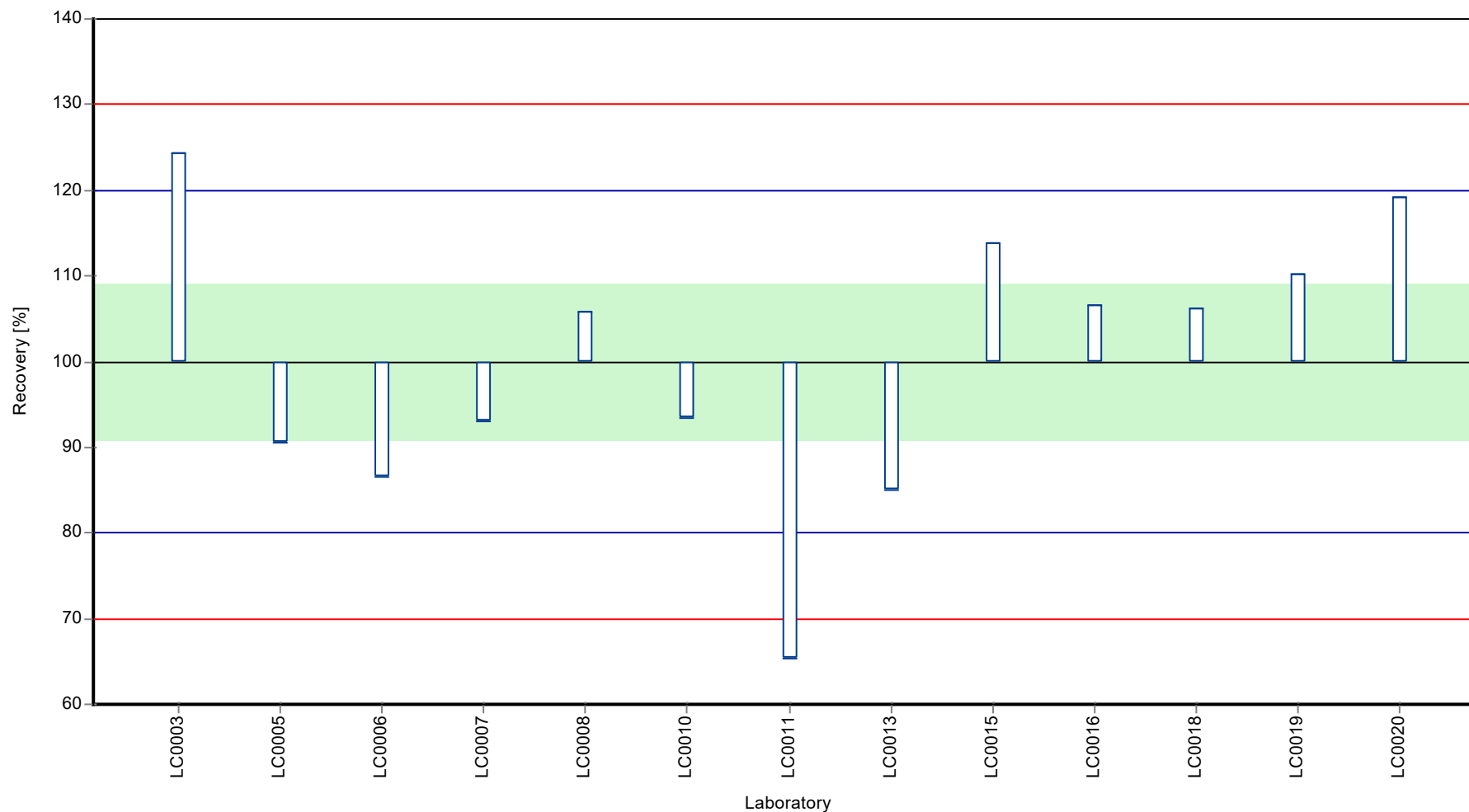
	all results	without outliers	Unit
Mean ± CI (99%)	0.245 ± 0.033	0.245 ± 0.033	µg/l
Minimum	0.16	0.16	µg/l
Maximum	0.304	0.304	µg/l
Standard deviation	0.0397	0.0397	µg/l
rel. standard deviation	16.2	16.2	%
n	13	13	-

Graphical presentation of results

Results

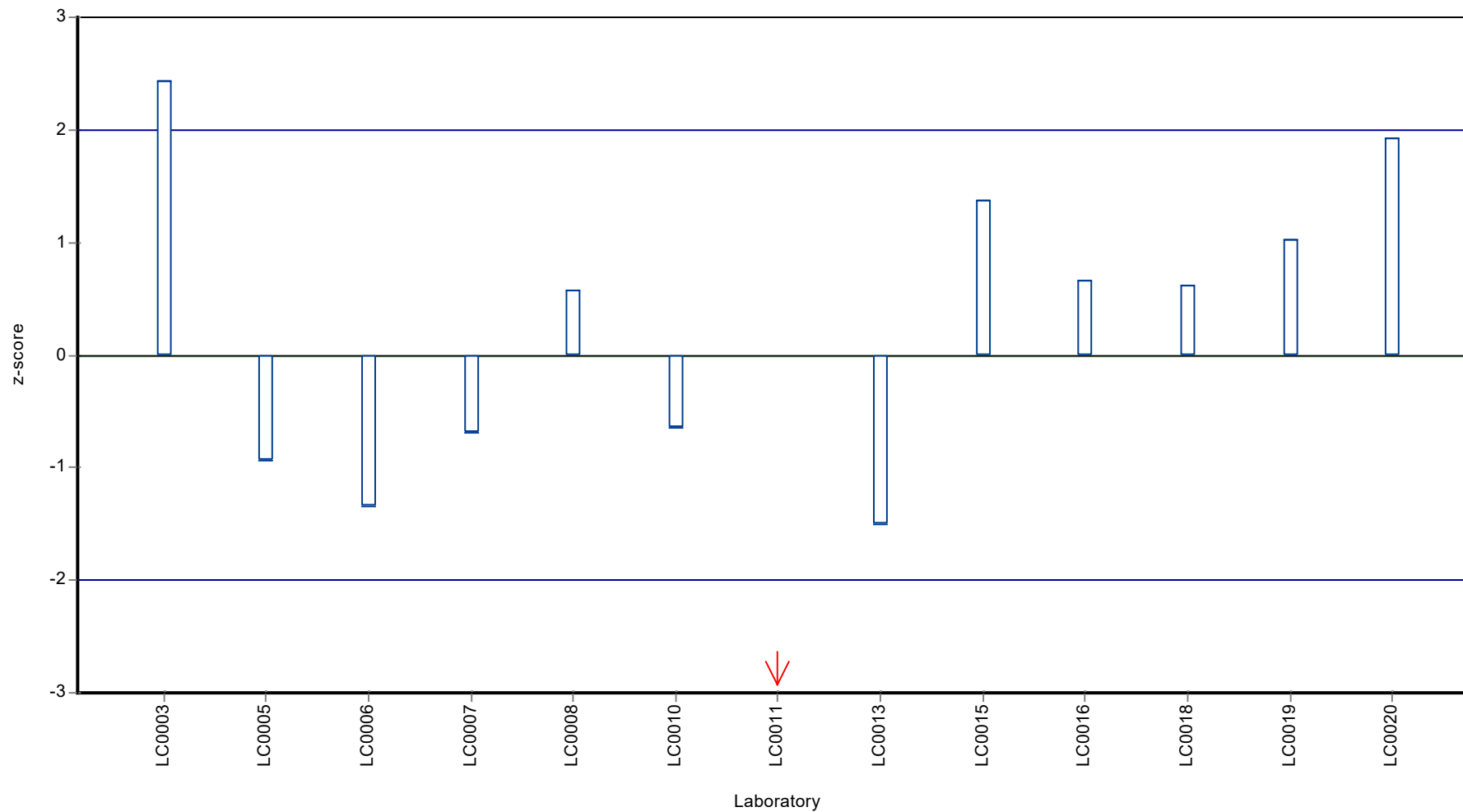


**Recovery rate**





Z-score



## Parameter oriented report

### H106 B

#### Terbutryn

Unit	µg/l
Assigned value ± U (k=2)	0.799 ± 0.0611
Criterion	0.0799 (10 %)
Minimum - Maximum	0.62 - 1.01
Control test value ± U (k=2)	0.728 ± 0.109

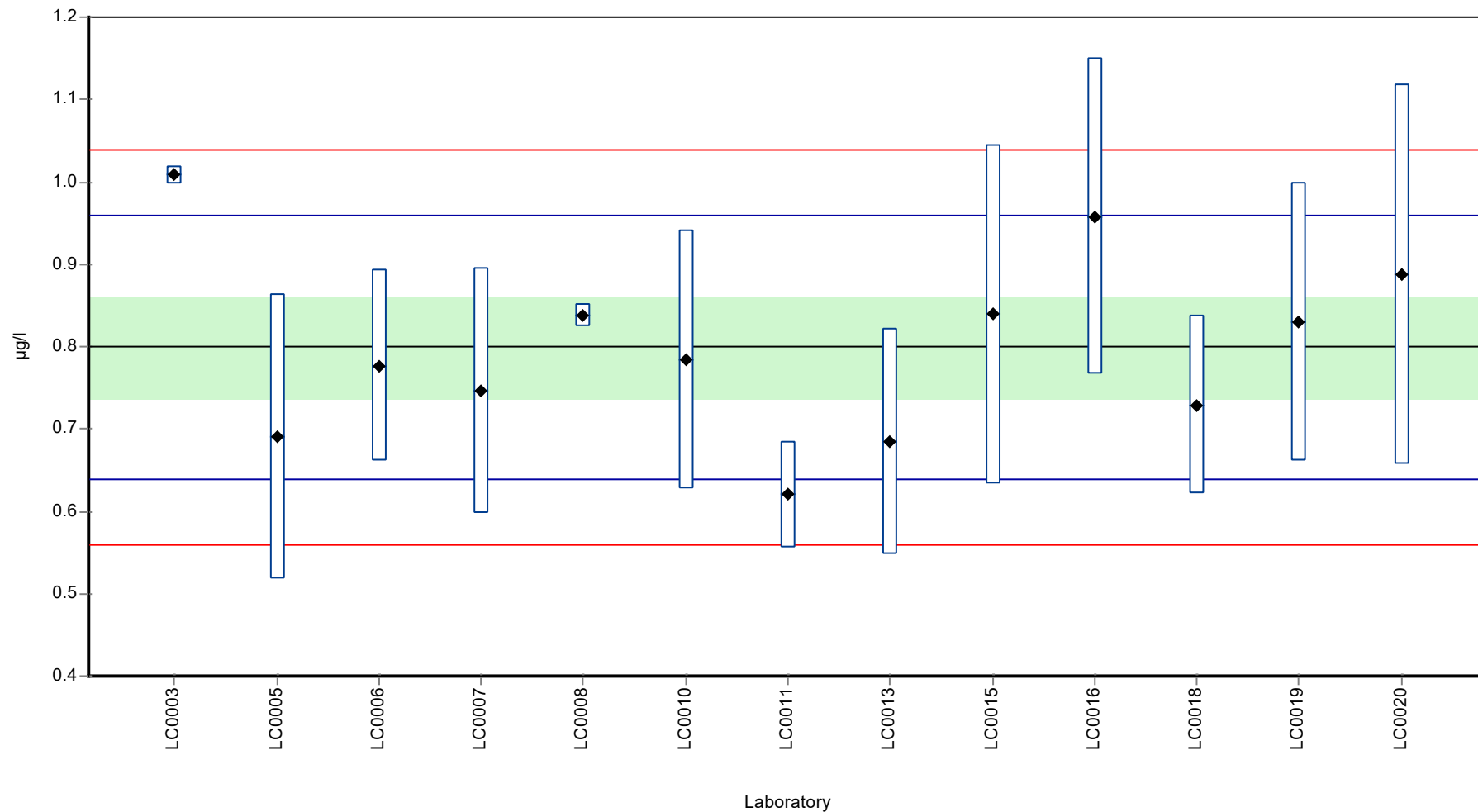
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	1.0082	0.0106	126	2.61	
LC0004	-	-	-	-	
LC0005	0.691	0.173	86.4	-1.36	
LC0006	0.777	0.117	97.2	-0.28	
LC0007	0.747	0.149	93.4	-0.66	
LC0008	0.837	0.014	105	0.47	
LC0009	-	-	-	-	
LC0010	0.784	0.157	98.1	-0.19	
LC0011	0.62	0.064	77.6	-2.24	
LC0012	-	-	-	-	
LC0013	0.685	0.137	85.7	-1.43	
LC0014	-	-	-	-	
LC0015	0.8389	0.2058	105	0.49	
LC0016	0.958	0.192	120	1.98	
LC0017	-	-	-	-	
LC0018	0.729	0.109	91.2	-0.88	
LC0019	0.83	0.17	104	0.38	
LC0020	0.887	0.231	111	1.1	
LC0021	-	-	-	-	

#### Characteristics of parameter

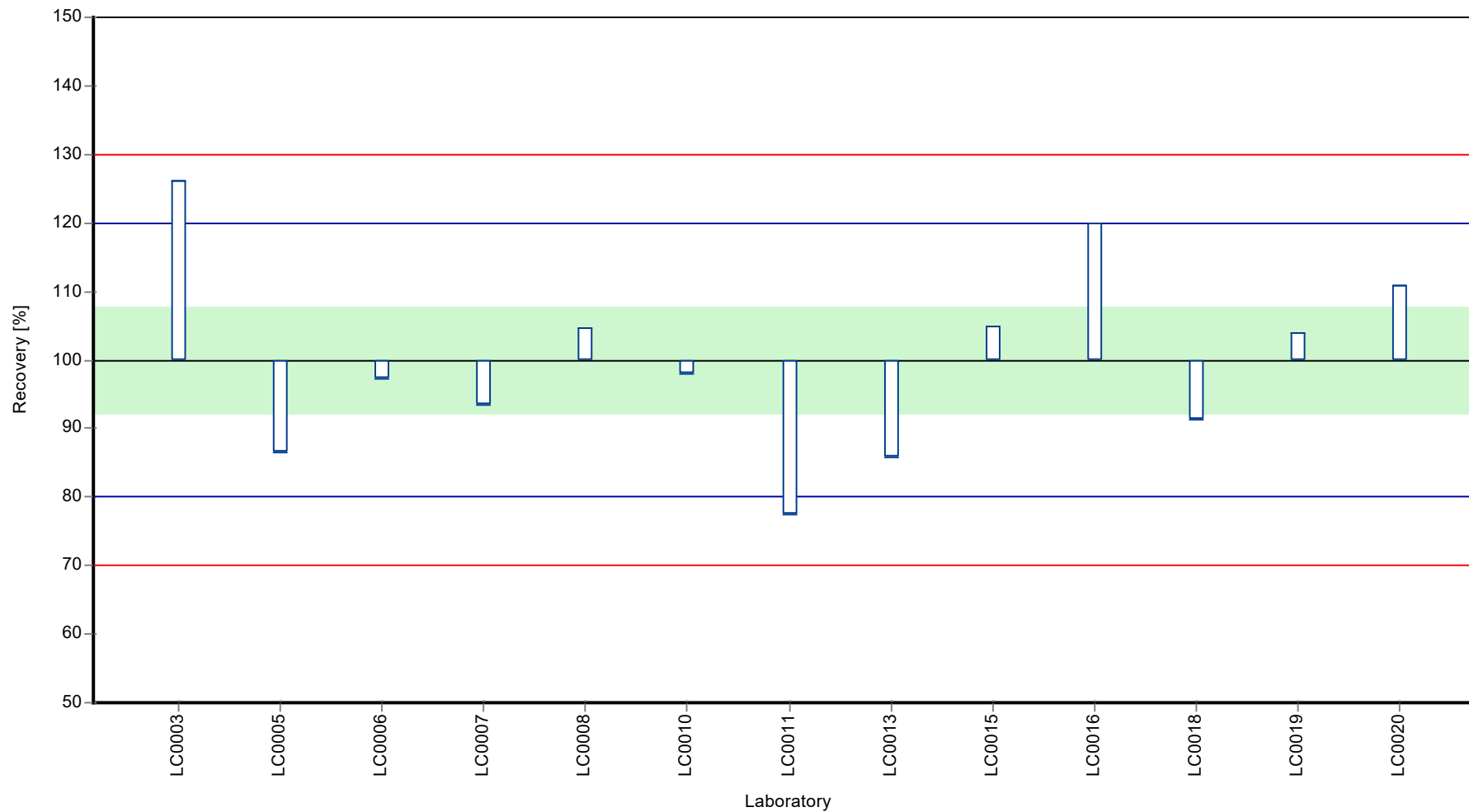
	all results	without outliers	Unit
Mean ± CI (99%)	0.799 ± 0.0917	0.799 ± 0.0917	µg/l
Minimum	0.62	0.62	µg/l
Maximum	1.01	1.01	µg/l
Standard deviation	0.11	0.11	µg/l
rel. standard deviation	13.8	13.8	%
n	13	13	-

Graphical presentation of results

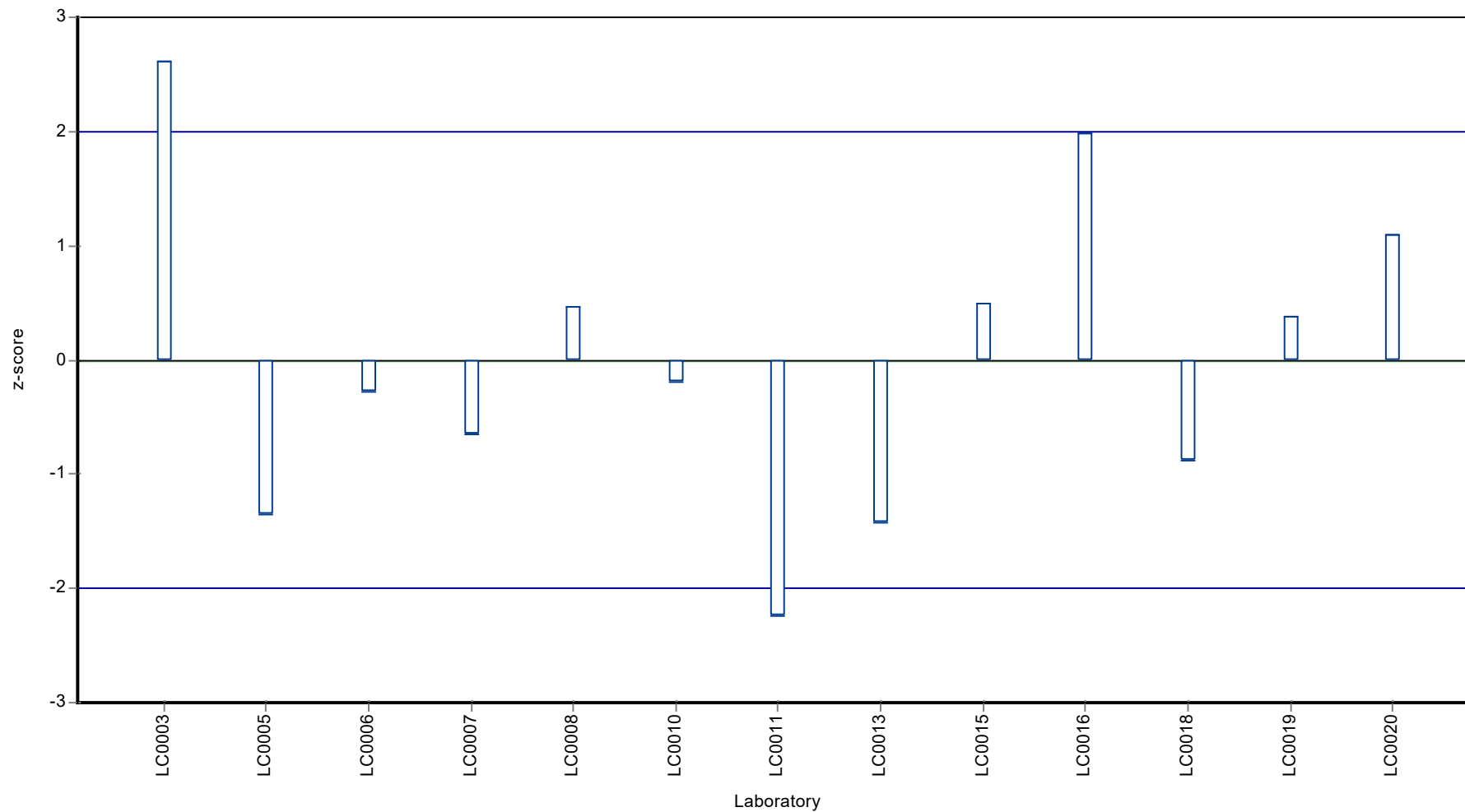
Results



**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: H106A

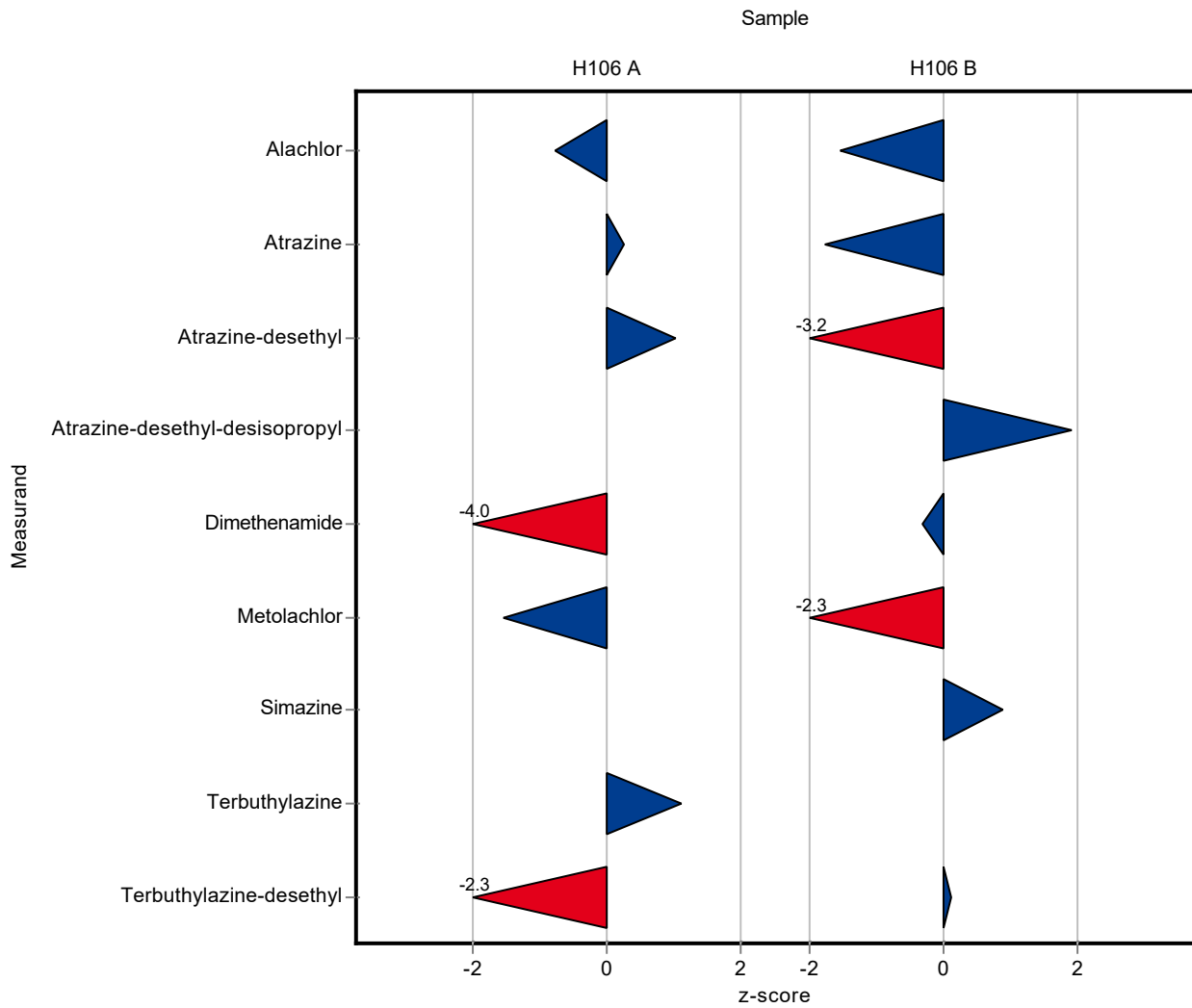
Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	- ± -	0.0674	-	-
Alachlor	µg/l	0.472 ± 0.0523	0.427 ± 0.188	0.0566	90.6	-0.79
Atrazine	µg/l	0.332 ± 0.01	0.341 ± 0.15	0.0365	103	0.25
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.351 ± 0.154	0.0376	112	1.01
Atrazine-desethyl-desisopropyl	µg/l	- ± -	0.256 ± 0.112	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	- ± -	0.101	-	-
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	- ± -	0.029	-	-
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	- ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	- ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	0.542 ± 0.239	0.0889	60.4	-4.00
Diuron	µg/l	0.444 ± 0.0257	- ± -	0.0577	-	-
Metolachlor	µg/l	0.486 ± 0.0225	0.373 ± 0.164	0.0729	76.8	-1.55
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	- ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.19 ± 0.084	0.0186	112	1.10
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.519 ± 0.229	0.0769	74.2	-2.34
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	- ± -	0.0362	-	-
Alachlor	µg/l	0.793 ± 0.0795	0.646 ± 0.284	0.0951	81.5	-1.54

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.362 ± 0.159	0.0495	80.5	-1.77
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.497 ± 0.219	0.0975	61.2	-3.23
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	0.531 ± 0.229	0.105	161	1.92
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	- ± -	0.0299	-	-
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-	-
Chloridazon	µg/l	0.434 ± 0.035	- ± -	0.0564	-	-
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	- ± -	0.019	-	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	- ± -	0.013	-	-
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	0.426 ± 0.187	0.0435	96.9	-0.31
Diuron	µg/l	0.441 ± 0.0205	- ± -	0.0574	-	-
Metolachlor	µg/l	0.808 ± 0.0599	0.532 ± 0.234	0.121	65.8	-2.28
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-	-
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	-	-
Simazine	µg/l	0.115 ± 0.00822	0.126 ± 0.056	0.0126	110	0.88
Terbuthylazine	µg/l	- ± -	- ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.238 ± 0.105	0.0258	101	0.13
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-	-





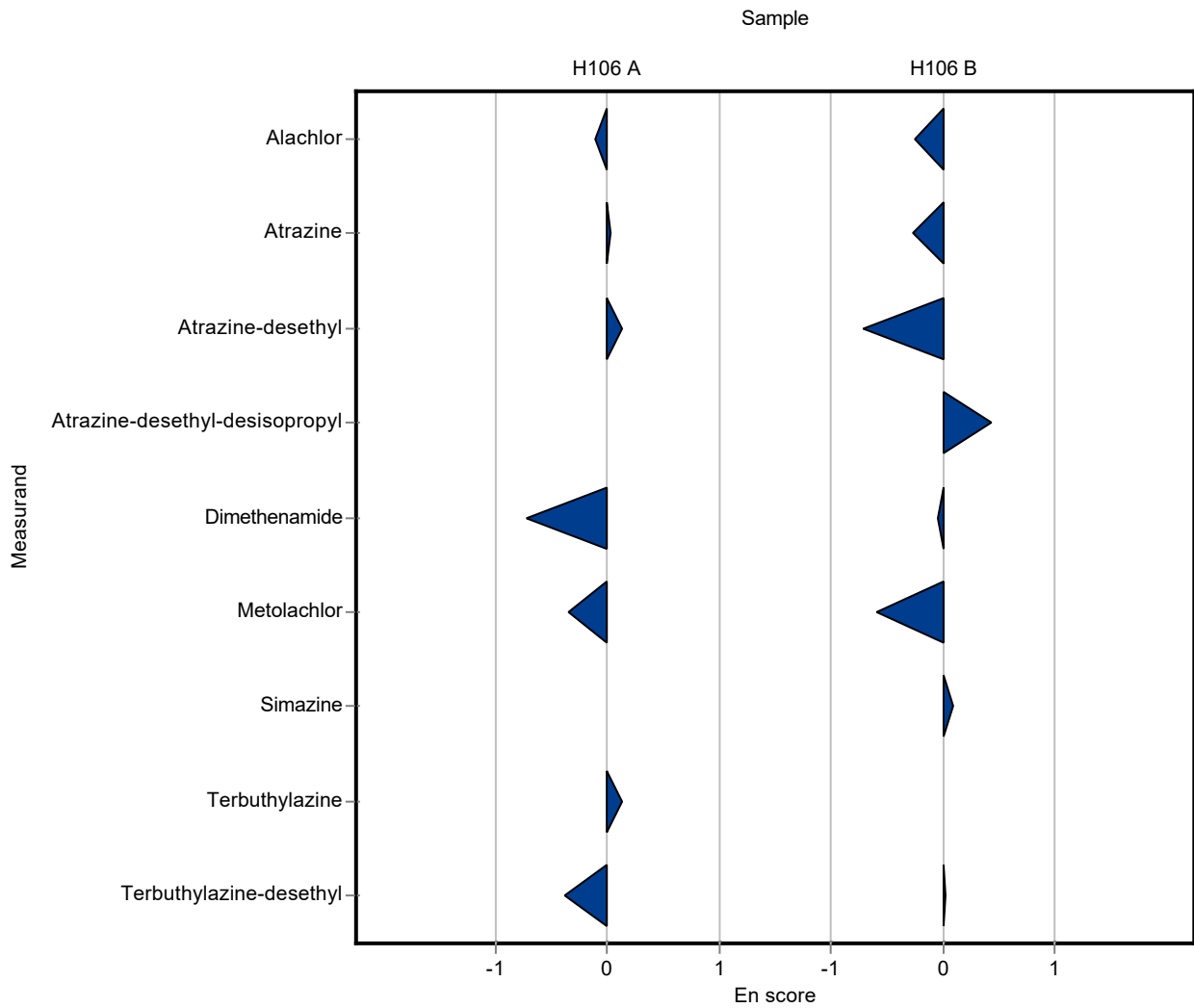
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	- ± -	0.0674	-	-
Alachlor	µg/l	0.472 ± 0.0523	0.427 ± 0.188	0.0566	90.6	-0.12
Atrazine	µg/l	0.332 ± 0.01	0.341 ± 0.15	0.0365	103	0.03
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.351 ± 0.154	0.0376	112	0.12
Atrazine-desethyl-desisopropyl	µg/l	- ± -	0.256 ± 0.112	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	- ± -	0.101	-	-
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	- ± -	0.029	-	-
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	- ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	- ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	0.542 ± 0.239	0.0889	60.4	-0.73
Diuron	µg/l	0.444 ± 0.0257	- ± -	0.0577	-	-
Metolachlor	µg/l	0.486 ± 0.0225	0.373 ± 0.164	0.0729	76.8	-0.34
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	- ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.19 ± 0.084	0.0186	112	0.12
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.519 ± 0.229	0.0769	74.2	-0.39
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	- ± -	0.0362	-	-
Alachlor	µg/l	0.793 ± 0.0795	0.646 ± 0.284	0.0951	81.5	-0.26

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	0.45 ± 0.0213	0.362 ± 0.159	0.0495	80.5 -0.28
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.497 ± 0.219	0.0975	61.2 -0.72
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	0.531 ± 0.229	0.105	161 0.43
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	- ± -	0.0299	- -
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	- -
Chloridazon	µg/l	0.434 ± 0.035	- ± -	0.0564	- -
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	- ± -	0.019	- -
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	- ± -	0.013	- -
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	- -
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	- -
Dimethenamide	µg/l	0.44 ± 0.037	0.426 ± 0.187	0.0435	96.9 -0.04
Diuron	µg/l	0.441 ± 0.0205	- ± -	0.0574	- -
Metolachlor	µg/l	0.808 ± 0.0599	0.532 ± 0.234	0.121	65.8 -0.58
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	- -
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	- -
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	- -
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	- -
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	- -
Simazine	µg/l	0.115 ± 0.00822	0.126 ± 0.056	0.0126	110 0.10
Terbuthylazine	µg/l	- ± -	- ± -	-	- -
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.238 ± 0.105	0.0258	101 0.02
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	- -



Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	- ± -	0.0674	-	-
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	- ± -	0.0365	-	-
Atrazine-desethyl	µg/l	0.313 ± 0.0148	- ± -	0.0376	-	-
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	- ± -	0.101	-	-
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	- ± -	0.029	-	-
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	- ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	- ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	- ± -	0.0889	-	-
Diuron	µg/l	0.444 ± 0.0257	- ± -	0.0577	-	-
Metolachlor	µg/l	0.486 ± 0.0225	- ± -	0.0729	-	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	- ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	- ± -	0.0186	-	-
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	- ± -	0.0769	-	-
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	- ± -	0.0362	-	-
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	- ± -	0.0495	-
Atrazine-desethyl	µg/l	0.812 ± 0.0437	- ± -	0.0975	-
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	- ± -	0.0299	-
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-
Chloridazon	µg/l	0.434 ± 0.035	- ± -	0.0564	-
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	- ± -	0.019	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	- ± -	0.013	-
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-
Dimethenamide	µg/l	0.44 ± 0.037	- ± -	0.0435	-
Diuron	µg/l	0.441 ± 0.0205	- ± -	0.0574	-
Metolachlor	µg/l	0.808 ± 0.0599	- ± -	0.121	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	-
Simazine	µg/l	0.115 ± 0.00822	- ± -	0.0126	-
Terbuthylazine	µg/l	- ± -	- ± -	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	- ± -	0.0258	-
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-

Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	- ± -	0.0674	-	-
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	- ± -	0.0365	-	-
Atrazine-desethyl	µg/l	0.313 ± 0.0148	- ± -	0.0376	-	-
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	- ± -	0.101	-	-
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	- ± -	0.029	-	-
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	- ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	- ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	- ± -	0.0889	-	-
Diuron	µg/l	0.444 ± 0.0257	- ± -	0.0577	-	-
Metolachlor	µg/l	0.486 ± 0.0225	- ± -	0.0729	-	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	- ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	- ± -	0.0186	-	-
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	- ± -	0.0769	-	-
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	- ± -	0.0362	-	-
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	0.45 ± 0.0213	- ± -	0.0495	-
Atrazine-desethyl	µg/l	0.812 ± 0.0437	- ± -	0.0975	-
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	- ± -	0.0299	-
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-
Chloridazon	µg/l	0.434 ± 0.035	- ± -	0.0564	-
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	- ± -	0.019	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	- ± -	0.013	-
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-
Dimethenamide	µg/l	0.44 ± 0.037	- ± -	0.0435	-
Diuron	µg/l	0.441 ± 0.0205	- ± -	0.0574	-
Metolachlor	µg/l	0.808 ± 0.0599	- ± -	0.121	-
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	-
Simazine	µg/l	0.115 ± 0.00822	- ± -	0.0126	-
Terbuthylazine	µg/l	- ± -	- ± -	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	- ± -	0.0258	-
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-



