

**Proficiency Testing Scheme für die
Wasseranalytik - Realproben
H105 Pestizide**

**Proficiency Testing Scheme for Water
Analysis - natural water samples
H105 Pesticides**

BERICHT / REPORT

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D1. Beschreibung des Ringversuchs

D1.1. Ausgestaltung und Durchführung

- Anzahl der Anmeldungen: 27
- Anzahl der übermittelten Datensätze: 26
- Probenversand: 15.10.2019
- Einsendeschluss der Daten: 19.11.2019

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

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

D1.2. Beschreibung der Prüfgegenstände

Die Probenahme von Leitungswasser erfolgte am 14.10.2019 und die Probenahme von Grundwasser erfolgte am 11.10.2019. Das Probenmaterial umfasste:

- 1 Probe synthetisches Wasser (H105 A)
- 1 Probe Grundwasser (H105 B)

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

Das Abfüllen der Proben erfolgte unter ständigem Rühren (Rührkessel). Die homogenen Prüfgegenstände wurden am 15.10.2019 verschickt.

Jedes Teilnehmerlabor erhielt, je nach Bestellung:

- 2 Proben zu je 600 ml, abgefüllt in 2 x 300 ml Aluminium Flaschen oder
- 2 Proben zu je 2000 ml, abgefüllt in 2 x 1000 ml Aluminium Flaschen oder
- 2 Proben zu je 4000 ml, abgefüllt in 4 x 1000 ml Aluminium Flaschen

D1.3. Anweisungen für die Teilnehmer

Aus Stabilitätsgründen wurde empfohlen bis spätestens 23.10.2019 mit den Analysen zu beginnen.

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

D1.4. Kontrollanalytik zur Bewertung der Homogenität

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

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

Die Bestimmung der Parameter Aldrin, Chlordan, Dieldrin, Endrin, Heptachlor, Lindan (Gamma-HCH), Summe DDD, Summe DDE, Summe DDT und Summe Endosulfan wurden an ein externes Labor (akkreditiert nach EN ISO/IEC 17025 für die o.a. Parameter) im Unterauftrag vergeben (verdeckte Vergabe, Proben anonymisiert) und erfolgte zeitnah zum Probenversand. Alle anderen Parameter wurden in der Prüfstelle am Umweltbundesamt (Prüfstelle für Umwelt-, GVO- & Treibstoffanalytik) zeitnah zum Probenversand analysiert.

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

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

D1.5. Trendtest zur Bewertung der Stabilität

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

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

Abfüllreihenfolge wurde auf das Vorliegen möglicher systematischer Trends der Ergebnisse geprüft (unauffällig).

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

D1.6. Ermittlung des zugewiesenen Wertes

Die Ergebnisse der Analysen mussten spätestens bis zum 19.11.2019 beim Veranstalter vorliegen. Später eingehende Werte wurden nicht berücksichtigt.

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

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

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

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

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

bei Anwendung jeweils parameter- und probenbezogen unter Punkt D4 des Berichts dokumentiert.

D2. Kriterien der Leistungsbewertung

D2.1. Leistungskriterium z-Score

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

Die Ermittlung der z-Scores erfolgte gemäß nachfolgender Formel:

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

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.

Kriterium Vergleichsstandardabweichung berechnet aus den Statistiken für reale Wasserproben der vorangegangenen Runden im Zeitraum 2013 bis 2018 (RSDpooled) bzw. aus den ausreißerbereinigten Teilnehmerergebnissen (sR) des aktuellen Ringversuchs (falls noch weniger als 6 vorangegangene Runden für A und B-Proben vorlagen). In begründeten Fällen (z.B. Ergebnisse Realproben nahe an Mindestbestimmungsgrenze oder regulatorischer Vorgaben) erfolgt die Festlegung nach Expertenbefund und die Vorgangsweise wird unter Punkt D4 des Berichts beschrieben.

D2.2. Leistungskriterium E_n-Score

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

Die Ermittlung der E_n-Scores erfolgte gemäß nachfolgender Formel:

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

Dabei ist:

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

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

Interpretation der z-Scores:

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

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

Interpretation der E_n-Scores:

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

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

D3. Darstellung und Interpretation der Messergebnisse

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

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

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

D4. Anmerkungen zur Auswertung

Wie unter Punkt D2 ersichtlich, können die z-Scores auch unter Einbeziehung der Vergleichsstandardabweichung der ausreißerbereinigten Teilnehmerergebnisse des aktuellen Ringversuchs berechnet werden. Das kann zur Folge haben, dass es bei Parametern mit hoher Ergebnisstreuung dazu kommen kann, dass der Bereich z-Score - 2 bis z-Score + 2 einen ungewöhnlich hohen Wiederfindungsbereich abdeckt. Umgekehrt führt eine sehr geringe Streuung der Teilnehmerergebnisse dazu, dass z-Score - 2 bis z-Score + 2 einen ungewöhnlich kleinen Wiederfindungsbereich abdeckt.

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

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

Parameter Dinotefuran, Endrin, Nitenpyram und Summe Chlordan Probe H105 A und Parameter Aldrin, Dinotefuran, Nitenpyram, Propazin und Summe Chlordan Probe H105 B: Aufgrund des geringen Analytgehaltes und/oder einer geringen Anzahl an

übermittelten gültigen Teilnehmerergebnissen konnten keine Sollwerte berechnet werden.

Parameter Atrazin-desisopropyl und Summe DDT Probe H105 A: 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 Summe DDE Probe H105 A und Parameter Heptachlor, Summe DDD, Summe DDE und Summe DDT Probe H105 B: Die auf Basis der Teilnehmerergebnisse berechneten Vergleichsstandardabweichungen lagen jeweils über 50%. Der zugewiesene Wert wurde daher über die ausreißerbereinigten Mittelwerte aus der Gruppe der akkreditierten Teilnehmer berechnet. Das Kriterium wurde ebenfalls über die Gruppe der akkreditierten Teilnehmer berechnet.

Parameter Acetamiprid, Dieldrin und Heptachlor Probe H105 A und Probe H105 B: Als Kriterium für die Berechnung des z-Scores wurden die aktuellen Vergleichsstandardabweichungen gewählt, da keine Langzeitauswertungen über 6 Eignungsprüfungsrunden für diese Parameter vorliegen.

Für alle anderen Parameter wurde als Kriterium für die Berechnung des z-Scores das berechnete Kriterium der Langzeitauswertung gewählt.

D5. Erläuterung zu Tabellen und Grafiken

D5.1. Angaben und Abkürzungen in Tabellen

Parameter	Allgemeine Bezeichnung des Analysenparameters
Probe	Bezeichnung der übermittelten Probe
Einheit	Vorgegebene Einheit für Messwert und Ergebnisunsicherheit (z.B. µg/l)
Zugewiesener Wert	Sollwert für die Leistungsbewertung der Teilnehmer (angegeben auf 3 signifikante Stellen)
U (k=2)	erweiterte Unsicherheit (k=2) des zugewiesenen Wertes, (angegeben auf 3 signifikante Stellen)
Kriterium	Vorgabewert zur Ermittlung des z-Scores in der angegebenen Einheit (angegeben auf 3 signifikante Stellen)
Kriterium [%]	Vorgabewert zur Ermittlung des z-Scores in % des zugewiesenen Wertes (angegeben auf 2 signifikante Stellen)

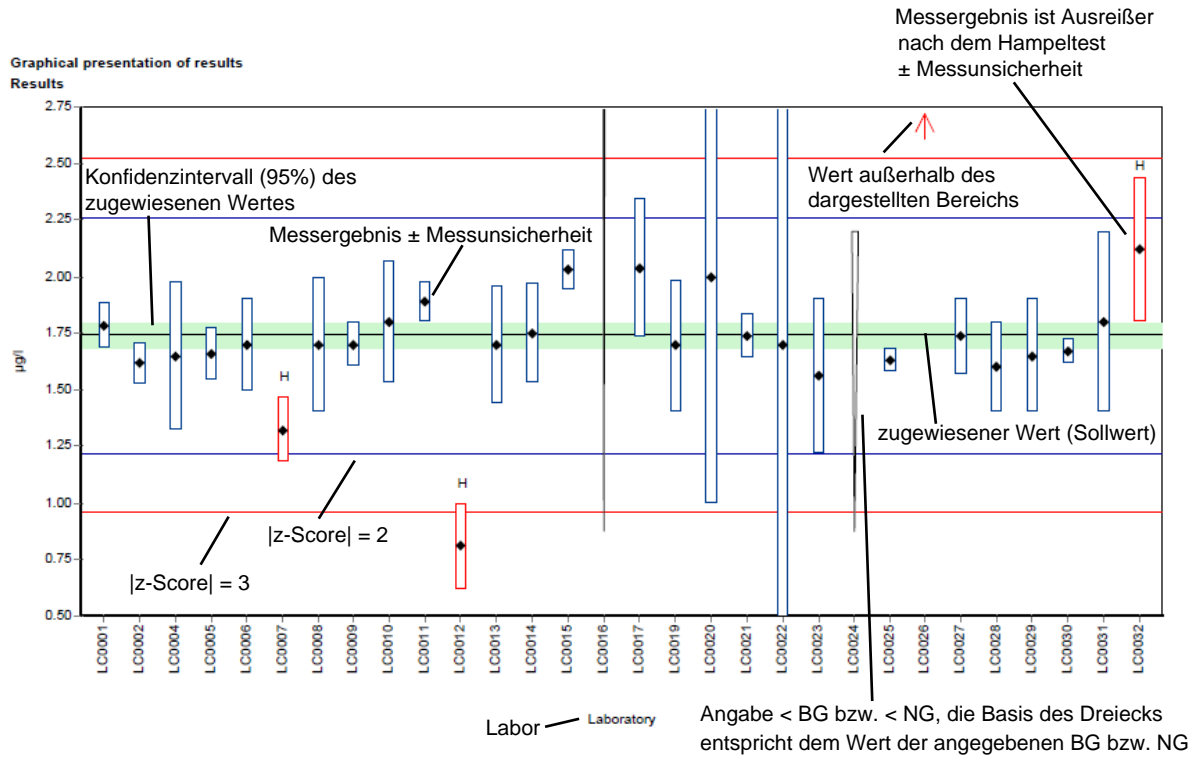
Mittelwert	Ausreißerbereinigter Mittelwert über die Teilnehmerergebnisse (angegeben auf 3 signifikante Stellen)
VB (99%)	99% Vertrauensbereich (angegeben auf 3 signifikante Stellen)
Minimum	Minimales abgegebenes Messergebnis, ausreißerbereinigt (angegeben auf 3 signifikante Stellen)
Maximum	Maximales abgegebenes Messergebnis, ausreißerbereinigt (angegeben auf 3 signifikante Stellen)
sR	Vergleichsstandardabweichung berechnet aus den ausreißerbereinigten Teilnehmerergebnissen des aktuellen Ringversuchs (angegeben auf 3 signifikante Stellen)
vR	relative Vergleichsstandardabweichung in %, berechnet aus den ausreißerbereinigten Teilnehmerergebnissen des aktuellen Ringversuchs bezogen auf den Mittelwert (angegeben auf 2 signifikante Stellen)
Kontrollwert $\pm U$ (k=2)	Mittelwert der Kontrollmessungen des Veranstalters \pm 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.
$\pm U$	Ergebnisunsicherheit lt. Teilnehmerangabe (maximal 5 Nachkommastellen dargestellt)
BG	Bestimmungsgrenze
NG	Nachweisgrenze
WF	Wiederfindungsrate in %, bezogen auf den zugewiesenen Wert (angegeben auf 3 signifikante Stellen, dargestellt maximal 1 Nachkommastelle)
MW	Mittelwert
z-Score	Abweichung des Messergebnisses zum zugewiesenen Wert, ausgedrückt als Vielfaches des Kriteriums