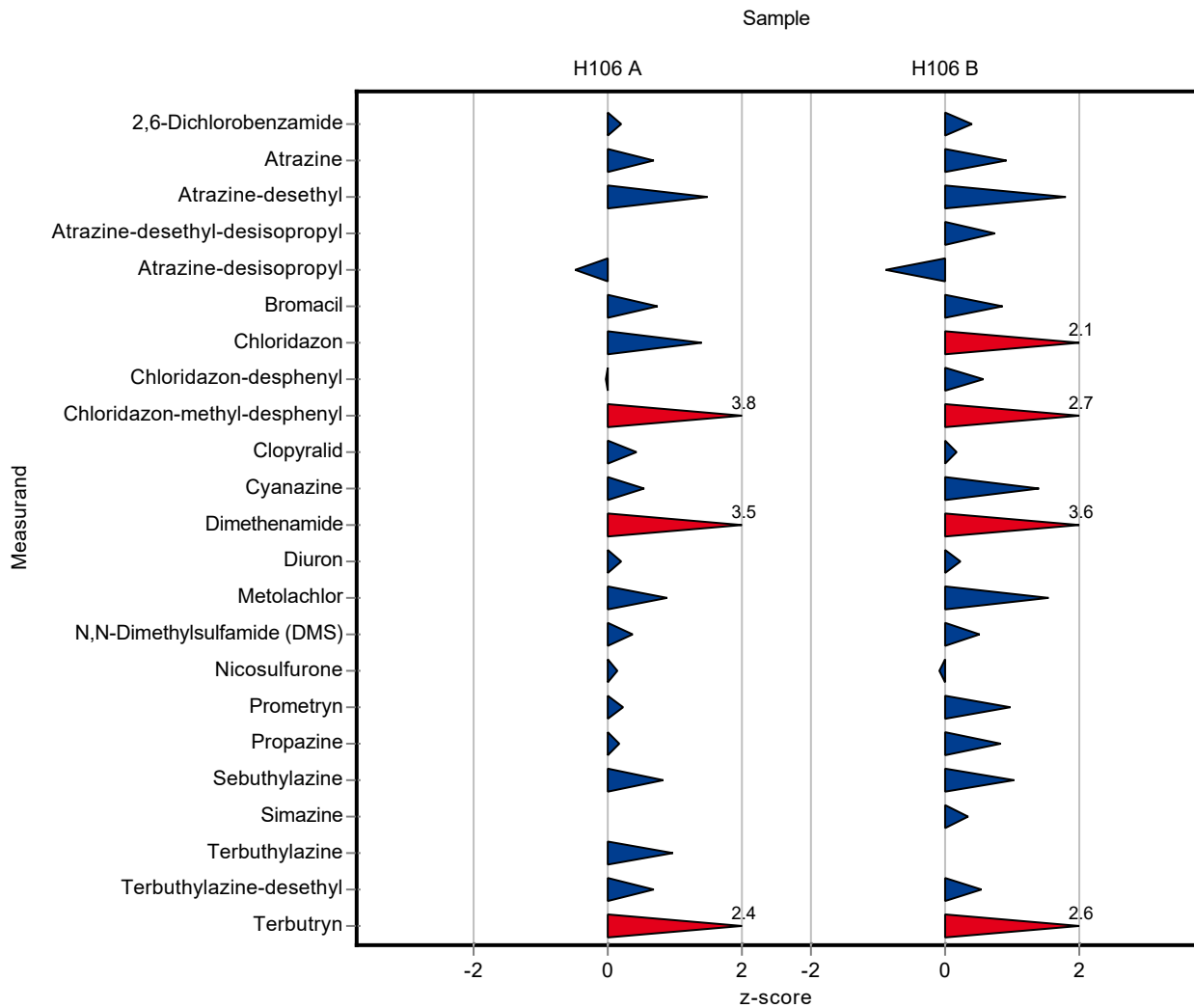
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.4611 ± 0.0091	0.0674	103	0.18
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.3566 ± 0.0019	0.0365	107	0.68
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.3681 ± 0.0031	0.0376	118	1.46
Atrazine-desethyl-desisopropyl	µg/l	- ± -	0.2197 ± 0.0057	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.67 ± 0.0119	0.101	93.2	-0.48
Bromacil	µg/l	0.892 ± 0.0648	0.9835 ± 0.0039	0.125	110	0.73
Chloridazon	µg/l	0.223 ± 0.0148	0.2634 ± 0.0026	0.029	118	1.38
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.361 ± 0.0053	0.0399	99.5	-0.04
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.1154 ± 0.0023	0.0101	149	3.77
Clopyralid	µg/l	0.272 ± 0.0273	0.3112 ± 0.0305	0.0926	114	0.42
Cyanazine	µg/l	0.18 ± 0.0226	0.1936 ± 0.0008	0.0252	108	0.54
Dimethenamide	µg/l	0.898 ± 0.106	1.2115 ± 0.0016	0.0889	135	3.53
Diuron	µg/l	0.444 ± 0.0257	0.4547 ± 0.0084	0.0577	102	0.19
Metolachlor	µg/l	0.486 ± 0.0225	0.5501 ± 0.0018	0.0729	113	0.88
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.2109 ± 0.0098	0.0301	105	0.35
Nicosulfurone	µg/l	0.443 ± 0.0928	0.465 ± 0.0056	0.164	105	0.14
Prometryn	µg/l	0.408 ± 0.0292	0.4187 ± 0.0048	0.053	103	0.21
Propazine	µg/l	0.433 ± 0.0312	0.4422 ± 0.071	0.0563	102	0.17
Sebuthylazine	µg/l	0.26 ± 0.0167	0.2795 ± 0.0036	0.0242	108	0.81
Simazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.1875 ± 0.0028	0.0186	111	0.97
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.7511 ± 0.004	0.0769	107	0.67
Terbutryn	µg/l	0.245 ± 0.022	0.3044 ± 0.0069	0.0245	124	2.43

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.2564 ± 0.0072	0.0362	106	0.41
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.4946 ± 0.0054	0.0495	110	0.91
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.9881 ± 0.0185	0.0975	122	1.80
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	0.4096 ± 0.011	0.105	124	0.76
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.187 ± 0.0084	0.0299	87.7	-0.88
Bromacil	µg/l	0.462 ± 0.0255	0.5181 ± 0.0036	0.0646	112	0.88
Chloridazon	µg/l	0.434 ± 0.035	0.5498 ± 0.0228	0.0564	127	2.06
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.1837 ± 0.0139	0.019	106	0.57
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.1351 ± 0.0061	0.013	135	2.67
Clopyralid	µg/l	0.421 ± 0.0297	0.4484 ± 0.0031	0.143	107	0.19
Cyanazine	µg/l	0.394 ± 0.0382	0.4719 ± 0.0052	0.0552	120	1.41
Dimethenamide	µg/l	0.44 ± 0.037	0.5959 ± 0.0106	0.0435	136	3.59
Diuron	µg/l	0.441 ± 0.0205	0.4555 ± 0.0076	0.0574	103	0.24
Metolachlor	µg/l	0.808 ± 0.0599	0.9951 ± 0.0359	0.121	123	1.54
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.4327 ± 0.0038	0.0601	108	0.53
Nicosulfurone	µg/l	0.499 ± 0.0752	0.4877 ± 0.0114	0.185	97.8	-0.06
Prometryn	µg/l	0.796 ± 0.0789	0.8968 ± 0.0034	0.104	113	0.97
Propazine	µg/l	0.237 ± 0.0166	0.2628 ± 0.0013	0.0308	111	0.85
Sebuthylazine	µg/l	0.431 ± 0.0318	0.4722 ± 0.0182	0.0401	110	1.03
Simazine	µg/l	0.115 ± 0.00822	0.1192 ± 0.0092	0.0126	104	0.34
Terbuthylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.2491 ± 0.01	0.0258	106	0.56
Terbutryn	µg/l	0.799 ± 0.0611	1.0082 ± 0.0106	0.0799	126	2.61



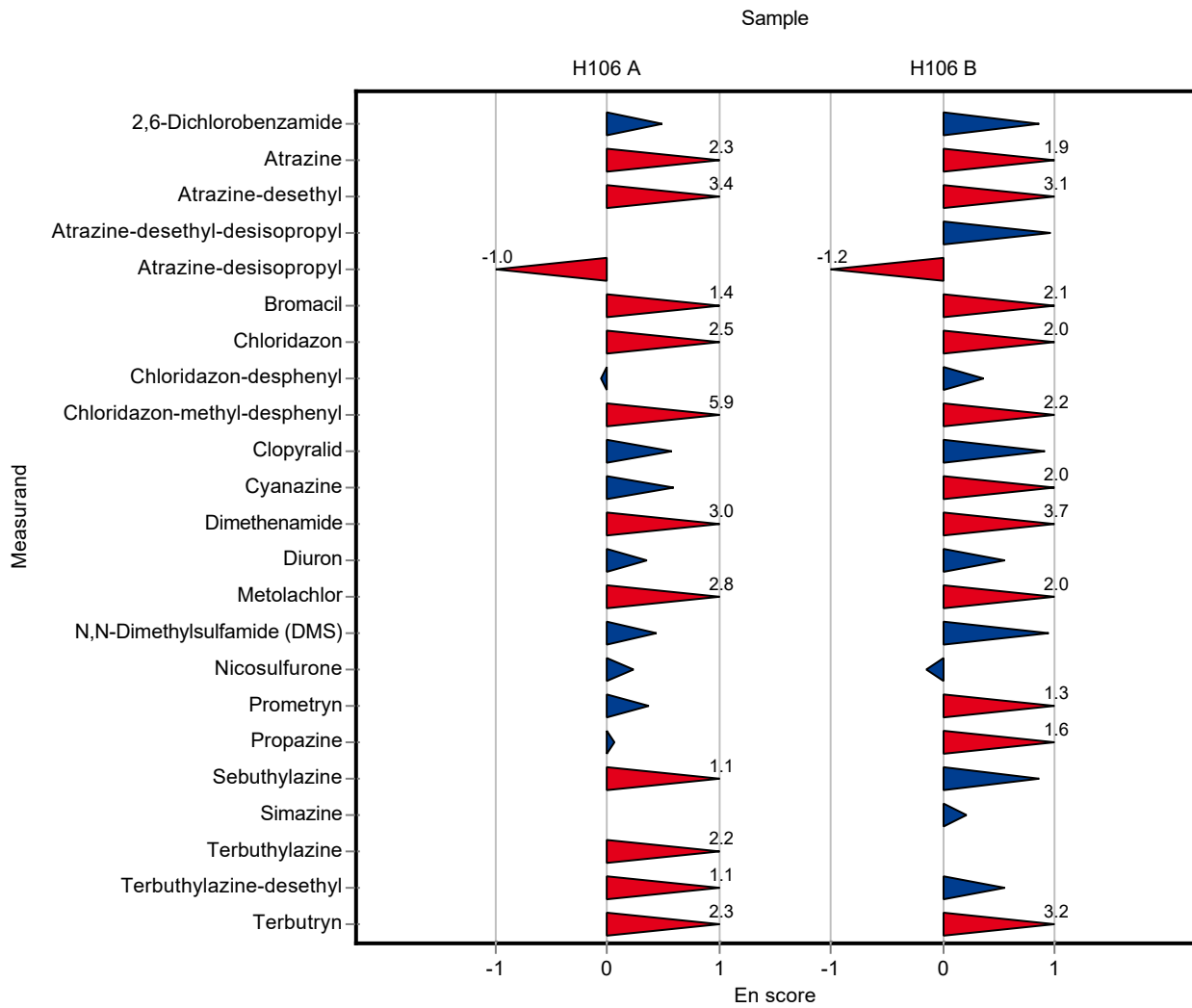
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.4611 ± 0.0091	0.0674	103	0.49
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.3566 ± 0.0019	0.0365	107	2.31
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.3681 ± 0.0031	0.0376	118	3.41
Atrazine-desethyl-desisopropyl	µg/l	- ± -	0.2197 ± 0.0057	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.67 ± 0.0119	0.101	93.2	-1.02
Bromacil	µg/l	0.892 ± 0.0648	0.9835 ± 0.0039	0.125	110	1.40
Chloridazon	µg/l	0.223 ± 0.0148	0.2634 ± 0.0026	0.029	118	2.54
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.361 ± 0.0053	0.0399	99.5	-0.06
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.1154 ± 0.0023	0.0101	149	5.86
Clopyralid	µg/l	0.272 ± 0.0273	0.3112 ± 0.0305	0.0926	114	0.58
Cyanazine	µg/l	0.18 ± 0.0226	0.1936 ± 0.0008	0.0252	108	0.60
Dimethenamide	µg/l	0.898 ± 0.106	1.2115 ± 0.0016	0.0889	135	2.96
Diuron	µg/l	0.444 ± 0.0257	0.4547 ± 0.0084	0.0577	102	0.35
Metolachlor	µg/l	0.486 ± 0.0225	0.5501 ± 0.0018	0.0729	113	2.82
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.2109 ± 0.0098	0.0301	105	0.43
Nicosulfurone	µg/l	0.443 ± 0.0928	0.465 ± 0.0056	0.164	105	0.24
Prometryn	µg/l	0.408 ± 0.0292	0.4187 ± 0.0048	0.053	103	0.36
Propazine	µg/l	0.433 ± 0.0312	0.4422 ± 0.071	0.0563	102	0.06
Sebuthylazine	µg/l	0.26 ± 0.0167	0.2795 ± 0.0036	0.0242	108	1.08
Simazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.1875 ± 0.0028	0.0186	111	2.20
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.7511 ± 0.004	0.0769	107	1.14
Terbutryn	µg/l	0.245 ± 0.022	0.3044 ± 0.0069	0.0245	124	2.29

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.2564 ± 0.0072	0.0362	106	0.85
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	0.45 ± 0.0213	0.4946 ± 0.0054	0.0495	110	1.89
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.9881 ± 0.0185	0.0975	122	3.07
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	0.4096 ± 0.011	0.105	124	0.97
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.187 ± 0.0084	0.0299	87.7	-1.20
Bromacil	µg/l	0.462 ± 0.0255	0.5181 ± 0.0036	0.0646	112	2.13
Chloridazon	µg/l	0.434 ± 0.035	0.5498 ± 0.0228	0.0564	127	2.02
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.1837 ± 0.0139	0.019	106	0.36
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.1351 ± 0.0061	0.013	135	2.25
Clopyralid	µg/l	0.421 ± 0.0297	0.4484 ± 0.0031	0.143	107	0.92
Cyanazine	µg/l	0.394 ± 0.0382	0.4719 ± 0.0052	0.0552	120	1.97
Dimethenamide	µg/l	0.44 ± 0.037	0.5959 ± 0.0106	0.0435	136	3.67
Diuron	µg/l	0.441 ± 0.0205	0.4555 ± 0.0076	0.0574	103	0.55
Metolachlor	µg/l	0.808 ± 0.0599	0.9951 ± 0.0359	0.121	123	2.00
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.4327 ± 0.0038	0.0601	108	0.94
Nicosulfurone	µg/l	0.499 ± 0.0752	0.4877 ± 0.0114	0.185	97.8	-0.14
Prometryn	µg/l	0.796 ± 0.0789	0.8968 ± 0.0034	0.104	113	1.27
Propazine	µg/l	0.237 ± 0.0166	0.2628 ± 0.0013	0.0308	111	1.55
Sebuthylazine	µg/l	0.431 ± 0.0318	0.4722 ± 0.0182	0.0401	110	0.86
Simazine	µg/l	0.115 ± 0.00822	0.1192 ± 0.0092	0.0126	104	0.22
Terbuthylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.2491 ± 0.01	0.0258	106	0.55
Terbutryn	µg/l	0.799 ± 0.0611	1.0082 ± 0.0106	0.0799	126	3.23



Sample: H106A

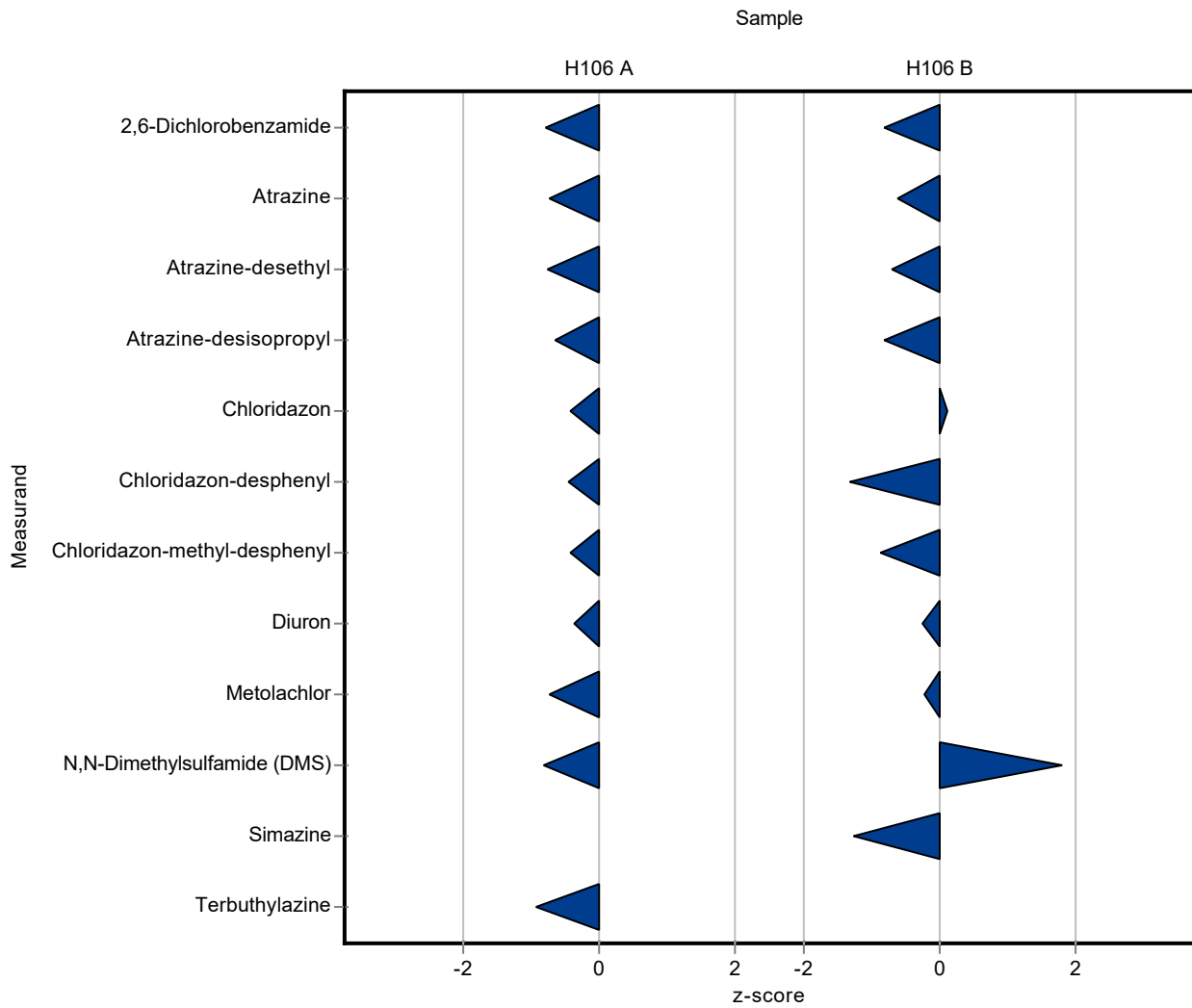
Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.395 ± 0.04	0.0674	87.9	-0.80
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.305 ± 0.031	0.0365	91.9	-0.74
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.284 ± 0.028	0.0376	90.7	-0.78
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.654 ± 0.065	0.101	91	-0.64
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	0.211 ± 0.021	0.029	94.4	-0.43
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.344 ± 0.034	0.0399	94.8	-0.47
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.073 ± 0.0073	0.0101	94.3	-0.44
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	- ± -	0.0889	-	-
Diuron	µg/l	0.444 ± 0.0257	0.422 ± 0.042	0.0577	95.1	-0.38
Metolachlor	µg/l	0.486 ± 0.0225	0.431 ± 0.043	0.0729	88.7	-0.75
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.176 ± 0.021	0.0301	87.9	-0.81
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	<0.0005 ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.152 ± 0.015	0.0186	89.7	-0.94
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	- ± -	0.0769	-	-
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.212 ± 0.021	0.0362	87.8	-0.81
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.419 ± 0.042	0.0495	93.2	-0.62
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.743 ± 0.074	0.0975	91.5	-0.71
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.189 ± 0.019	0.0299	88.6	-0.81
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-	-
Chloridazon	µg/l	0.434 ± 0.035	0.44 ± 0.044	0.0564	101	0.11
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.148 ± 0.015	0.019	85.6	-1.31
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.089 ± 0.0089	0.013	88.7	-0.87
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	- ± -	0.0435	-	-
Diuron	µg/l	0.441 ± 0.0205	0.428 ± 0.043	0.0574	96.9	-0.23
Metolachlor	µg/l	0.808 ± 0.0599	0.783 ± 0.078	0.121	96.9	-0.21
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.51 ± 0.061	0.0601	127	1.82
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-	-
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	-	-
Simazine	µg/l	0.115 ± 0.00822	0.099 ± 0.0099	0.0126	86.2	-1.25
Terbuthylazine	µg/l	- ± -	0.005 ± 0.0005	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	- ± -	0.0258	-	-
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-	-





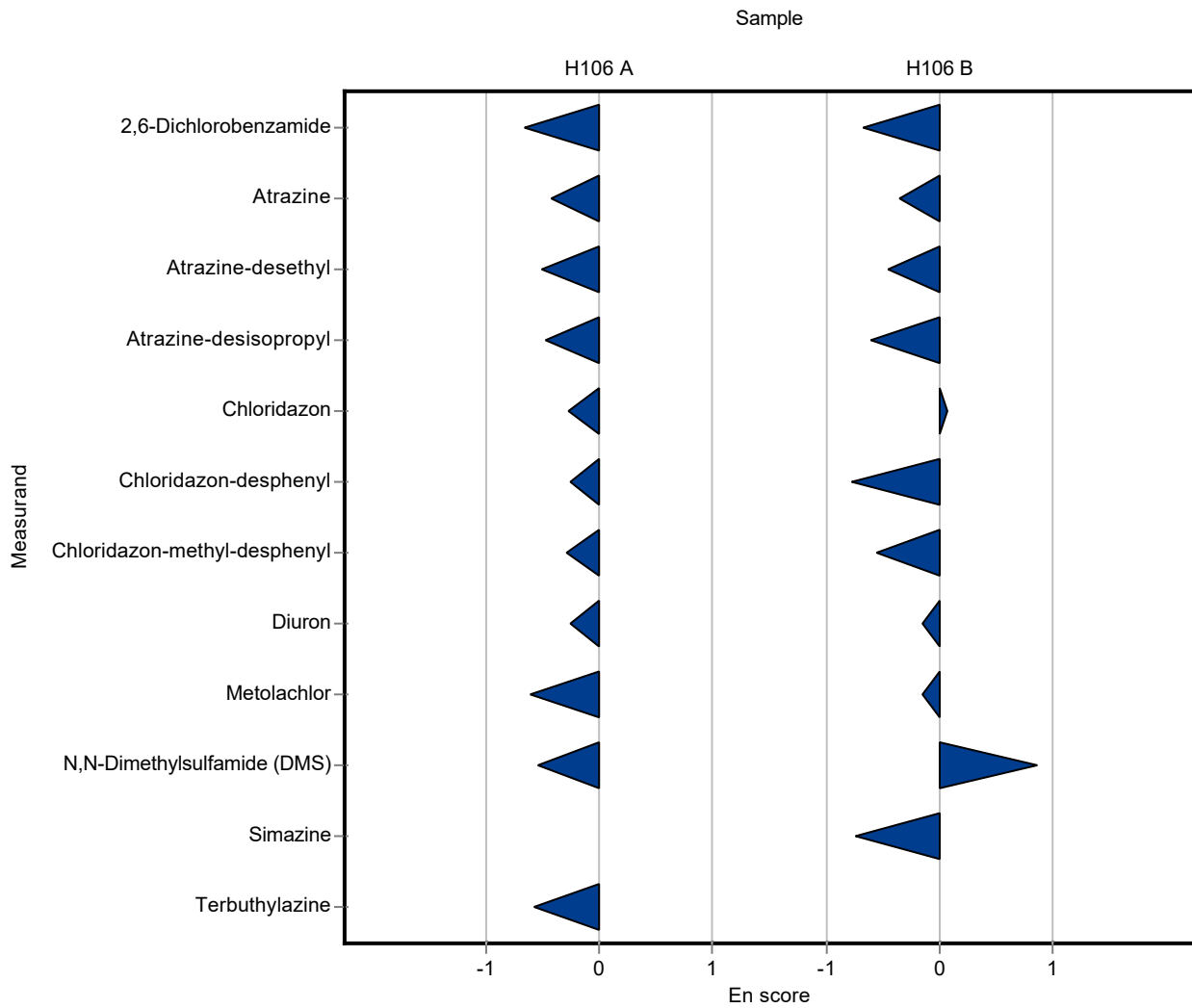
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.395 ± 0.04	0.0674	87.9	-0.66
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.305 ± 0.031	0.0365	91.9	-0.43
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.284 ± 0.028	0.0376	90.7	-0.50
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.654 ± 0.065	0.101	91	-0.47
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	0.211 ± 0.021	0.029	94.4	-0.28
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.344 ± 0.034	0.0399	94.8	-0.26
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.073 ± 0.0073	0.0101	94.3	-0.29
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	- ± -	0.0889	-	-
Diuron	µg/l	0.444 ± 0.0257	0.422 ± 0.042	0.0577	95.1	-0.25
Metolachlor	µg/l	0.486 ± 0.0225	0.431 ± 0.043	0.0729	88.7	-0.62
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.176 ± 0.021	0.0301	87.9	-0.55
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	<0.0005 ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.152 ± 0.015	0.0186	89.7	-0.57
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	- ± -	0.0769	-	-
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.212 ± 0.021	0.0362	87.8	-0.68
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	0.45 ± 0.0213	0.419 ± 0.042	0.0495	93.2	-0.35
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.743 ± 0.074	0.0975	91.5	-0.45
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.189 ± 0.019	0.0299	88.6	-0.60
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-	-
Chloridazon	µg/l	0.434 ± 0.035	0.44 ± 0.044	0.0564	101	0.06
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.148 ± 0.015	0.019	85.6	-0.77
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.089 ± 0.0089	0.013	88.7	-0.56
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	- ± -	0.0435	-	-
Diuron	µg/l	0.441 ± 0.0205	0.428 ± 0.043	0.0574	96.9	-0.15
Metolachlor	µg/l	0.808 ± 0.0599	0.783 ± 0.078	0.121	96.9	-0.15
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.51 ± 0.061	0.0601	127	0.86
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-	-
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	-	-
Simazine	µg/l	0.115 ± 0.00822	0.099 ± 0.0099	0.0126	86.2	-0.74
Terbuthylazine	µg/l	- ± -	0.005 ± 0.0005	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	- ± -	0.0258	-	-
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-	-



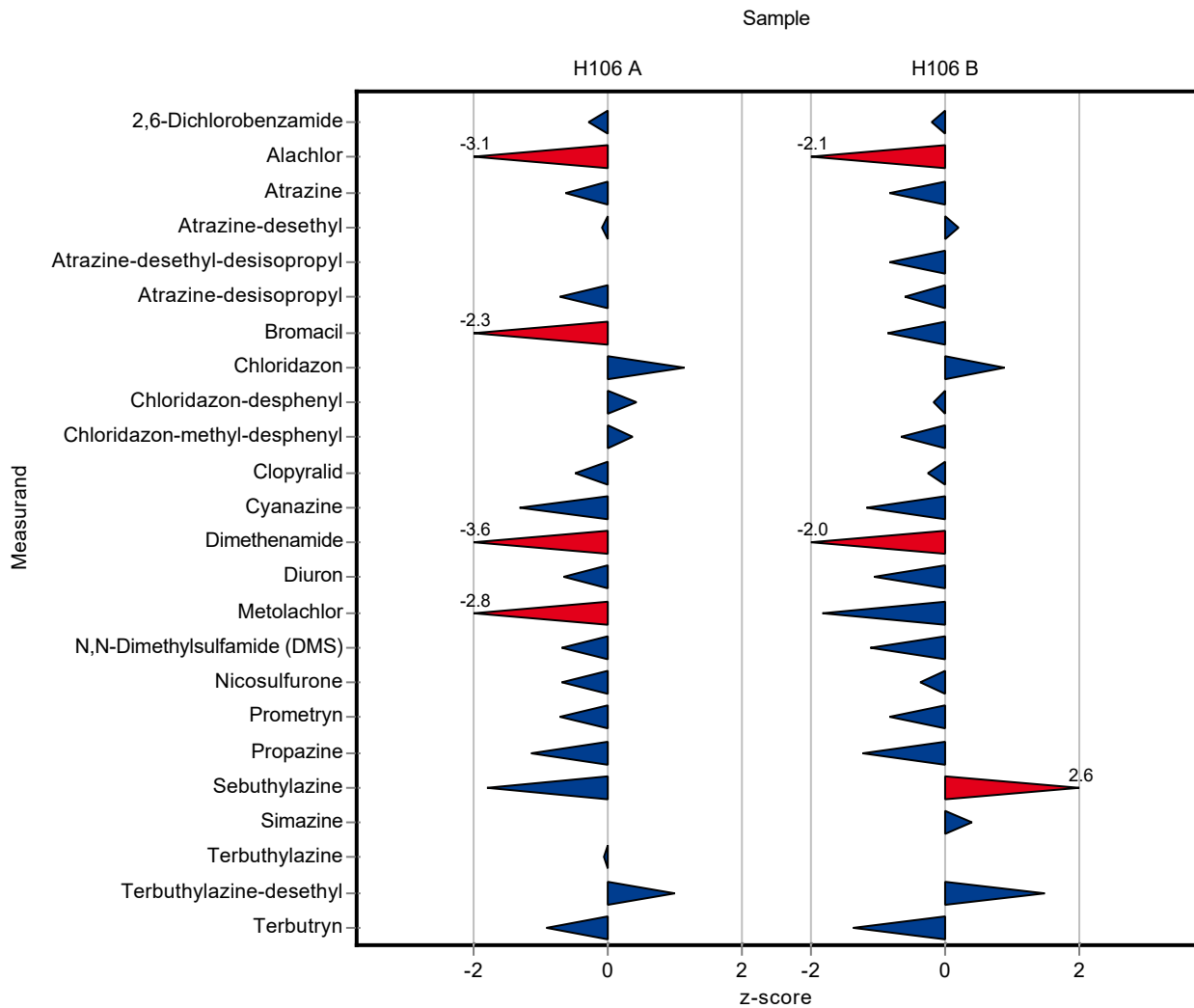
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.429 ± 0.107	0.0674	95.5	-0.30
Alachlor	µg/l	0.472 ± 0.0523	0.295 ± 0.074	0.0566	62.6	-3.12
Atrazine	µg/l	0.332 ± 0.01	0.309 ± 0.077	0.0365	93.1	-0.63
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.31 ± 0.078	0.0376	99	-0.08
Atrazine-desethyl-desisopropyl	µg/l	- ± -	0.133 ± 0.033	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.647 ± 0.162	0.101	90	-0.71
Bromacil	µg/l	0.892 ± 0.0648	0.609 ± 0.152	0.125	68.3	-2.27
Chloridazon	µg/l	0.223 ± 0.0148	0.256 ± 0.064	0.029	115	1.12
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.379 ± 0.095	0.0399	104	0.41
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.081 ± 0.02	0.0101	105	0.35
Clopyralid	µg/l	0.272 ± 0.0273	0.226 ± 0.057	0.0926	83	-0.50
Cyanazine	µg/l	0.18 ± 0.0226	0.147 ± 0.037	0.0252	81.6	-1.31
Dimethenamide	µg/l	0.898 ± 0.106	0.578 ± 0.145	0.0889	64.4	-3.60
Diuron	µg/l	0.444 ± 0.0257	0.406 ± 0.102	0.0577	91.5	-0.66
Metolachlor	µg/l	0.486 ± 0.0225	0.284 ± 0.071	0.0729	58.5	-2.77
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.179 ± 0.045	0.0301	89.4	-0.71
Nicosulfurone	µg/l	0.443 ± 0.0928	0.33 ± 0.083	0.164	74.6	-0.69
Prometryn	µg/l	0.408 ± 0.0292	0.369 ± 0.092	0.053	90.5	-0.73
Propazine	µg/l	0.433 ± 0.0312	0.368 ± 0.092	0.0563	85	-1.15
Sebuthylazine	µg/l	0.26 ± 0.0167	0.216 ± 0.054	0.0242	83.1	-1.81
Simazine	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.168 ± 0.042	0.0186	99.1	-0.08
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.776 ± 0.194	0.0769	111	1.00
Terbutryn	µg/l	0.245 ± 0.022	0.222 ± 0.056	0.0245	90.6	-0.94

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.235 ± 0.059	0.0362	97.4	-0.18
Alachlor	µg/l	0.793 ± 0.0795	0.595 ± 0.149	0.0951	75.1	-2.08

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.409 ± 0.102	0.0495	91	-0.82
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.832 ± 0.208	0.0975	102	0.20
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	0.245 ± 0.061	0.105	74.2	-0.81
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.196 ± 0.049	0.0299	91.9	-0.58
Bromacil	µg/l	0.462 ± 0.0255	0.407 ± 0.102	0.0646	88.2	-0.84
Chloridazon	µg/l	0.434 ± 0.035	0.484 ± 0.121	0.0564	112	0.89
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.17 ± 0.043	0.019	98.4	-0.15
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.092 ± 0.023	0.013	91.7	-0.64
Clopyralid	µg/l	0.421 ± 0.0297	0.387 ± 0.097	0.143	92	-0.23
Cyanazine	µg/l	0.394 ± 0.0382	0.33 ± 0.083	0.0552	83.8	-1.16
Dimethenamide	µg/l	0.44 ± 0.037	0.352 ± 0.088	0.0435	80.1	-2.01
Diuron	µg/l	0.441 ± 0.0205	0.381 ± 0.095	0.0574	86.3	-1.05
Metolachlor	µg/l	0.808 ± 0.0599	0.587 ± 0.147	0.121	72.7	-1.82
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.335 ± 0.084	0.0601	83.6	-1.09
Nicosulfurone	µg/l	0.499 ± 0.0752	0.431 ± 0.108	0.185	86.4	-0.37
Prometryn	µg/l	0.796 ± 0.0789	0.712 ± 0.178	0.104	89.4	-0.81
Propazine	µg/l	0.237 ± 0.0166	0.199 ± 0.05	0.0308	84.1	-1.23
Sebuthylazine	µg/l	0.431 ± 0.0318	0.534 ± 0.134	0.0401	124	2.58
Simazine	µg/l	0.115 ± 0.00822	0.12 ± 0.03	0.0126	104	0.41
Terbuthylazine	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.273 ± 0.068	0.0258	116	1.49
Terbutryn	µg/l	0.799 ± 0.0611	0.691 ± 0.173	0.0799	86.4	-1.36



Sample: H106A

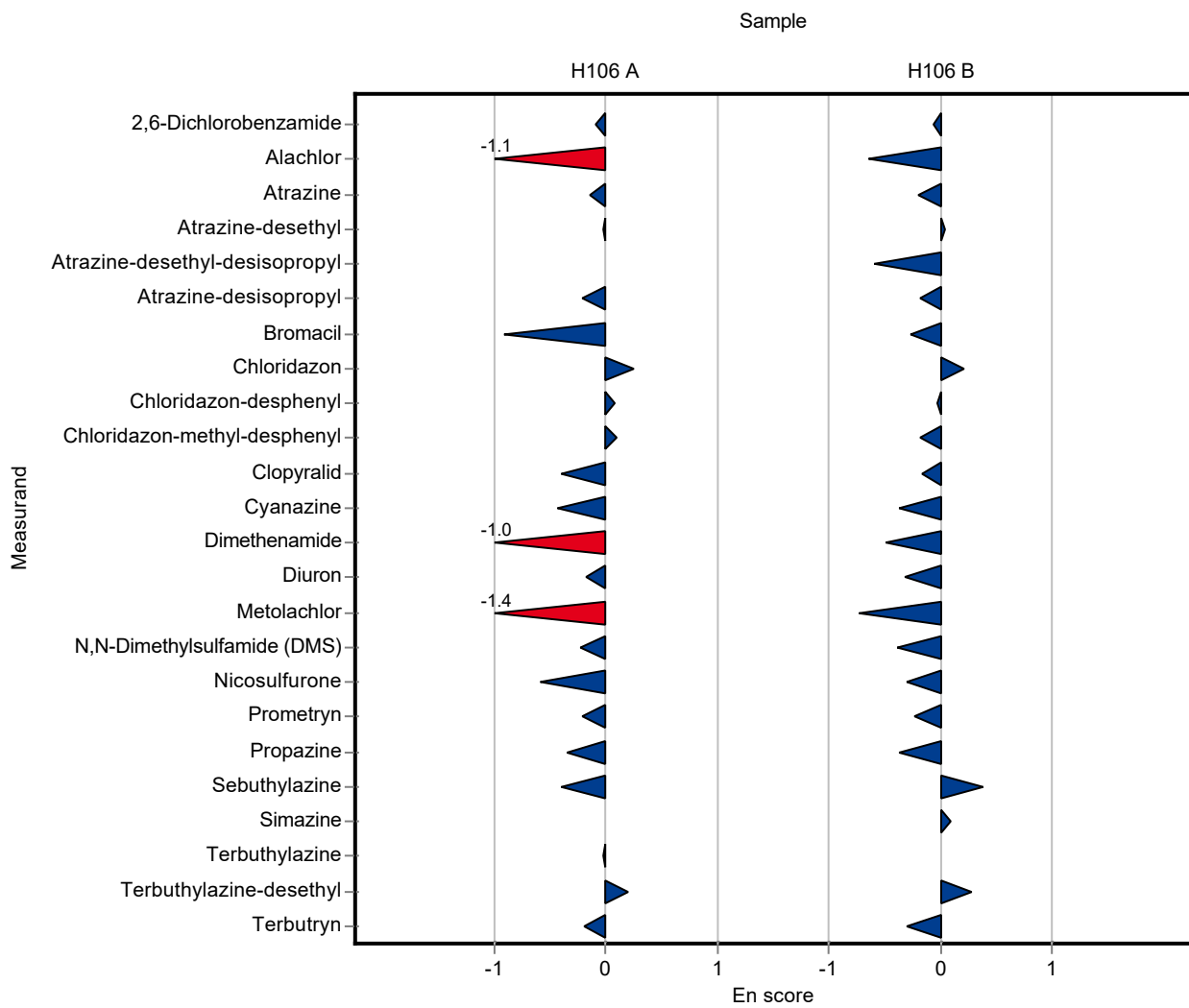
Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.429 ± 0.107	0.0674	95.5	-0.09
Alachlor	µg/l	0.472 ± 0.0523	0.295 ± 0.074	0.0566	62.6	-1.12
Atrazine	µg/l	0.332 ± 0.01	0.309 ± 0.077	0.0365	93.1	-0.15
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.31 ± 0.078	0.0376	99	-0.02
Atrazine-desethyl-desisopropyl	µg/l	- ± -	0.133 ± 0.033	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.647 ± 0.162	0.101	90	-0.22
Bromacil	µg/l	0.892 ± 0.0648	0.609 ± 0.152	0.125	68.3	-0.91
Chloridazon	µg/l	0.223 ± 0.0148	0.256 ± 0.064	0.029	115	0.25
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.379 ± 0.095	0.0399	104	0.08
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.081 ± 0.02	0.0101	105	0.09
Clopyralid	µg/l	0.272 ± 0.0273	0.226 ± 0.057	0.0926	83	-0.40
Cyanazine	µg/l	0.18 ± 0.0226	0.147 ± 0.037	0.0252	81.6	-0.43
Dimethenamide	µg/l	0.898 ± 0.106	0.578 ± 0.145	0.0889	64.4	-1.04
Diuron	µg/l	0.444 ± 0.0257	0.406 ± 0.102	0.0577	91.5	-0.18
Metolachlor	µg/l	0.486 ± 0.0225	0.284 ± 0.071	0.0729	58.5	-1.40
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.179 ± 0.045	0.0301	89.4	-0.23
Nicosulfurone	µg/l	0.443 ± 0.0928	0.33 ± 0.083	0.164	74.6	-0.59
Prometryn	µg/l	0.408 ± 0.0292	0.369 ± 0.092	0.053	90.5	-0.21
Propazine	µg/l	0.433 ± 0.0312	0.368 ± 0.092	0.0563	85	-0.35
Sebuthylazine	µg/l	0.26 ± 0.0167	0.216 ± 0.054	0.0242	83.1	-0.40
Simazine	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.168 ± 0.042	0.0186	99.1	-0.02
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.776 ± 0.194	0.0769	111	0.20
Terbutryn	µg/l	0.245 ± 0.022	0.222 ± 0.056	0.0245	90.6	-0.20

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.235 ± 0.059	0.0362	97.4	-0.05
Alachlor	µg/l	0.793 ± 0.0795	0.595 ± 0.149	0.0951	75.1	-0.64



Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	0.45 ± 0.0213	0.409 ± 0.102	0.0495	91	-0.20
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.832 ± 0.208	0.0975	102	0.05
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	0.245 ± 0.061	0.105	74.2	-0.59
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.196 ± 0.049	0.0299	91.9	-0.17
Bromacil	µg/l	0.462 ± 0.0255	0.407 ± 0.102	0.0646	88.2	-0.27
Chloridazon	µg/l	0.434 ± 0.035	0.484 ± 0.121	0.0564	112	0.20
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.17 ± 0.043	0.019	98.4	-0.03
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.092 ± 0.023	0.013	91.7	-0.18
Clopyralid	µg/l	0.421 ± 0.0297	0.387 ± 0.097	0.143	92	-0.17
Cyanazine	µg/l	0.394 ± 0.0382	0.33 ± 0.083	0.0552	83.8	-0.38
Dimethenamide	µg/l	0.44 ± 0.037	0.352 ± 0.088	0.0435	80.1	-0.49
Diuron	µg/l	0.441 ± 0.0205	0.381 ± 0.095	0.0574	86.3	-0.32
Metolachlor	µg/l	0.808 ± 0.0599	0.587 ± 0.147	0.121	72.7	-0.74
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.335 ± 0.084	0.0601	83.6	-0.39
Nicosulfurone	µg/l	0.499 ± 0.0752	0.431 ± 0.108	0.185	86.4	-0.30
Prometryn	µg/l	0.796 ± 0.0789	0.712 ± 0.178	0.104	89.4	-0.23
Propazine	µg/l	0.237 ± 0.0166	0.199 ± 0.05	0.0308	84.1	-0.37
Sebuthylazine	µg/l	0.431 ± 0.0318	0.534 ± 0.134	0.0401	124	0.38
Simazine	µg/l	0.115 ± 0.00822	0.12 ± 0.03	0.0126	104	0.09
Terbuthylazine	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.273 ± 0.068	0.0258	116	0.28
Terbutryn	µg/l	0.799 ± 0.0611	0.691 ± 0.173	0.0799	86.4	-0.31



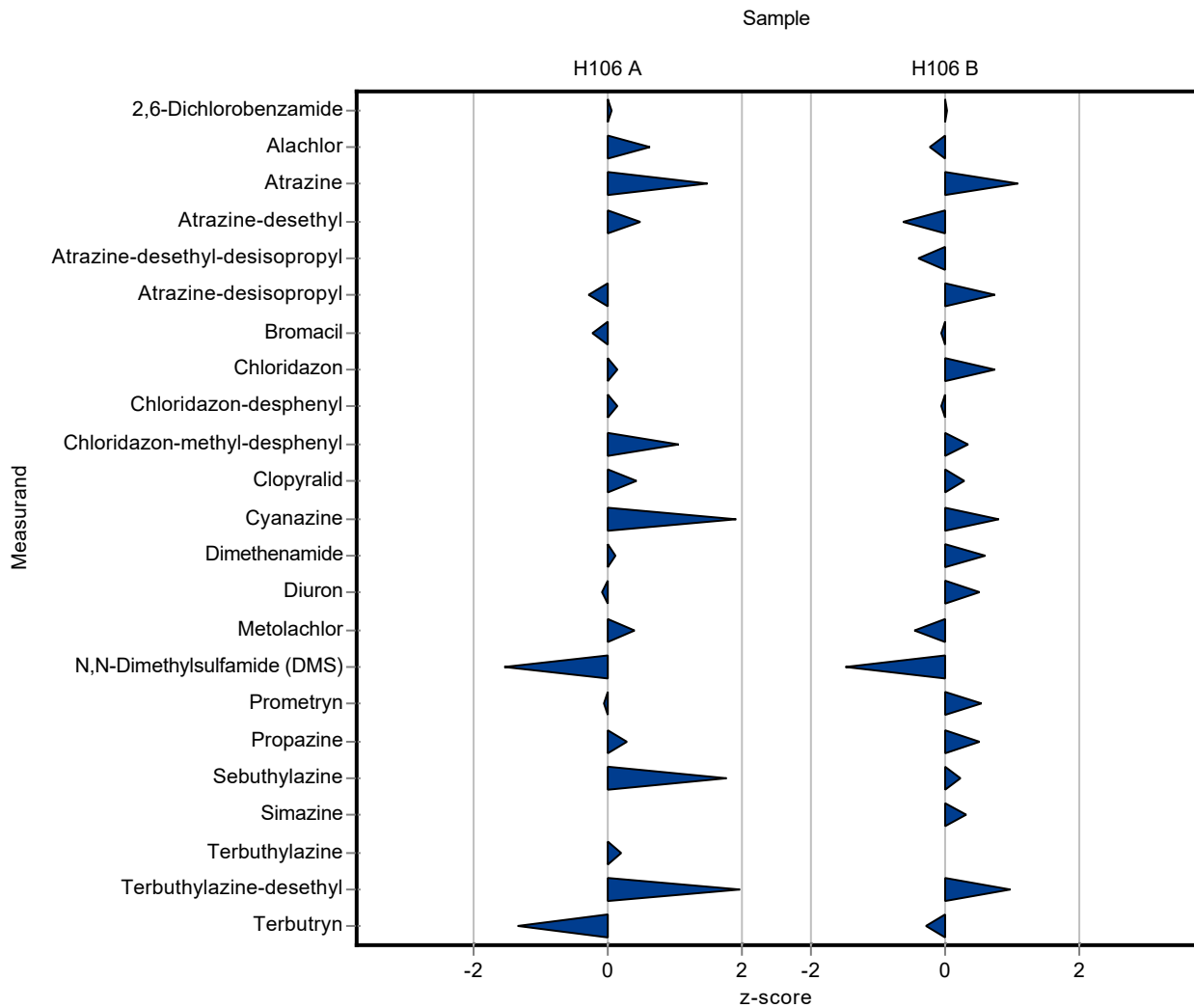
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.452 ± 0.068	0.0674	101	0.04
Alachlor	µg/l	0.472 ± 0.0523	0.506 ± 0.076	0.0566	107	0.61
Atrazine	µg/l	0.332 ± 0.01	0.386 ± 0.058	0.0365	116	1.48
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.331 ± 0.05	0.0376	106	0.47
Atrazine-desethyl-desisopropyl	µg/l	- ± -	0.142 ± 0.021	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.69 ± 0.103	0.101	96	-0.28
Bromacil	µg/l	0.892 ± 0.0648	0.862 ± 0.129	0.125	96.6	-0.24
Chloridazon	µg/l	0.223 ± 0.0148	0.227 ± 0.034	0.029	102	0.12
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.368 ± 0.055	0.0399	101	0.13
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.088 ± 0.013	0.0101	114	1.05
Clopyralid	µg/l	0.272 ± 0.0273	0.31 ± 0.047	0.0926	114	0.41
Cyanazine	µg/l	0.18 ± 0.0226	0.228 ± 0.034	0.0252	127	1.90
Dimethenamide	µg/l	0.898 ± 0.106	0.908 ± 0.136	0.0889	101	0.12
Diuron	µg/l	0.444 ± 0.0257	0.438 ± 0.066	0.0577	98.7	-0.10
Metolachlor	µg/l	0.486 ± 0.0225	0.515 ± 0.077	0.0729	106	0.40
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.154 ± 0.023	0.0301	76.9	-1.54
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	0.404 ± 0.061	0.053	99.1	-0.07
Propazine	µg/l	0.433 ± 0.0312	0.448 ± 0.067	0.0563	104	0.27
Sebuthylazine	µg/l	0.26 ± 0.0167	0.302 ± 0.045	0.0242	116	1.75
Simazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.173 ± 0.026	0.0186	102	0.19
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.849 ± 0.127	0.0769	121	1.95
Terbutryn	µg/l	0.245 ± 0.022	0.212 ± 0.032	0.0245	86.6	-1.34

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.243 ± 0.036	0.0362	101	0.04
Alachlor	µg/l	0.793 ± 0.0795	0.772 ± 0.115	0.0951	97.4	-0.22

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.503 ± 0.075	0.0495	112	1.08
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.752 ± 0.112	0.0975	92.6	-0.62
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	0.289 ± 0.043	0.105	87.5	-0.39
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.236 ± 0.035	0.0299	111	0.76
Bromacil	µg/l	0.462 ± 0.0255	0.459 ± 0.069	0.0646	99.4	-0.04
Chloridazon	µg/l	0.434 ± 0.035	0.476 ± 0.071	0.0564	110	0.75
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.172 ± 0.026	0.019	99.5	-0.04
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.105 ± 0.016	0.013	105	0.36
Clopyralid	µg/l	0.421 ± 0.0297	0.462 ± 0.069	0.143	110	0.29
Cyanazine	µg/l	0.394 ± 0.0382	0.438 ± 0.066	0.0552	111	0.80
Dimethenamide	µg/l	0.44 ± 0.037	0.466 ± 0.07	0.0435	106	0.61
Diuron	µg/l	0.441 ± 0.0205	0.472 ± 0.071	0.0574	107	0.53
Metolachlor	µg/l	0.808 ± 0.0599	0.755 ± 0.113	0.121	93.4	-0.44
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.312 ± 0.047	0.0601	77.8	-1.48
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	0.853 ± 0.128	0.104	107	0.55
Propazine	µg/l	0.237 ± 0.0166	0.253 ± 0.038	0.0308	107	0.53
Sebuthylazine	µg/l	0.431 ± 0.0318	0.44 ± 0.066	0.0401	102	0.23
Simazine	µg/l	0.115 ± 0.00822	0.119 ± 0.018	0.0126	104	0.33
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.26 ± 0.039	0.0258	111	0.99
Terbutryn	µg/l	0.799 ± 0.0611	0.777 ± 0.117	0.0799	97.2	-0.28



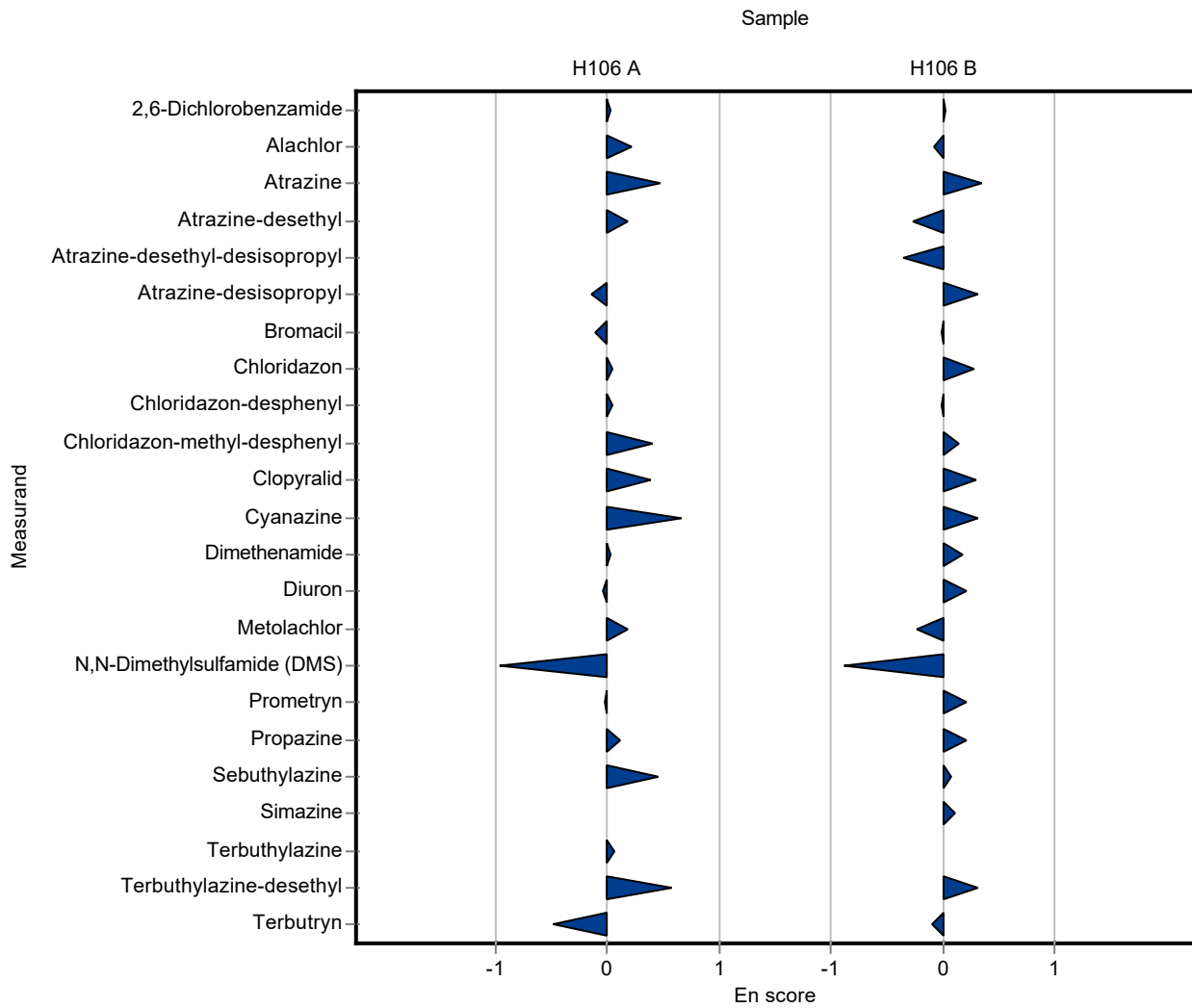
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.452 ± 0.068	0.0674	101	0.02
Alachlor	µg/l	0.472 ± 0.0523	0.506 ± 0.076	0.0566	107	0.21
Atrazine	µg/l	0.332 ± 0.01	0.386 ± 0.058	0.0365	116	0.47
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.331 ± 0.05	0.0376	106	0.18
Atrazine-desethyl-desisopropyl	µg/l	- ± -	0.142 ± 0.021	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.69 ± 0.103	0.101	96	-0.14
Bromacil	µg/l	0.892 ± 0.0648	0.862 ± 0.129	0.125	96.6	-0.11
Chloridazon	µg/l	0.223 ± 0.0148	0.227 ± 0.034	0.029	102	0.05
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.368 ± 0.055	0.0399	101	0.05
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.088 ± 0.013	0.0101	114	0.40
Clopyralid	µg/l	0.272 ± 0.0273	0.31 ± 0.047	0.0926	114	0.38
Cyanazine	µg/l	0.18 ± 0.0226	0.228 ± 0.034	0.0252	127	0.67
Dimethenamide	µg/l	0.898 ± 0.106	0.908 ± 0.136	0.0889	101	0.04
Diuron	µg/l	0.444 ± 0.0257	0.438 ± 0.066	0.0577	98.7	-0.04
Metolachlor	µg/l	0.486 ± 0.0225	0.515 ± 0.077	0.0729	106	0.19
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.154 ± 0.023	0.0301	76.9	-0.96
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	0.404 ± 0.061	0.053	99.1	-0.03
Propazine	µg/l	0.433 ± 0.0312	0.448 ± 0.067	0.0563	104	0.11
Sebuthylazine	µg/l	0.26 ± 0.0167	0.302 ± 0.045	0.0242	116	0.46
Simazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.173 ± 0.026	0.0186	102	0.07
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.849 ± 0.127	0.0769	121	0.58
Terbutryn	µg/l	0.245 ± 0.022	0.212 ± 0.032	0.0245	86.6	-0.49

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.243 ± 0.036	0.0362	101	0.02
Alachlor	µg/l	0.793 ± 0.0795	0.772 ± 0.115	0.0951	97.4	-0.09

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	0.45 ± 0.0213	0.503 ± 0.075	0.0495	112	0.35
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.752 ± 0.112	0.0975	92.6	-0.26
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	0.289 ± 0.043	0.105	87.5	-0.35
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.236 ± 0.035	0.0299	111	0.32
Bromacil	µg/l	0.462 ± 0.0255	0.459 ± 0.069	0.0646	99.4	-0.02
Chloridazon	µg/l	0.434 ± 0.035	0.476 ± 0.071	0.0564	110	0.29
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.172 ± 0.026	0.019	99.5	-0.02
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.105 ± 0.016	0.013	105	0.14
Clopyralid	µg/l	0.421 ± 0.0297	0.462 ± 0.069	0.143	110	0.29
Cyanazine	µg/l	0.394 ± 0.0382	0.438 ± 0.066	0.0552	111	0.32
Dimethenamide	µg/l	0.44 ± 0.037	0.466 ± 0.07	0.0435	106	0.18
Diuron	µg/l	0.441 ± 0.0205	0.472 ± 0.071	0.0574	107	0.21
Metolachlor	µg/l	0.808 ± 0.0599	0.755 ± 0.113	0.121	93.4	-0.23
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.312 ± 0.047	0.0601	77.8	-0.89
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	0.853 ± 0.128	0.104	107	0.21
Propazine	µg/l	0.237 ± 0.0166	0.253 ± 0.038	0.0308	107	0.21
Sebuthylazine	µg/l	0.431 ± 0.0318	0.44 ± 0.066	0.0401	102	0.07
Simazine	µg/l	0.115 ± 0.00822	0.119 ± 0.018	0.0126	104	0.11
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.26 ± 0.039	0.0258	111	0.32
Terbutryn	µg/l	0.799 ± 0.0611	0.777 ± 0.117	0.0799	97.2	-0.09





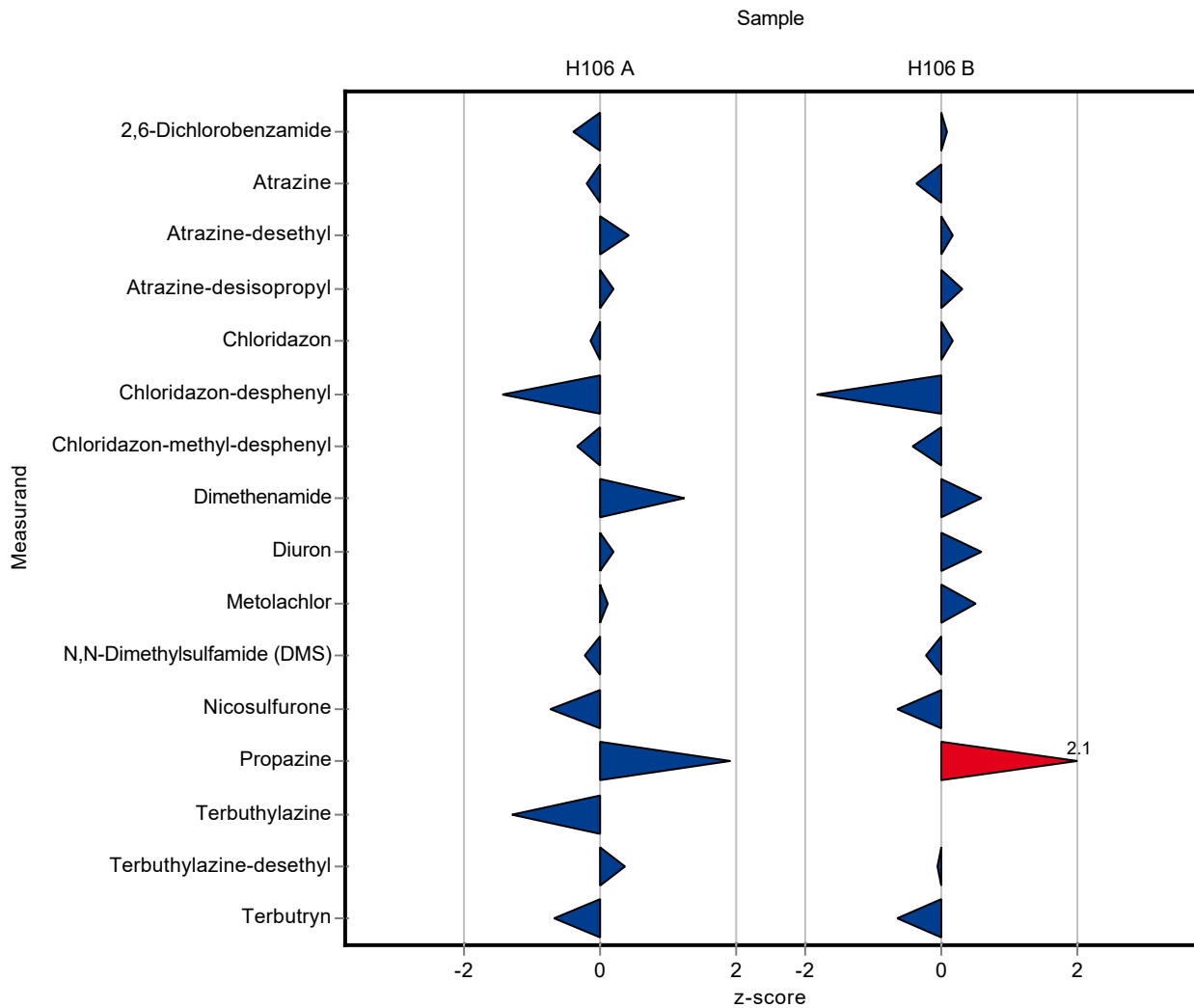
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.423 ± 0.076	0.0674	94.2	-0.39
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.325 ± 0.062	0.0365	97.9	-0.19
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.329 ± 0.089	0.0376	105	0.42
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.739 ± 0.067	0.101	103	0.20
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	0.219 ± 0.035	0.029	98	-0.15
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.305 ± 0.055	0.0399	84.1	-1.45
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.074 ± 0.014	0.0101	95.6	-0.34
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	1.0065 ± 0.25	0.0889	112	1.22
Diuron	µg/l	0.444 ± 0.0257	0.455 ± 0.077	0.0577	102	0.19
Metolachlor	µg/l	0.486 ± 0.0225	0.493 ± 0.079	0.0729	101	0.10
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.193 ± 0.039	0.0301	96.4	-0.24
Nicosulfurone	µg/l	0.443 ± 0.0928	0.324 ± 0.055	0.164	73.2	-0.72
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	0.54 ± 0.081	0.0563	125	1.90
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	- ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.145 ± 0.02	0.0186	85.6	-1.31
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.728 ± 0.146	0.0769	104	0.37
Terbutryn	µg/l	0.245 ± 0.022	0.228 ± 0.046	0.0245	93.1	-0.69

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.245 ± 0.044	0.0362	102	0.10
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.432 ± 0.082	0.0495	96.1	-0.35
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.828 ± 0.224	0.0975	102	0.16
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.223 ± 0.02	0.0299	105	0.33
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-	-
Chloridazon	µg/l	0.434 ± 0.035	0.444 ± 0.071	0.0564	102	0.18
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.138 ± 0.025	0.019	79.8	-1.83
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.095 ± 0.018	0.013	94.7	-0.41
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	0.466 ± 0.117	0.0435	106	0.61
Diuron	µg/l	0.441 ± 0.0205	0.475 ± 0.081	0.0574	108	0.58
Metolachlor	µg/l	0.808 ± 0.0599	0.871 ± 0.139	0.121	108	0.52
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.388 ± 0.078	0.0601	96.8	-0.21
Nicosulfurone	µg/l	0.499 ± 0.0752	0.38 ± 0.065	0.185	76.2	-0.64
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	0.302 ± 0.045	0.0308	128	2.12
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	-	-
Simazine	µg/l	0.115 ± 0.00822	- ± -	0.0126	-	-
Terbuthylazine	µg/l	- ± -	0.013 ± 0.002	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.233 ± 0.047	0.0258	99.3	-0.06
Terbutryn	µg/l	0.799 ± 0.0611	0.747 ± 0.149	0.0799	93.4	-0.66



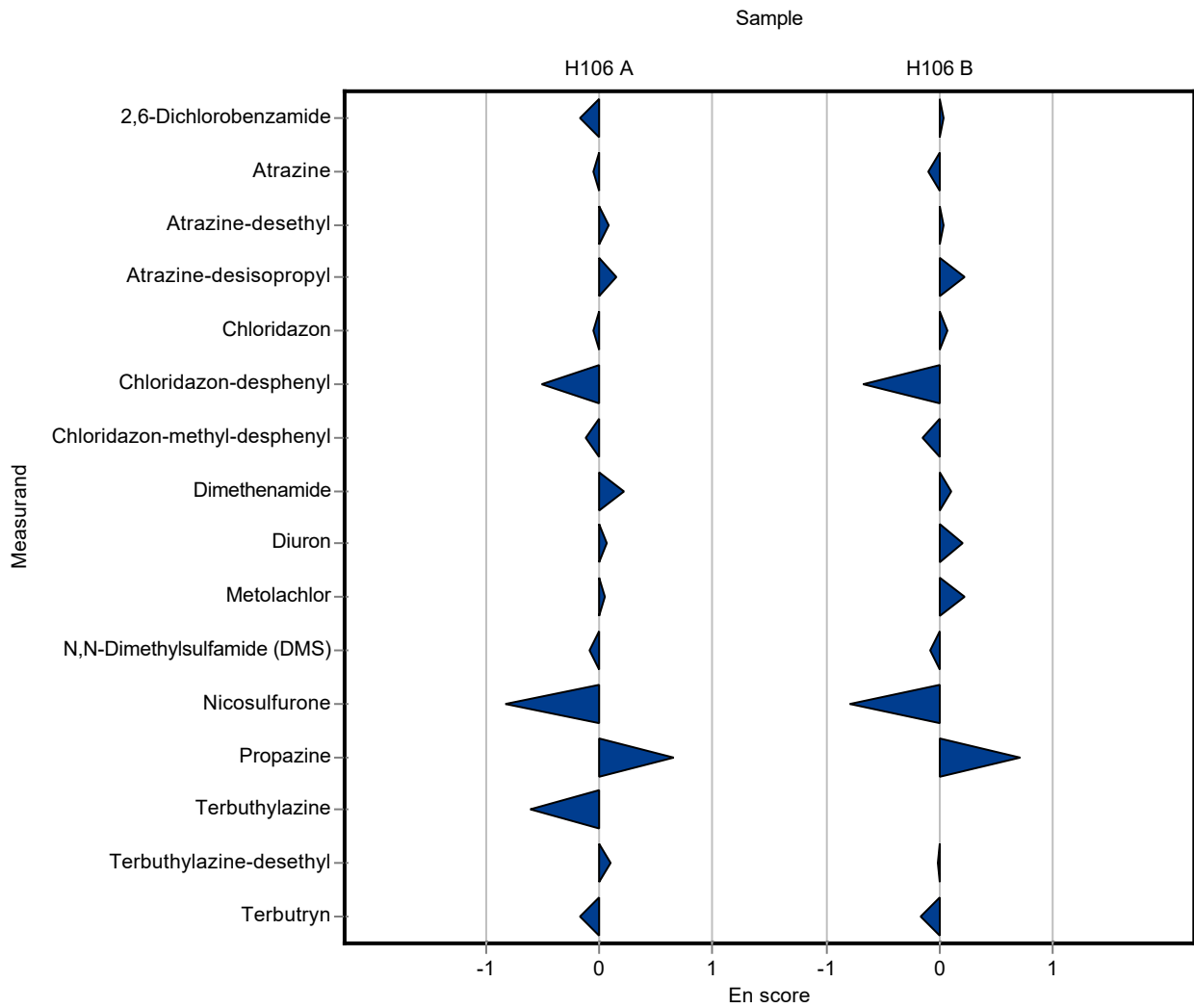
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.423 ± 0.076	0.0674	94.2	-0.17
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.325 ± 0.062	0.0365	97.9	-0.06
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.329 ± 0.089	0.0376	105	0.09
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.739 ± 0.067	0.101	103	0.15
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	0.219 ± 0.035	0.029	98	-0.06
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.305 ± 0.055	0.0399	84.1	-0.51
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.074 ± 0.014	0.0101	95.6	-0.12
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	1.0065 ± 0.25	0.0889	112	0.21
Diuron	µg/l	0.444 ± 0.0257	0.455 ± 0.077	0.0577	102	0.07
Metolachlor	µg/l	0.486 ± 0.0225	0.493 ± 0.079	0.0729	101	0.05
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.193 ± 0.039	0.0301	96.4	-0.09
Nicosulfurone	µg/l	0.443 ± 0.0928	0.324 ± 0.055	0.164	73.2	-0.82
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	0.54 ± 0.081	0.0563	125	0.65
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	- ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.145 ± 0.02	0.0186	85.6	-0.60
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.728 ± 0.146	0.0769	104	0.10
Terbutryn	µg/l	0.245 ± 0.022	0.228 ± 0.046	0.0245	93.1	-0.18

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.245 ± 0.044	0.0362	102	0.04
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	0.45 ± 0.0213	0.432 ± 0.082	0.0495	96.1 -0.11
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.828 ± 0.224	0.0975	102 0.03
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	- -
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.223 ± 0.02	0.0299	105 0.23
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	- -
Chloridazon	µg/l	0.434 ± 0.035	0.444 ± 0.071	0.0564	102 0.07
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.138 ± 0.025	0.019	79.8 -0.68
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.095 ± 0.018	0.013	94.7 -0.14
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	- -
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	- -
Dimethenamide	µg/l	0.44 ± 0.037	0.466 ± 0.117	0.0435	106 0.11
Diuron	µg/l	0.441 ± 0.0205	0.475 ± 0.081	0.0574	108 0.20
Metolachlor	µg/l	0.808 ± 0.0599	0.871 ± 0.139	0.121	108 0.22
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.388 ± 0.078	0.0601	96.8 -0.08
Nicosulfurone	µg/l	0.499 ± 0.0752	0.38 ± 0.065	0.185	76.2 -0.79
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	- -
Propazine	µg/l	0.237 ± 0.0166	0.302 ± 0.045	0.0308	128 0.71
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	- -
Simazine	µg/l	0.115 ± 0.00822	- ± -	0.0126	- -
Terbuthylazine	µg/l	- ± -	0.013 ± 0.002	-	- -
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.233 ± 0.047	0.0258	99.3 -0.02
Terbutryn	µg/l	0.799 ± 0.0611	0.747 ± 0.149	0.0799	93.4 -0.17



Sample: H106A

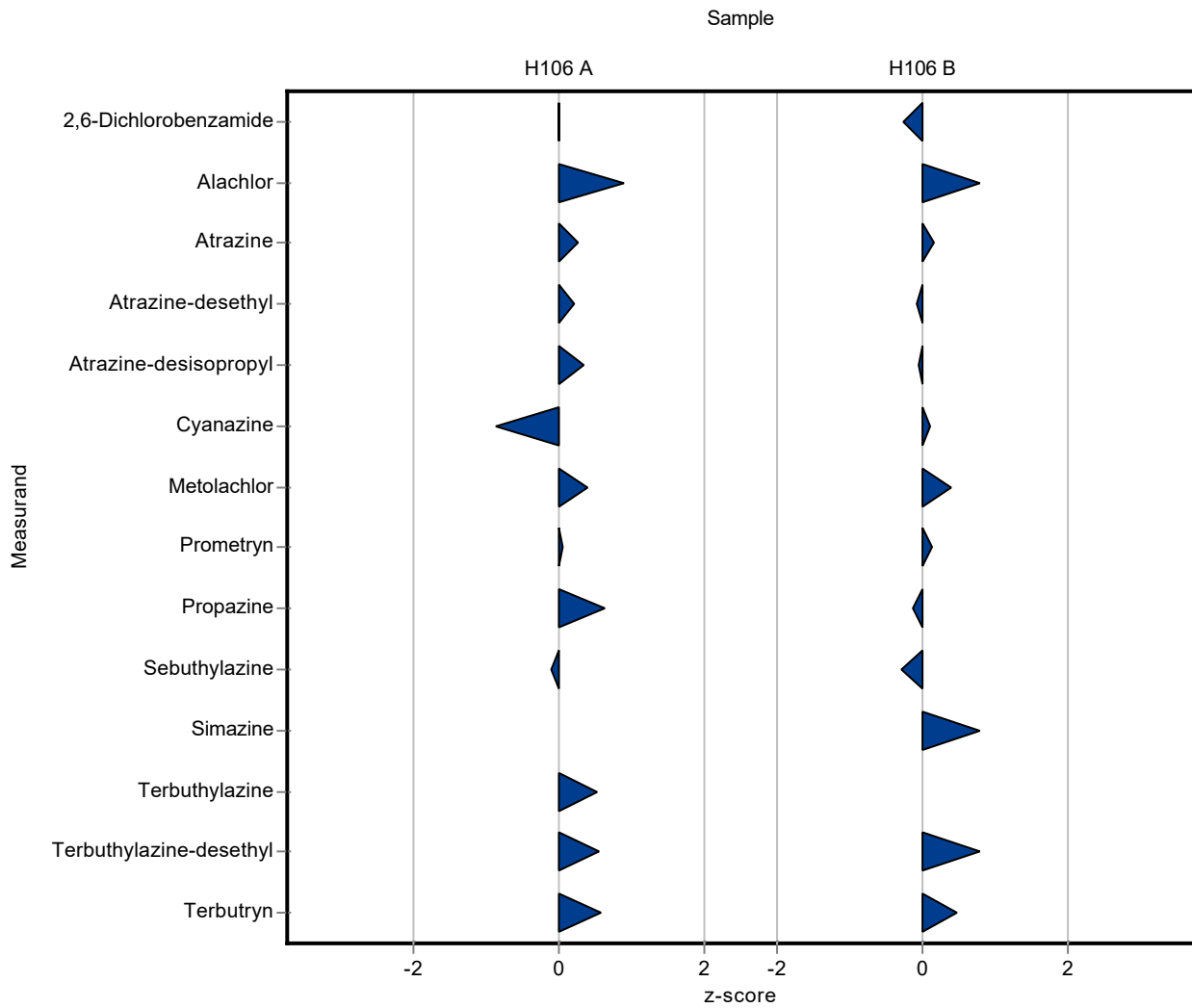
Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.449 ± 0.008	0.0674	100	0.00
Alachlor	µg/l	0.472 ± 0.0523	0.522 ± 0.01	0.0566	111	0.89
Atrazine	µg/l	0.332 ± 0.01	0.341 ± 0.007	0.0365	103	0.25
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.321 ± 0.006	0.0376	102	0.21
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.753 ± 0.014	0.101	105	0.34
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	- ± -	0.029	-	-
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	- ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	- ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	0.158 ± 0.005	0.0252	87.7	-0.88
Dimethenamide	µg/l	0.898 ± 0.106	- ± -	0.0889	-	-
Diuron	µg/l	0.444 ± 0.0257	- ± -	0.0577	-	-
Metolachlor	µg/l	0.486 ± 0.0225	0.514 ± 0.009	0.0729	106	0.39
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	0.41 ± 0.006	0.053	101	0.05
Propazine	µg/l	0.433 ± 0.0312	0.468 ± 0.009	0.0563	108	0.63
Sebuthylazine	µg/l	0.26 ± 0.0167	0.257 ± 0.006	0.0242	98.9	-0.12
Simazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.179 ± 0.006	0.0186	106	0.51
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.741 ± 0.012	0.0769	106	0.54
Terbutryn	µg/l	0.245 ± 0.022	0.259 ± 0.006	0.0245	106	0.57