	(angegeben auf 3 signifikante Stellen, dargestellt maximal 2 Nachkommastellen)
E _n -Score	Abweichung des Messergebnisses zum zugewiesenen Wert, ausgedrückt als Vielfaches der kombinierten Messunsicherheiten, bestehend aus erweiterter Unsicherheit des zugewiesenen Wertes und der erweiterten Unsicherheit der Messergebnisse der Teilnehmer (angegeben auf 3 signifikante Stellen, dargestellt maximal 2 Nachkommastellen). Beim E _n -Score erfolgt die Berücksichtigung der Messunsicherheit der Teilnehmer.
-	Keine Daten übermittelt bzw. keine Berechnung möglich
Anmerkungen	Anmerkungen zum jeweiligen Messergebnis (z.B. H, FN, FP)
H	Ausreißer nach dem Hampel-Test
FN	Falsch negativ – Messergebnis kleiner Bestimmungsbzw. Nachweisgrenze dessen Betrag die Bedingungen eines Ausreißers nach dem Hampeltest erfüllt.
FP	Falsch positiv – Falls aufgrund des geringen Analytgehalts kein zugewiesener Wert ermittelt werden kann (n < 6), wird der Median der Beträge der übermittelten Nachweisbzw. Bestimmungsgrenzen ermittelt. Als falsch positiv wird ein Messergebnis bewertet, welches diesen Median um mehr als 100 % übersteigt.
Standardabweichung	Vergleichsstandardabweichung berechnet aus den Teilnehmerergebnissen des aktuellen Ringversuchs (angegeben auf 3 signifikante Stellen)
rel. Standardabweichung	relative Vergleichsstandardabweichung in %, berechnet aus den Teilnehmerergebnissen des aktuellen Ringversuchs bezogen auf den Mittelwert (angegeben auf 3 signifikante Stellen)
n	Anzahl der Messergebnisse

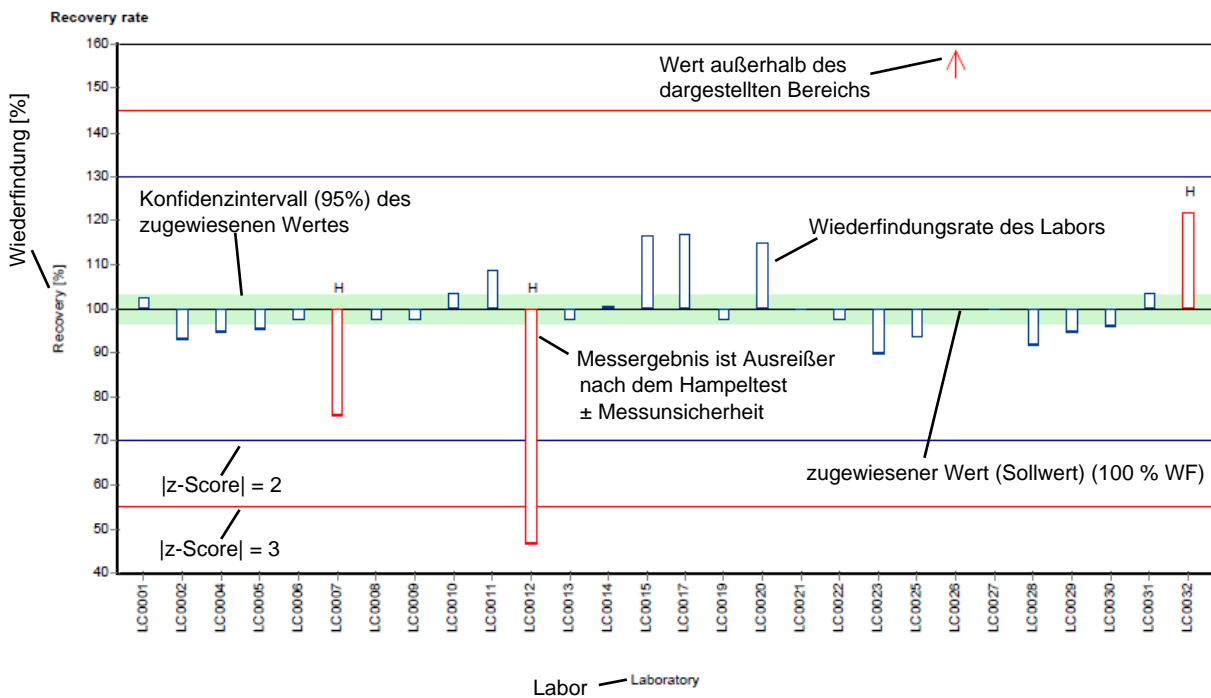
D5.2. Graphische Darstellung der Ergebnisse

Nachfolgend wird die graphische Darstellung anhand von kommentierten Beispieldiagrammen erläutert.

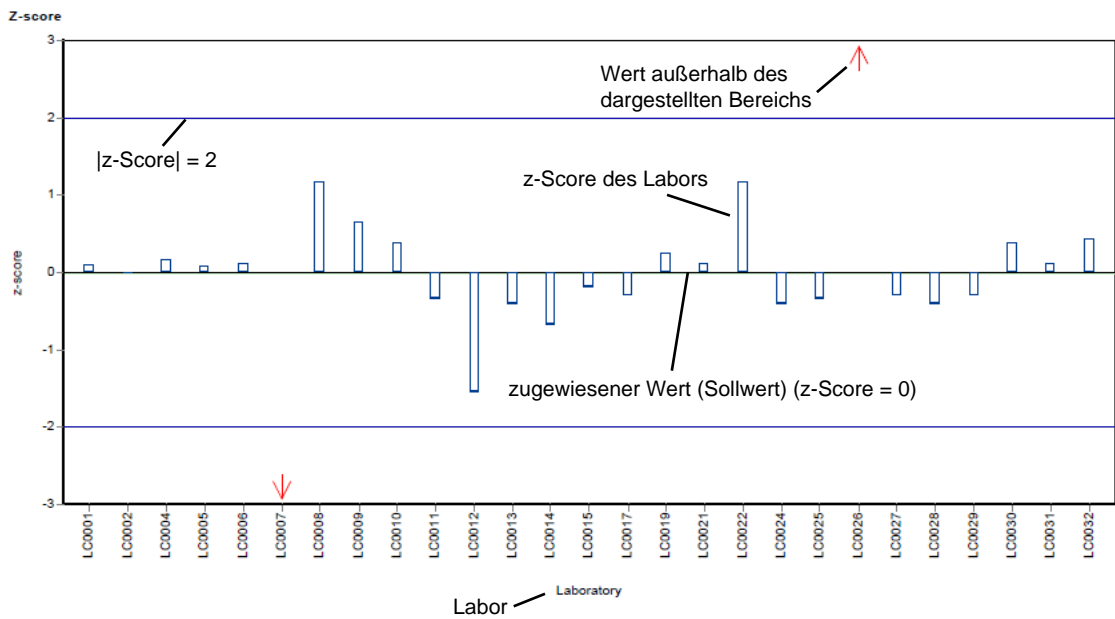
Beispieldiagramm: Messwerte



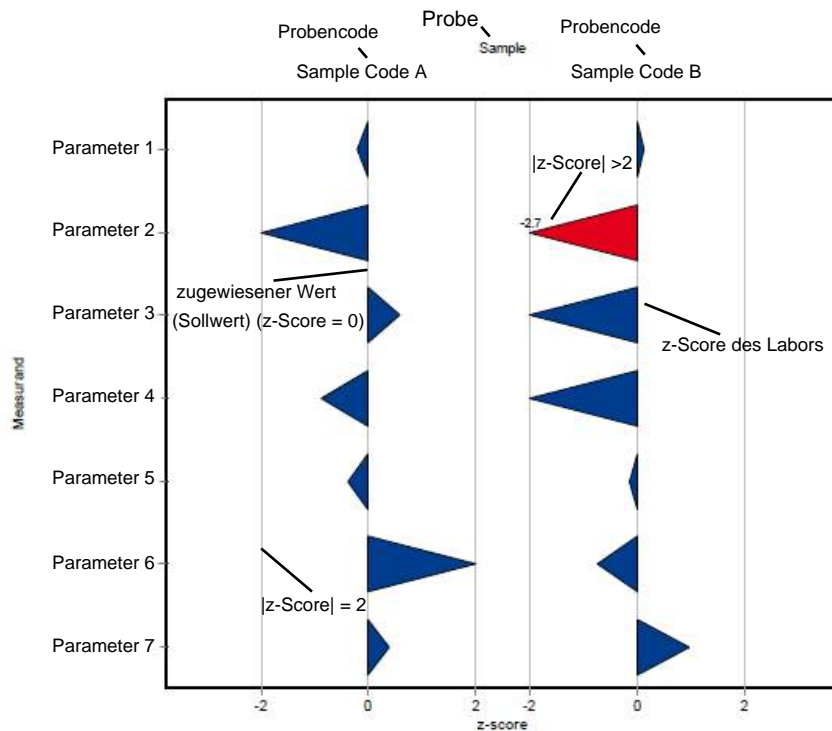
Beispieldiagramm: Wiederfindung zum zugewiesenen Wert



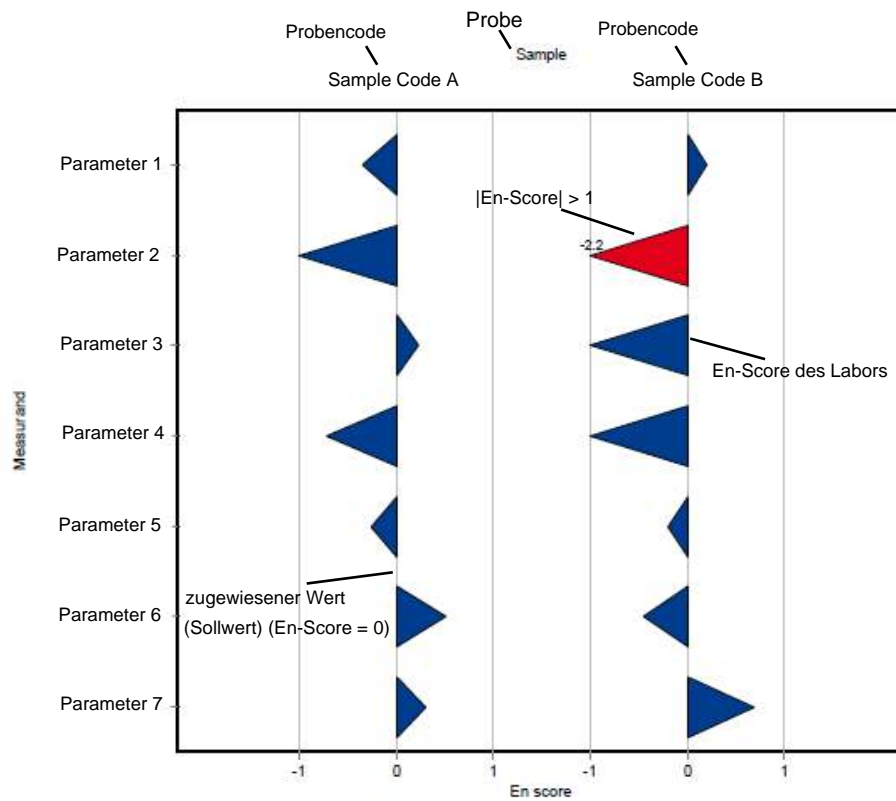
Beispieldiagramm: z-Score



Beispieldiagramm: z-Score (labororientierte Auswertung)



Beispieldiagramm: En-Score (labororientierte Auswertung)