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.232 ± 0.008	0.0362	96.1	-0.26
Alachlor	µg/l	0.793 ± 0.0795	0.868 ± 0.018	0.0951	109	0.79

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.458 ± 0.007	0.0495	102	0.17
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.806 ± 0.013	0.0975	99.2	-0.06
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.212 ± 0.007	0.0299	99.4	-0.04
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-	-
Chloridazon	µg/l	0.434 ± 0.035	- ± -	0.0564	-	-
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	- ± -	0.019	-	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	- ± -	0.013	-	-
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	0.4 ± 0.006	0.0552	102	0.11
Dimethenamide	µg/l	0.44 ± 0.037	- ± -	0.0435	-	-
Diuron	µg/l	0.441 ± 0.0205	- ± -	0.0574	-	-
Metolachlor	µg/l	0.808 ± 0.0599	0.855 ± 0.018	0.121	106	0.39
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	0.81 ± 0.011	0.104	102	0.13
Propazine	µg/l	0.237 ± 0.0166	0.233 ± 0.009	0.0308	98.4	-0.12
Sebuthylazine	µg/l	0.431 ± 0.0318	0.419 ± 0.007	0.0401	97.3	-0.29
Simazine	µg/l	0.115 ± 0.00822	0.125 ± 0.007	0.0126	109	0.81
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.255 ± 0.006	0.0258	109	0.79
Terbutryn	µg/l	0.799 ± 0.0611	0.837 ± 0.014	0.0799	105	0.47





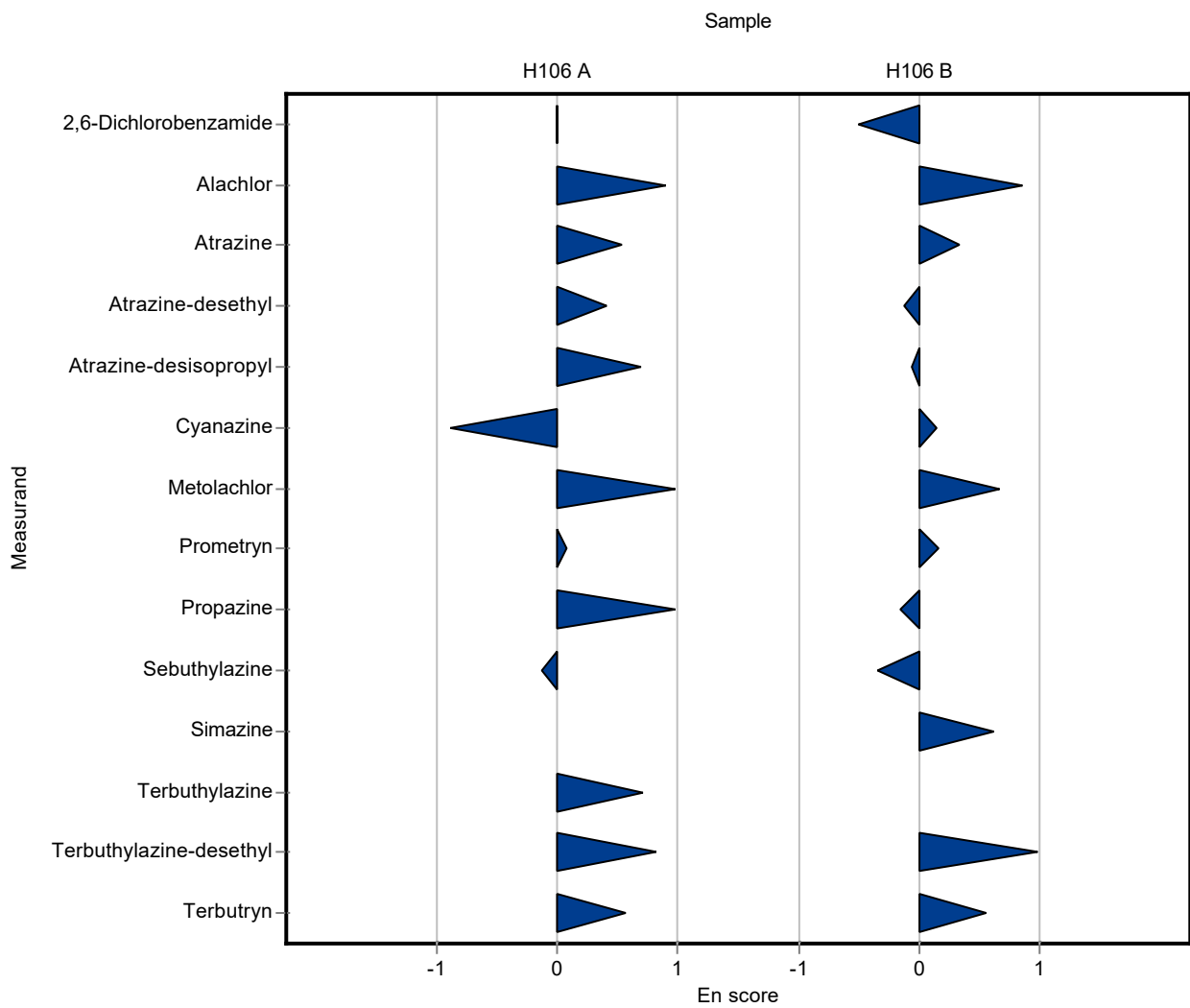
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.449 ± 0.008	0.0674	100	-0.01
Alachlor	µg/l	0.472 ± 0.0523	0.522 ± 0.01	0.0566	111	0.90
Atrazine	µg/l	0.332 ± 0.01	0.341 ± 0.007	0.0365	103	0.53
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.321 ± 0.006	0.0376	102	0.41
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.753 ± 0.014	0.101	105	0.69
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	- ± -	0.029	-	-
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	- ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	- ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	0.158 ± 0.005	0.0252	87.7	-0.89
Dimethenamide	µg/l	0.898 ± 0.106	- ± -	0.0889	-	-
Diuron	µg/l	0.444 ± 0.0257	- ± -	0.0577	-	-
Metolachlor	µg/l	0.486 ± 0.0225	0.514 ± 0.009	0.0729	106	0.98
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	0.41 ± 0.006	0.053	101	0.08
Propazine	µg/l	0.433 ± 0.0312	0.468 ± 0.009	0.0563	108	0.98
Sebuthylazine	µg/l	0.26 ± 0.0167	0.257 ± 0.006	0.0242	98.9	-0.14
Simazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.179 ± 0.006	0.0186	106	0.71
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.741 ± 0.012	0.0769	106	0.82
Terbutryn	µg/l	0.245 ± 0.022	0.259 ± 0.006	0.0245	106	0.56

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.232 ± 0.008	0.0362	96.1	-0.50
Alachlor	µg/l	0.793 ± 0.0795	0.868 ± 0.018	0.0951	109	0.86

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score	
Atrazine	µg/l	0.45 ± 0.0213	0.458 ± 0.007	0.0495	102	0.33
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.806 ± 0.013	0.0975	99.2	-0.12
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.212 ± 0.007	0.0299	99.4	-0.06
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-	-
Chloridazon	µg/l	0.434 ± 0.035	- ± -	0.0564	-	-
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	- ± -	0.019	-	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	- ± -	0.013	-	-
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	0.4 ± 0.006	0.0552	102	0.15
Dimethenamide	µg/l	0.44 ± 0.037	- ± -	0.0435	-	-
Diuron	µg/l	0.441 ± 0.0205	- ± -	0.0574	-	-
Metolachlor	µg/l	0.808 ± 0.0599	0.855 ± 0.018	0.121	106	0.67
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	0.81 ± 0.011	0.104	102	0.17
Propazine	µg/l	0.237 ± 0.0166	0.233 ± 0.009	0.0308	98.4	-0.15
Sebuthylazine	µg/l	0.431 ± 0.0318	0.419 ± 0.007	0.0401	97.3	-0.34
Simazine	µg/l	0.115 ± 0.00822	0.125 ± 0.007	0.0126	109	0.63
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.255 ± 0.006	0.0258	109	0.98
Terbutryn	µg/l	0.799 ± 0.0611	0.837 ± 0.014	0.0799	105	0.56



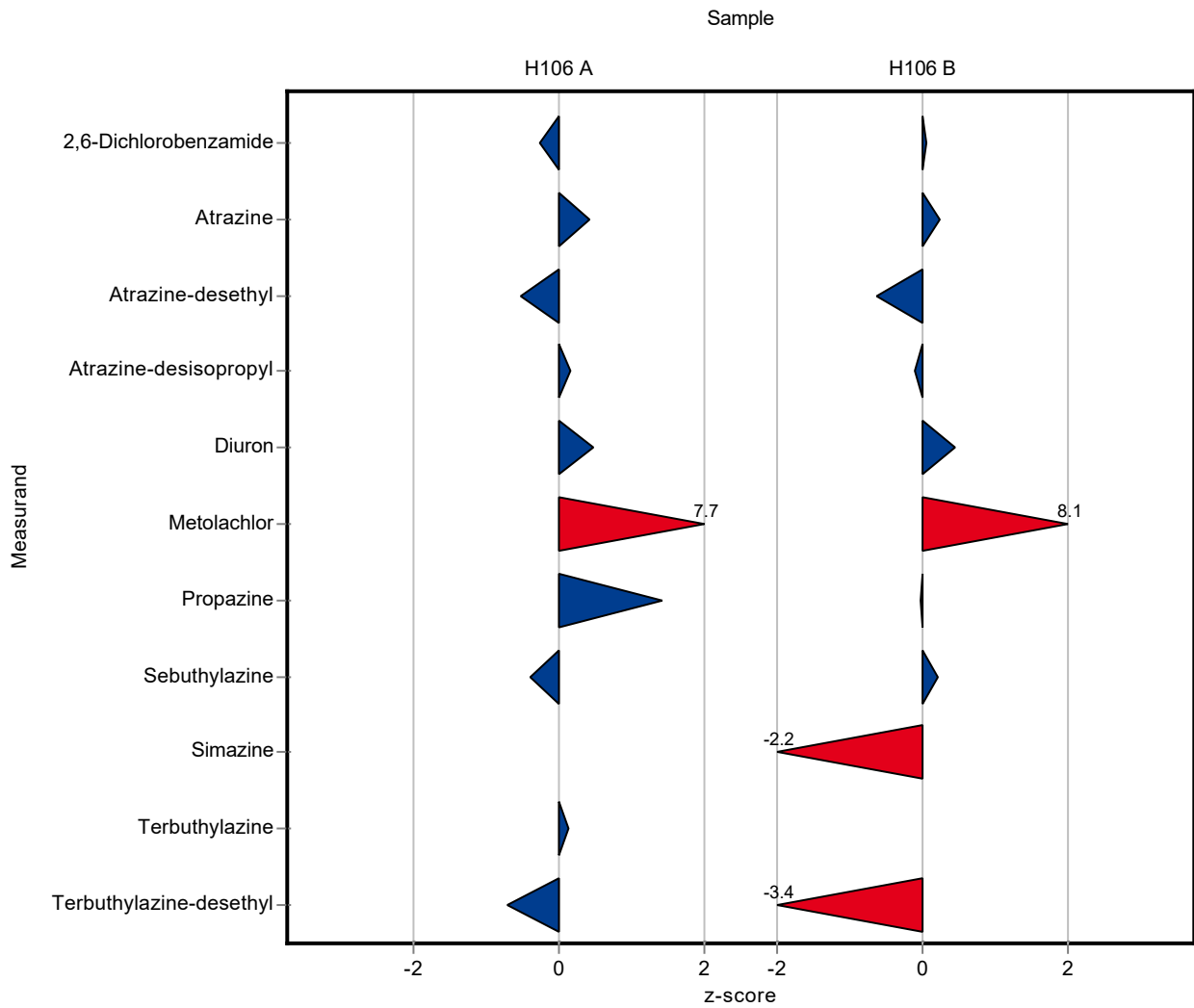
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.431 ± 0.13	0.0674	96	-0.27
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.347 ± 0.07	0.0365	105	0.41
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.293 ± 0.06	0.0376	93.6	-0.54
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.733 ± 0.134	0.101	102	0.14
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	- ± -	0.029	-	-
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	- ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	- ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	- ± -	0.0889	-	-
Diuron	µg/l	0.444 ± 0.0257	0.471 ± 0.076	0.0577	106	0.47
Metolachlor	µg/l	0.486 ± 0.0225	1.05 ± 0.278	0.0729	216	7.74
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	0.513 ± 0.11	0.0563	119	1.42
Sebuthylazine	µg/l	0.26 ± 0.0167	0.25 ± 0.06	0.0242	96.2	-0.41
Simazine	µg/l	- ± -	<0.05 (LOD) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.172 ± 0.042	0.0186	101	0.14
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.644 ± 0.146	0.0769	92.1	-0.72
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.243 ± 0.073	0.0362	101	0.04
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.461 ± 0.093	0.0495	103	0.23
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.751 ± 0.153	0.0975	92.5	-0.63
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.21 ± 0.038	0.0299	98.5	-0.11
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-	-
Chloridazon	µg/l	0.434 ± 0.035	- ± -	0.0564	-	-
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	- ± -	0.019	-	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	- ± -	0.013	-	-
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	- ± -	0.0435	-	-
Diuron	µg/l	0.441 ± 0.0205	0.468 ± 0.076	0.0574	106	0.46
Metolachlor	µg/l	0.808 ± 0.0599	1.785 ± 0.472	0.121	221	8.06
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	0.236 ± 0.051	0.0308	99.7	-0.02
Sebuthylazine	µg/l	0.431 ± 0.0318	0.439 ± 0.106	0.0401	102	0.20
Simazine	µg/l	0.115 ± 0.00822	0.087 ± 0.021	0.0126	75.8	-2.20
Terbuthylazine	µg/l	- ± -	<0.05 (LOD) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.148 ± 0.033	0.0258	63.1	-3.36
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-	-



Sample: H106A

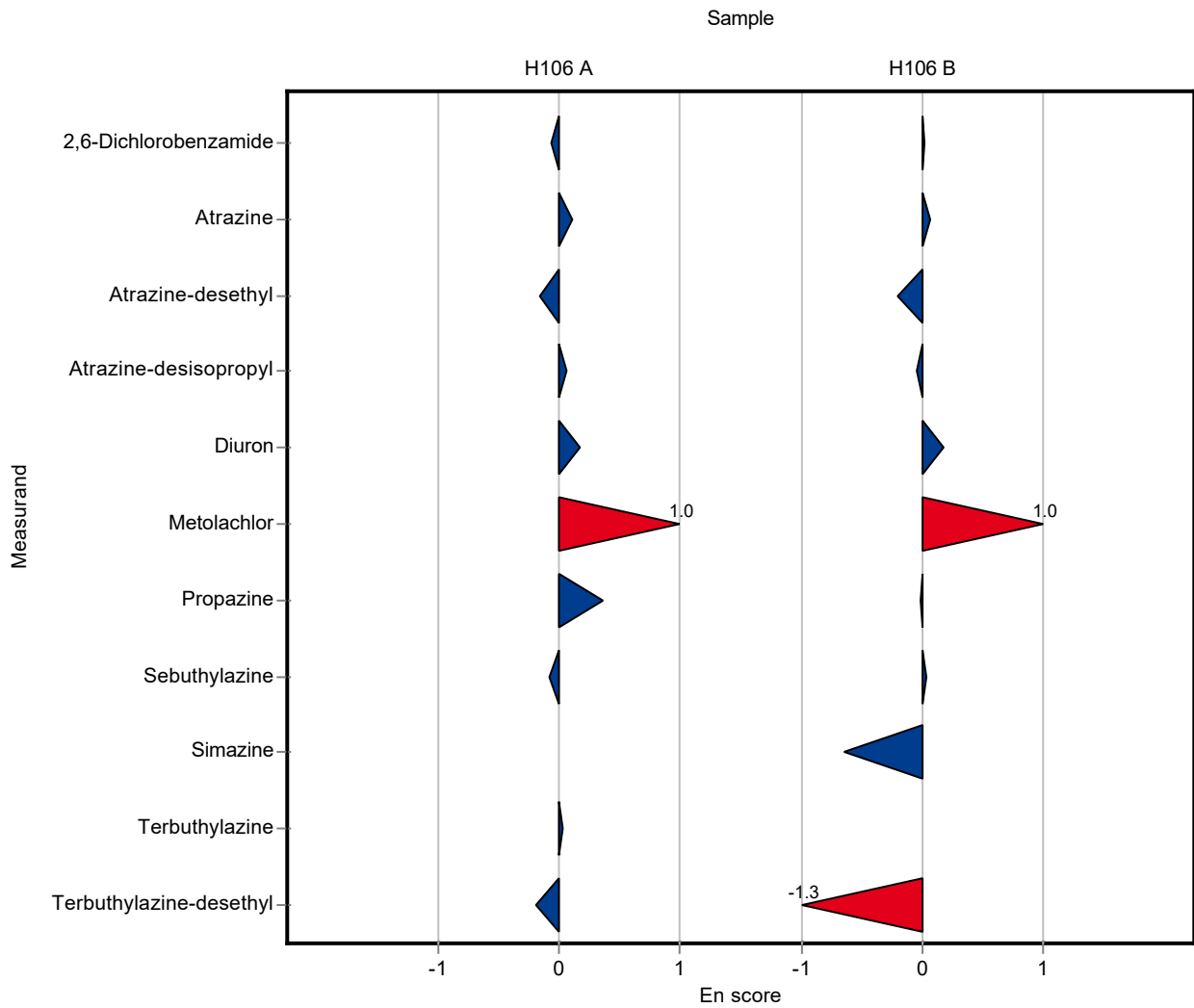
Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.431 ± 0.13	0.0674	96	-0.07
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.347 ± 0.07	0.0365	105	0.11
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.293 ± 0.06	0.0376	93.6	-0.17
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.733 ± 0.134	0.101	102	0.05
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	- ± -	0.029	-	-
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	- ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	- ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	- ± -	0.0889	-	-
Diuron	µg/l	0.444 ± 0.0257	0.471 ± 0.076	0.0577	106	0.18
Metolachlor	µg/l	0.486 ± 0.0225	1.05 ± 0.278	0.0729	216	1.01
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	0.513 ± 0.11	0.0563	119	0.36
Sebuthylazine	µg/l	0.26 ± 0.0167	0.25 ± 0.06	0.0242	96.2	-0.08
Simazine	µg/l	- ± -	<0.05 (LOD) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.172 ± 0.042	0.0186	101	0.03
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.644 ± 0.146	0.0769	92.1	-0.19
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.243 ± 0.073	0.0362	101	0.01
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-



Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score	
Atrazine	µg/l	0.45 ± 0.0213	0.461 ± 0.093	0.0495	103	0.06
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.751 ± 0.153	0.0975	92.5	-0.20
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.21 ± 0.038	0.0299	98.5	-0.04
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-	-
Chloridazon	µg/l	0.434 ± 0.035	- ± -	0.0564	-	-
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	- ± -	0.019	-	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	- ± -	0.013	-	-
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	- ± -	0.0435	-	-
Diuron	µg/l	0.441 ± 0.0205	0.468 ± 0.076	0.0574	106	0.17
Metolachlor	µg/l	0.808 ± 0.0599	1.785 ± 0.472	0.121	221	1.03
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	0.236 ± 0.051	0.0308	99.7	-0.01
Sebuthylazine	µg/l	0.431 ± 0.0318	0.439 ± 0.106	0.0401	102	0.04
Simazine	µg/l	0.115 ± 0.00822	0.087 ± 0.021	0.0126	75.8	-0.65
Terbuthylazine	µg/l	- ± -	<0.05 (LOD) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.148 ± 0.033	0.0258	63.1	-1.27
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-	-



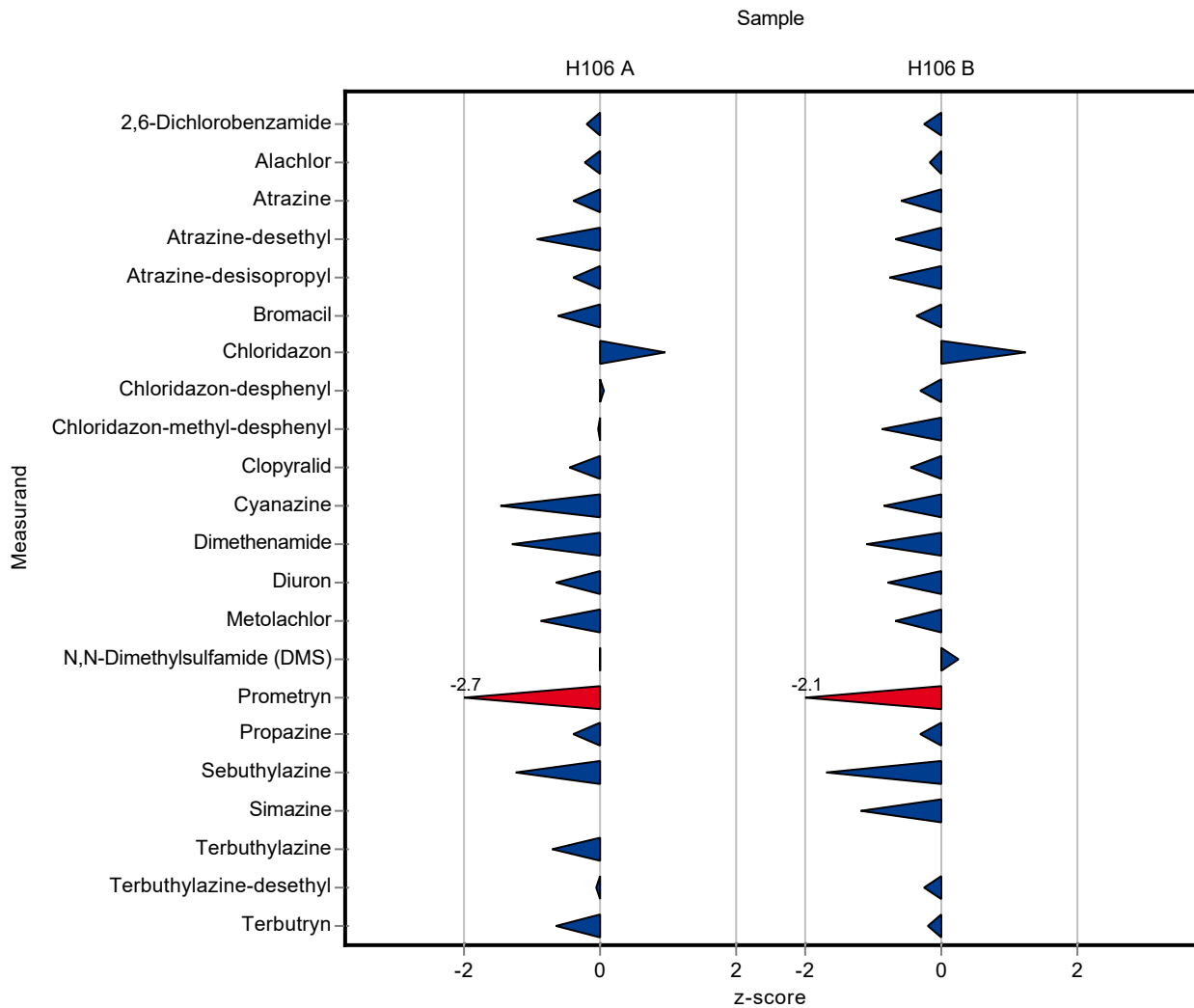
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.436 ± 0.087	0.0674	97.1	-0.20
Alachlor	µg/l	0.472 ± 0.0523	0.458 ± 0.092	0.0566	97.1	-0.24
Atrazine	µg/l	0.332 ± 0.01	0.317 ± 0.063	0.0365	95.5	-0.41
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.278 ± 0.056	0.0376	88.8	-0.94
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.679 ± 0.136	0.101	94.5	-0.39
Bromacil	µg/l	0.892 ± 0.0648	0.813 ± 0.163	0.125	91.2	-0.63
Chloridazon	µg/l	0.223 ± 0.0148	0.251 ± 0.05	0.029	112	0.95
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.365 ± 0.073	0.0399	101	0.06
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.077 ± 0.015	0.0101	99.4	-0.04
Clopyralid	µg/l	0.272 ± 0.0273	0.229 ± 0.046	0.0926	84.1	-0.47
Cyanazine	µg/l	0.18 ± 0.0226	0.143 ± 0.029	0.0252	79.4	-1.47
Dimethenamide	µg/l	0.898 ± 0.106	0.782 ± 0.156	0.0889	87.1	-1.30
Diuron	µg/l	0.444 ± 0.0257	0.407 ± 0.081	0.0577	91.7	-0.64
Metolachlor	µg/l	0.486 ± 0.0225	0.422 ± 0.084	0.0729	86.9	-0.88
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.2 ± 0.04	0.0301	99.9	-0.01
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	0.264 ± 0.053	0.053	64.8	-2.71
Propazine	µg/l	0.433 ± 0.0312	0.411 ± 0.082	0.0563	95	-0.39
Sebuthylazine	µg/l	0.26 ± 0.0167	0.23 ± 0.046	0.0242	88.5	-1.23
Simazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.156 ± 0.031	0.0186	92.1	-0.72
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.694 ± 0.139	0.0769	99.2	-0.07
Terbutryn	µg/l	0.245 ± 0.022	0.229 ± 0.046	0.0245	93.5	-0.65

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.232 ± 0.046	0.0362	96.1	-0.26
Alachlor	µg/l	0.793 ± 0.0795	0.776 ± 0.155	0.0951	97.9	-0.18

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.421 ± 0.084	0.0495	93.7	-0.58
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.747 ± 0.149	0.0975	92	-0.67
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.191 ± 0.038	0.0299	89.6	-0.74
Bromacil	µg/l	0.462 ± 0.0255	0.438 ± 0.088	0.0646	94.9	-0.36
Chloridazon	µg/l	0.434 ± 0.035	0.504 ± 0.101	0.0564	116	1.24
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.167 ± 0.033	0.019	96.6	-0.31
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.089 ± 0.018	0.013	88.7	-0.87
Clopyralid	µg/l	0.421 ± 0.0297	0.357 ± 0.071	0.143	84.9	-0.45
Cyanazine	µg/l	0.394 ± 0.0382	0.347 ± 0.069	0.0552	88.1	-0.85
Dimethenamide	µg/l	0.44 ± 0.037	0.392 ± 0.078	0.0435	89.2	-1.09
Diuron	µg/l	0.441 ± 0.0205	0.397 ± 0.079	0.0574	89.9	-0.78
Metolachlor	µg/l	0.808 ± 0.0599	0.726 ± 0.145	0.121	89.9	-0.68
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.416 ± 0.083	0.0601	104	0.25
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	0.581 ± 0.116	0.104	73	-2.08
Propazine	µg/l	0.237 ± 0.0166	0.227 ± 0.045	0.0308	95.9	-0.32
Sebuthylazine	µg/l	0.431 ± 0.0318	0.363 ± 0.073	0.0401	84.3	-1.69
Simazine	µg/l	0.115 ± 0.00822	0.1 ± 0.02	0.0126	87.1	-1.17
Terbuthylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.228 ± 0.046	0.0258	97.2	-0.25
Terbutryn	µg/l	0.799 ± 0.0611	0.784 ± 0.157	0.0799	98.1	-0.19



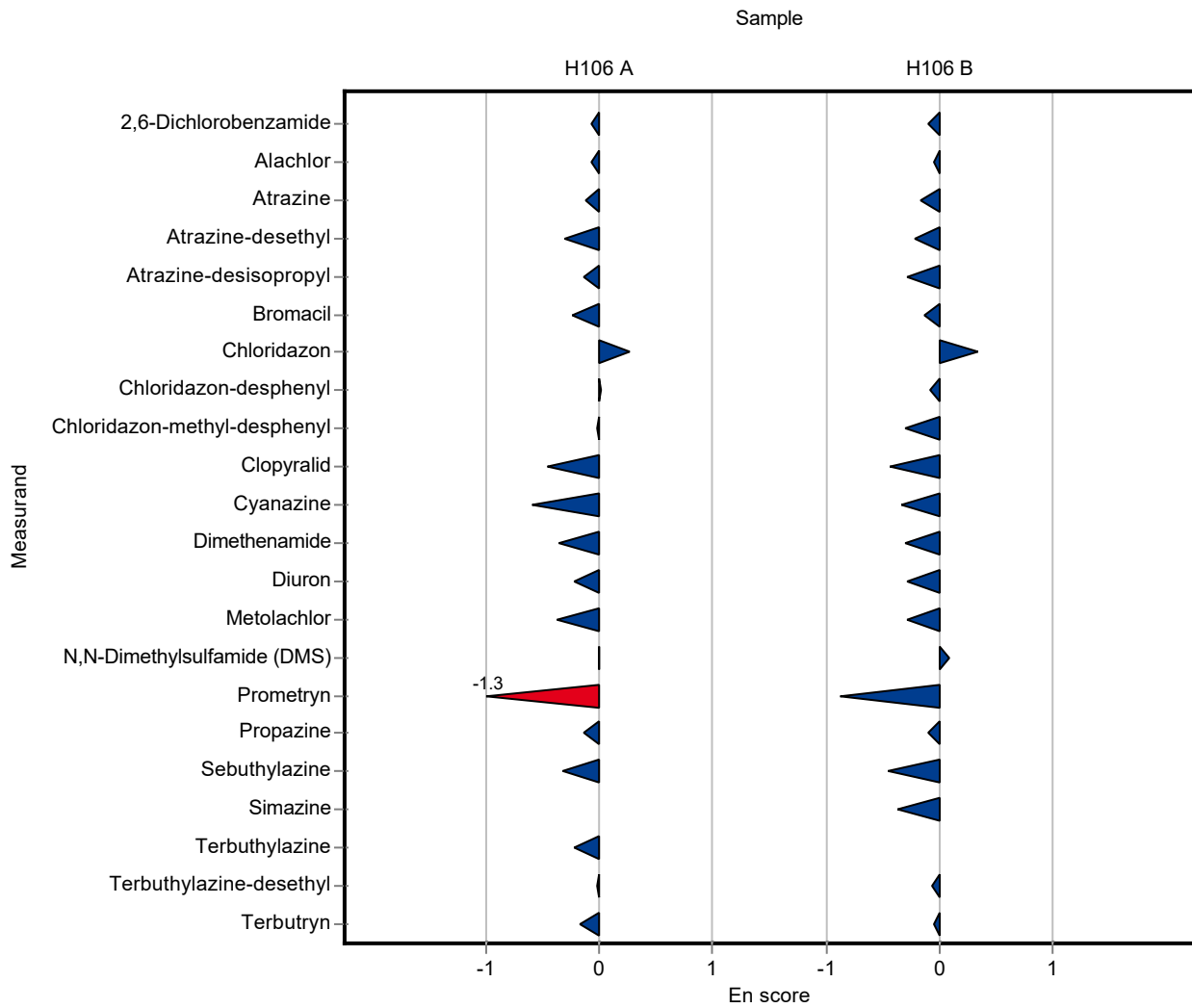
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.436 ± 0.087	0.0674	97.1	-0.08
Alachlor	µg/l	0.472 ± 0.0523	0.458 ± 0.092	0.0566	97.1	-0.07
Atrazine	µg/l	0.332 ± 0.01	0.317 ± 0.063	0.0365	95.5	-0.12
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.278 ± 0.056	0.0376	88.8	-0.31
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.679 ± 0.136	0.101	94.5	-0.14
Bromacil	µg/l	0.892 ± 0.0648	0.813 ± 0.163	0.125	91.2	-0.24
Chloridazon	µg/l	0.223 ± 0.0148	0.251 ± 0.05	0.029	112	0.27
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.365 ± 0.073	0.0399	101	0.02
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.077 ± 0.015	0.0101	99.4	-0.01
Clopyralid	µg/l	0.272 ± 0.0273	0.229 ± 0.046	0.0926	84.1	-0.45
Cyanazine	µg/l	0.18 ± 0.0226	0.143 ± 0.029	0.0252	79.4	-0.59
Dimethenamide	µg/l	0.898 ± 0.106	0.782 ± 0.156	0.0889	87.1	-0.35
Diuron	µg/l	0.444 ± 0.0257	0.407 ± 0.081	0.0577	91.7	-0.23
Metolachlor	µg/l	0.486 ± 0.0225	0.422 ± 0.084	0.0729	86.9	-0.38
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.2 ± 0.04	0.0301	99.9	0.00
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	0.264 ± 0.053	0.053	64.8	-1.31
Propazine	µg/l	0.433 ± 0.0312	0.411 ± 0.082	0.0563	95	-0.13
Sebuthylazine	µg/l	0.26 ± 0.0167	0.23 ± 0.046	0.0242	88.5	-0.32
Simazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.156 ± 0.031	0.0186	92.1	-0.22
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.694 ± 0.139	0.0769	99.2	-0.02
Terbutryn	µg/l	0.245 ± 0.022	0.229 ± 0.046	0.0245	93.5	-0.17

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.232 ± 0.046	0.0362	96.1	-0.10
Alachlor	µg/l	0.793 ± 0.0795	0.776 ± 0.155	0.0951	97.9	-0.05

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	0.45 ± 0.0213	0.421 ± 0.084	0.0495	93.7	-0.17
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.747 ± 0.149	0.0975	92	-0.22
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.191 ± 0.038	0.0299	89.6	-0.29
Bromacil	µg/l	0.462 ± 0.0255	0.438 ± 0.088	0.0646	94.9	-0.13
Chloridazon	µg/l	0.434 ± 0.035	0.504 ± 0.101	0.0564	116	0.34
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.167 ± 0.033	0.019	96.6	-0.09
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.089 ± 0.018	0.013	88.7	-0.30
Clopyralid	µg/l	0.421 ± 0.0297	0.357 ± 0.071	0.143	84.9	-0.44
Cyanazine	µg/l	0.394 ± 0.0382	0.347 ± 0.069	0.0552	88.1	-0.33
Dimethenamide	µg/l	0.44 ± 0.037	0.392 ± 0.078	0.0435	89.2	-0.30
Diuron	µg/l	0.441 ± 0.0205	0.397 ± 0.079	0.0574	89.9	-0.28
Metolachlor	µg/l	0.808 ± 0.0599	0.726 ± 0.145	0.121	89.9	-0.28
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.416 ± 0.083	0.0601	104	0.09
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	0.581 ± 0.116	0.104	73	-0.88
Propazine	µg/l	0.237 ± 0.0166	0.227 ± 0.045	0.0308	95.9	-0.11
Sebuthylazine	µg/l	0.431 ± 0.0318	0.363 ± 0.073	0.0401	84.3	-0.45
Simazine	µg/l	0.115 ± 0.00822	0.1 ± 0.02	0.0126	87.1	-0.36
Terbuthylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.228 ± 0.046	0.0258	97.2	-0.07
Terbutryn	µg/l	0.799 ± 0.0611	0.784 ± 0.157	0.0799	98.1	-0.05