D6. Zusammenfassung

D6.1. Tabelle der zugewiesenen Werte

Parameter	Probe	Einheit	zugewiesener Wert	±	U (k=2)	Kriterium	Kriterium [%]
Acetamidiprid	H105 A	µg/l	0.191	±	0.0102	0.017	8.9
	H105 B	µg/l	0.536	±	0.0186	0.0279	5.2
Aldrin	H105 A	µg/l	0.0651	±	0.0176	0.028	43
	H105 B	µg/l	-	±	-	-	-
Atrazin	H105 A	µg/l	0.0736	±	0.00446	0.00736	10
	H105 B	µg/l	0.247	±	0.0125	0.0247	10
Atrazin-Desethyl	H105 A	µg/l	0.105	±	0.00538	0.0126	12
	H105 B	µg/l	0.6	±	0.0378	0.072	12
Atrazin-Desisopropyl	H105 A	µg/l	0.109	±	0.00703	0.0142	13
	H105 B	µg/l	0.237	±	0.0116	0.0308	13
Bromacil	H105 A	µg/l	0.123	±	0.00785	0.016	13
	H105 B	µg/l	0.239	±	0.0173	0.0311	13
Clothianidin	H105 A	µg/l	0.179	±	0.012	0.025	14
	H105 B	µg/l	0.332	±	0.0177	0.0465	14
Cyanazin	H105 A	µg/l	0.229	±	0.0176	0.0297	13
	H105 B	µg/l	0.429	±	0.0374	0.0557	13
Dieldrin	H105 A	µg/l	0.272	±	0.0277	0.05	18
	H105 B	µg/l	0.626	±	0.105	0.19	30
Dinotefuran	H105 A	µg/l	-	±	-	-	-
	H105 B	µg/l	-	±	-	-	-
Endrin	H105 A	µg/l	-	±	-	-	-
	H105 B	µg/l	0.334	±	0.0264	0.0602	18
Heptachlor	H105 A	µg/l	0.101	±	0.0212	0.0367	36
	H105 B	µg/l	0.207	±	0.0501	0.0751	36
Imidacloprid	H105 A	µg/l	0.13	±	0.00945	0.0208	16
	H105 B	µg/l	0.283	±	0.0351	0.0452	16
Lindan (Gamma-HCH)	H105 A	µg/l	0.284	±	0.0232	0.0596	21
	H105 B	µg/l	0.572	±	0.0481	0.12	21
Nitenpyram	H105 A	µg/l	-	±	-	-	-
	H105 B	µg/l	-	±	-	-	-
Prometryn	H105 A	µg/l	0.188	±	0.0119	0.0225	12
	H105 B	µg/l	0.432	±	0.046	0.0519	12
Propazin	H105 A	µg/l	0.0549	±	0.00397	0.00659	12
	H105 B	µg/l	-	±	-	-	-
Summe Chlordan	H105 A	µg/l	-	±	-	-	-
	H105 B	µg/l	-	±	-	-	-
Summe DDD	H105 A	µg/l	0.292	±	0.0848	0.0934	32
	H105 B	µg/l	0.526	±	0.171	0.241	46
Summe DDE	H105 A	µg/l	0.245	±	0.071	0.0939	38
	H105 B	µg/l	0.412	±	0.131	0.174	42
Summe DDT	H105 A	µg/l	0.12	±	0.0312	0.0418	35
	H105 B	µg/l	0.367	±	0.109	0.144	39
Summe Endosulfan	H105 A	µg/l	0.276	±	0.0654	0.111	40
	H105 B	µg/l	0.543	±	0.144	0.217	40
Thiacloprid	H105 A	µg/l	0.131	±	0.00767	0.0184	14
	H105 B	µg/l	0.277	±	0.0183	0.0388	14
Thiamethoxam	H105 A	µg/l	0.131	±	0.015	0.0197	15

Parameter	Probe	Einheit	zugewiesener Wert	±	U (k=2)	Kriterium	Kriterium [%]
Thiamethoxam	H105 B	µg/l	0.263	±	0.0323	0.0394	15

D6.2. Zusammenfassung der ausreißerbereinigten Ringversuchsergebnisse

Parameter	Probe	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Einheit	Mittelwert	± VB (99%)	Minimum	Maximum	sR	vR [%]
Acetamidiprid	H105 A	11	1	µg/l	0.191	± 0.0154	0.163	0.218	0.017	8.9
	H105 B	9	3	µg/l	0.536	± 0.0279	0.5	0.579	0.0279	5.2
Aldrin	H105 A	13	1	µg/l	0.0651	± 0.0264	0.023	0.13	0.0318	49
	H105 B	4	0	µg/l	-	± -	0.001	0.086	-	-
Atrazin	H105 A	20	1	µg/l	0.0736	± 0.0067	0.06	0.096	0.00998	14
	H105 B	21	1	µg/l	0.247	± 0.0188	0.18	0.304	0.0287	12
Atrazin-Desethyl	H105 A	18	2	µg/l	0.105	± 0.00807	0.083	0.129	0.0114	11
	H105 B	19	0	µg/l	0.6	± 0.0566	0.43	0.781	0.0823	14
Atrazin-Desisopropyl	H105 A	15	2	µg/l	0.114	± 0.00936	0.087	0.136	0.0121	11
	H105 B	16	1	µg/l	0.237	± 0.0173	0.211	0.284	0.0231	9.7
Bromacil	H105 A	12	1	µg/l	0.123	± 0.0118	0.096	0.145	0.0136	11
	H105 B	13	1	µg/l	0.239	± 0.0259	0.165	0.295	0.0312	13
Clothianidin	H105 A	15	0	µg/l	0.179	± 0.0179	0.146	0.221	0.0232	13
	H105 B	13	2	µg/l	0.332	± 0.0266	0.26	0.37	0.032	9.6
Cyanazin	H105 A	11	0	µg/l	0.229	± 0.0265	0.197	0.293	0.0293	13
	H105 B	11	0	µg/l	0.429	± 0.0562	0.355	0.576	0.0621	14
Dieldrin	H105 A	13	1	µg/l	0.272	± 0.0416	0.178	0.36	0.05	18
	H105 B	13	1	µg/l	0.626	± 0.158	0.27	0.972	0.189	30
Dinotefuran	H105 A	3	0	µg/l	-	± -	0.092	0.169	-	-
	H105 B	3	0	µg/l	-	± -	0.147	0.329	-	-
Endrin	H105 A	2	0	µg/l	-	± -	0.001	0.145	-	-
	H105 B	9	2	µg/l	0.334	± 0.0396	0.277	0.385	0.0396	12
Heptachlor	H105 A	12	0	µg/l	0.101	± 0.0318	0.048	0.163	0.0367	36
	H105 B	13	0	µg/l	0.196	± 0.085	0.001	0.366	0.102	52
Imidacloprid	H105 A	12	2	µg/l	0.13	± 0.0142	0.095	0.147	0.0164	13
	H105 B	14	0	µg/l	0.283	± 0.0526	0.163	0.421	0.0656	23

Parameter	Probe	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Einheit	Mittelwert	± VB (99%)	Minimum	Maximum	sR	vR [%]
Lindan (Gamma-HCH)	H105 A	11	2	µg/l	0.284	± 0.0348	0.21	0.33	0.0385	14
	H105 B	11	2	µg/l	0.572	± 0.0722	0.44	0.74	0.0798	14
Nitenpyram	H105 A	4	0	µg/l	-	± -	0.138	0.158	-	-
	H105 B	4	0	µg/l	-	± -	0.264	0.362	-	-
Prometryn	H105 A	10	1	µg/l	0.188	± 0.0178	0.151	0.222	0.0188	10
	H105 B	10	1	µg/l	0.432	± 0.0689	0.283	0.501	0.0727	17
Propazin	H105 A	10	2	µg/l	0.0549	± 0.00595	0.047	0.0642	0.00627	11
	H105 B	2	0	µg/l	-	± -	0.00307	0.464	-	-
Summe Chlordan	H105 A	3	0	µg/l	-	± -	0.0016	0.193	-	-
	H105 B	3	0	µg/l	-	± -	0.0033	0.384	-	-
Summe DDD	H105 A	9	0	µg/l	0.292	± 0.127	0.1	0.471	0.127	44
	H105 B	11	0	µg/l	0.468	± 0.24	0.07	0.949	0.266	57
Summe DDE	H105 A	10	0	µg/l	0.251	± 0.129	0.05	0.52	0.136	54
	H105 B	11	0	µg/l	0.382	± 0.218	0.01	0.79	0.241	63
Summe DDT	H105 A	10	1	µg/l	0.137	± 0.0548	0.06	0.24	0.0578	42
	H105 B	11	0	µg/l	0.355	± 0.162	0.028	0.64	0.179	51
Summe Endosulfan	H105 A	12	0	µg/l	0.276	± 0.0982	0.09	0.492	0.113	41
	H105 B	13	0	µg/l	0.543	± 0.217	0.053	0.999	0.26	48
Thiacloprid	H105 A	15	0	µg/l	0.131	± 0.0115	0.11	0.154	0.0149	11
	H105 B	13	2	µg/l	0.277	± 0.0275	0.21	0.333	0.0331	12
Thiamethoxam	H105 A	13	1	µg/l	0.131	± 0.0224	0.082	0.185	0.027	21
	H105 B	13	1	µg/l	0.263	± 0.0484	0.149	0.352	0.0582	22

E1. Description of the proficiency test

E1.1. Design and implementation

- Number of registrations: 27
- Number of submitted data records: 26
- Dispatch of samples: 15th October 2019
- Closing date for submission of data: 19th November 2019

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

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

E1.2. Description of the proficiency test items

The sampling of the tap water was carried out on 14th October 2019 and the sampling of the ground water was carried out on 11th October 2019.

The following samples were made available:

- 1 sample synthetic water (H105 A)
- 1 sample ground water (H105 B)

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

The samples were partly spiked with specific substances and filled into bottles under continuous stirring to obtain homogeneous samples. The homogeneous proficiency test items were dispatched on 15th October 2019.

All participating laboratories received (depending on the order):

- 2 samples (each 600 ml), filled in 2 x 300 ml aluminium bottles or
- 2 samples (each 2000 ml), filled in 2 x 1000 ml aluminium bottles or
- 2 samples (each 4000 ml), filled in 4 x 1000 ml aluminium bottles.

E1.3. Instructions for the participants

For reasons of stability, it was recommended to start the analysis by the 23th October 2019 at the latest.

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

E1.4. Control testing for homogeneity evaluation

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

The determination of the parameters Aldrin, Chlordan, Dieldrin, Endrin, Heptachlor, Lindane (Gamma-HCH), Sum DDD, Sum DDE, Sum DDT and Sum Endosulfan was subcontracted to an external laboratory (accredited to EN ISO / IEC 17025 for the above mentioned parameters) (concealed allocation, anonymised samples) and was carried out promptly for sample shipment. All other parameters were tested in the testing laboratory at the Environment Agency Austria (Prüfstelle für Umwelt-, GVO- & Treibstoffanalytik) close to the time of sample dispatch.

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

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

E1.5. Trend test for stability evaluation

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

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

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

According to data obtained from previous rounds for real water samples from 2013 to 2018 and based on the trend test evaluation of the current round, the stability of the test items for proficiency testing of real water samples can be confirmed for the recommended analysis period until deadline for submission of data.

E1.6. Determination of the assigned values

The analytical results had to be made available to the organiser not later than 19th November 2019. Any values received at a later date were not considered.

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

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

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

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

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

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

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

E2. Criteria of performance evaluation

E2.1. Performance criterion z-Score

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

z-Scores were calculated based on the following formula:

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

In this context,

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

E2.2. Performance criterion E_n-Score

New for the 2019 proficiency testing of real water samples is the additional assessment of the participants' results using E_n-Scores. This additional assessment takes into account the expanded measurement uncertainties of the participants

results and the expanded uncertainty of the assigned value and is provided in the laboratory oriented part of the report (see E8 after the z-scores evaluation).

E_n-Scores were calculated based on the following formula:

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

In this context,

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

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

Interpretation of z-Scores:

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

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

Interpretation of E_n-Scores:

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

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

E3. Representation and interpretation of measurement results

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

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

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

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

E4. Explanatory notes

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

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

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

Parameters Dinotefuran, Endrin, Nitenpyram and Sum Chlordane sample H105 A and parameters Aldrin, Dinotefuran, Nitenpyram, Propazine and Sum Chlordane sample H105 B: Assigned values were not calculated because of the low analyte content and/or the small number of submitted valid results.