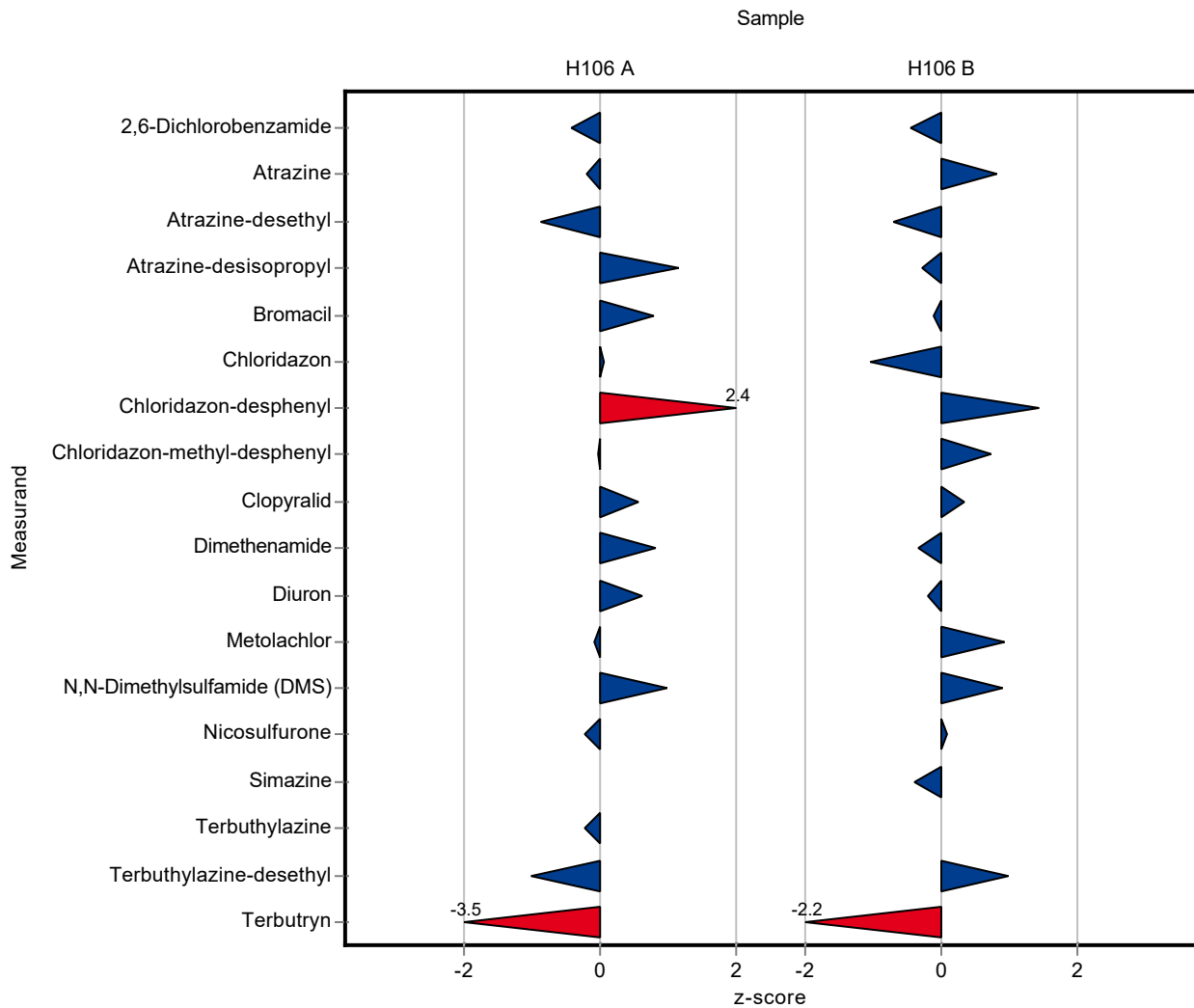
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.42 ± 0.061	0.0674	93.5	-0.43
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.325 ± 0.043	0.0365	97.9	-0.19
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.28 ± 0.074	0.0376	89.4	-0.88
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.835 ± 0.139	0.101	116	1.16
Bromacil	µg/l	0.892 ± 0.0648	0.99 ± 0.121	0.125	111	0.79
Chloridazon	µg/l	0.223 ± 0.0148	0.225 ± 0.036	0.029	101	0.05
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.46 ± 0.058	0.0399	127	2.44
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.077 ± 0.007	0.0101	99.4	-0.04
Clopyralid	µg/l	0.272 ± 0.0273	0.325 ± 0.087	0.0926	119	0.57
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	0.97 ± 0.189	0.0889	108	0.81
Diuron	µg/l	0.444 ± 0.0257	0.48 ± 0.064	0.0577	108	0.63
Metolachlor	µg/l	0.486 ± 0.0225	0.48 ± 0.066	0.0729	98.8	-0.08
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.23 ± 0.027	0.0301	115	0.99
Nicosulfurone	µg/l	0.443 ± 0.0928	0.405 ± 0.082	0.164	91.5	-0.23
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	<0.025 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.165 ± 0.031	0.0186	97.4	-0.24
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.62 ± 0.125	0.0769	88.7	-1.03
Terbutryn	µg/l	0.245 ± 0.022	0.16 ± 0.017	0.0245	65.3	-3.47

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.225 ± 0.033	0.0362	93.2	-0.45
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.49 ± 0.065	0.0495	109	0.82
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.745 ± 0.198	0.0975	91.7	-0.69
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.205 ± 0.034	0.0299	96.1	-0.28
Bromacil	µg/l	0.462 ± 0.0255	0.455 ± 0.056	0.0646	98.6	-0.10
Chloridazon	µg/l	0.434 ± 0.035	0.375 ± 0.061	0.0564	86.4	-1.04
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.2 ± 0.025	0.019	116	1.43
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.11 ± 0.01	0.013	110	0.74
Clopyralid	µg/l	0.421 ± 0.0297	0.47 ± 0.126	0.143	112	0.34
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	0.425 ± 0.083	0.0435	96.7	-0.34
Diuron	µg/l	0.441 ± 0.0205	0.43 ± 0.058	0.0574	97.4	-0.20
Metolachlor	µg/l	0.808 ± 0.0599	0.92 ± 0.127	0.121	114	0.93
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.455 ± 0.053	0.0601	114	0.90
Nicosulfurone	µg/l	0.499 ± 0.0752	0.515 ± 0.105	0.185	103	0.09
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-	-
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	-	-
Simazine	µg/l	0.115 ± 0.00822	0.11 ± 0.021	0.0126	95.8	-0.38
Terbuthylazine	µg/l	- ± -	<0.025 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.26 ± 0.053	0.0258	111	0.99
Terbutryn	µg/l	0.799 ± 0.0611	0.62 ± 0.064	0.0799	77.6	-2.24



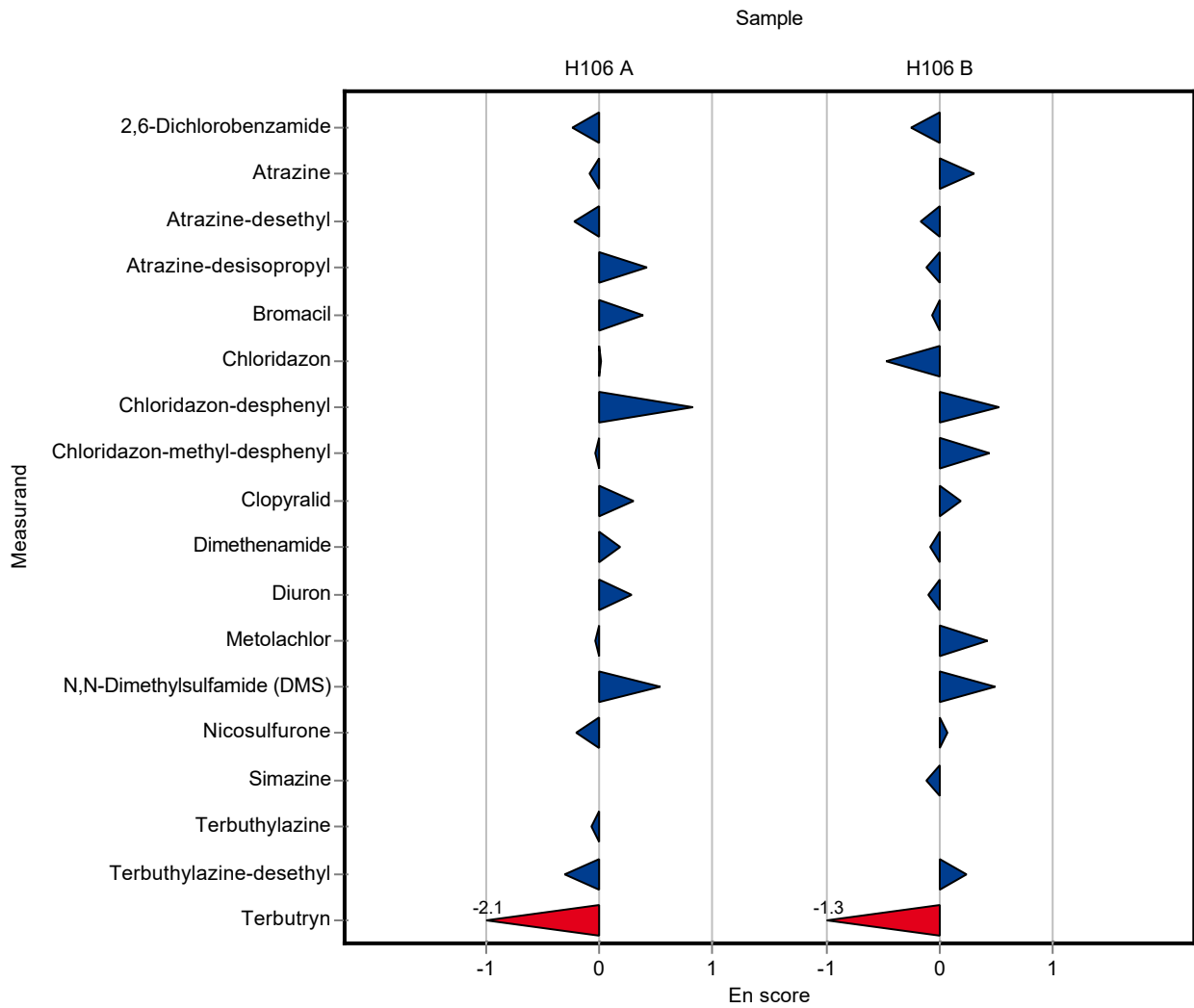
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.42 ± 0.061	0.0674	93.5	-0.24
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.325 ± 0.043	0.0365	97.9	-0.08
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.28 ± 0.074	0.0376	89.4	-0.22
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.835 ± 0.139	0.101	116	0.41
Bromacil	µg/l	0.892 ± 0.0648	0.99 ± 0.121	0.125	111	0.39
Chloridazon	µg/l	0.223 ± 0.0148	0.225 ± 0.036	0.029	101	0.02
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.46 ± 0.058	0.0399	127	0.82
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.077 ± 0.007	0.0101	99.4	-0.03
Clopyralid	µg/l	0.272 ± 0.0273	0.325 ± 0.087	0.0926	119	0.30
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	0.97 ± 0.189	0.0889	108	0.18
Diuron	µg/l	0.444 ± 0.0257	0.48 ± 0.064	0.0577	108	0.28
Metolachlor	µg/l	0.486 ± 0.0225	0.48 ± 0.066	0.0729	98.8	-0.04
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.23 ± 0.027	0.0301	115	0.53
Nicosulfurone	µg/l	0.443 ± 0.0928	0.405 ± 0.082	0.164	91.5	-0.20
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	<0.025 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.165 ± 0.031	0.0186	97.4	-0.07
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.62 ± 0.125	0.0769	88.7	-0.31
Terbutryn	µg/l	0.245 ± 0.022	0.16 ± 0.017	0.0245	65.3	-2.10

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.225 ± 0.033	0.0362	93.2	-0.24
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	0.45 ± 0.0213	0.49 ± 0.065	0.0495	109	0.31
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.745 ± 0.198	0.0975	91.7	-0.17
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.205 ± 0.034	0.0299	96.1	-0.12
Bromacil	µg/l	0.462 ± 0.0255	0.455 ± 0.056	0.0646	98.6	-0.06
Chloridazon	µg/l	0.434 ± 0.035	0.375 ± 0.061	0.0564	86.4	-0.46
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.2 ± 0.025	0.019	116	0.53
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.11 ± 0.01	0.013	110	0.44
Clopyralid	µg/l	0.421 ± 0.0297	0.47 ± 0.126	0.143	112	0.19
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	0.425 ± 0.083	0.0435	96.7	-0.09
Diuron	µg/l	0.441 ± 0.0205	0.43 ± 0.058	0.0574	97.4	-0.10
Metolachlor	µg/l	0.808 ± 0.0599	0.92 ± 0.127	0.121	114	0.43
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.455 ± 0.053	0.0601	114	0.49
Nicosulfurone	µg/l	0.499 ± 0.0752	0.515 ± 0.105	0.185	103	0.07
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-	-
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	-	-
Simazine	µg/l	0.115 ± 0.00822	0.11 ± 0.021	0.0126	95.8	-0.11
Terbuthylazine	µg/l	- ± -	<0.025 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.26 ± 0.053	0.0258	111	0.24
Terbutryn	µg/l	0.799 ± 0.0611	0.62 ± 0.064	0.0799	77.6	-1.26



Sample: H106A

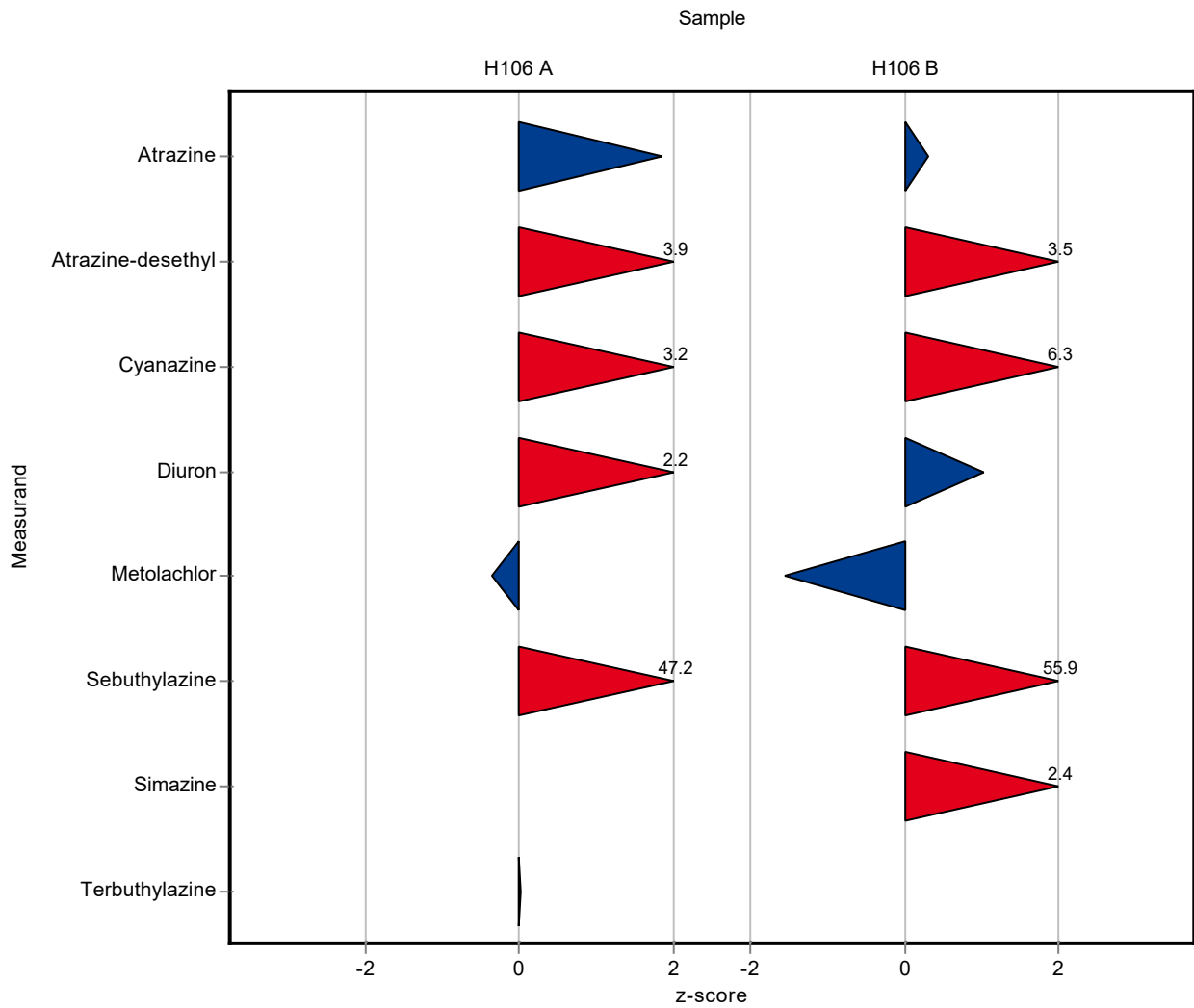
Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	- ± -	0.0674	-	-
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.4 ± 0.08	0.0365	121	1.87
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.46 ± 0.092	0.0376	147	3.91
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	- ± -	0.101	-	-
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	- ± -	0.029	-	-
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	- ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	- ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	0.26 ± 0.052	0.0252	144	3.17
Dimethenamide	µg/l	0.898 ± 0.106	- ± -	0.0889	-	-
Diuron	µg/l	0.444 ± 0.0257	0.57 ± 0.114	0.0577	128	2.18
Metolachlor	µg/l	0.486 ± 0.0225	0.46 ± 0.092	0.0729	94.7	-0.35
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	1.4 ± 0.28	0.0242	539	47.20
Simazine	µg/l	- ± -	0.032 ± 0.008	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.17 ± 0.034	0.0186	100	0.03
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	- ± -	0.0769	-	-
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	- ± -	0.0362	-	-
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.465 ± 0.093	0.0495	103	0.31
Atrazine-desethyl	µg/l	0.812 ± 0.0437	1.15 ± 0.23	0.0975	142	3.46
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	- ± -	0.0299	-	-
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-	-
Chloridazon	µg/l	0.434 ± 0.035	- ± -	0.0564	-	-
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	- ± -	0.019	-	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	- ± -	0.013	-	-
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	0.74 ± 0.148	0.0552	188	6.28
Dimethenamide	µg/l	0.44 ± 0.037	- ± -	0.0435	-	-
Diuron	µg/l	0.441 ± 0.0205	0.5 ± 0.1	0.0574	113	1.02
Metolachlor	µg/l	0.808 ± 0.0599	0.62 ± 0.124	0.121	76.7	-1.55
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-	-
Sebuthylazine	µg/l	0.431 ± 0.0318	2.67 ± 0.534	0.0401	620	55.90
Simazine	µg/l	0.115 ± 0.00822	0.145 ± 0.029	0.0126	126	2.39
Terbuthylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	- ± -	0.0258	-	-
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-	-





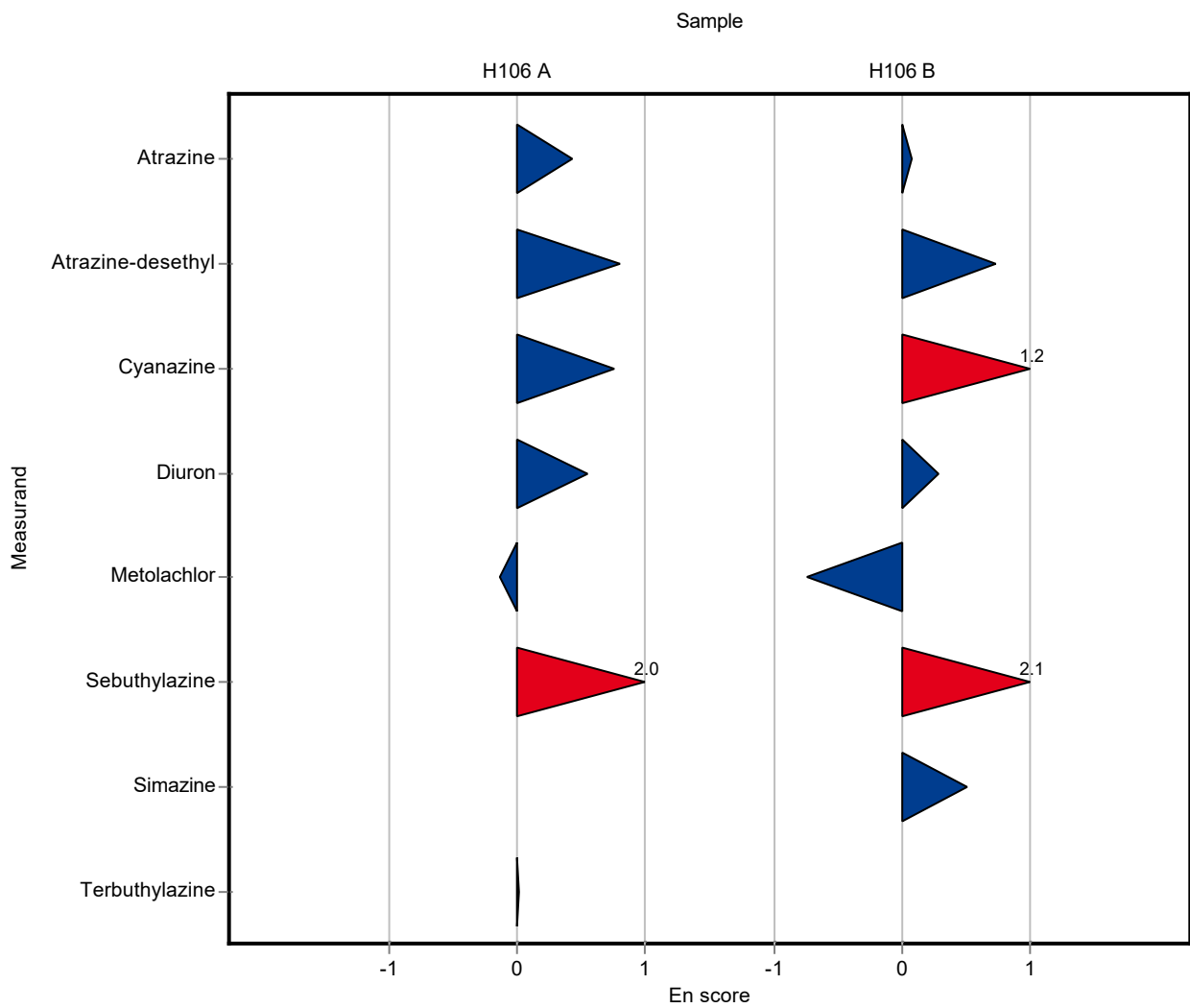
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	- ± -	0.0674	-	-
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.4 ± 0.08	0.0365	121	0.42
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.46 ± 0.092	0.0376	147	0.80
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	- ± -	0.101	-	-
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	- ± -	0.029	-	-
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	- ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	- ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	0.26 ± 0.052	0.0252	144	0.75
Dimethenamide	µg/l	0.898 ± 0.106	- ± -	0.0889	-	-
Diuron	µg/l	0.444 ± 0.0257	0.57 ± 0.114	0.0577	128	0.55
Metolachlor	µg/l	0.486 ± 0.0225	0.46 ± 0.092	0.0729	94.7	-0.14
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	1.4 ± 0.28	0.0242	539	2.04
Simazine	µg/l	- ± -	0.032 ± 0.008	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.17 ± 0.034	0.0186	100	0.01
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	- ± -	0.0769	-	-
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	- ± -	0.0362	-	-
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	0.45 ± 0.0213	0.465 ± 0.093	0.0495	103
Atrazine-desethyl	µg/l	0.812 ± 0.0437	1.15 ± 0.23	0.0975	142
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	- ± -	0.0299	-
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-
Chloridazon	µg/l	0.434 ± 0.035	- ± -	0.0564	-
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	- ± -	0.019	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	- ± -	0.013	-
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-
Cyanazine	µg/l	0.394 ± 0.0382	0.74 ± 0.148	0.0552	188
Dimethenamide	µg/l	0.44 ± 0.037	- ± -	0.0435	-
Diuron	µg/l	0.441 ± 0.0205	0.5 ± 0.1	0.0574	113
Metolachlor	µg/l	0.808 ± 0.0599	0.62 ± 0.124	0.121	76.7
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-
Sebuthylazine	µg/l	0.431 ± 0.0318	2.67 ± 0.534	0.0401	620
Simazine	µg/l	0.115 ± 0.00822	0.145 ± 0.029	0.0126	126
Terbuthylazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	- ± -	0.0258	-
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-



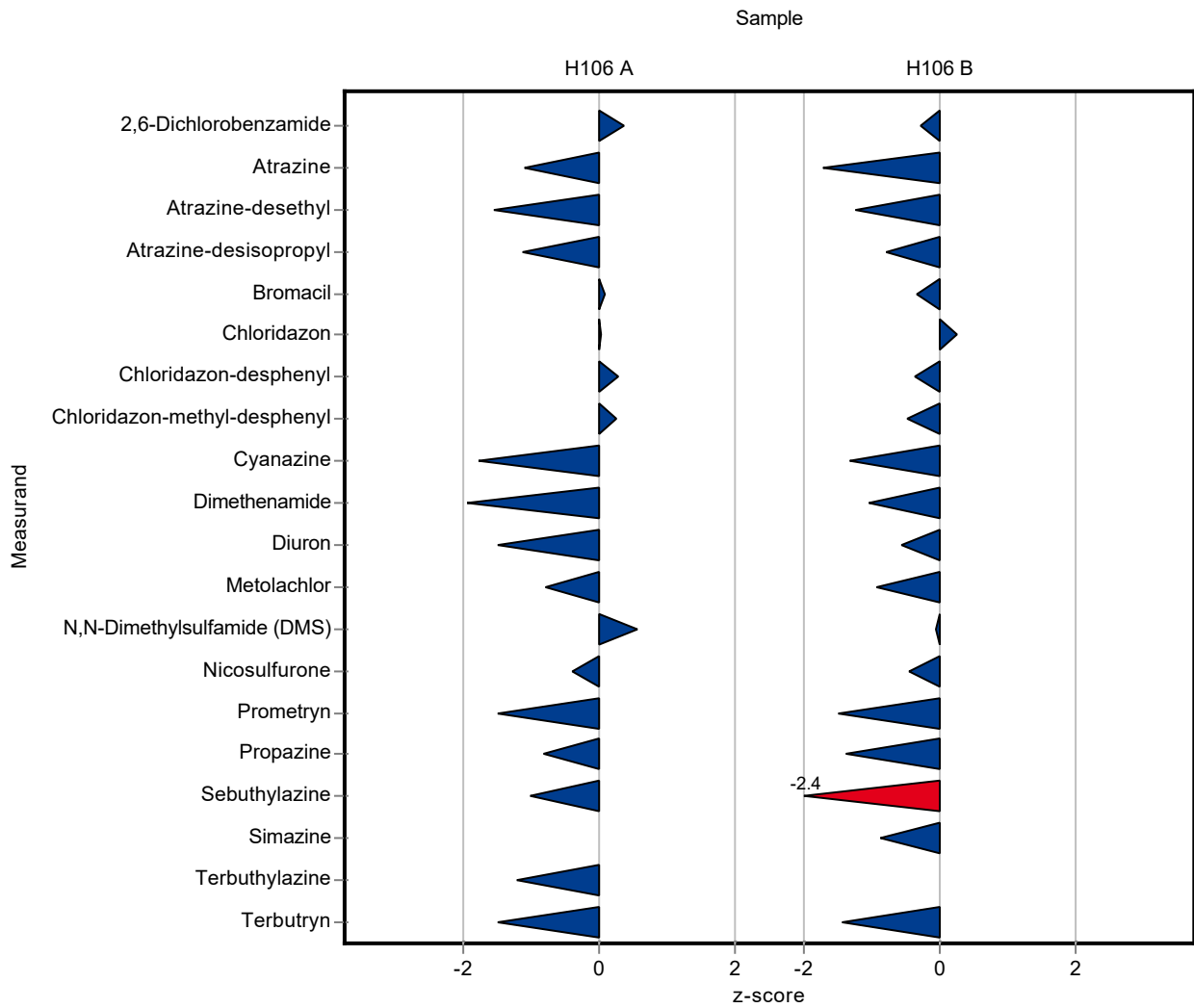
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.473 ± 0.095	0.0674	105	0.35
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.292 ± 0.058	0.0365	88	-1.09
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.255 ± 0.051	0.0376	81.4	-1.55
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.606 ± 0.121	0.101	84.3	-1.12
Bromacil	µg/l	0.892 ± 0.0648	0.903 ± 0.181	0.125	101	0.09
Chloridazon	µg/l	0.223 ± 0.0148	0.224 ± 0.045	0.029	100	0.02
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.374 ± 0.075	0.0399	103	0.28
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.08 ± 0.016	0.0101	103	0.25
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	0.135 ± 0.027	0.0252	75	-1.79
Dimethenamide	µg/l	0.898 ± 0.106	0.725 ± 0.145	0.0889	80.8	-1.94
Diuron	µg/l	0.444 ± 0.0257	0.358 ± 0.072	0.0577	80.6	-1.49
Metolachlor	µg/l	0.486 ± 0.0225	0.428 ± 0.086	0.0729	88.1	-0.79
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.217 ± 0.043	0.0301	108	0.56
Nicosulfurone	µg/l	0.443 ± 0.0928	0.376 ± 0.075	0.164	85	-0.41
Prometryn	µg/l	0.408 ± 0.0292	0.328 ± 0.066	0.053	80.5	-1.50
Propazine	µg/l	0.433 ± 0.0312	0.387 ± 0.077	0.0563	89.4	-0.81
Sebuthylazine	µg/l	0.26 ± 0.0167	0.235 ± 0.047	0.0242	90.4	-1.03
Simazine	µg/l	- ± -	<0.005 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.147 ± 0.029	0.0186	86.7	-1.20
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	- ± -	0.0769	-	-
Terbutryn	µg/l	0.245 ± 0.022	0.208 ± 0.042	0.0245	84.9	-1.51

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.231 ± 0.046	0.0362	95.7	-0.29
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.365 ± 0.073	0.0495	81.2	-1.71
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.692 ± 0.138	0.0975	85.2	-1.23
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.19 ± 0.038	0.0299	89.1	-0.78
Bromacil	µg/l	0.462 ± 0.0255	0.441 ± 0.088	0.0646	95.5	-0.32
Chloridazon	µg/l	0.434 ± 0.035	0.448 ± 0.09	0.0564	103	0.25
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.166 ± 0.033	0.019	96	-0.36
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.094 ± 0.019	0.013	93.7	-0.49
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	0.321 ± 0.064	0.0552	81.5	-1.32
Dimethenamide	µg/l	0.44 ± 0.037	0.395 ± 0.079	0.0435	89.9	-1.02
Diuron	µg/l	0.441 ± 0.0205	0.409 ± 0.082	0.0574	92.6	-0.57
Metolachlor	µg/l	0.808 ± 0.0599	0.695 ± 0.139	0.121	86	-0.93
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.398 ± 0.08	0.0601	99.3	-0.05
Nicosulfurone	µg/l	0.499 ± 0.0752	0.417 ± 0.083	0.185	83.6	-0.44
Prometryn	µg/l	0.796 ± 0.0789	0.643 ± 0.129	0.104	80.8	-1.48
Propazine	µg/l	0.237 ± 0.0166	0.194 ± 0.039	0.0308	82	-1.39
Sebuthylazine	µg/l	0.431 ± 0.0318	0.334 ± 0.067	0.0401	77.5	-2.42
Simazine	µg/l	0.115 ± 0.00822	0.104 ± 0.021	0.0126	90.6	-0.86
Terbuthylazine	µg/l	- ± -	<0.005 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	- ± -	0.0258	-	-
Terbutryn	µg/l	0.799 ± 0.0611	0.685 ± 0.137	0.0799	85.7	-1.43



Sample: H106A

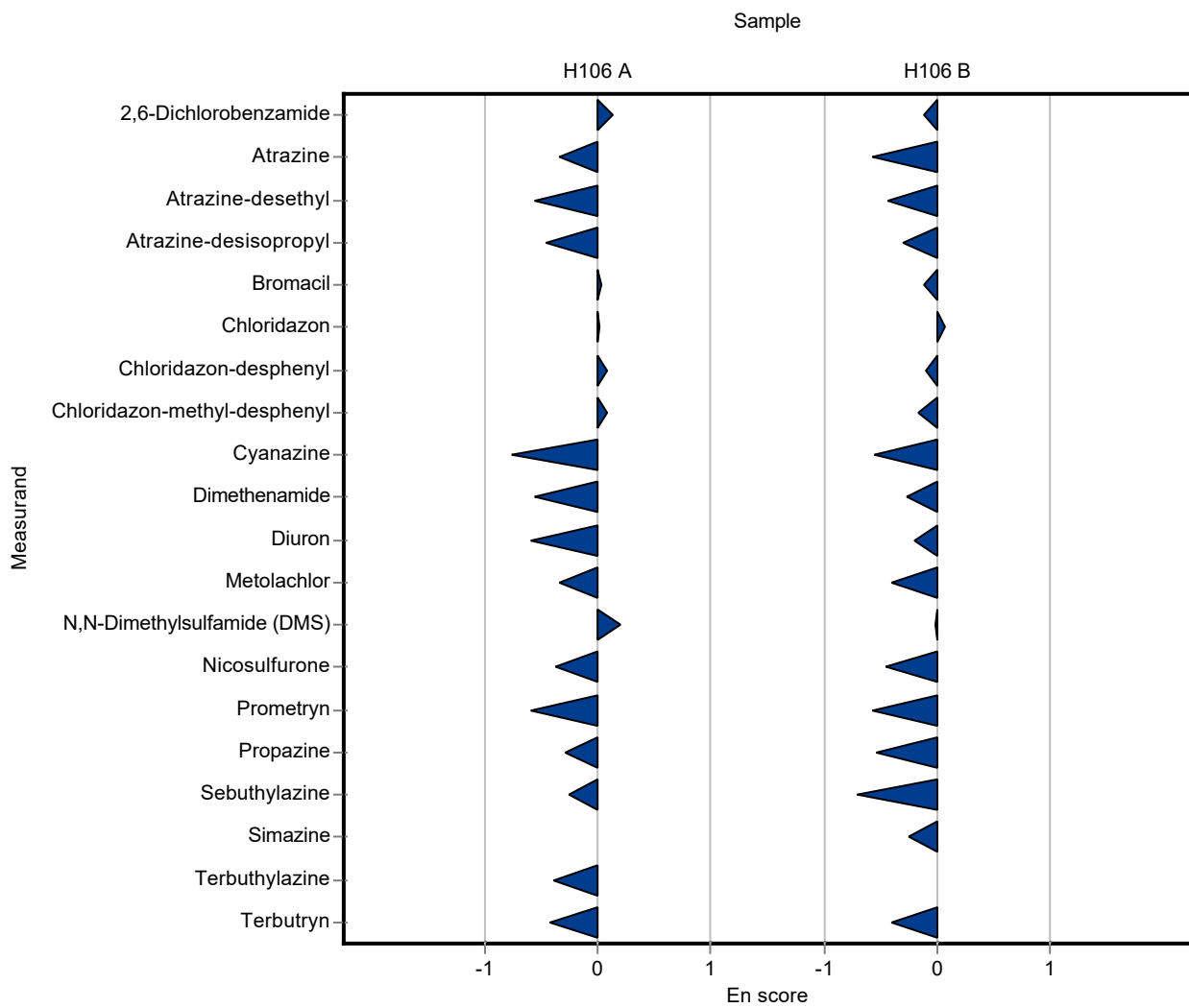
Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.473 ± 0.095	0.0674	105	0.13
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.292 ± 0.058	0.0365	88	-0.34
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.255 ± 0.051	0.0376	81.4	-0.56
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.606 ± 0.121	0.101	84.3	-0.46
Bromacil	µg/l	0.892 ± 0.0648	0.903 ± 0.181	0.125	101	0.03
Chloridazon	µg/l	0.223 ± 0.0148	0.224 ± 0.045	0.029	100	0.01
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.374 ± 0.075	0.0399	103	0.07
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.08 ± 0.016	0.0101	103	0.08
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	0.135 ± 0.027	0.0252	75	-0.77
Dimethenamide	µg/l	0.898 ± 0.106	0.725 ± 0.145	0.0889	80.8	-0.56
Diuron	µg/l	0.444 ± 0.0257	0.358 ± 0.072	0.0577	80.6	-0.59
Metolachlor	µg/l	0.486 ± 0.0225	0.428 ± 0.086	0.0729	88.1	-0.33
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.217 ± 0.043	0.0301	108	0.19
Nicosulfurone	µg/l	0.443 ± 0.0928	0.376 ± 0.075	0.164	85	-0.38
Prometryn	µg/l	0.408 ± 0.0292	0.328 ± 0.066	0.053	80.5	-0.59
Propazine	µg/l	0.433 ± 0.0312	0.387 ± 0.077	0.0563	89.4	-0.29
Sebuthylazine	µg/l	0.26 ± 0.0167	0.235 ± 0.047	0.0242	90.4	-0.26
Simazine	µg/l	- ± -	<0.005 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.147 ± 0.029	0.0186	86.7	-0.39
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	- ± -	0.0769	-	-
Terbutryn	µg/l	0.245 ± 0.022	0.208 ± 0.042	0.0245	84.9	-0.42