Parameters Atrazine-desisopropyl and Sum DDT sample H105 A: 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 Sum DDE sample H105 A and parameters Heptachlor, Sum DDD, Sum DDE and Sum DDT sample H105 B: The reproducibility standard deviations calculated on the basis of the participant results were in each case over 50%. Therefore, new assigned values were defined by the group of accredited participating laboratories after outlier-assessment. The criterion was also calculated using the group of accredited participating laboratories.

Parameters Acetamiprid, Dieldrin and Heptachlor sample H105 A and sample H105 B: The current reproducibility standard deviations were selected as the criterion for the calculation of the z-Score, since there were no long-term evaluations over 6 proficiency testing rounds for these parameters.

For all other parameters, the calculated criterion of long-term evaluation was selected as the criterion for calculating the z-score.

E5. Annotations on tables and charts

E5.1. Information and abbreviations in tables

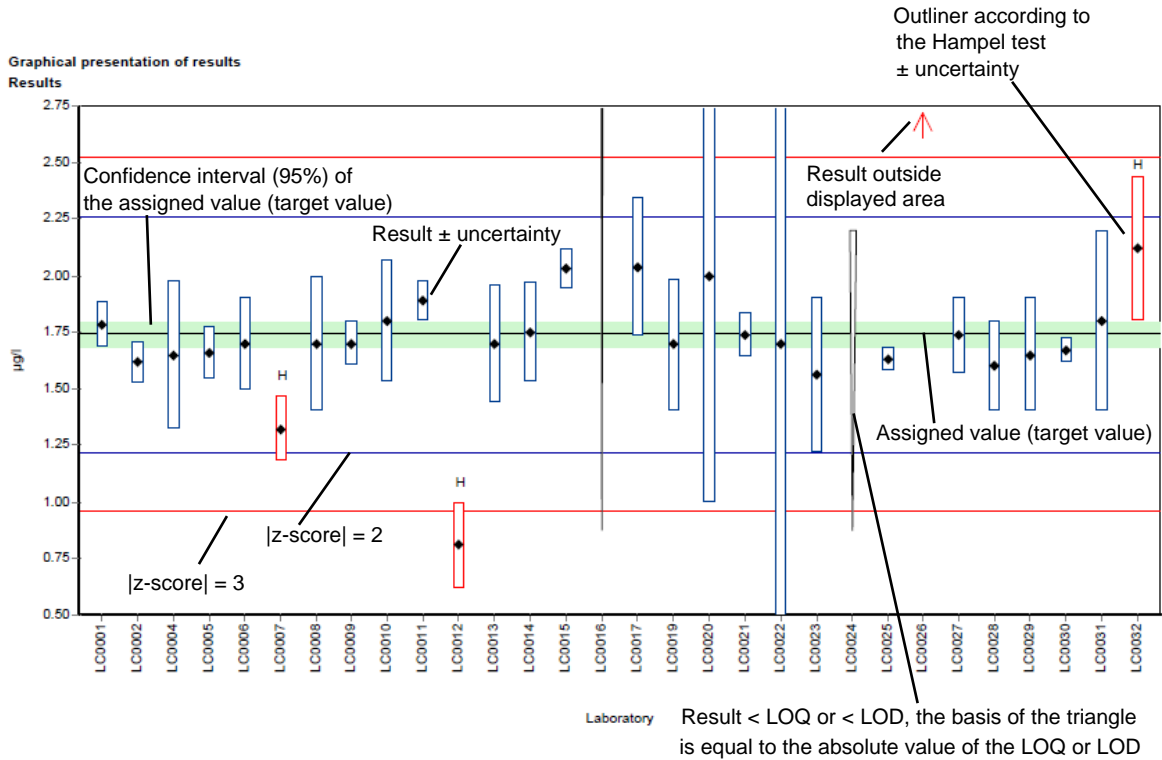
Parameter	Analyte identifier
Sample	Sample identifier
Unit	Given unit for result and uncertainty (e.g. µg/l)
Assigned value	Target value for proficiency assessment of the participants (3 significant digits)
U (k=2)	Expanded uncertainty (k=2) of the assigned value (3 significant digits)
Criterion	Specified value for the determination of the z-score in the given unit (3 significant digits)
Criterion [%]	Specified value for the determination of the z-score in % of the assigned value (3 significant digits)
Mean	Mean of the participants results, without outliers (3 significant digits)
CI (99 %)	99% confidence interval (3 significant digits)
Minimum	Minimum of all submitted results, after removal of outliers (3 significant digits)
Maximum	Maximum of all submitted results, after removal of outliers (3 significant digits)
sR	Reproducibility standard deviation, calculated from the participants results, after removal of outliers (3 significant digits)

vR [%]	Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, after removal of outliers (2 significant digits)
Control test value ± U (k=2)	Mean of control test value ± expanded measurement uncertainty (3 significant digits)
Labcode	Laboratory identifier (anonymized)
Result ± U	Result as indicated by participant (max. 5 decimal places) uncertainty as indicated by participant (max. 5 decimal places)
LOQ	Limit of quantification
LOD	Limit of detection
Recovery	Recovery rate in % based on assigned value (target value) (3 significant digits, max. one decimal place given)
z-Score	Deviation of result based on the assigned value (target value) given as a multiple of the criteria (3 significant digits, max. 2 decimal places given)
E _n -Score	Deviation of result based on the assigned value (target value) given as a multiple of the combined expanded measurement uncertainty of the participant's results and expanded measurement uncertainty for the assigned value (3 significant digits, max. 2 decimal places given). Note: E _n -Score assessment takes into account the measurement uncertainty of the participants.
-	No data available or no calculation possible
Comments	Comment on the respective result (e.g. H, FN, FP)
H	Outlier according to Hampel-Test
FN	False negative – for a result < LOQ or result < LOD: The absolute value of the LOQ or LOD fulfils the condition of an outlier according to the Hampel test.
FP	False positive – for parameters where no target value is available because of a too low analyte content (n < 6): Result that exceeds the median of the absolute values of the transmitted LOQs or LODs by more than 100 %.
Standard deviation	Reproducibility standard deviation, calculated from the participants results (3 significant digits)
Rel. standard deviation	Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, (3 significant digits)
n	Number of results

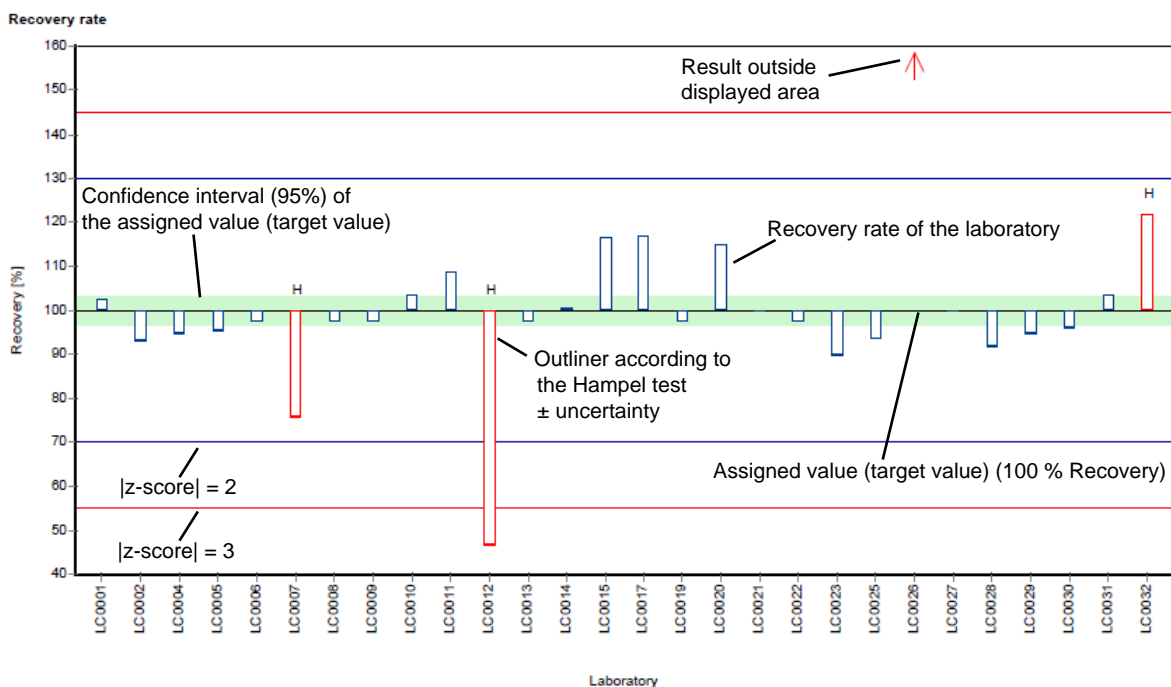
E5.2. Graphical presentation of results

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

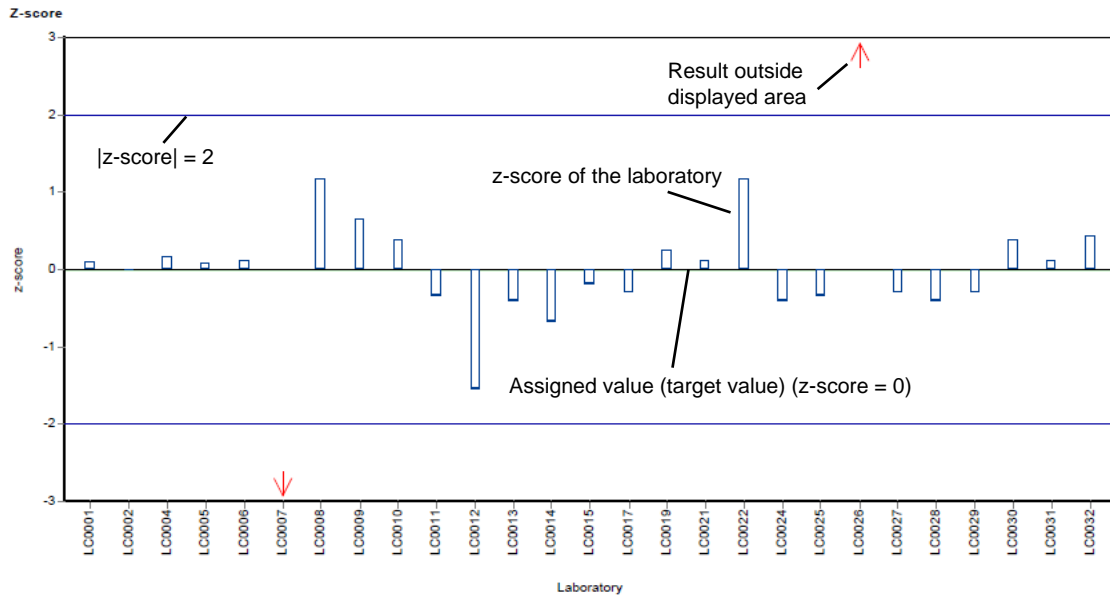
Example chart: Results



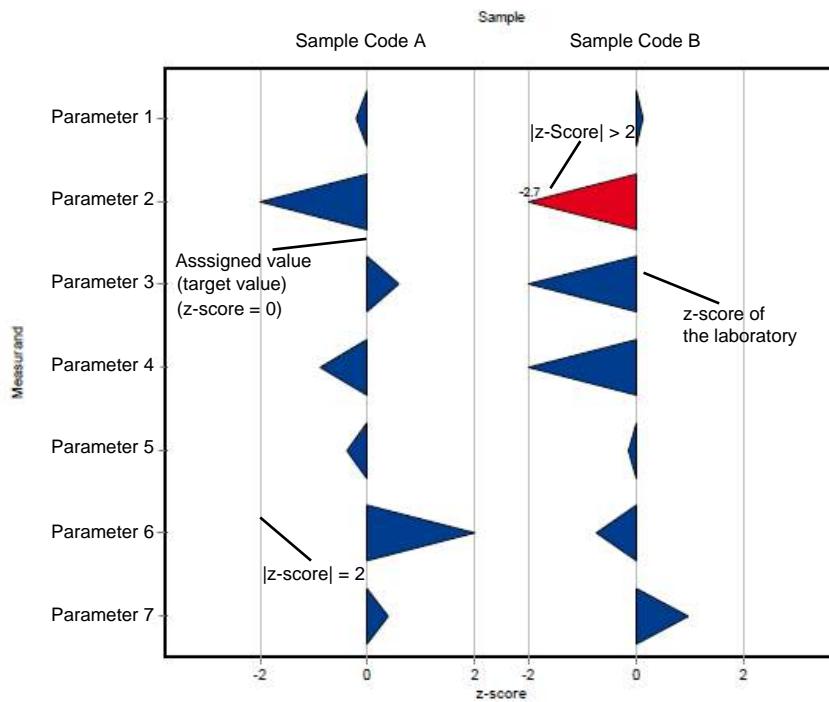
Example chart: Recovery



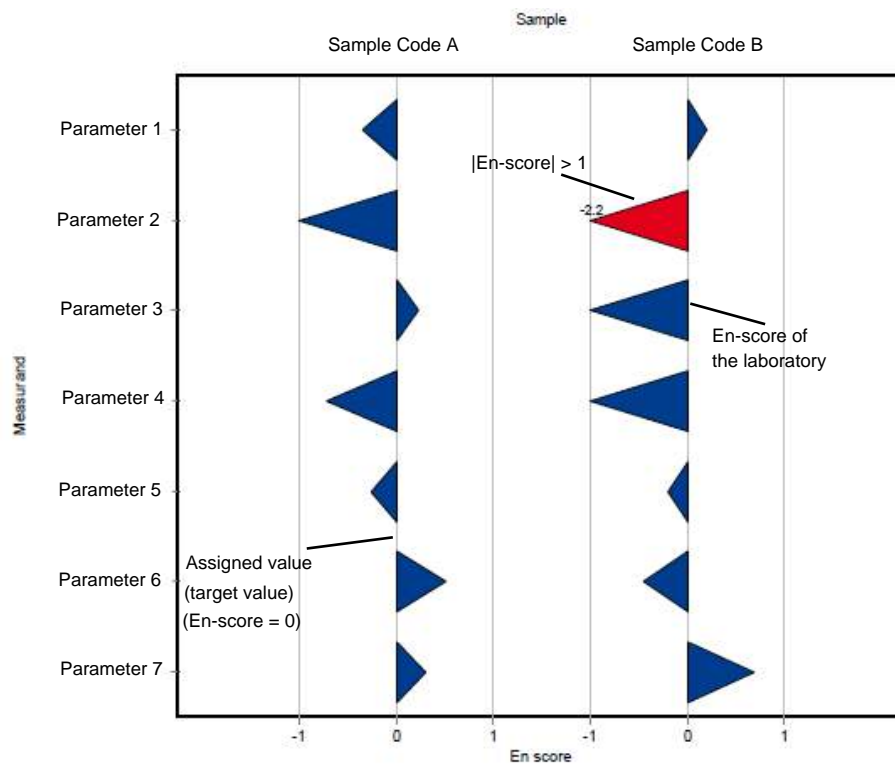
Example chart: z-score



Example chart: z-score (laboratory oriented report)



Example chart: En-score (laboratory oriented report)



E6. Summary

E6.1. Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Acetamiprid	H105 A	µg/l	0.191 ±	0.0102	0.017	8.9
	H105 B	µg/l	0.536 ±	0.0186	0.0279	5.2
Aldrin	H105 A	µg/l	0.0651 ±	0.0176	0.028	43
	H105 B	µg/l	- ±	-	-	-
Atrazine	H105 A	µg/l	0.0736 ±	0.00446	0.00736	10
	H105 B	µg/l	0.247 ±	0.0125	0.0247	10
Atrazine-desethyl	H105 A	µg/l	0.105 ±	0.00538	0.0126	12
	H105 B	µg/l	0.6 ±	0.0378	0.072	12
Atrazine-desisopropyl	H105 A	µg/l	0.109 ±	0.00703	0.0142	13
	H105 B	µg/l	0.237 ±	0.0116	0.0308	13
Bromacil	H105 A	µg/l	0.123 ±	0.00785	0.016	13
	H105 B	µg/l	0.239 ±	0.0173	0.0311	13
Clothianidin	H105 A	µg/l	0.179 ±	0.012	0.025	14
	H105 B	µg/l	0.332 ±	0.0177	0.0465	14
Cyanazine	H105 A	µg/l	0.229 ±	0.0176	0.0297	13
	H105 B	µg/l	0.429 ±	0.0374	0.0557	13
Dieldrin	H105 A	µg/l	0.272 ±	0.0277	0.05	18
	H105 B	µg/l	0.626 ±	0.105	0.19	30
Dinotefurane	H105 A	µg/l	- ±	-	-	-
	H105 B	µg/l	- ±	-	-	-
Endrin	H105 A	µg/l	- ±	-	-	-
	H105 B	µg/l	0.334 ±	0.0264	0.0602	18
Heptachlor	H105 A	µg/l	0.101 ±	0.0212	0.0367	36
	H105 B	µg/l	0.207 ±	0.0501	0.0751	36
Imidacloprid	H105 A	µg/l	0.13 ±	0.00945	0.0208	16
	H105 B	µg/l	0.283 ±	0.0351	0.0452	16
Lindane (Gamma-HCH)	H105 A	µg/l	0.284 ±	0.0232	0.0596	21
	H105 B	µg/l	0.572 ±	0.0481	0.12	21
Nitenpyram	H105 A	µg/l	- ±	-	-	-
	H105 B	µg/l	- ±	-	-	-
Prometryn	H105 A	µg/l	0.188 ±	0.0119	0.0225	12
	H105 B	µg/l	0.432 ±	0.046	0.0519	12
Propazine	H105 A	µg/l	0.0549 ±	0.00397	0.00659	12
	H105 B	µg/l	- ±	-	-	-
Sum Chlordane	H105 A	µg/l	- ±	-	-	-
	H105 B	µg/l	- ±	-	-	-
Sum DDD	H105 A	µg/l	0.292 ±	0.0848	0.0934	32
	H105 B	µg/l	0.526 ±	0.171	0.241	46
Sum DDE	H105 A	µg/l	0.245 ±	0.071	0.0939	38
	H105 B	µg/l	0.412 ±	0.131	0.174	42
Sum DDT	H105 A	µg/l	0.12 ±	0.0312	0.0418	35
	H105 B	µg/l	0.367 ±	0.109	0.144	39
Sum Endosulfan	H105 A	µg/l	0.276 ±	0.0654	0.111	40
	H105 B	µg/l	0.543 ±	0.144	0.217	40
Thiacloprid	H105 A	µg/l	0.131 ±	0.00767	0.0184	14
	H105 B	µg/l	0.277 ±	0.0183	0.0388	14
Thiamethoxam	H105 A	µg/l	0.131 ±	0.015	0.0197	15

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Thiamethoxam	H105 B	µg/l	0.263 ±	0.0323	0.0394	15

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 [%]
Acetamidrid	H105 A	11	1	µg/l	0.191	± 0.0154	0.163	0.218	0.017	8.9
	H105 B	9	3	µg/l	0.536	± 0.0279	0.5	0.579	0.0279	5.2
Aldrin	H105 A	13	1	µg/l	0.0651	± 0.0264	0.023	0.13	0.0318	49
	H105 B	4	0	µg/l	-	± -	0.001	0.086	-	-
Atrazine	H105 A	20	1	µg/l	0.0736	± 0.0067	0.06	0.096	0.00998	14
	H105 B	21	1	µg/l	0.247	± 0.0188	0.18	0.304	0.0287	12
Atrazine-desethyl	H105 A	18	2	µg/l	0.105	± 0.00807	0.083	0.129	0.0114	11
	H105 B	19	0	µg/l	0.6	± 0.0566	0.43	0.781	0.0823	14
Atrazine-desisopropyl	H105 A	15	2	µg/l	0.114	± 0.00936	0.087	0.136	0.0121	11
	H105 B	16	1	µg/l	0.237	± 0.0173	0.211	0.284	0.0231	9.7
Bromacil	H105 A	12	1	µg/l	0.123	± 0.0118	0.096	0.145	0.0136	11
	H105 B	13	1	µg/l	0.239	± 0.0259	0.165	0.295	0.0312	13
Clothianidin	H105 A	15	0	µg/l	0.179	± 0.0179	0.146	0.221	0.0232	13
	H105 B	13	2	µg/l	0.332	± 0.0266	0.26	0.37	0.032	9.6
Cyanazine	H105 A	11	0	µg/l	0.229	± 0.0265	0.197	0.293	0.0293	13
	H105 B	11	0	µg/l	0.429	± 0.0562	0.355	0.576	0.0621	14
Dieldrin	H105 A	13	1	µg/l	0.272	± 0.0416	0.178	0.36	0.05	18
	H105 B	13	1	µg/l	0.626	± 0.158	0.27	0.972	0.189	30
Dinotefurane	H105 A	3	0	µg/l	-	± -	0.092	0.169	-	-
	H105 B	3	0	µg/l	-	± -	0.147	0.329	-	-
Endrin	H105 A	2	0	µg/l	-	± -	0.001	0.145	-	-
	H105 B	9	2	µg/l	0.334	± 0.0396	0.277	0.385	0.0396	12
Heptachlor	H105 A	12	0	µg/l	0.101	± 0.0318	0.048	0.163	0.0367	36
	H105 B	13	0	µg/l	0.196	± 0.085	0.001	0.366	0.102	52
Imidacloprid	H105 A	12	2	µg/l	0.13	± 0.0142	0.095	0.147	0.0164	13
	H105 B	14	0	µg/l	0.283	± 0.0526	0.163	0.421	0.0656	23
Lindane (Gamma-HCH)	H105 A	11	2	µg/l	0.284	± 0.0348	0.21	0.33	0.0385	14

Parameter	Sample	Number of results for calculation	Number of outliers	Unit	Mean	± CI (99%)	Minimum	Maximum	sR	vR [%]
Lindane (Gamma-HCH)	H105 B	11	2	µg/l	0.572	± 0.0722	0.44	0.74	0.0798	14
Nitenpyram	H105 A	4	0	µg/l	-	± -	0.138	0.158	-	-
	H105 B	4	0	µg/l	-	± -	0.264	0.362	-	-
Prometryn	H105 A	10	1	µg/l	0.188	± 0.0178	0.151	0.222	0.0188	10
	H105 B	10	1	µg/l	0.432	± 0.0689	0.283	0.501	0.0727	17
Propazine	H105 A	10	2	µg/l	0.0549	± 0.00595	0.047	0.0642	0.00627	11
	H105 B	2	0	µg/l	-	± -	0.00307	0.464	-	-
Sum Chlordane	H105 A	3	0	µg/l	-	± -	0.0016	0.193	-	-
	H105 B	3	0	µg/l	-	± -	0.0033	0.384	-	-
Sum DDD	H105 A	9	0	µg/l	0.292	± 0.127	0.1	0.471	0.127	44
	H105 B	11	0	µg/l	0.468	± 0.24	0.07	0.949	0.266	57
Sum DDE	H105 A	10	0	µg/l	0.251	± 0.129	0.05	0.52	0.136	54
	H105 B	11	0	µg/l	0.382	± 0.218	0.01	0.79	0.241	63
Sum DDT	H105 A	10	1	µg/l	0.137	± 0.0548	0.06	0.24	0.0578	42
	H105 B	11	0	µg/l	0.355	± 0.162	0.028	0.64	0.179	51
Sum Endosulfan	H105 A	12	0	µg/l	0.276	± 0.0982	0.09	0.492	0.113	41
	H105 B	13	0	µg/l	0.543	± 0.217	0.053	0.999	0.26	48
Thiacloprid	H105 A	15	0	µg/l	0.131	± 0.0115	0.11	0.154	0.0149	11
	H105 B	13	2	µg/l	0.277	± 0.0275	0.21	0.333	0.0331	12
Thiamethoxam	H105 A	13	1	µg/l	0.131	± 0.0224	0.082	0.185	0.027	21
	H105 B	13	1	µg/l	0.263	± 0.0484	0.149	0.352	0.0582	22