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.231 ± 0.046	0.0362	95.7	-0.11
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-



Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	0.45 ± 0.0213	0.365 ± 0.073	0.0495	81.2 -0.57
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.692 ± 0.138	0.0975	85.2 -0.43
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	- -
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.19 ± 0.038	0.0299	89.1 -0.30
Bromacil	µg/l	0.462 ± 0.0255	0.441 ± 0.088	0.0646	95.5 -0.12
Chloridazon	µg/l	0.434 ± 0.035	0.448 ± 0.09	0.0564	103 0.08
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.166 ± 0.033	0.019	96 -0.10
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.094 ± 0.019	0.013	93.7 -0.16
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	- -
Cyanazine	µg/l	0.394 ± 0.0382	0.321 ± 0.064	0.0552	81.5 -0.55
Dimethenamide	µg/l	0.44 ± 0.037	0.395 ± 0.079	0.0435	89.9 -0.28
Diuron	µg/l	0.441 ± 0.0205	0.409 ± 0.082	0.0574	92.6 -0.20
Metolachlor	µg/l	0.808 ± 0.0599	0.695 ± 0.139	0.121	86 -0.40
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.398 ± 0.08	0.0601	99.3 -0.02
Nicosulfurone	µg/l	0.499 ± 0.0752	0.417 ± 0.083	0.185	83.6 -0.45
Prometryn	µg/l	0.796 ± 0.0789	0.643 ± 0.129	0.104	80.8 -0.57
Propazine	µg/l	0.237 ± 0.0166	0.194 ± 0.039	0.0308	82 -0.54
Sebuthylazine	µg/l	0.431 ± 0.0318	0.334 ± 0.067	0.0401	77.5 -0.70
Simazine	µg/l	0.115 ± 0.00822	0.104 ± 0.021	0.0126	90.6 -0.25
Terbuthylazine	µg/l	- ± -	<0.005 (LOQ) ± -	-	- -
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	- ± -	0.0258	- -
Terbutryn	µg/l	0.799 ± 0.0611	0.685 ± 0.137	0.0799	85.7 -0.41



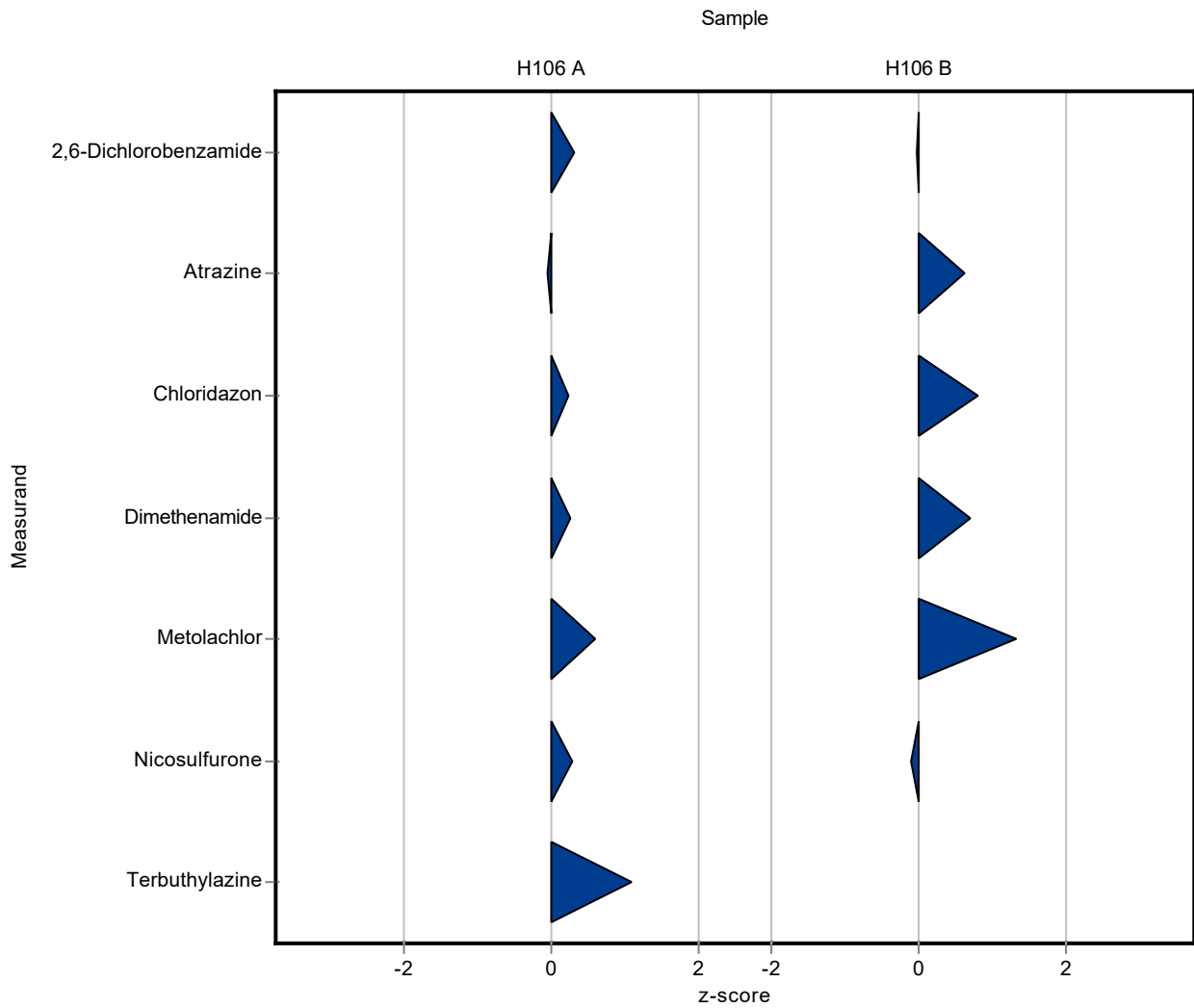
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.47 ± 0.07	0.0674	105	0.31
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.33 ± 0.05	0.0365	99.4	-0.05
Atrazine-desethyl	µg/l	0.313 ± 0.0148	- ± -	0.0376	-	-
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	- ± -	0.101	-	-
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	0.23 ± 0.03	0.029	103	0.23
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	- ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	- ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	0.92 ± 0.14	0.0889	102	0.25
Diuron	µg/l	0.444 ± 0.0257	- ± -	0.0577	-	-
Metolachlor	µg/l	0.486 ± 0.0225	0.53 ± 0.08	0.0729	109	0.61
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	0.49 ± 0.07	0.164	111	0.29
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	- ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.19 ± 0.03	0.0186	112	1.10
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	- ± -	0.0769	-	-
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.24 ± 0.04	0.0362	99.4	-0.04
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.48 ± 0.07	0.0495	107	0.62
Atrazine-desethyl	µg/l	0.812 ± 0.0437	- ± -	0.0975	-	-
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	- ± -	0.0299	-	-
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-	-
Chloridazon	µg/l	0.434 ± 0.035	0.48 ± 0.07	0.0564	111	0.82
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	- ± -	0.019	-	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	- ± -	0.013	-	-
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	0.47 ± 0.07	0.0435	107	0.70
Diuron	µg/l	0.441 ± 0.0205	- ± -	0.0574	-	-
Metolachlor	µg/l	0.808 ± 0.0599	0.97 ± 0.15	0.121	120	1.34
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	0.48 ± 0.07	0.185	96.2	-0.10
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-	-
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	-	-
Simazine	µg/l	0.115 ± 0.00822	- ± -	0.0126	-	-
Terbuthylazine	µg/l	- ± -	<0.05 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	- ± -	0.0258	-	-
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-	-



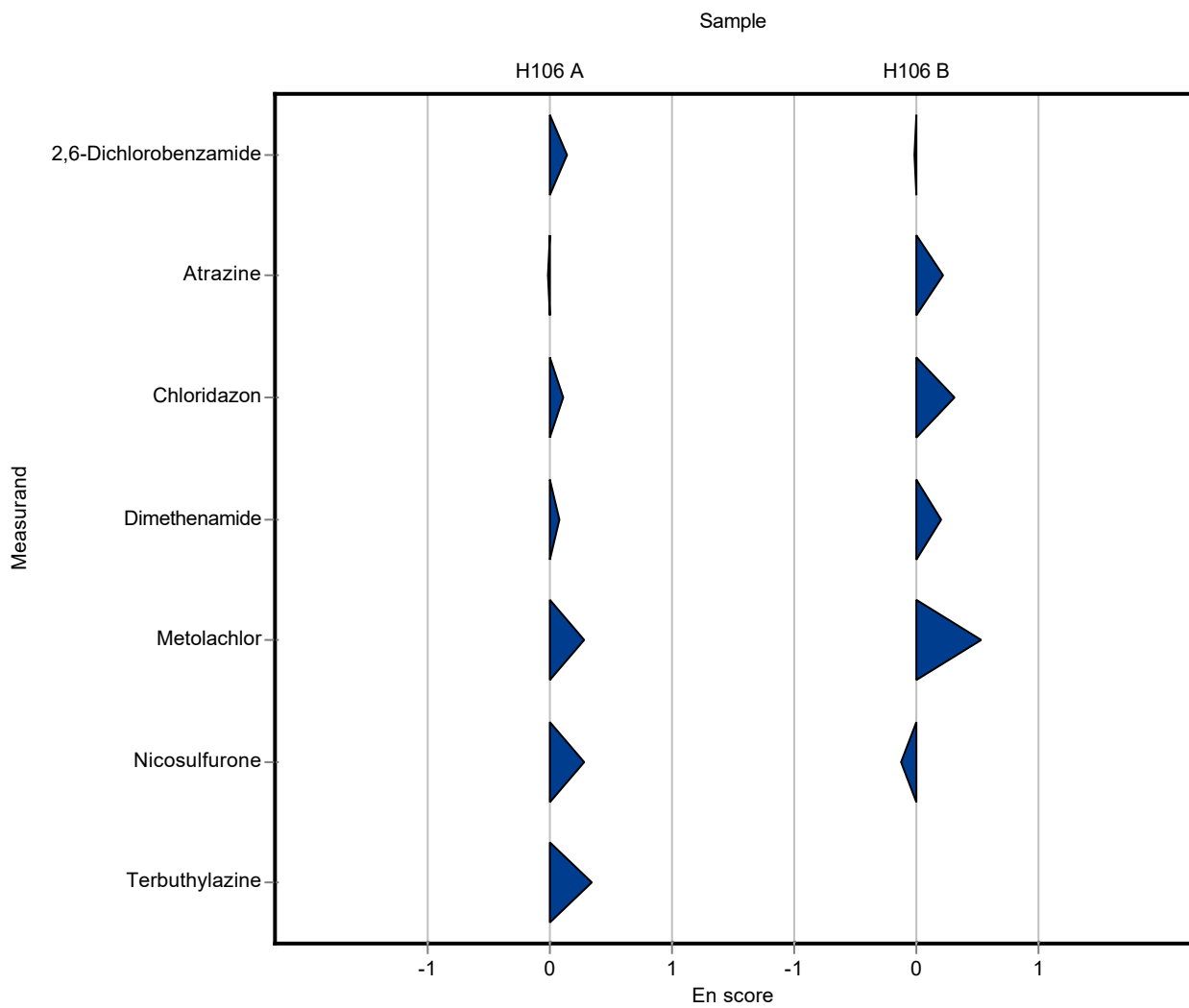
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.47 ± 0.07	0.0674	105	0.15
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.33 ± 0.05	0.0365	99.4	-0.02
Atrazine-desethyl	µg/l	0.313 ± 0.0148	- ± -	0.0376	-	-
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	- ± -	0.101	-	-
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	0.23 ± 0.03	0.029	103	0.11
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	- ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	- ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	0.92 ± 0.14	0.0889	102	0.07
Diuron	µg/l	0.444 ± 0.0257	- ± -	0.0577	-	-
Metolachlor	µg/l	0.486 ± 0.0225	0.53 ± 0.08	0.0729	109	0.27
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	0.49 ± 0.07	0.164	111	0.28
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	- ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.19 ± 0.03	0.0186	112	0.34
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	- ± -	0.0769	-	-
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.24 ± 0.04	0.0362	99.4	-0.02
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score	
Atrazine	µg/l	0.45 ± 0.0213	0.48 ± 0.07	0.0495	107	0.21
Atrazine-desethyl	µg/l	0.812 ± 0.0437	- ± -	0.0975	-	-
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	- ± -	0.0299	-	-
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-	-
Chloridazon	µg/l	0.434 ± 0.035	0.48 ± 0.07	0.0564	111	0.32
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	- ± -	0.019	-	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	- ± -	0.013	-	-
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	0.47 ± 0.07	0.0435	107	0.21
Diuron	µg/l	0.441 ± 0.0205	- ± -	0.0574	-	-
Metolachlor	µg/l	0.808 ± 0.0599	0.97 ± 0.15	0.121	120	0.53
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	0.48 ± 0.07	0.185	96.2	-0.12
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-	-
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	-	-
Simazine	µg/l	0.115 ± 0.00822	- ± -	0.0126	-	-
Terbuthylazine	µg/l	- ± -	<0.05 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	- ± -	0.0258	-	-
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-	-





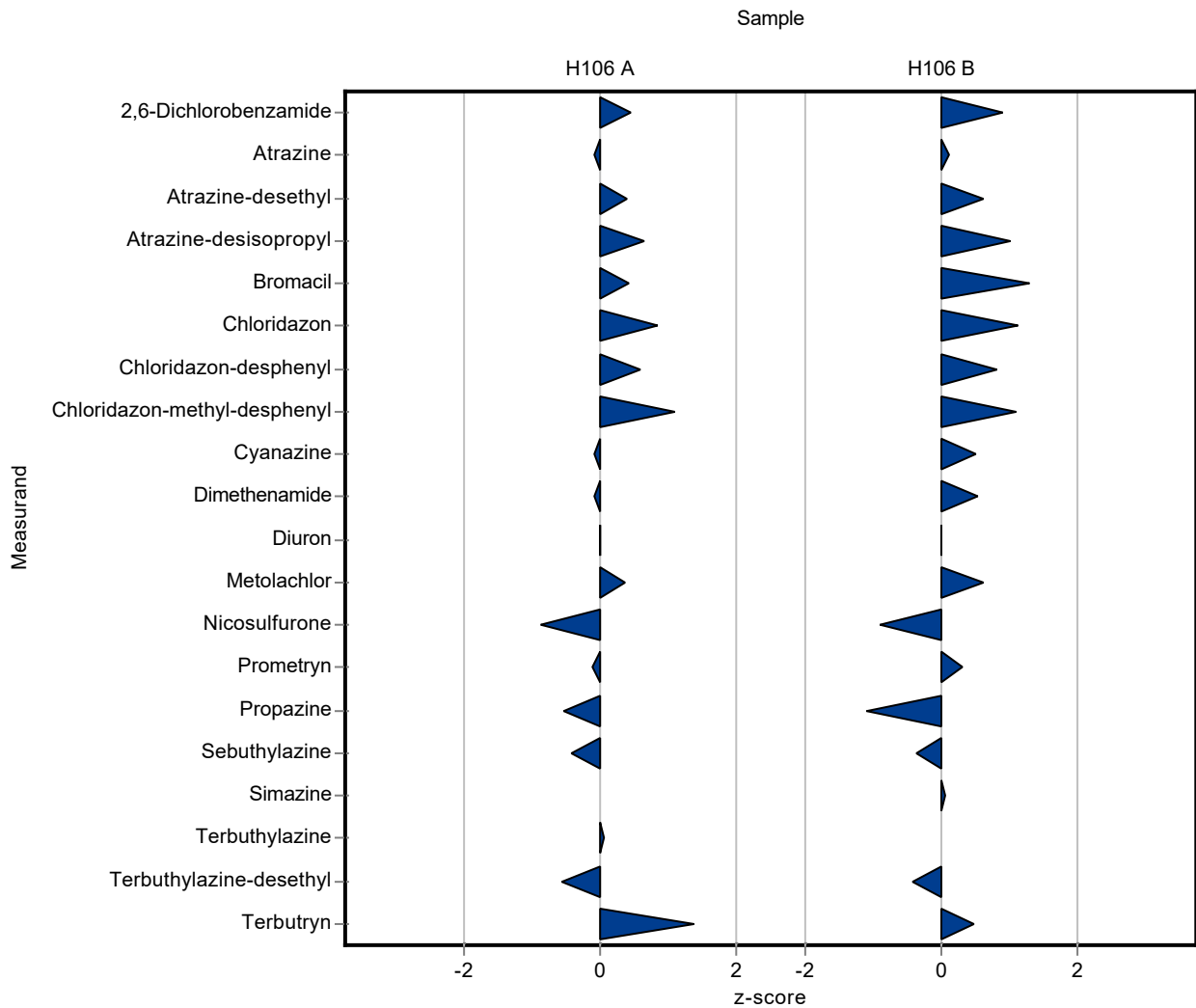
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.4789 ± 0.1197	0.0674	107	0.44
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.3291 ± 0.0777	0.0365	99.2	-0.08
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.3278 ± 0.0746	0.0376	105	0.39
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.7826 ± 0.2003	0.101	109	0.64
Bromacil	µg/l	0.892 ± 0.0648	0.9442 ± 0.4464	0.125	106	0.42
Chloridazon	µg/l	0.223 ± 0.0148	0.2477 ± 0.0707	0.029	111	0.84
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.3861 ± 0.0965	0.0399	106	0.59
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.0884 ± 0.0221	0.0101	114	1.09
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	0.1781 ± 0.0418	0.0252	98.9	-0.08
Dimethenamide	µg/l	0.898 ± 0.106	0.8904 ± 0.2344	0.0889	99.2	-0.08
Diuron	µg/l	0.444 ± 0.0257	0.4428 ± 0.1022	0.0577	99.8	-0.02
Metolachlor	µg/l	0.486 ± 0.0225	0.5114 ± 0.1185	0.0729	105	0.35
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	0.2967 ± 0.0691	0.164	67.1	-0.89
Prometryn	µg/l	0.408 ± 0.0292	0.4009 ± 0.1035	0.053	98.4	-0.13
Propazine	µg/l	0.433 ± 0.0312	0.4027 ± 0.1089	0.0563	93	-0.54
Sebuthylazine	µg/l	0.26 ± 0.0167	0.2493 ± 0.0708	0.0242	96	-0.43
Simazine	µg/l	- ± -	0.0012 ± 0.0003	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.1703 ± 0.0541	0.0186	100	0.05
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.6565 ± 0.188	0.0769	93.9	-0.56
Terbutryn	µg/l	0.245 ± 0.022	0.2786 ± 0.0683	0.0245	114	1.38

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.2737 ± 0.0684	0.0362	113	0.89
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.456 ± 0.1077	0.0495	101	0.13
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.8722 ± 0.1986	0.0975	107	0.61
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.2433 ± 0.0623	0.0299	114	1.01
Bromacil	µg/l	0.462 ± 0.0255	0.5452 ± 0.2577	0.0646	118	1.29
Chloridazon	µg/l	0.434 ± 0.035	0.4978 ± 0.1422	0.0564	115	1.13
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.1886 ± 0.0472	0.019	109	0.83
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.1149 ± 0.0287	0.013	115	1.12
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	0.4223 ± 0.0992	0.0552	107	0.52
Dimethenamide	µg/l	0.44 ± 0.037	0.4628 ± 0.1218	0.0435	105	0.53
Diuron	µg/l	0.441 ± 0.0205	0.4419 ± 0.102	0.0574	100	0.01
Metolachlor	µg/l	0.808 ± 0.0599	0.8828 ± 0.2045	0.121	109	0.62
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	0.3346 ± 0.0779	0.185	67.1	-0.89
Prometryn	µg/l	0.796 ± 0.0789	0.8297 ± 0.2142	0.104	104	0.32
Propazine	µg/l	0.237 ± 0.0166	0.2033 ± 0.055	0.0308	85.9	-1.09
Sebuthylazine	µg/l	0.431 ± 0.0318	0.4164 ± 0.1182	0.0401	96.7	-0.36
Simazine	µg/l	0.115 ± 0.00822	0.1156 ± 0.0261	0.0126	101	0.06
Terbuthylazine	µg/l	- ± -	0.0079 ± 0.0025	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.2238 ± 0.0641	0.0258	95.4	-0.42
Terbutryn	µg/l	0.799 ± 0.0611	0.8389 ± 0.2058	0.0799	105	0.49



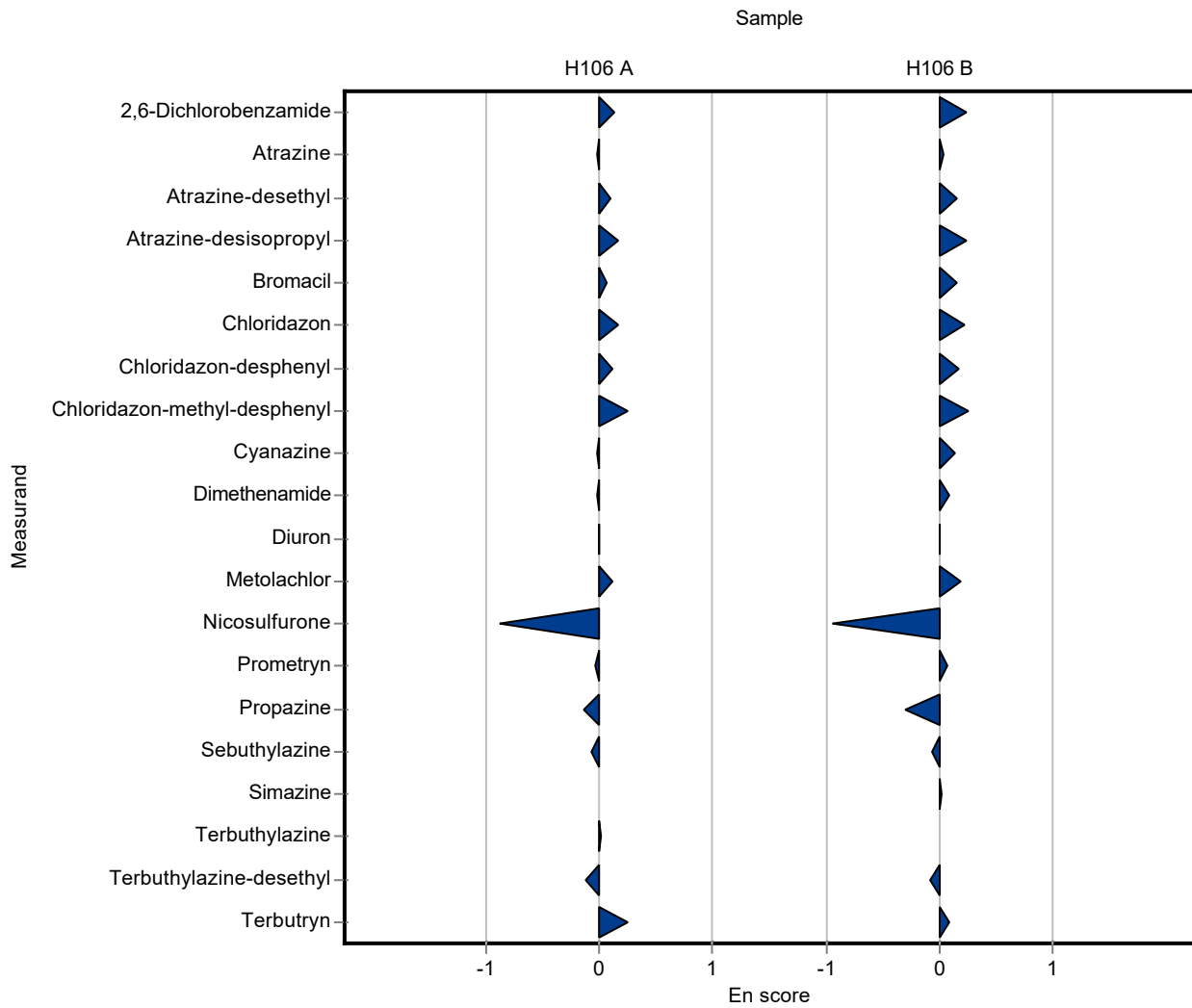
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.4789 ± 0.1197	0.0674	107	0.12
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.3291 ± 0.0777	0.0365	99.2	-0.02
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.3278 ± 0.0746	0.0376	105	0.10
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.7826 ± 0.2003	0.101	109	0.16
Bromacil	µg/l	0.892 ± 0.0648	0.9442 ± 0.4464	0.125	106	0.06
Chloridazon	µg/l	0.223 ± 0.0148	0.2477 ± 0.0707	0.029	111	0.17
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.3861 ± 0.0965	0.0399	106	0.12
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.0884 ± 0.0221	0.0101	114	0.25
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	0.1781 ± 0.0418	0.0252	98.9	-0.02
Dimethenamide	µg/l	0.898 ± 0.106	0.8904 ± 0.2344	0.0889	99.2	-0.02
Diuron	µg/l	0.444 ± 0.0257	0.4428 ± 0.1022	0.0577	99.8	-0.01
Metolachlor	µg/l	0.486 ± 0.0225	0.5114 ± 0.1185	0.0729	105	0.11
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	0.2967 ± 0.0691	0.164	67.1	-0.88
Prometryn	µg/l	0.408 ± 0.0292	0.4009 ± 0.1035	0.053	98.4	-0.03
Propazine	µg/l	0.433 ± 0.0312	0.4027 ± 0.1089	0.0563	93	-0.14
Sebuthylazine	µg/l	0.26 ± 0.0167	0.2493 ± 0.0708	0.0242	96	-0.07
Simazine	µg/l	- ± -	0.0012 ± 0.0003	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.1703 ± 0.0541	0.0186	100	0.01
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.6565 ± 0.188	0.0769	93.9	-0.11
Terbutryn	µg/l	0.245 ± 0.022	0.2786 ± 0.0683	0.0245	114	0.24

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.2737 ± 0.0684	0.0362	113	0.24
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score	
Atrazine	µg/l	0.45 ± 0.0213	0.456 ± 0.1077	0.0495	101	0.03
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.8722 ± 0.1986	0.0975	107	0.15
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.2433 ± 0.0623	0.0299	114	0.24
Bromacil	µg/l	0.462 ± 0.0255	0.5452 ± 0.2577	0.0646	118	0.16
Chloridazon	µg/l	0.434 ± 0.035	0.4978 ± 0.1422	0.0564	115	0.22
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.1886 ± 0.0472	0.019	109	0.17
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.1149 ± 0.0287	0.013	115	0.25
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	0.4223 ± 0.0992	0.0552	107	0.14
Dimethenamide	µg/l	0.44 ± 0.037	0.4628 ± 0.1218	0.0435	105	0.09
Diuron	µg/l	0.441 ± 0.0205	0.4419 ± 0.102	0.0574	100	0.00
Metolachlor	µg/l	0.808 ± 0.0599	0.8828 ± 0.2045	0.121	109	0.18
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	0.3346 ± 0.0779	0.185	67.1	-0.95
Prometryn	µg/l	0.796 ± 0.0789	0.8297 ± 0.2142	0.104	104	0.08
Propazine	µg/l	0.237 ± 0.0166	0.2033 ± 0.055	0.0308	85.9	-0.30
Sebuthylazine	µg/l	0.431 ± 0.0318	0.4164 ± 0.1182	0.0401	96.7	-0.06
Simazine	µg/l	0.115 ± 0.00822	0.1156 ± 0.0261	0.0126	101	0.01
Terbuthylazine	µg/l	- ± -	0.0079 ± 0.0025	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.2238 ± 0.0641	0.0258	95.4	-0.08
Terbutryn	µg/l	0.799 ± 0.0611	0.8389 ± 0.2058	0.0799	105	0.09



Sample: H106A

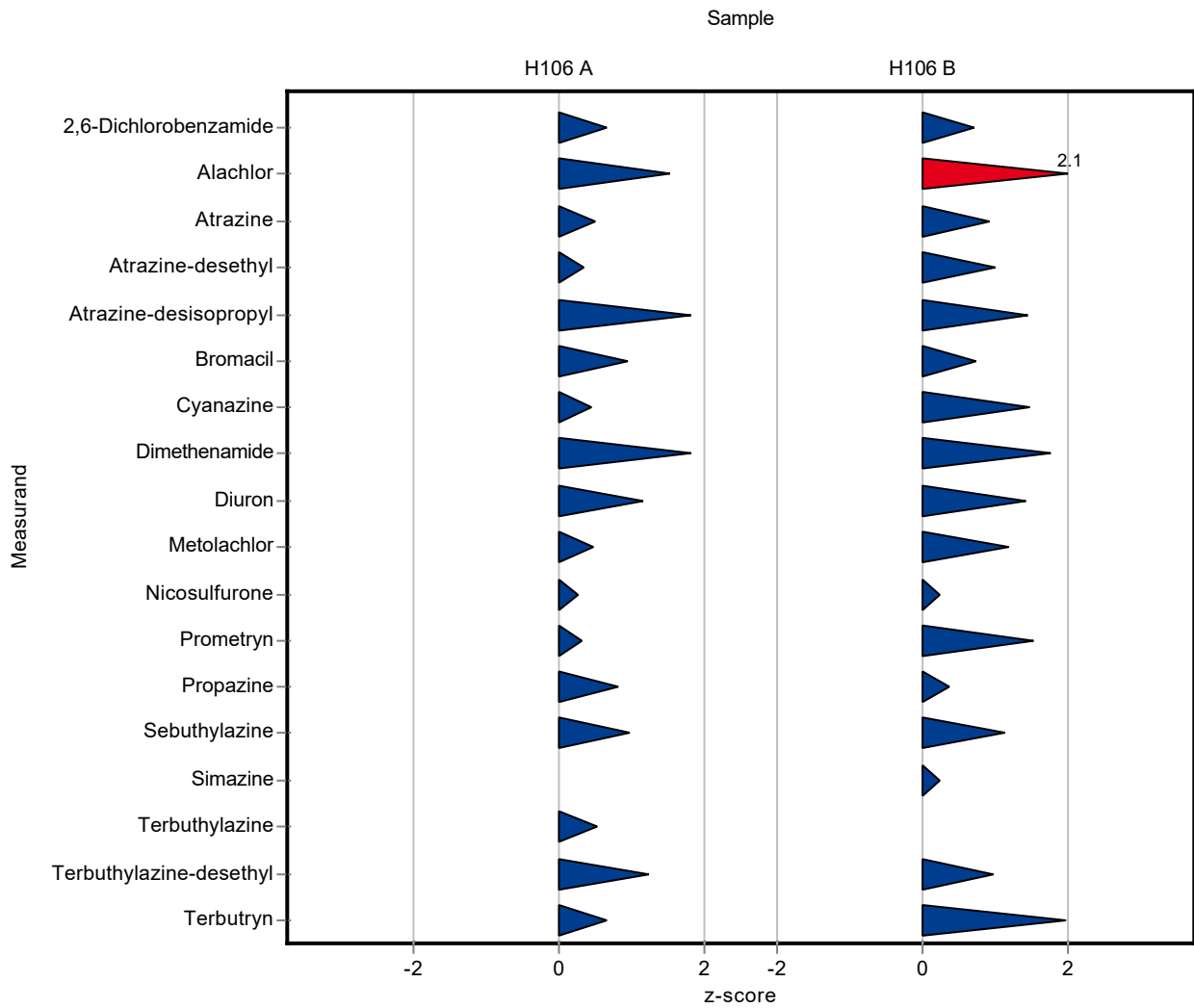
Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.493 ± 0.099	0.0674	110	0.65
Alachlor	µg/l	0.472 ± 0.0523	0.558 ± 0.112	0.0566	118	1.53
Atrazine	µg/l	0.332 ± 0.01	0.35 ± 0.053	0.0365	105	0.50
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.326 ± 0.049	0.0376	104	0.34
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.9 ± 0.135	0.101	125	1.80
Bromacil	µg/l	0.892 ± 0.0648	1.01 ± 0.202	0.125	113	0.95
Chloridazon	µg/l	0.223 ± 0.0148	- ± -	0.029	-	-
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	- ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	- ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	0.191 ± 0.038	0.0252	106	0.43
Dimethenamide	µg/l	0.898 ± 0.106	1.06 ± 0.21	0.0889	118	1.83
Diuron	µg/l	0.444 ± 0.0257	0.51 ± 0.076	0.0577	115	1.15
Metolachlor	µg/l	0.486 ± 0.0225	0.52 ± 0.078	0.0729	107	0.47
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	0.483 ± 0.097	0.164	109	0.25
Prometryn	µg/l	0.408 ± 0.0292	0.424 ± 0.085	0.053	104	0.31
Propazine	µg/l	0.433 ± 0.0312	0.478 ± 0.096	0.0563	110	0.80
Sebuthylazine	µg/l	0.26 ± 0.0167	0.283 ± 0.057	0.0242	109	0.96
Simazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.179 ± 0.036	0.0186	106	0.51
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.795 ± 0.159	0.0769	114	1.24
Terbutryn	µg/l	0.245 ± 0.022	0.261 ± 0.052	0.0245	107	0.66

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.267 ± 0.053	0.0362	111	0.71
Alachlor	µg/l	0.793 ± 0.0795	0.995 ± 0.199	0.0951	126	2.13

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.495 ± 0.074	0.0495	110	0.92
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.911 ± 0.137	0.0975	112	1.01
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.257 ± 0.039	0.0299	121	1.47
Bromacil	µg/l	0.462 ± 0.0255	0.51 ± 0.102	0.0646	110	0.75
Chloridazon	µg/l	0.434 ± 0.035	- ± -	0.0564	-	-
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	- ± -	0.019	-	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	- ± -	0.013	-	-
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	0.475 ± 0.095	0.0552	121	1.47
Dimethenamide	µg/l	0.44 ± 0.037	0.517 ± 0.103	0.0435	118	1.78
Diuron	µg/l	0.441 ± 0.0205	0.524 ± 0.079	0.0574	119	1.44
Metolachlor	µg/l	0.808 ± 0.0599	0.953 ± 0.143	0.121	118	1.20
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	0.543 ± 0.109	0.185	109	0.24
Prometryn	µg/l	0.796 ± 0.0789	0.954 ± 0.191	0.104	120	1.53
Propazine	µg/l	0.237 ± 0.0166	0.248 ± 0.05	0.0308	105	0.37
Sebuthylazine	µg/l	0.431 ± 0.0318	0.476 ± 0.095	0.0401	110	1.13
Simazine	µg/l	0.115 ± 0.00822	0.118 ± 0.024	0.0126	103	0.25
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.26 ± 0.052	0.0258	111	0.99
Terbutryn	µg/l	0.799 ± 0.0611	0.958 ± 0.192	0.0799	120	1.98