E7. Parameterorientierte Auswertung / Parameter oriented report

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Parameter oriented report

H105 A

Acetamiprid

Unit	µg/l
Assigned value ± U (k=2)	0.191 ± 0.0102
Criterion	0.017 (8.9 %)
Minimum - Maximum	0.163 - 0.218
Control test value ± U (k=2)	0.211 ± 0.0316

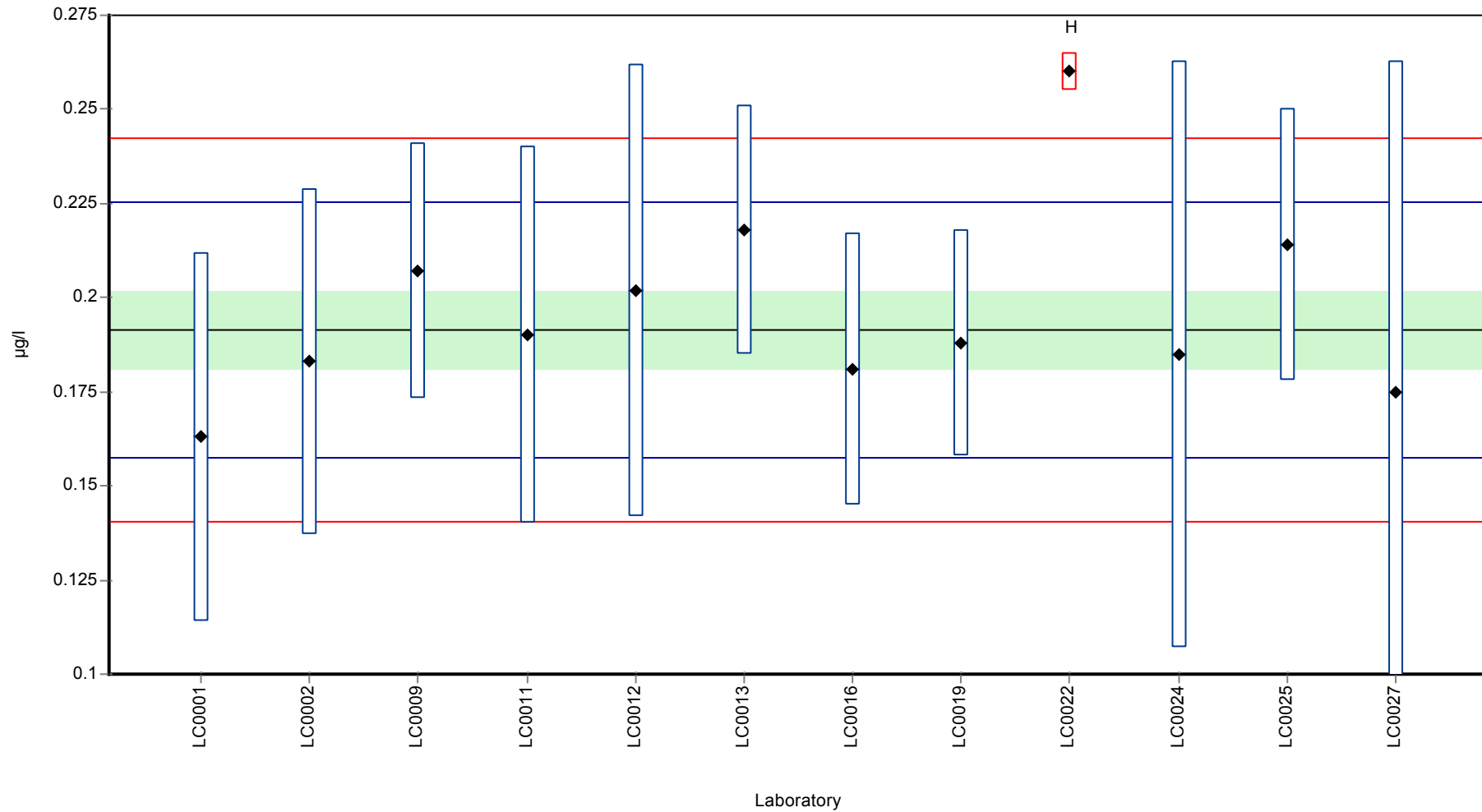
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.163	0.049	85.1	-1.67	
LC0002	0.183	0.046	95.6	-0.5	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.207	0.034	108	0.91	
LC0010	-	-	-	-	
LC0011	0.19	0.05	99.2	-0.09	
LC0012	0.202	0.06	106	0.62	
LC0013	0.218	0.033	114	1.56	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.181	0.036	94.5	-0.61	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.188	0.03	98.2	-0.2	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.26	0.005	136	4.03	H
LC0023	-	-	-	-	
LC0024	0.185	0.078	96.6	-0.38	
LC0025	0.214	0.036	112	1.33	
LC0026	-	-	-	-	
LC0027	0.175	0.088	91.4	-0.97	

Characteristics of parameter

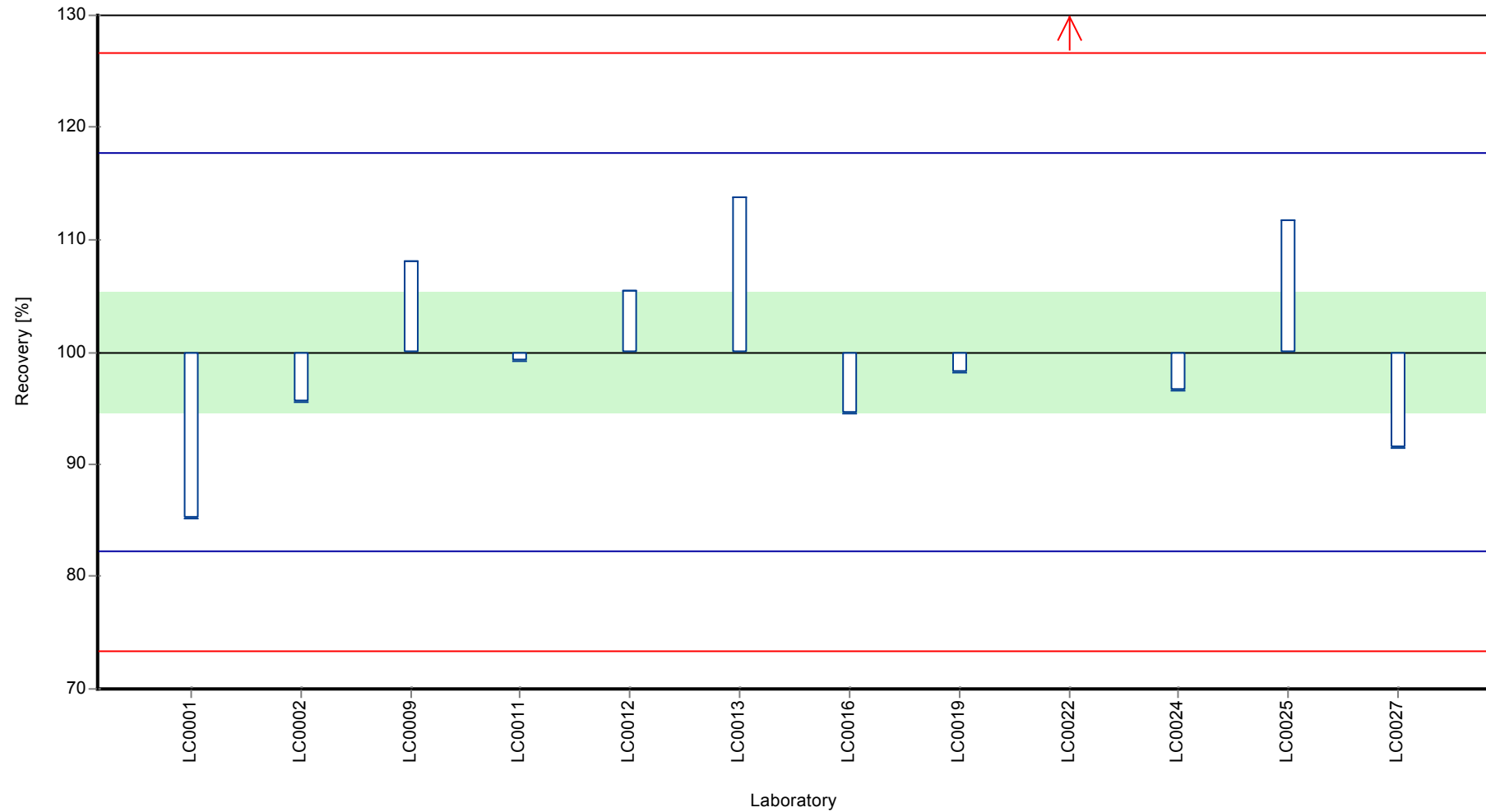
	all results	without outliers	Unit
Mean ± CI (99%)	0.197 ± 0.0221	0.191 ± 0.0154	µg/l
Minimum	0.163	0.163	µg/l
Maximum	0.26	0.218	µg/l
Standard deviation	0.0256	0.017	µg/l
rel. standard deviation	13	8.87 %	
n	12	11	-

Graphical presentation of results

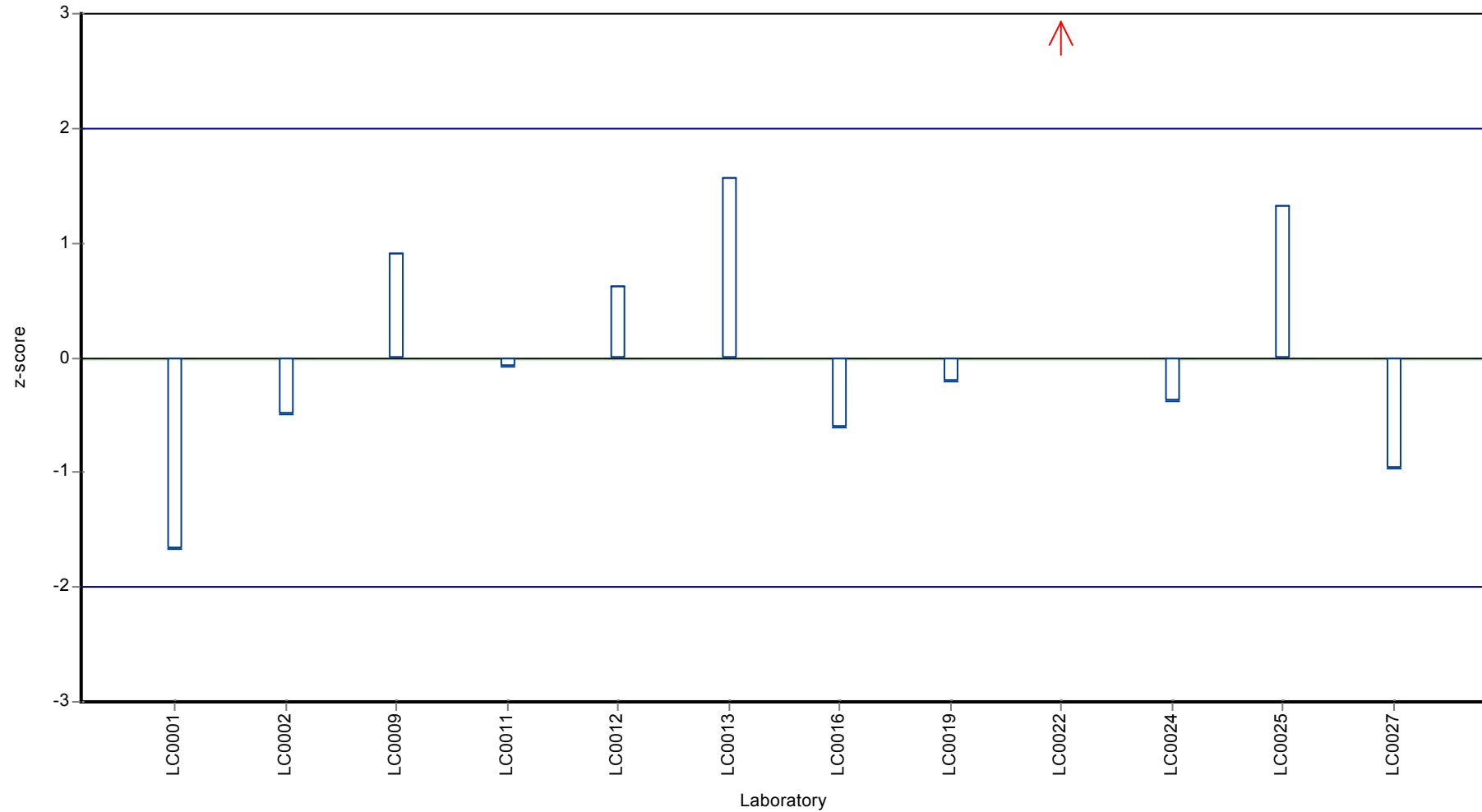
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Acetamiprid

Unit	µg/l
Assigned value ± U (k=2)	0.536 ± 0.0186
Criterion	0.0279 (5.2 %)
Minimum - Maximum	0.5 - 0.579
Control test value ± U (k=2)	0.571 ± 0.0857

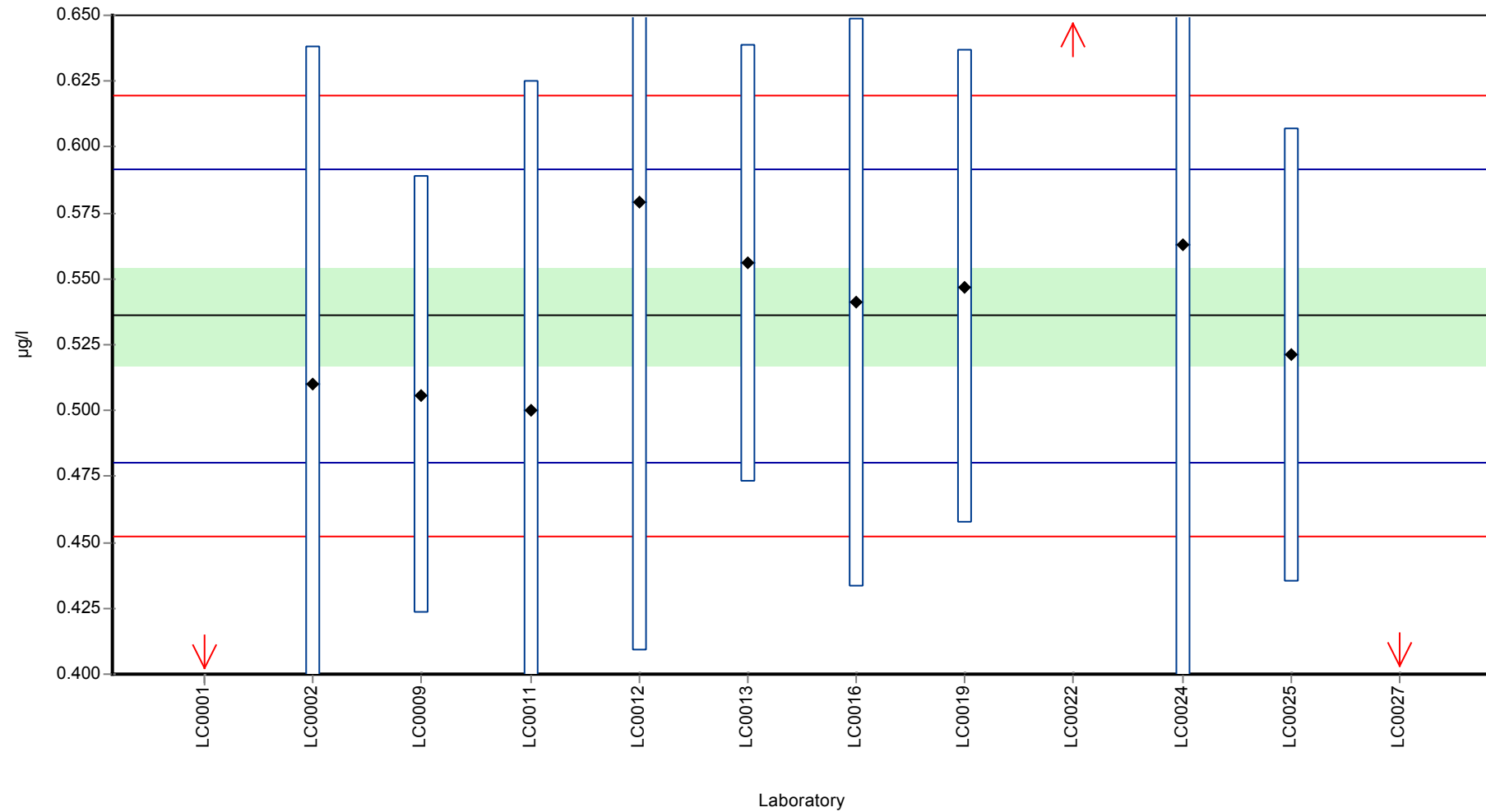
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.385	0.116	71.8	-5.41	H
LC0002	0.51	0.128	95.2	-0.93	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.506	0.083	94.4	-1.07	
LC0010	-	-	-	-	
LC0011	0.5	0.125	93.3	-1.29	
LC0012	0.579	0.17	108	1.55	
LC0013	0.556	0.083	104	0.72	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.541	0.108	101	0.18	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.547	0.09	102	0.4	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.864	0.002	161	11.8	H
LC0023	-	-	-	-	
LC0024	0.563	0.198	105	0.97	
LC0025	0.521	0.086	97.2	-0.53	
LC0026	-	-	-	-	
LC0027	0.266	0.133	49.6	-9.67	H

Characteristics of parameter

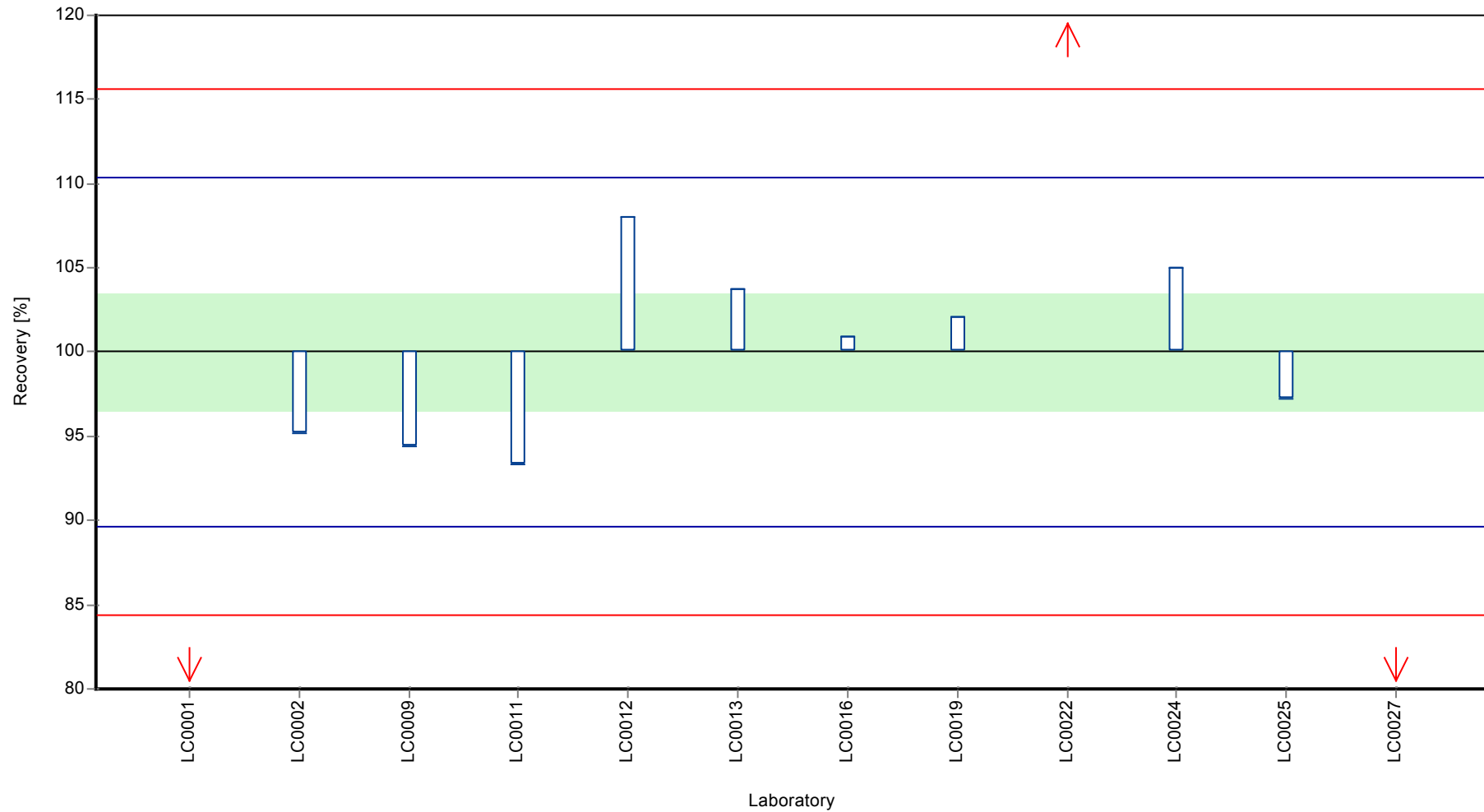
	all results	without outliers	Unit
Mean ± CI (99%)	0.528 ± 0.119	0.536 ± 0.0279	µg/l
Minimum	0.266	0.5	µg/l
Maximum	0.864	0.579	µg/l
Standard deviation	0.138	0.0279	µg/l
rel. standard deviation	26.1	5.2 %	
n	12	9	-