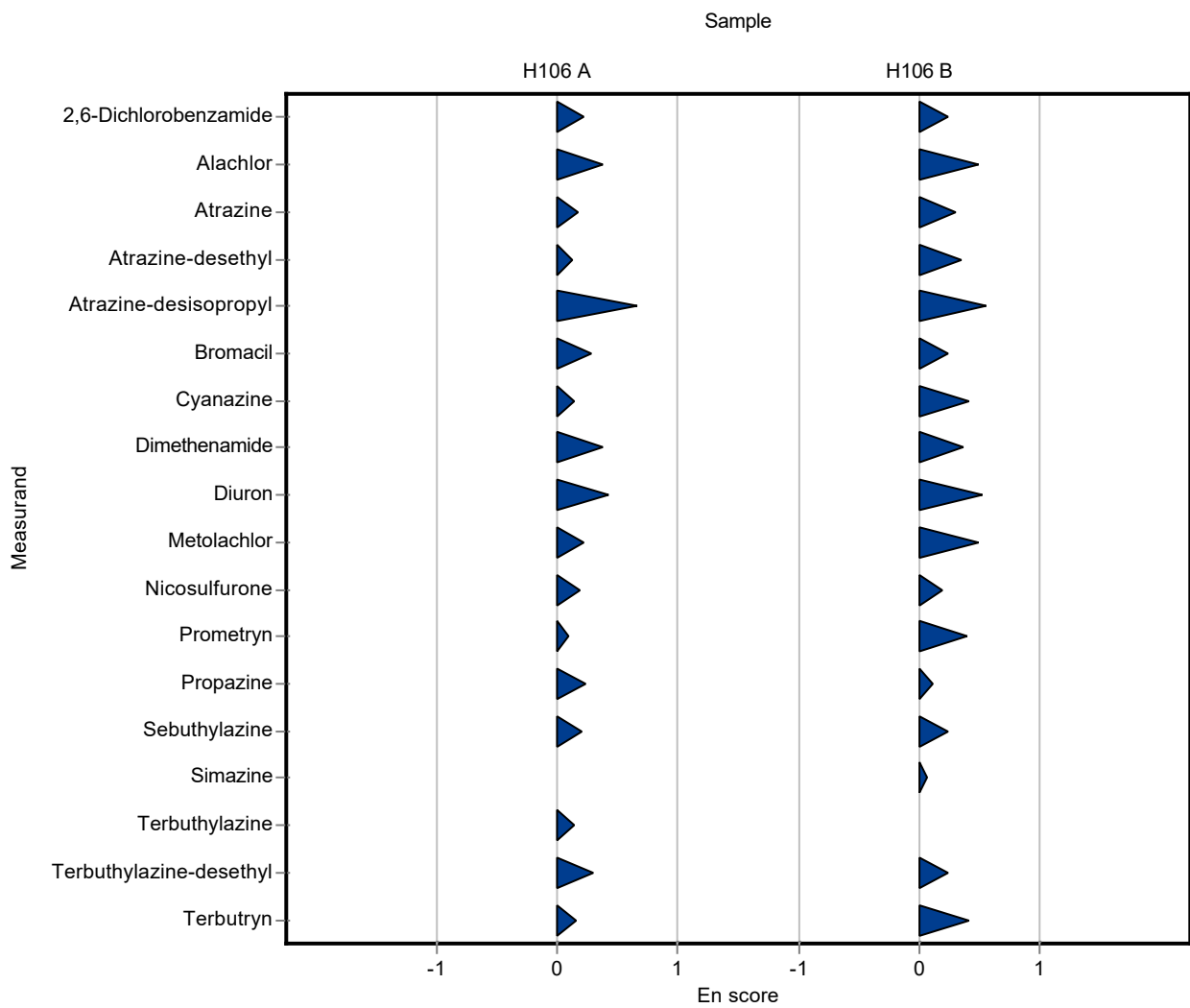
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.493 ± 0.099	0.0674	110	0.22
Alachlor	µg/l	0.472 ± 0.0523	0.558 ± 0.112	0.0566	118	0.38
Atrazine	µg/l	0.332 ± 0.01	0.35 ± 0.053	0.0365	105	0.17
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.326 ± 0.049	0.0376	104	0.13
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.9 ± 0.135	0.101	125	0.66
Bromacil	µg/l	0.892 ± 0.0648	1.01 ± 0.202	0.125	113	0.29
Chloridazon	µg/l	0.223 ± 0.0148	- ± -	0.029	-	-
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	- ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	- ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	0.191 ± 0.038	0.0252	106	0.14
Dimethenamide	µg/l	0.898 ± 0.106	1.06 ± 0.21	0.0889	118	0.38
Diuron	µg/l	0.444 ± 0.0257	0.51 ± 0.076	0.0577	115	0.43
Metolachlor	µg/l	0.486 ± 0.0225	0.52 ± 0.078	0.0729	107	0.22
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	0.483 ± 0.097	0.164	109	0.19
Prometryn	µg/l	0.408 ± 0.0292	0.424 ± 0.085	0.053	104	0.10
Propazine	µg/l	0.433 ± 0.0312	0.478 ± 0.096	0.0563	110	0.23
Sebuthylazine	µg/l	0.26 ± 0.0167	0.283 ± 0.057	0.0242	109	0.20
Simazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.179 ± 0.036	0.0186	106	0.13
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.795 ± 0.159	0.0769	114	0.30
Terbutryn	µg/l	0.245 ± 0.022	0.261 ± 0.052	0.0245	107	0.15

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.267 ± 0.053	0.0362	111	0.24
Alachlor	µg/l	0.793 ± 0.0795	0.995 ± 0.199	0.0951	126	0.50

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score	
Atrazine	µg/l	0.45 ± 0.0213	0.495 ± 0.074	0.0495	110	0.30
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.911 ± 0.137	0.0975	112	0.36
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.257 ± 0.039	0.0299	121	0.55
Bromacil	µg/l	0.462 ± 0.0255	0.51 ± 0.102	0.0646	110	0.24
Chloridazon	µg/l	0.434 ± 0.035	- ± -	0.0564	-	-
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	- ± -	0.019	-	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	- ± -	0.013	-	-
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	0.475 ± 0.095	0.0552	121	0.42
Dimethenamide	µg/l	0.44 ± 0.037	0.517 ± 0.103	0.0435	118	0.37
Diuron	µg/l	0.441 ± 0.0205	0.524 ± 0.079	0.0574	119	0.52
Metolachlor	µg/l	0.808 ± 0.0599	0.953 ± 0.143	0.121	118	0.50
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	0.543 ± 0.109	0.185	109	0.19
Prometryn	µg/l	0.796 ± 0.0789	0.954 ± 0.191	0.104	120	0.41
Propazine	µg/l	0.237 ± 0.0166	0.248 ± 0.05	0.0308	105	0.11
Sebuthylazine	µg/l	0.431 ± 0.0318	0.476 ± 0.095	0.0401	110	0.23
Simazine	µg/l	0.115 ± 0.00822	0.118 ± 0.024	0.0126	103	0.06
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.26 ± 0.052	0.0258	111	0.24
Terbutryn	µg/l	0.799 ± 0.0611	0.958 ± 0.192	0.0799	120	0.41



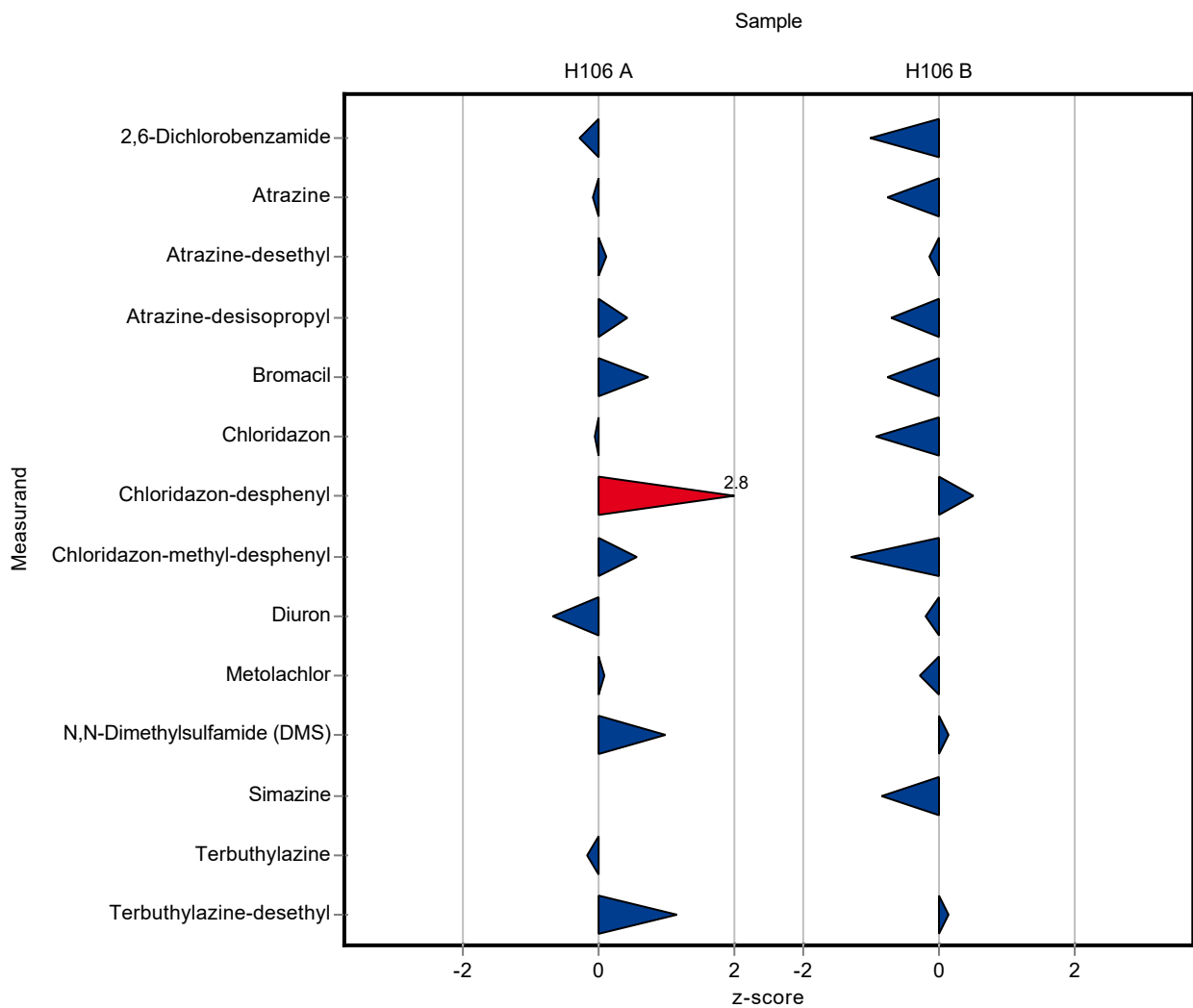
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.4303 ± 0.036	0.0674	95.8	-0.28
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.3285 ± 0.017	0.0365	99	-0.09
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.3175 ± 0.027	0.0376	101	0.12
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.7604 ± 0.028	0.101	106	0.42
Bromacil	µg/l	0.892 ± 0.0648	0.9832 ± 0.067	0.125	110	0.73
Chloridazon	µg/l	0.223 ± 0.0148	0.2218 ± 0.015	0.029	99.3	-0.06
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.4725 ± 0.012	0.0399	130	2.75
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.083 ± 0.007	0.0101	107	0.55
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	- ± -	0.0889	-	-
Diuron	µg/l	0.444 ± 0.0257	0.405 ± 0.057	0.0577	91.2	-0.67
Metolachlor	µg/l	0.486 ± 0.0225	0.4911 ± 0.02	0.0729	101	0.07
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.2294 ± 0.016	0.0301	115	0.97
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	0.0021 ± 0.0003	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.1664 ± 0.012	0.0186	98.2	-0.16
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.7888 ± 0.092	0.0769	113	1.16
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.2053 ± 0.018	0.0362	85.1	-1.00
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.4115 ± 0.034	0.0495	91.5	-0.77
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.7978 ± 0.095	0.0975	98.2	-0.15
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.1921 ± 0.006	0.0299	90.1	-0.71
Bromacil	µg/l	0.462 ± 0.0255	0.4134 ± 0.03	0.0646	89.6	-0.74
Chloridazon	µg/l	0.434 ± 0.035	0.3815 ± 0.053	0.0564	87.9	-0.93
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.1828 ± 0.007	0.019	106	0.52
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.0835 ± 0.009	0.013	83.2	-1.29
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	- ± -	0.0435	-	-
Diuron	µg/l	0.441 ± 0.0205	0.4311 ± 0.065	0.0574	97.7	-0.18
Metolachlor	µg/l	0.808 ± 0.0599	0.7751 ± 0.04	0.121	95.9	-0.27
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.4095 ± 0.017	0.0601	102	0.14
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-	-
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	-	-
Simazine	µg/l	0.115 ± 0.00822	0.1043 ± 0.015	0.0126	90.8	-0.83
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.238 ± 0.036	0.0258	101	0.13
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-	-



Sample: H106A

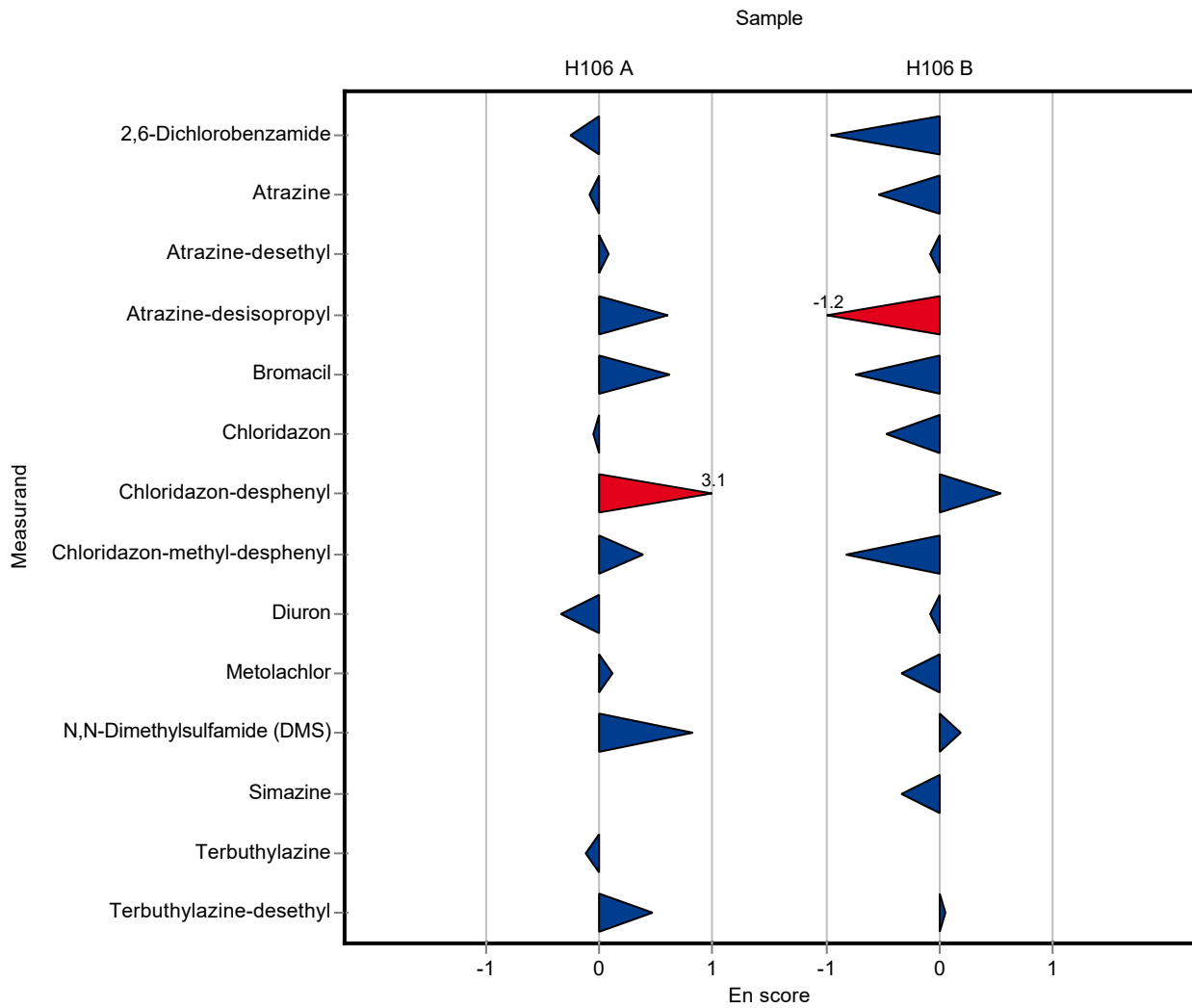
Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.4303 ± 0.036	0.0674	95.8	-0.26
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.3285 ± 0.017	0.0365	99	-0.10
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.3175 ± 0.027	0.0376	101	0.08
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.7604 ± 0.028	0.101	106	0.60
Bromacil	µg/l	0.892 ± 0.0648	0.9832 ± 0.067	0.125	110	0.61
Chloridazon	µg/l	0.223 ± 0.0148	0.2218 ± 0.015	0.029	99.3	-0.05
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.4725 ± 0.012	0.0399	130	3.15
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.083 ± 0.007	0.0101	107	0.38
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	- ± -	0.0889	-	-
Diuron	µg/l	0.444 ± 0.0257	0.405 ± 0.057	0.0577	91.2	-0.33
Metolachlor	µg/l	0.486 ± 0.0225	0.4911 ± 0.02	0.0729	101	0.12
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.2294 ± 0.016	0.0301	115	0.83
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	0.0021 ± 0.0003	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.1664 ± 0.012	0.0186	98.2	-0.12
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.7888 ± 0.092	0.0769	113	0.47
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.2053 ± 0.018	0.0362	85.1	-0.96
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-



Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	0.45 ± 0.0213	0.4115 ± 0.034	0.0495	91.5	-0.53
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.7978 ± 0.095	0.0975	98.2	-0.07
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.1921 ± 0.006	0.0299	90.1	-1.15
Bromacil	µg/l	0.462 ± 0.0255	0.4134 ± 0.03	0.0646	89.6	-0.74
Chloridazon	µg/l	0.434 ± 0.035	0.3815 ± 0.053	0.0564	87.9	-0.47
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.1828 ± 0.007	0.019	106	0.55
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.0835 ± 0.009	0.013	83.2	-0.83
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	- ± -	0.0435	-	-
Diuron	µg/l	0.441 ± 0.0205	0.4311 ± 0.065	0.0574	97.7	-0.08
Metolachlor	µg/l	0.808 ± 0.0599	0.7751 ± 0.04	0.121	95.9	-0.33
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.4095 ± 0.017	0.0601	102	0.18
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-	-
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	-	-
Simazine	µg/l	0.115 ± 0.00822	0.1043 ± 0.015	0.0126	90.8	-0.34
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.238 ± 0.036	0.0258	101	0.05
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-	-



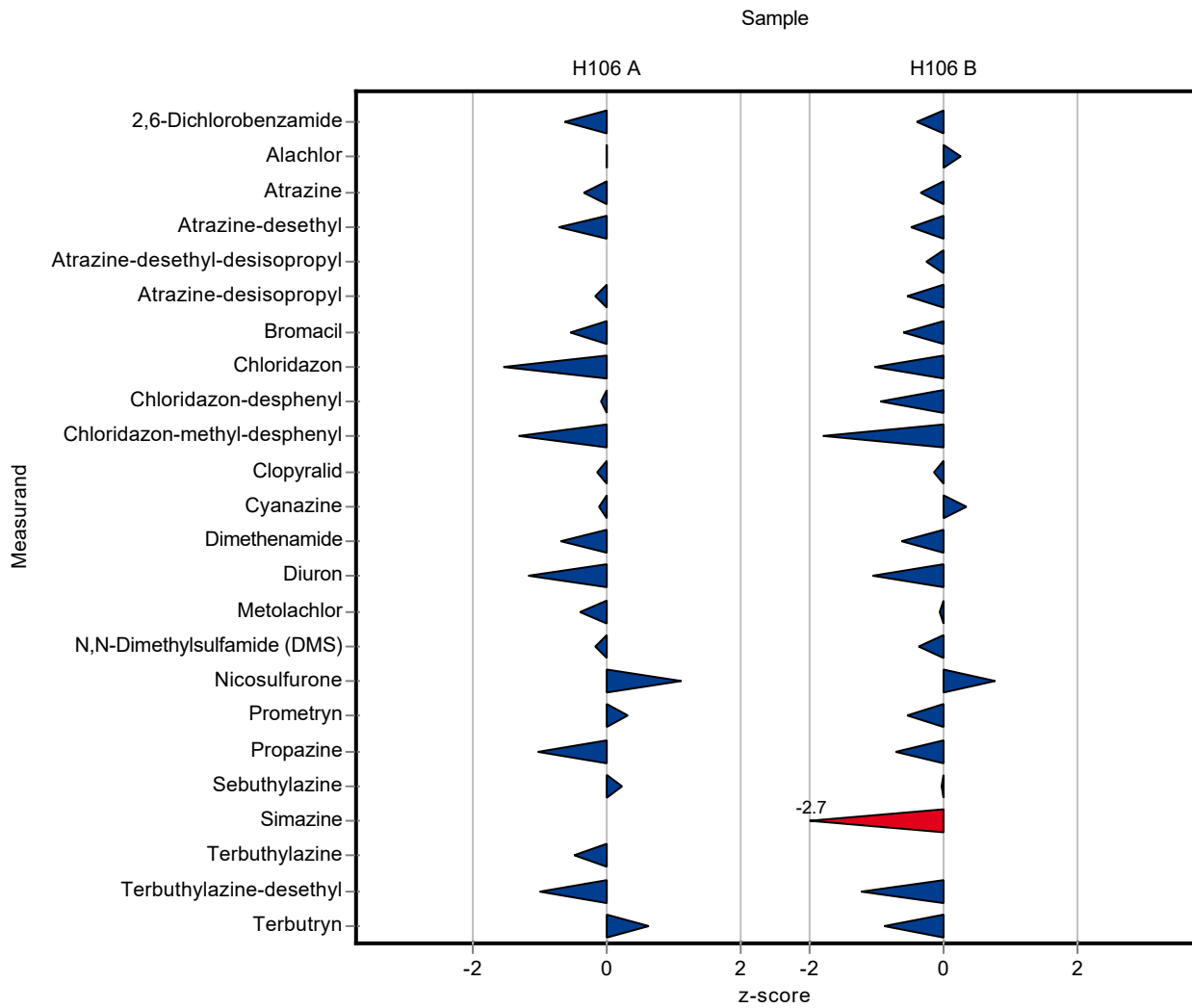
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.407 ± 0.061	0.0674	90.6	-0.63
Alachlor	µg/l	0.472 ± 0.0523	0.471 ± 0.071	0.0566	99.9	-0.01
Atrazine	µg/l	0.332 ± 0.01	0.319 ± 0.048	0.0365	96.1	-0.35
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.286 ± 0.043	0.0376	91.3	-0.72
Atrazine-desethyl-desisopropyl	µg/l	- ± -	0.143 ± 0.021	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.699 ± 0.105	0.101	97.3	-0.19
Bromacil	µg/l	0.892 ± 0.0648	0.822 ± 0.123	0.125	92.2	-0.56
Chloridazon	µg/l	0.223 ± 0.0148	0.178 ± 0.027	0.029	79.7	-1.56
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.359 ± 0.054	0.0399	99	-0.09
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.064 ± 0.01	0.0101	82.6	-1.33
Clopyralid	µg/l	0.272 ± 0.0273	0.259 ± 0.039	0.0926	95.1	-0.14
Cyanazine	µg/l	0.18 ± 0.0226	0.177 ± 0.027	0.0252	98.3	-0.12
Dimethenamide	µg/l	0.898 ± 0.106	0.837 ± 0.126	0.0889	93.2	-0.68
Diuron	µg/l	0.444 ± 0.0257	0.375 ± 0.056	0.0577	84.5	-1.19
Metolachlor	µg/l	0.486 ± 0.0225	0.456 ± 0.068	0.0729	93.9	-0.41
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.195 ± 0.029	0.0301	97.4	-0.18
Nicosulfurone	µg/l	0.443 ± 0.0928	0.623 ± 0.093	0.164	141	1.10
Prometryn	µg/l	0.408 ± 0.0292	0.423 ± 0.063	0.053	104	0.29
Propazine	µg/l	0.433 ± 0.0312	0.375 ± 0.056	0.0563	86.6	-1.03
Sebuthylazine	µg/l	0.26 ± 0.0167	0.265 ± 0.04	0.0242	102	0.21
Simazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.16 ± 0.024	0.0186	94.4	-0.51
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.622 ± 0.093	0.0769	88.9	-1.01
Terbutryn	µg/l	0.245 ± 0.022	0.26 ± 0.039	0.0245	106	0.62

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.227 ± 0.034	0.0362	94	-0.40
Alachlor	µg/l	0.793 ± 0.0795	0.818 ± 0.123	0.0951	103	0.27

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.433 ± 0.065	0.0495	96.3	-0.33
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.765 ± 0.115	0.0975	94.2	-0.48
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	0.304 ± 0.046	0.105	92.1	-0.25
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.197 ± 0.03	0.0299	92.4	-0.54
Bromacil	µg/l	0.462 ± 0.0255	0.424 ± 0.064	0.0646	91.9	-0.58
Chloridazon	µg/l	0.434 ± 0.035	0.377 ± 0.057	0.0564	86.9	-1.01
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.155 ± 0.023	0.019	89.7	-0.94
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.077 ± 0.012	0.013	76.7	-1.79
Clopyralid	µg/l	0.421 ± 0.0297	0.402 ± 0.06	0.143	95.6	-0.13
Cyanazine	µg/l	0.394 ± 0.0382	0.414 ± 0.062	0.0552	105	0.36
Dimethenamide	µg/l	0.44 ± 0.037	0.413 ± 0.062	0.0435	93.9	-0.61
Diuron	µg/l	0.441 ± 0.0205	0.381 ± 0.057	0.0574	86.3	-1.05
Metolachlor	µg/l	0.808 ± 0.0599	0.804 ± 0.121	0.121	99.5	-0.03
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.38 ± 0.057	0.0601	94.8	-0.35
Nicosulfurone	µg/l	0.499 ± 0.0752	0.644 ± 0.097	0.185	129	0.79
Prometryn	µg/l	0.796 ± 0.0789	0.742 ± 0.111	0.104	93.2	-0.52
Propazine	µg/l	0.237 ± 0.0166	0.215 ± 0.032	0.0308	90.8	-0.70
Sebuthylazine	µg/l	0.431 ± 0.0318	0.43 ± 0.065	0.0401	99.8	-0.02
Simazine	µg/l	0.115 ± 0.00822	0.081 ± 0.012	0.0126	70.5	-2.68
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.203 ± 0.03	0.0258	86.5	-1.22
Terbutryn	µg/l	0.799 ± 0.0611	0.729 ± 0.109	0.0799	91.2	-0.88



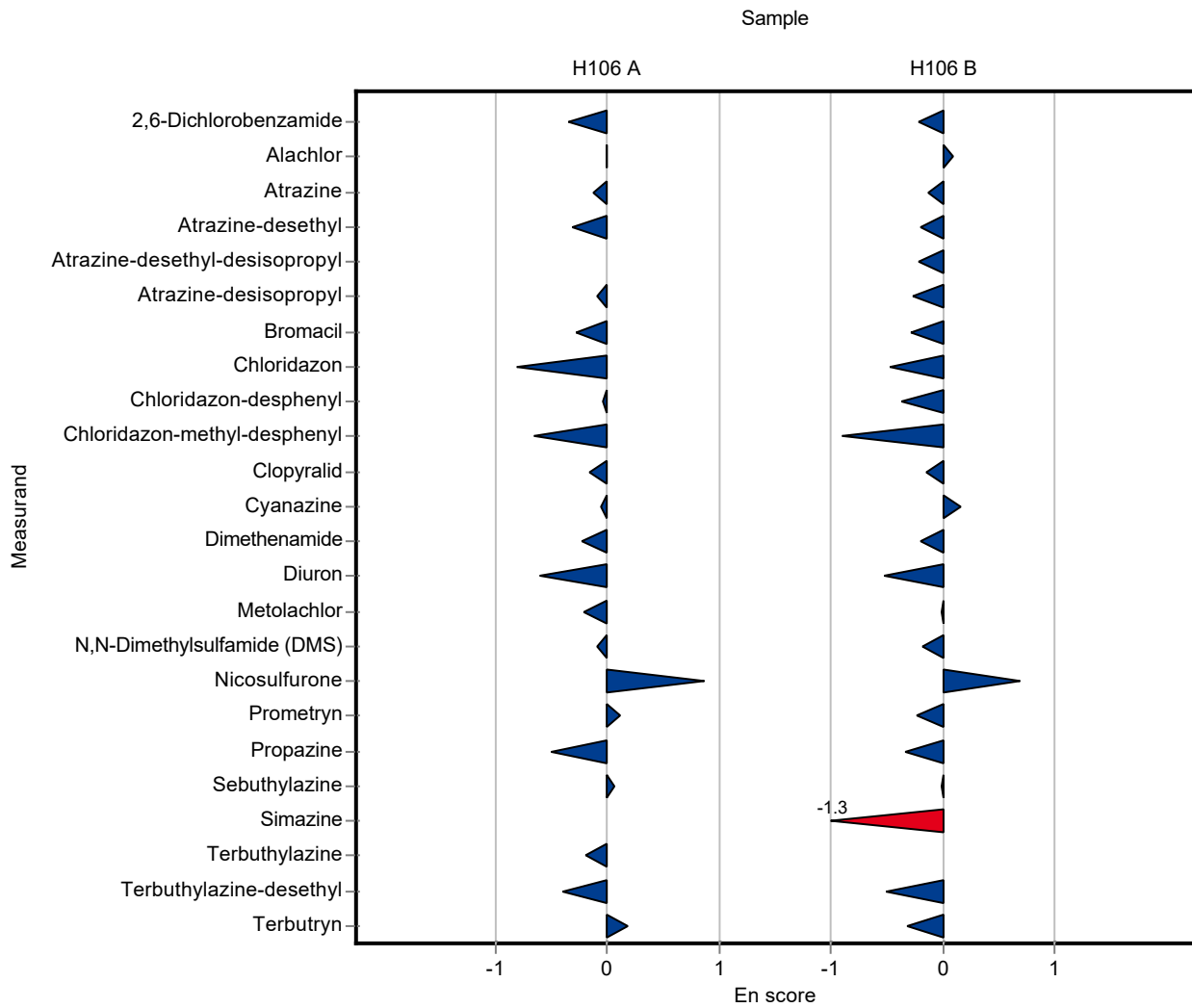
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.407 ± 0.061	0.0674	90.6	-0.34
Alachlor	µg/l	0.472 ± 0.0523	0.471 ± 0.071	0.0566	99.9	0.00
Atrazine	µg/l	0.332 ± 0.01	0.319 ± 0.048	0.0365	96.1	-0.13
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.286 ± 0.043	0.0376	91.3	-0.31
Atrazine-desethyl-desisopropyl	µg/l	- ± -	0.143 ± 0.021	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.699 ± 0.105	0.101	97.3	-0.09
Bromacil	µg/l	0.892 ± 0.0648	0.822 ± 0.123	0.125	92.2	-0.28
Chloridazon	µg/l	0.223 ± 0.0148	0.178 ± 0.027	0.029	79.7	-0.81
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.359 ± 0.054	0.0399	99	-0.03
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.064 ± 0.01	0.0101	82.6	-0.66
Clopyralid	µg/l	0.272 ± 0.0273	0.259 ± 0.039	0.0926	95.1	-0.16
Cyanazine	µg/l	0.18 ± 0.0226	0.177 ± 0.027	0.0252	98.3	-0.05
Dimethenamide	µg/l	0.898 ± 0.106	0.837 ± 0.126	0.0889	93.2	-0.22
Diuron	µg/l	0.444 ± 0.0257	0.375 ± 0.056	0.0577	84.5	-0.60
Metolachlor	µg/l	0.486 ± 0.0225	0.456 ± 0.068	0.0729	93.9	-0.22
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.195 ± 0.029	0.0301	97.4	-0.09
Nicosulfurone	µg/l	0.443 ± 0.0928	0.623 ± 0.093	0.164	141	0.87
Prometryn	µg/l	0.408 ± 0.0292	0.423 ± 0.063	0.053	104	0.12
Propazine	µg/l	0.433 ± 0.0312	0.375 ± 0.056	0.0563	86.6	-0.50
Sebuthylazine	µg/l	0.26 ± 0.0167	0.265 ± 0.04	0.0242	102	0.06
Simazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.16 ± 0.024	0.0186	94.4	-0.20
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.622 ± 0.093	0.0769	88.9	-0.40
Terbutryn	µg/l	0.245 ± 0.022	0.26 ± 0.039	0.0245	106	0.19

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.227 ± 0.034	0.0362	94	-0.21
Alachlor	µg/l	0.793 ± 0.0795	0.818 ± 0.123	0.0951	103	0.10

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	0.45 ± 0.0213	0.433 ± 0.065	0.0495	96.3	-0.13
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.765 ± 0.115	0.0975	94.2	-0.20
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	0.304 ± 0.046	0.105	92.1	-0.22
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.197 ± 0.03	0.0299	92.4	-0.26
Bromacil	µg/l	0.462 ± 0.0255	0.424 ± 0.064	0.0646	91.9	-0.29
Chloridazon	µg/l	0.434 ± 0.035	0.377 ± 0.057	0.0564	86.9	-0.48
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.155 ± 0.023	0.019	89.7	-0.38
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.077 ± 0.012	0.013	76.7	-0.90
Clopyralid	µg/l	0.421 ± 0.0297	0.402 ± 0.06	0.143	95.6	-0.15
Cyanazine	µg/l	0.394 ± 0.0382	0.414 ± 0.062	0.0552	105	0.15
Dimethenamide	µg/l	0.44 ± 0.037	0.413 ± 0.062	0.0435	93.9	-0.21
Diuron	µg/l	0.441 ± 0.0205	0.381 ± 0.057	0.0574	86.3	-0.52
Metolachlor	µg/l	0.808 ± 0.0599	0.804 ± 0.121	0.121	99.5	-0.02
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.38 ± 0.057	0.0601	94.8	-0.18
Nicosulfurone	µg/l	0.499 ± 0.0752	0.644 ± 0.097	0.185	129	0.70
Prometryn	µg/l	0.796 ± 0.0789	0.742 ± 0.111	0.104	93.2	-0.23
Propazine	µg/l	0.237 ± 0.0166	0.215 ± 0.032	0.0308	90.8	-0.33
Sebuthylazine	µg/l	0.431 ± 0.0318	0.43 ± 0.065	0.0401	99.8	-0.01
Simazine	µg/l	0.115 ± 0.00822	0.081 ± 0.012	0.0126	70.5	-1.33
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.203 ± 0.03	0.0258	86.5	-0.51
Terbutryn	µg/l	0.799 ± 0.0611	0.729 ± 0.109	0.0799	91.2	-0.31





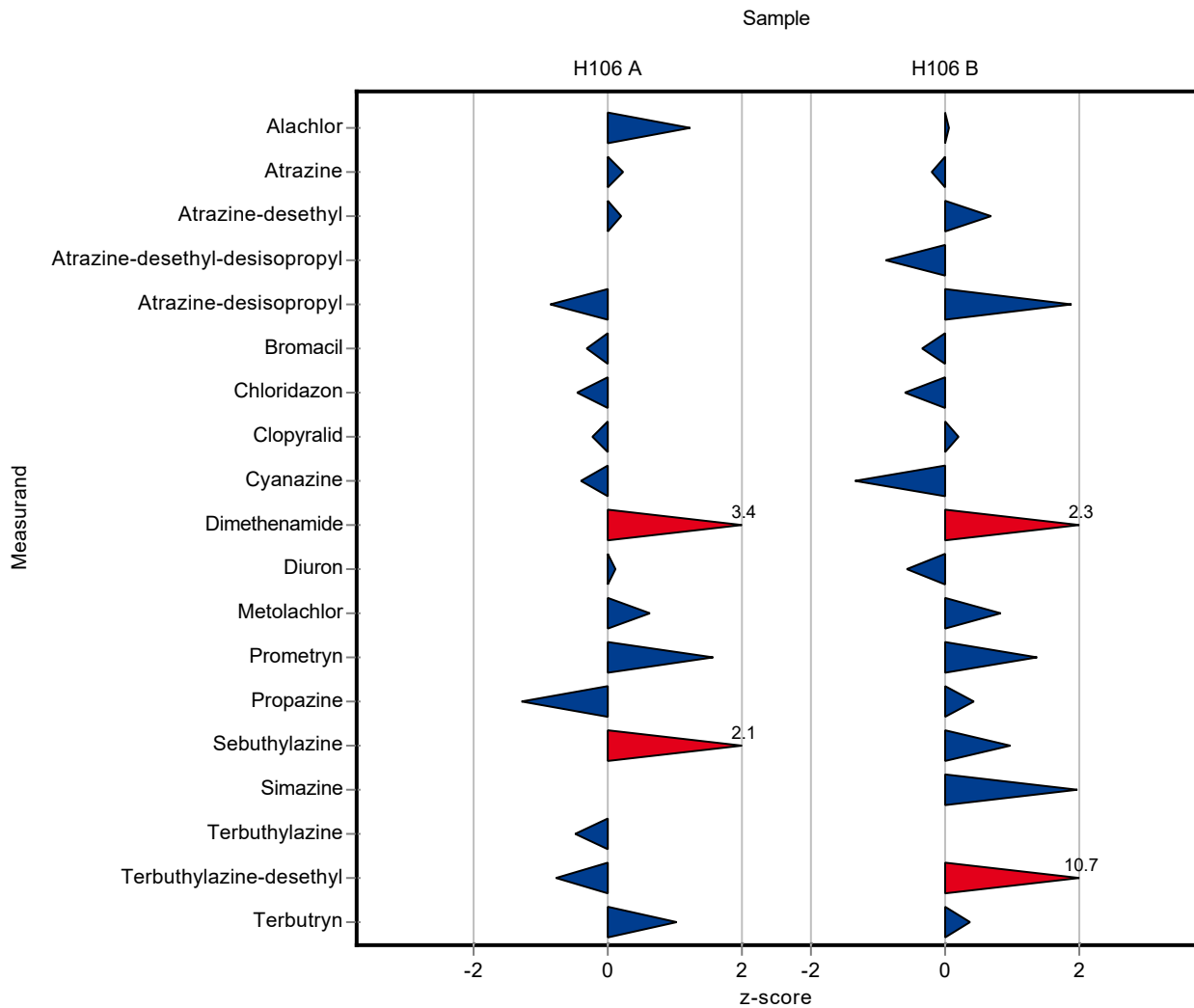
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	- ± -	0.0674	-	-
Alachlor	µg/l	0.472 ± 0.0523	0.54 ± 0.11	0.0566	115	1.21
Atrazine	µg/l	0.332 ± 0.01	0.34 ± 0.07	0.0365	102	0.22
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.32 ± 0.06	0.0376	102	0.18
Atrazine-desethyl-desisopropyl	µg/l	- ± -	0.56 ± 0.11	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.63 ± 0.13	0.101	87.7	-0.88
Bromacil	µg/l	0.892 ± 0.0648	0.85 ± 0.17	0.125	95.3	-0.34
Chloridazon	µg/l	0.223 ± 0.0148	0.21 ± 0.04	0.029	94	-0.46
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	<1 (LOQ) ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	<1 (LOQ) ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	0.25 ± 0.05	0.0926	91.8	-0.24
Cyanazine	µg/l	0.18 ± 0.0226	0.17 ± 0.03	0.0252	94.4	-0.40
Dimethenamide	µg/l	0.898 ± 0.106	1.2 ± 0.24	0.0889	134	3.40
Diuron	µg/l	0.444 ± 0.0257	0.45 ± 0.09	0.0577	101	0.11
Metolachlor	µg/l	0.486 ± 0.0225	0.53 ± 0.11	0.0729	109	0.61
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	<1 (LOQ) ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	0.49 ± 0.1	0.053	120	1.56
Propazine	µg/l	0.433 ± 0.0312	0.36 ± 0.07	0.0563	83.2	-1.29
Sebuthylazine	µg/l	0.26 ± 0.0167	0.31 ± 0.06	0.0242	119	2.08
Simazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.16 ± 0.03	0.0186	94.4	-0.51
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.64 ± 0.13	0.0769	91.5	-0.77
Terbutryn	µg/l	0.245 ± 0.022	0.27 ± 0.05	0.0245	110	1.02

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	- ± -	0.0362	-	-
Alachlor	µg/l	0.793 ± 0.0795	0.8 ± 0.16	0.0951	101	0.08

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.44 ± 0.09	0.0495	97.9	-0.19
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.88 ± 0.18	0.0975	108	0.69
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	0.24 ± 0.05	0.105	72.7	-0.86
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.27 ± 0.05	0.0299	127	1.90
Bromacil	µg/l	0.462 ± 0.0255	0.44 ± 0.09	0.0646	95.3	-0.33
Chloridazon	µg/l	0.434 ± 0.035	0.4 ± 0.08	0.0564	92.2	-0.60
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	<1 (LOQ) ± -	0.019	-	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	<1 (LOQ) ± -	0.013	-	-
Clopyralid	µg/l	0.421 ± 0.0297	0.45 ± 0.11	0.143	107	0.20
Cyanazine	µg/l	0.394 ± 0.0382	0.32 ± 0.06	0.0552	81.2	-1.34
Dimethenamide	µg/l	0.44 ± 0.037	0.54 ± 0.11	0.0435	123	2.31
Diuron	µg/l	0.441 ± 0.0205	0.41 ± 0.08	0.0574	92.9	-0.55
Metolachlor	µg/l	0.808 ± 0.0599	0.91 ± 0.18	0.121	113	0.84
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	<1 (LOQ) ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	0.94 ± 0.19	0.104	118	1.39
Propazine	µg/l	0.237 ± 0.0166	0.25 ± 0.05	0.0308	106	0.43
Sebuthylazine	µg/l	0.431 ± 0.0318	0.47 ± 0.09	0.0401	109	0.98
Simazine	µg/l	0.115 ± 0.00822	0.14 ± 0.03	0.0126	122	1.99
Terbuthylazine	µg/l	- ± -	0.26 ± 0.05	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.51 ± 0.1	0.0258	217	10.70
Terbutryn	µg/l	0.799 ± 0.0611	0.83 ± 0.17	0.0799	104	0.38



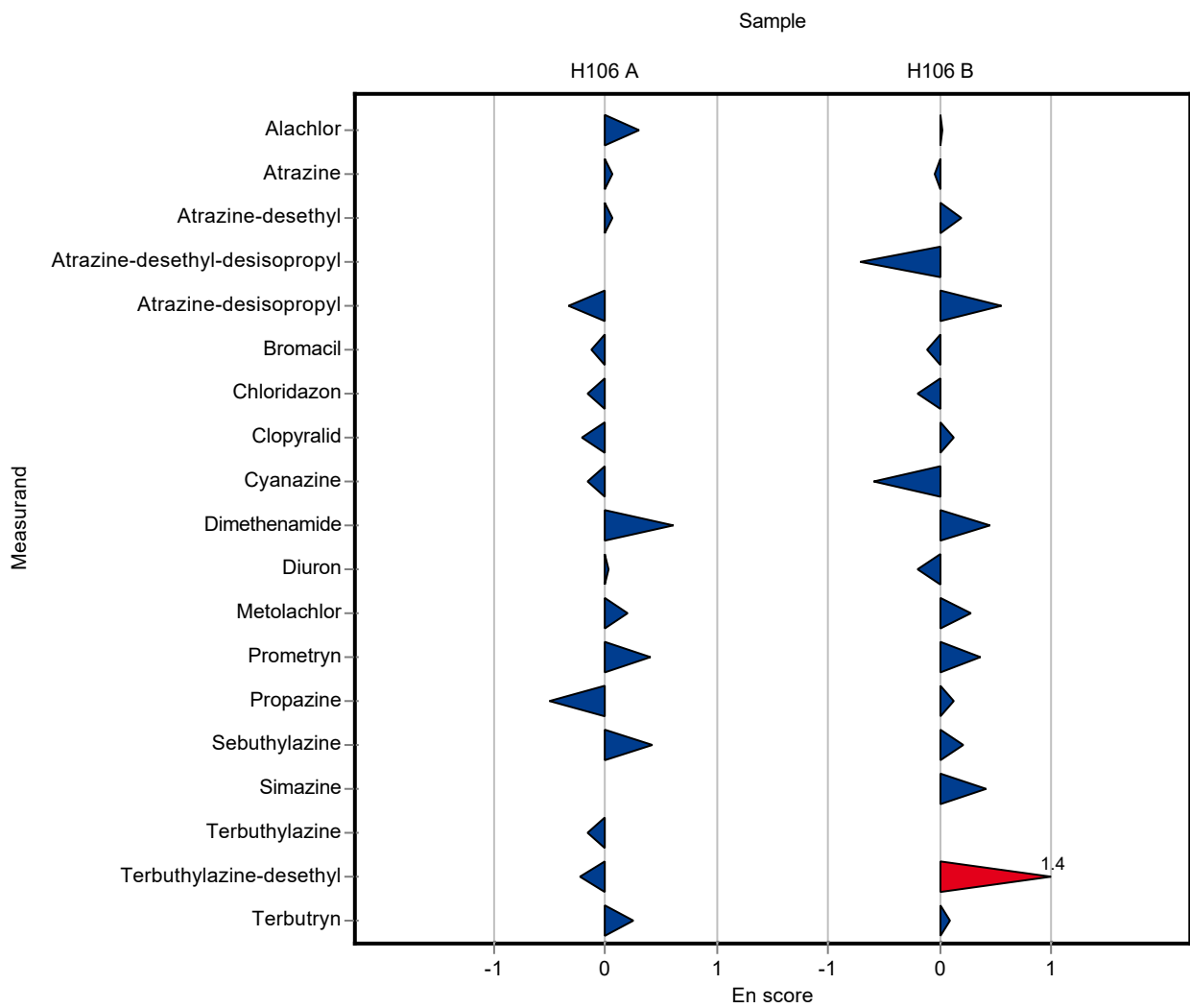
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	- ± -	0.0674	-	-
Alachlor	µg/l	0.472 ± 0.0523	0.54 ± 0.11	0.0566	115	0.30
Atrazine	µg/l	0.332 ± 0.01	0.34 ± 0.07	0.0365	102	0.06
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.32 ± 0.06	0.0376	102	0.06
Atrazine-desethyl-desisopropyl	µg/l	- ± -	0.56 ± 0.11	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.63 ± 0.13	0.101	87.7	-0.34
Bromacil	µg/l	0.892 ± 0.0648	0.85 ± 0.17	0.125	95.3	-0.12
Chloridazon	µg/l	0.223 ± 0.0148	0.21 ± 0.04	0.029	94	-0.17
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	<1 (LOQ) ± -	0.0399	-	-
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	<1 (LOQ) ± -	0.0101	-	-
Clopyralid	µg/l	0.272 ± 0.0273	0.25 ± 0.05	0.0926	91.8	-0.22
Cyanazine	µg/l	0.18 ± 0.0226	0.17 ± 0.03	0.0252	94.4	-0.16
Dimethenamide	µg/l	0.898 ± 0.106	1.2 ± 0.24	0.0889	134	0.61
Diuron	µg/l	0.444 ± 0.0257	0.45 ± 0.09	0.0577	101	0.03
Metolachlor	µg/l	0.486 ± 0.0225	0.53 ± 0.11	0.0729	109	0.20
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	<1 (LOQ) ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	0.49 ± 0.1	0.053	120	0.41
Propazine	µg/l	0.433 ± 0.0312	0.36 ± 0.07	0.0563	83.2	-0.51
Sebuthylazine	µg/l	0.26 ± 0.0167	0.31 ± 0.06	0.0242	119	0.41
Simazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.16 ± 0.03	0.0186	94.4	-0.16
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.64 ± 0.13	0.0769	91.5	-0.23
Terbutryn	µg/l	0.245 ± 0.022	0.27 ± 0.05	0.0245	110	0.24

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	- ± -	0.0362	-	-
Alachlor	µg/l	0.793 ± 0.0795	0.8 ± 0.16	0.0951	101	0.02

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	0.45 ± 0.0213	0.44 ± 0.09	0.0495	97.9	-0.05
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.88 ± 0.18	0.0975	108	0.19
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	0.24 ± 0.05	0.105	72.7	-0.71
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.27 ± 0.05	0.0299	127	0.56
Bromacil	µg/l	0.462 ± 0.0255	0.44 ± 0.09	0.0646	95.3	-0.12
Chloridazon	µg/l	0.434 ± 0.035	0.4 ± 0.08	0.0564	92.2	-0.21
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	<1 (LOQ) ± -	0.019	-	-
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	<1 (LOQ) ± -	0.013	-	-
Clopyralid	µg/l	0.421 ± 0.0297	0.45 ± 0.11	0.143	107	0.13
Cyanazine	µg/l	0.394 ± 0.0382	0.32 ± 0.06	0.0552	81.2	-0.59
Dimethenamide	µg/l	0.44 ± 0.037	0.54 ± 0.11	0.0435	123	0.45
Diuron	µg/l	0.441 ± 0.0205	0.41 ± 0.08	0.0574	92.9	-0.20
Metolachlor	µg/l	0.808 ± 0.0599	0.91 ± 0.18	0.121	113	0.28
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	<1 (LOQ) ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	0.94 ± 0.19	0.104	118	0.37
Propazine	µg/l	0.237 ± 0.0166	0.25 ± 0.05	0.0308	106	0.13
Sebuthylazine	µg/l	0.431 ± 0.0318	0.47 ± 0.09	0.0401	109	0.21
Simazine	µg/l	0.115 ± 0.00822	0.14 ± 0.03	0.0126	122	0.41
Terbuthylazine	µg/l	- ± -	0.26 ± 0.05	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.51 ± 0.1	0.0258	217	1.37
Terbutryn	µg/l	0.799 ± 0.0611	0.83 ± 0.17	0.0799	104	0.09



Sample: H106A

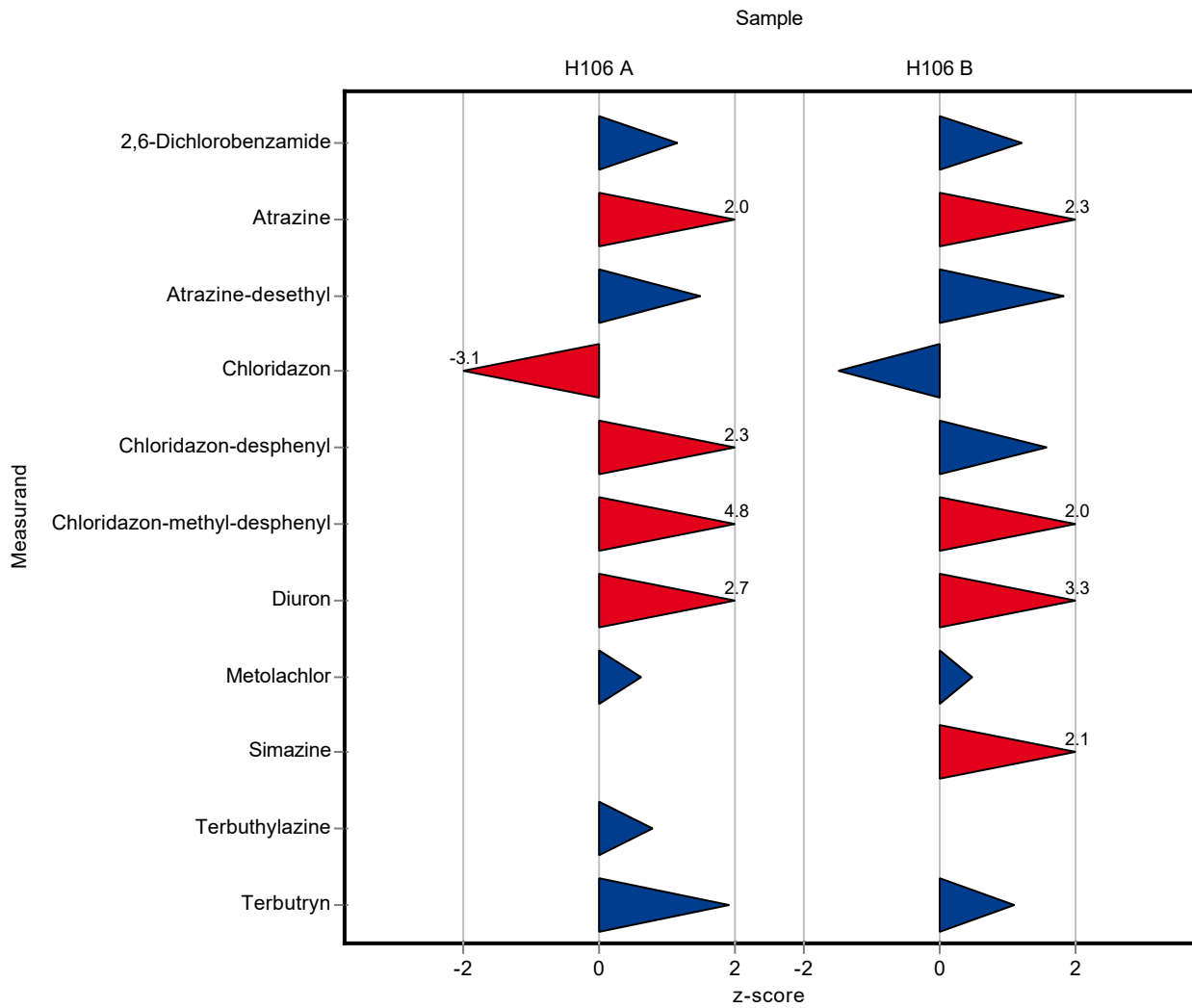
Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.527 ± 0.148	0.0674	117	1.16
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.406 ± 0.126	0.0365	122	2.03
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.369 ± 0.125	0.0376	118	1.49
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	- ± -	0.101	-	-
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	0.133 ± 0.061	0.029	59.5	-3.11
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.454 ± 0.091	0.0399	125	2.29
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.126 ± 0.047	0.0101	163	4.82
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	- ± -	0.0889	-	-
Diuron	µg/l	0.444 ± 0.0257	0.6 ± 0.138	0.0577	135	2.70
Metolachlor	µg/l	0.486 ± 0.0225	0.531 ± 0.149	0.0729	109	0.62
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	<10 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.184 ± 0.053	0.0186	109	0.78
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	- ± -	0.0769	-	-
Terbutryn	µg/l	0.245 ± 0.022	0.292 ± 0.076	0.0245	119	1.92

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.285 ± 0.08	0.0362	118	1.20
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.561 ± 0.174	0.0495	125	2.25
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.99 ± 0.337	0.0975	122	1.82
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	- ± -	0.0299	-	-
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-	-
Chloridazon	µg/l	0.434 ± 0.035	0.35 ± 0.161	0.0564	80.7	-1.49
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.203 ± 0.041	0.019	117	1.59
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.127 ± 0.047	0.013	127	2.04
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	- ± -	0.0435	-	-
Diuron	µg/l	0.441 ± 0.0205	0.629 ± 0.145	0.0574	142	3.27
Metolachlor	µg/l	0.808 ± 0.0599	0.866 ± 0.242	0.121	107	0.48
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-	-
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	-	-
Simazine	µg/l	0.115 ± 0.00822	0.141 ± 0.042	0.0126	123	2.07
Terbuthylazine	µg/l	- ± -	<10 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	- ± -	0.0258	-	-
Terbutryn	µg/l	0.799 ± 0.0611	0.887 ± 0.231	0.0799	111	1.10





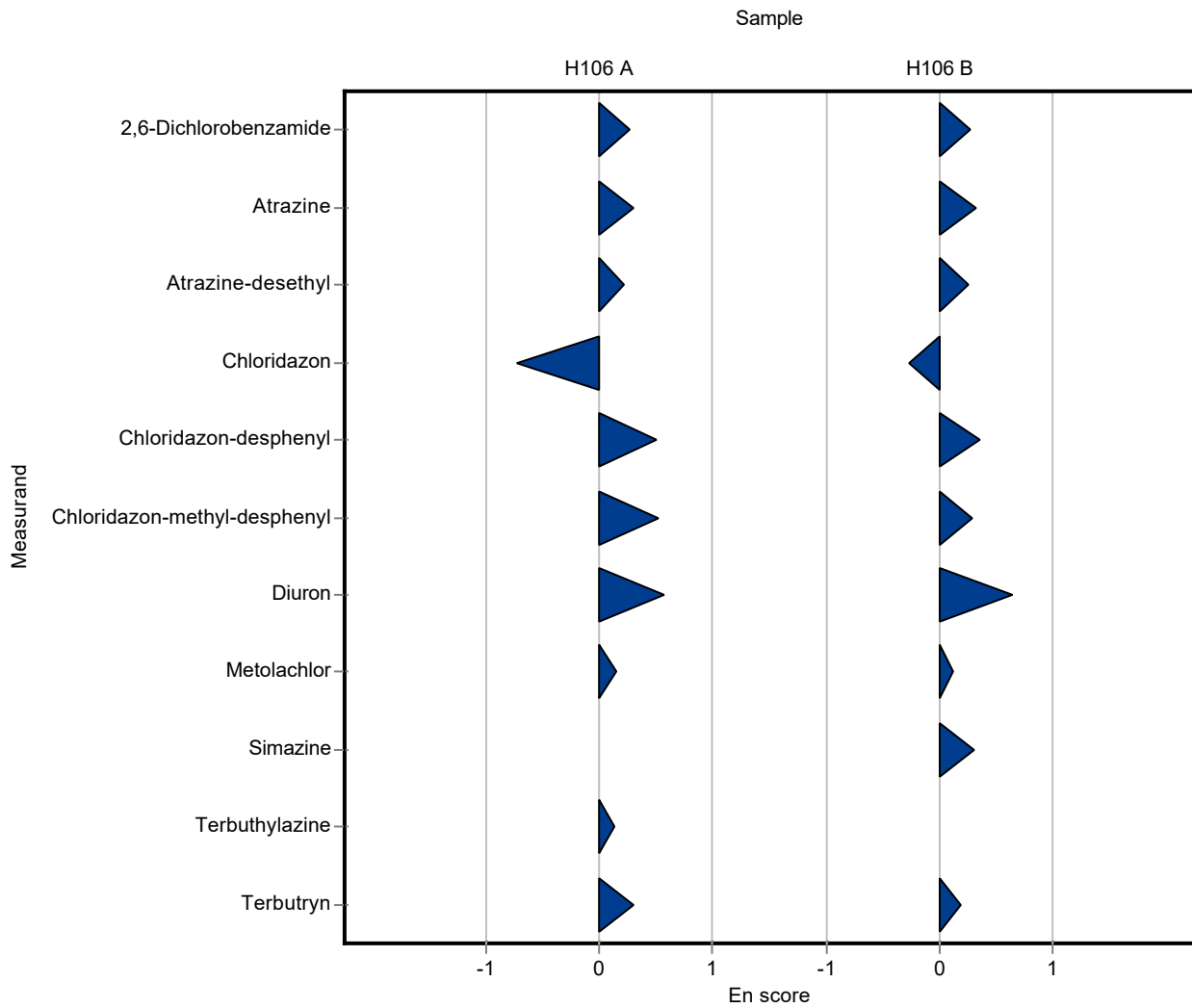
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.527 ± 0.148	0.0674	117	0.26
Alachlor	µg/l	0.472 ± 0.0523	- ± -	0.0566	-	-
Atrazine	µg/l	0.332 ± 0.01	0.406 ± 0.126	0.0365	122	0.29
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.369 ± 0.125	0.0376	118	0.22
Atrazine-desethyl-desisopropyl	µg/l	- ± -	- ± -	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	- ± -	0.101	-	-
Bromacil	µg/l	0.892 ± 0.0648	- ± -	0.125	-	-
Chloridazon	µg/l	0.223 ± 0.0148	0.133 ± 0.061	0.029	59.5	-0.74
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.454 ± 0.091	0.0399	125	0.50
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.126 ± 0.047	0.0101	163	0.52
Clopyralid	µg/l	0.272 ± 0.0273	- ± -	0.0926	-	-
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	- ± -	0.0889	-	-
Diuron	µg/l	0.444 ± 0.0257	0.6 ± 0.138	0.0577	135	0.56
Metolachlor	µg/l	0.486 ± 0.0225	0.531 ± 0.149	0.0729	109	0.15
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	- ± -	0.0301	-	-
Nicosulfurone	µg/l	0.443 ± 0.0928	- ± -	0.164	-	-
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	- ± -	0.0563	-	-
Sebuthylazine	µg/l	0.26 ± 0.0167	- ± -	0.0242	-	-
Simazine	µg/l	- ± -	<10 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.184 ± 0.053	0.0186	109	0.14
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	- ± -	0.0769	-	-
Terbutryn	µg/l	0.245 ± 0.022	0.292 ± 0.076	0.0245	119	0.31

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.285 ± 0.08	0.0362	118	0.27
Alachlor	µg/l	0.793 ± 0.0795	- ± -	0.0951	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	0.45 ± 0.0213	0.561 ± 0.174	0.0495	125	0.32
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.99 ± 0.337	0.0975	122	0.26
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	- ± -	0.105	-	-
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	- ± -	0.0299	-	-
Bromacil	µg/l	0.462 ± 0.0255	- ± -	0.0646	-	-
Chloridazon	µg/l	0.434 ± 0.035	0.35 ± 0.161	0.0564	80.7	-0.26
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.203 ± 0.041	0.019	117	0.36
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.127 ± 0.047	0.013	127	0.28
Clopyralid	µg/l	0.421 ± 0.0297	- ± -	0.143	-	-
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	- ± -	0.0435	-	-
Diuron	µg/l	0.441 ± 0.0205	0.629 ± 0.145	0.0574	142	0.65
Metolachlor	µg/l	0.808 ± 0.0599	0.866 ± 0.242	0.121	107	0.12
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	- ± -	0.0601	-	-
Nicosulfurone	µg/l	0.499 ± 0.0752	- ± -	0.185	-	-
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	- ± -	0.0308	-	-
Sebuthylazine	µg/l	0.431 ± 0.0318	- ± -	0.0401	-	-
Simazine	µg/l	0.115 ± 0.00822	0.141 ± 0.042	0.0126	123	0.31
Terbuthylazine	µg/l	- ± -	<10 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	- ± -	0.0258	-	-
Terbutryn	µg/l	0.799 ± 0.0611	0.887 ± 0.231	0.0799	111	0.19



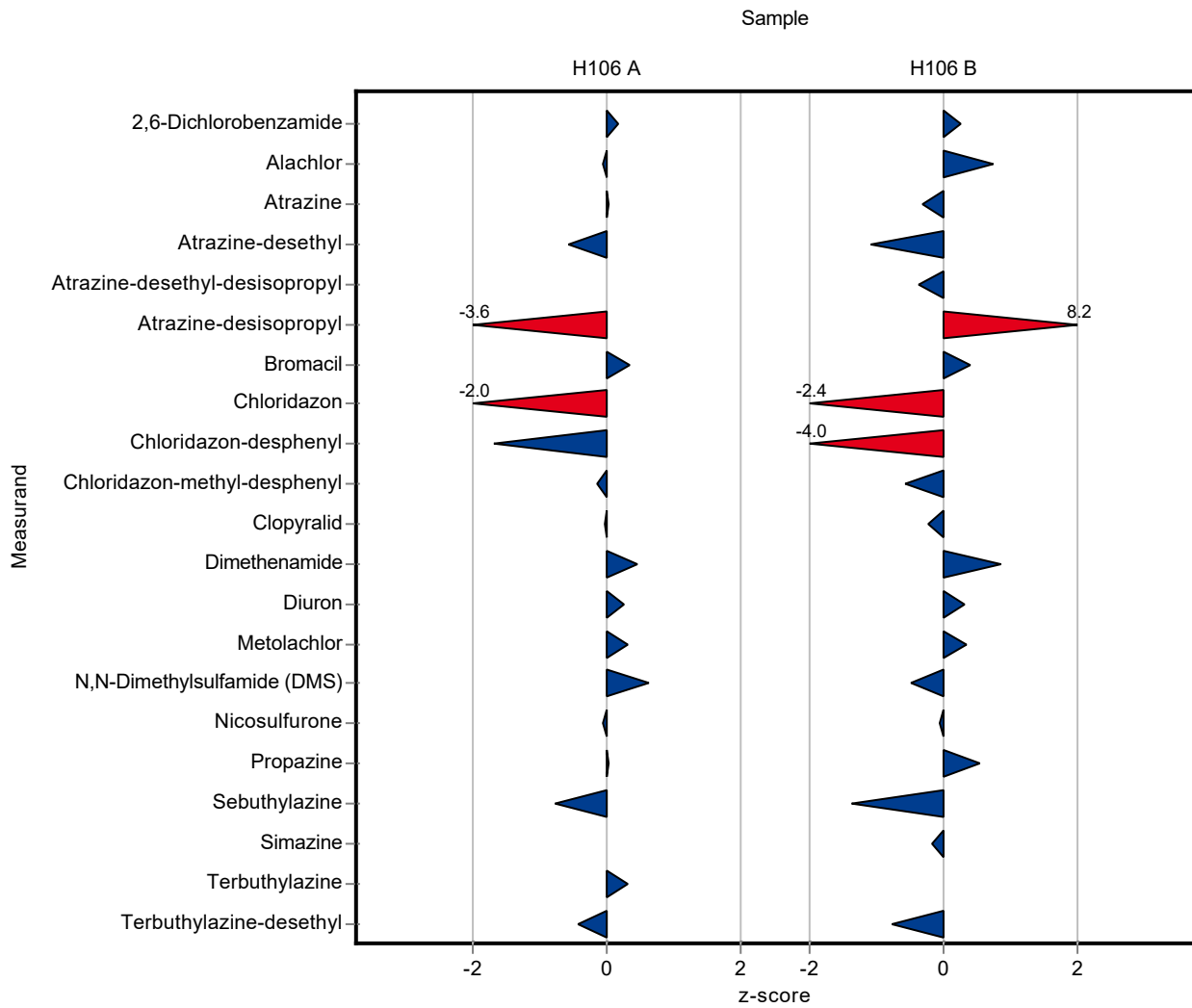
Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.46 ± 0.006	0.0674	102	0.16
Alachlor	µg/l	0.472 ± 0.0523	0.467 ± 0.005	0.0566	99	-0.08
Atrazine	µg/l	0.332 ± 0.01	0.333 ± 0.005	0.0365	100	0.03
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.291 ± 0.003	0.0376	92.9	-0.59
Atrazine-desethyl-desisopropyl	µg/l	- ± -	0.144 ± 0.006	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.353 ± 0.005	0.101	49.1	-3.63
Bromacil	µg/l	0.892 ± 0.0648	0.933 ± 0.017	0.125	105	0.33
Chloridazon	µg/l	0.223 ± 0.0148	0.164 ± 0.005	0.029	73.4	-2.05
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.295 ± 0.007	0.0399	81.3	-1.70
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.076 ± 0.001	0.0101	98.1	-0.14
Clopyralid	µg/l	0.272 ± 0.0273	0.269 ± 0.01	0.0926	98.8	-0.04
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	0.937 ± 0.018	0.0889	104	0.44
Diuron	µg/l	0.444 ± 0.0257	0.458 ± 0.006	0.0577	103	0.24
Metolachlor	µg/l	0.486 ± 0.0225	0.508 ± 0.005	0.0729	105	0.30
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.219 ± 0.005	0.0301	109	0.62
Nicosulfurone	µg/l	0.443 ± 0.0928	0.429 ± 0.01	0.164	96.9	-0.08
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	0.434 ± 0.01	0.0563	100	0.02
Sebuthylazine	µg/l	0.26 ± 0.0167	0.241 ± 0.004	0.0242	92.8	-0.78
Simazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.175 ± 0.004	0.0186	103	0.30
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.666 ± 0.012	0.0769	95.2	-0.43
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.251 ± 0.002	0.0362	104	0.27
Alachlor	µg/l	0.793 ± 0.0795	0.865 ± 0.046	0.0951	109	0.76

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.45 ± 0.0213	0.434 ± 0.007	0.0495	96.6	-0.31
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.709 ± 0.008	0.0975	87.3	-1.06
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	0.293 ± 0.009	0.105	88.7	-0.36
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.457 ± 0.008	0.0299	214	8.17
Bromacil	µg/l	0.462 ± 0.0255	0.488 ± 0.008	0.0646	106	0.41
Chloridazon	µg/l	0.434 ± 0.035	0.301 ± 0.004	0.0564	69.4	-2.36
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.096 ± 0.003	0.019	55.5	-4.04
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.093 ± 0.003	0.013	92.7	-0.56
Clopyralid	µg/l	0.421 ± 0.0297	0.389 ± 0.022	0.143	92.5	-0.22
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	0.477 ± 0.008	0.0435	109	0.86
Diuron	µg/l	0.441 ± 0.0205	0.46 ± 0.011	0.0574	104	0.32
Metolachlor	µg/l	0.808 ± 0.0599	0.851 ± 0.018	0.121	105	0.35
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.373 ± 0.007	0.0601	93.1	-0.46
Nicosulfurone	µg/l	0.499 ± 0.0752	0.49 ± 0.008	0.185	98.2	-0.05
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	0.254 ± 0.008	0.0308	107	0.56
Sebuthylazine	µg/l	0.431 ± 0.0318	0.376 ± 0.006	0.0401	87.3	-1.37
Simazine	µg/l	0.115 ± 0.00822	0.113 ± 0.002	0.0126	98.4	-0.15
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.215 ± 0.004	0.0258	91.7	-0.76
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-	-



Sample: H106A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.449 ± 0.0161	0.46 ± 0.006	0.0674	102	0.54
Alachlor	µg/l	0.472 ± 0.0523	0.467 ± 0.005	0.0566	99	-0.09
Atrazine	µg/l	0.332 ± 0.01	0.333 ± 0.005	0.0365	100	0.08
Atrazine-desethyl	µg/l	0.313 ± 0.0148	0.291 ± 0.003	0.0376	92.9	-1.39
Atrazine-desethyl-desisopropyl	µg/l	- ± -	0.144 ± 0.006	-	-	-
Atrazine-desisopropyl	µg/l	0.719 ± 0.0412	0.353 ± 0.005	0.101	49.1	-8.62
Bromacil	µg/l	0.892 ± 0.0648	0.933 ± 0.017	0.125	105	0.56
Chloridazon	µg/l	0.223 ± 0.0148	0.164 ± 0.005	0.029	73.4	-3.32
Chloridazon-desphenyl	µg/l	0.363 ± 0.0253	0.295 ± 0.007	0.0399	81.3	-2.34
Chloridazon-methyl-desphenyl	µg/l	0.0774 ± 0.00456	0.076 ± 0.001	0.0101	98.1	-0.29
Clopyralid	µg/l	0.272 ± 0.0273	0.269 ± 0.01	0.0926	98.8	-0.10
Cyanazine	µg/l	0.18 ± 0.0226	- ± -	0.0252	-	-
Dimethenamide	µg/l	0.898 ± 0.106	0.937 ± 0.018	0.0889	104	0.35
Diuron	µg/l	0.444 ± 0.0257	0.458 ± 0.006	0.0577	103	0.50
Metolachlor	µg/l	0.486 ± 0.0225	0.508 ± 0.005	0.0729	105	0.90
N,N-Dimethylsulfamide (DMS)	µg/l	0.2 ± 0.0144	0.219 ± 0.005	0.0301	109	1.06
Nicosulfurone	µg/l	0.443 ± 0.0928	0.429 ± 0.01	0.164	96.9	-0.14
Prometryn	µg/l	0.408 ± 0.0292	- ± -	0.053	-	-
Propazine	µg/l	0.433 ± 0.0312	0.434 ± 0.01	0.0563	100	0.03
Sebuthylazine	µg/l	0.26 ± 0.0167	0.241 ± 0.004	0.0242	92.8	-1.01
Simazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine	µg/l	0.169 ± 0.00599	0.175 ± 0.004	0.0186	103	0.55
Terbuthylazine-desethyl	µg/l	0.699 ± 0.0447	0.666 ± 0.012	0.0769	95.2	-0.66
Terbutryn	µg/l	0.245 ± 0.022	- ± -	0.0245	-	-

Sample: H106B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,6-Dichlorobenzamide	µg/l	0.241 ± 0.0101	0.251 ± 0.002	0.0362	104	0.89
Alachlor	µg/l	0.793 ± 0.0795	0.865 ± 0.046	0.0951	109	0.59



Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	0.45 ± 0.0213	0.434 ± 0.007	0.0495	96.6	-0.61
Atrazine-desethyl	µg/l	0.812 ± 0.0437	0.709 ± 0.008	0.0975	87.3	-2.22
Atrazine-desethyl-desisopropyl	µg/l	0.33 ± 0.0792	0.293 ± 0.009	0.105	88.7	-0.46
Atrazine-desisopropyl	µg/l	0.213 ± 0.0138	0.457 ± 0.008	0.0299	214	11.50
Bromacil	µg/l	0.462 ± 0.0255	0.488 ± 0.008	0.0646	106	0.88
Chloridazon	µg/l	0.434 ± 0.035	0.301 ± 0.004	0.0564	69.4	-3.70
Chloridazon-desphenyl	µg/l	0.173 ± 0.0115	0.096 ± 0.003	0.019	55.5	-5.93
Chloridazon-methyl-desphenyl	µg/l	0.1 ± 0.00951	0.093 ± 0.003	0.013	92.7	-0.65
Clopyralid	µg/l	0.421 ± 0.0297	0.389 ± 0.022	0.143	92.5	-0.60
Cyanazine	µg/l	0.394 ± 0.0382	- ± -	0.0552	-	-
Dimethenamide	µg/l	0.44 ± 0.037	0.477 ± 0.008	0.0435	109	0.93
Diuron	µg/l	0.441 ± 0.0205	0.46 ± 0.011	0.0574	104	0.62
Metolachlor	µg/l	0.808 ± 0.0599	0.851 ± 0.018	0.121	105	0.62
N,N-Dimethylsulfamide (DMS)	µg/l	0.401 ± 0.0329	0.373 ± 0.007	0.0601	93.1	-0.78
Nicosulfurone	µg/l	0.499 ± 0.0752	0.49 ± 0.008	0.185	98.2	-0.12
Prometryn	µg/l	0.796 ± 0.0789	- ± -	0.104	-	-
Propazine	µg/l	0.237 ± 0.0166	0.254 ± 0.008	0.0308	107	0.75
Sebuthylazine	µg/l	0.431 ± 0.0318	0.376 ± 0.006	0.0401	87.3	-1.61
Simazine	µg/l	0.115 ± 0.00822	0.113 ± 0.002	0.0126	98.4	-0.20
Terbuthylazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Terbuthylazine-desethyl	µg/l	0.235 ± 0.017	0.215 ± 0.004	0.0258	91.7	-1.04
Terbutryn	µg/l	0.799 ± 0.0611	- ± -	0.0799	-	-