Graphical presentation of results

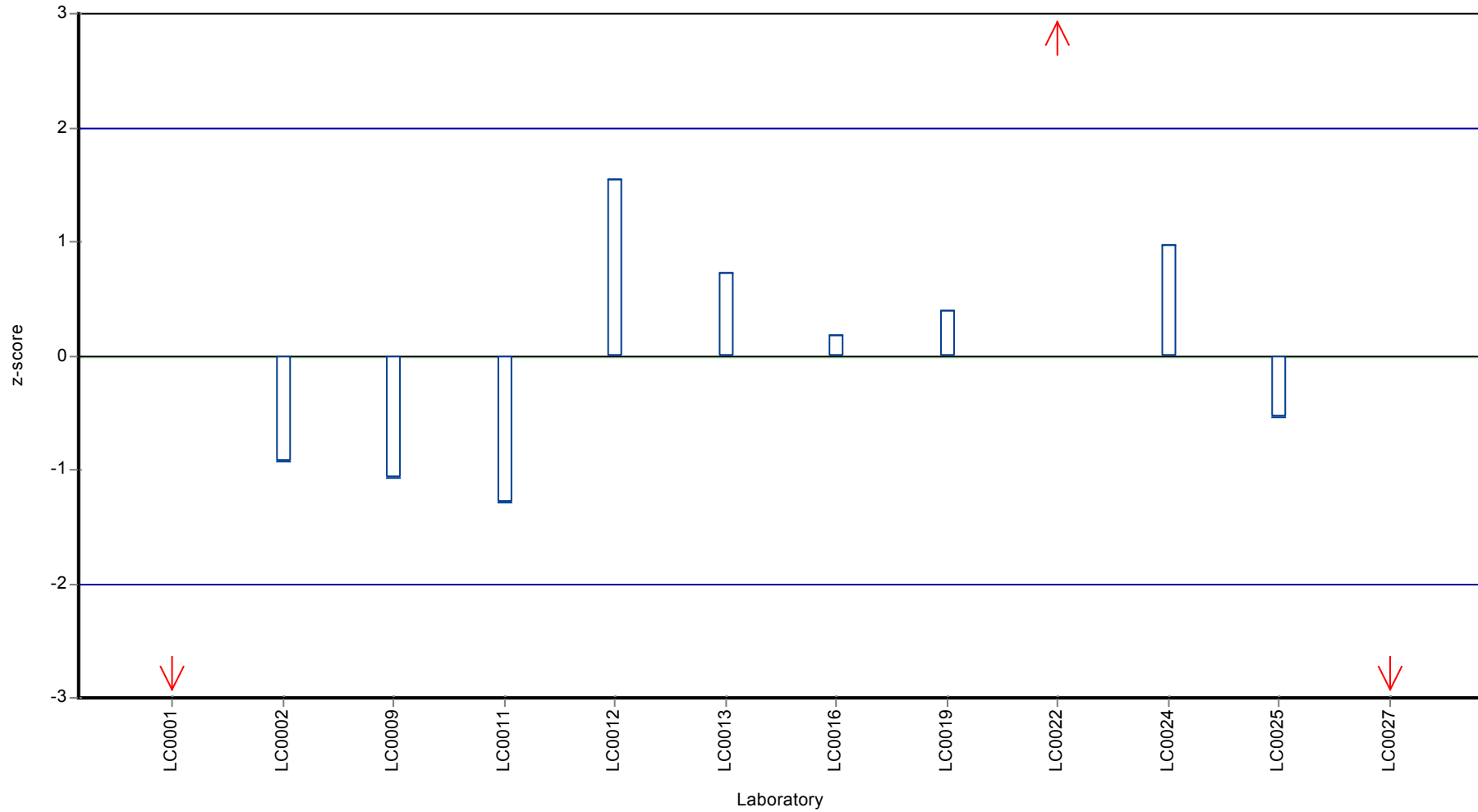
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Aldrin

Unit	µg/l
Assigned value ± U (k=2)	0.0651 ± 0.0176
Criterion	0.028 (43 %)
Minimum - Maximum	0.023 - 0.13
Control test value ± U (k=2)	0.0668 ± 0.0267

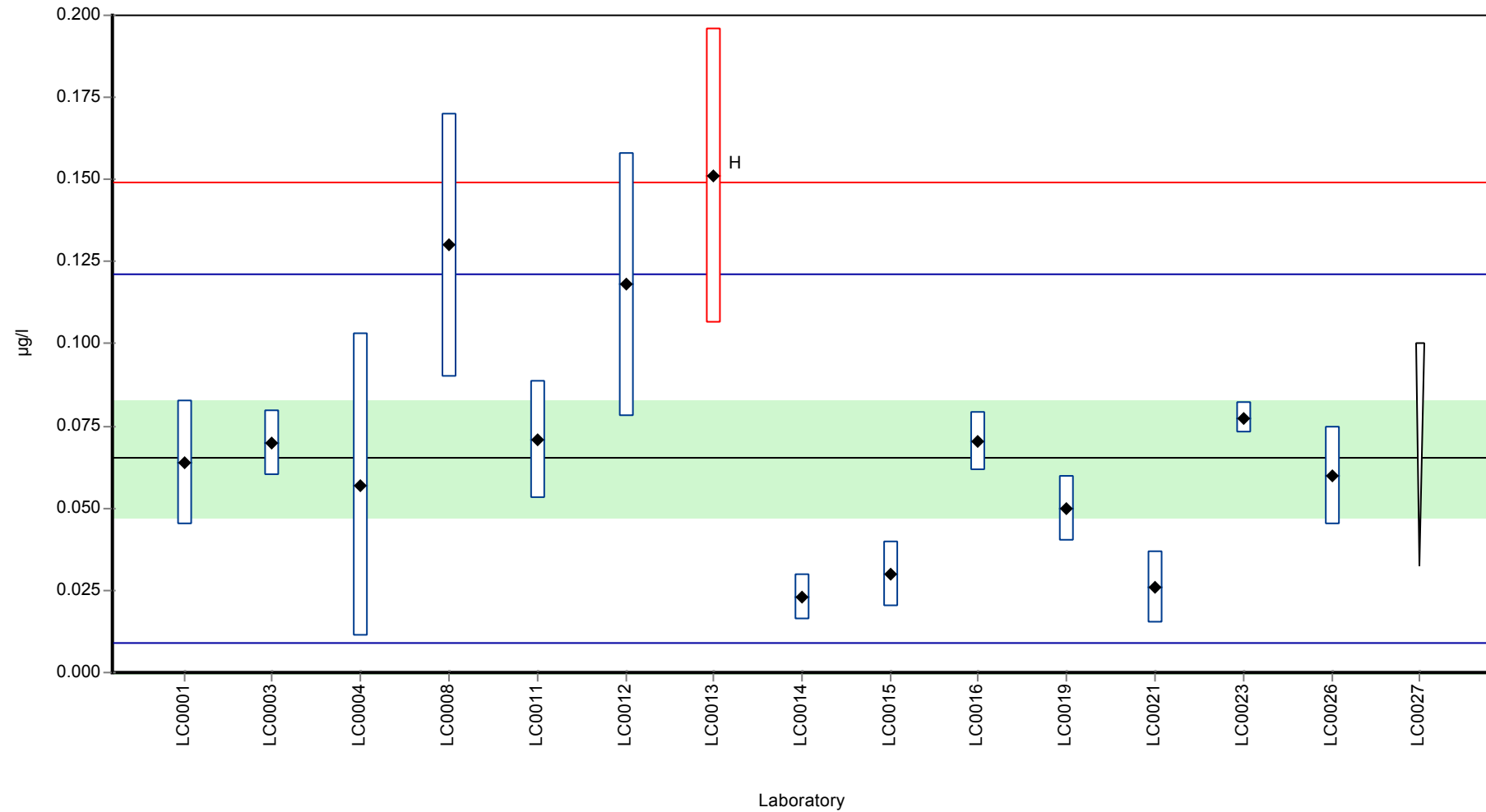
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.064	0.019	98.2	-0.04	
LC0002	-	-	-	-	
LC0003	0.07	0.01	107	0.17	
LC0004	0.057	0.046	87.5	-0.29	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.13	0.04	200	2.32	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.071	0.018	109	0.21	
LC0012	0.118	0.04	181	1.89	
LC0013	0.151	0.045	232	3.07	H
LC0014	0.023	0.007	35.3	-1.51	
LC0015	0.03	0.01	46.1	-1.26	
LC0016	0.0705	0.009	108	0.19	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.05	0.01	76.8	-0.54	
LC0020	-	-	-	-	
LC0021	0.026	0.011	39.9	-1.4	
LC0022	-	-	-	-	
LC0023	0.0774	0.00482	119	0.44	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.06	0.015	92.1	-0.18	
LC0027	< 0.1 (LOQ)	-	-	-	

Characteristics of parameter

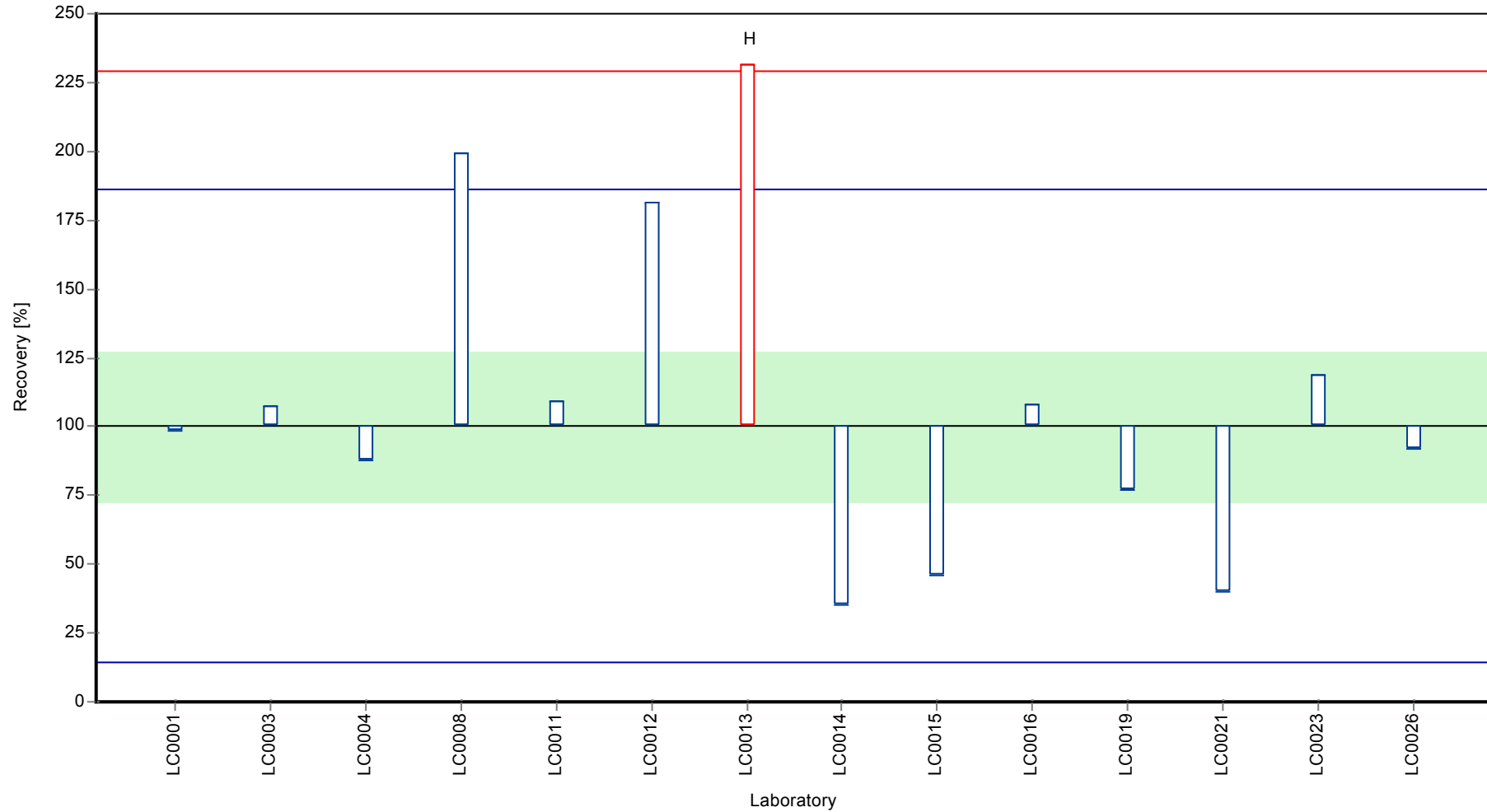
	all results	without outliers	Unit
Mean ± CI (99%)	0.0713 ± 0.0306	0.0651 ± 0.0264	µg/l
Minimum	0.023	0.023	µg/l
Maximum	0.151	0.13	µg/l
Standard deviation	0.0382	0.0318	µg/l
rel. standard deviation	53.6	48.8 %	
n	14	13	-

Graphical presentation of results

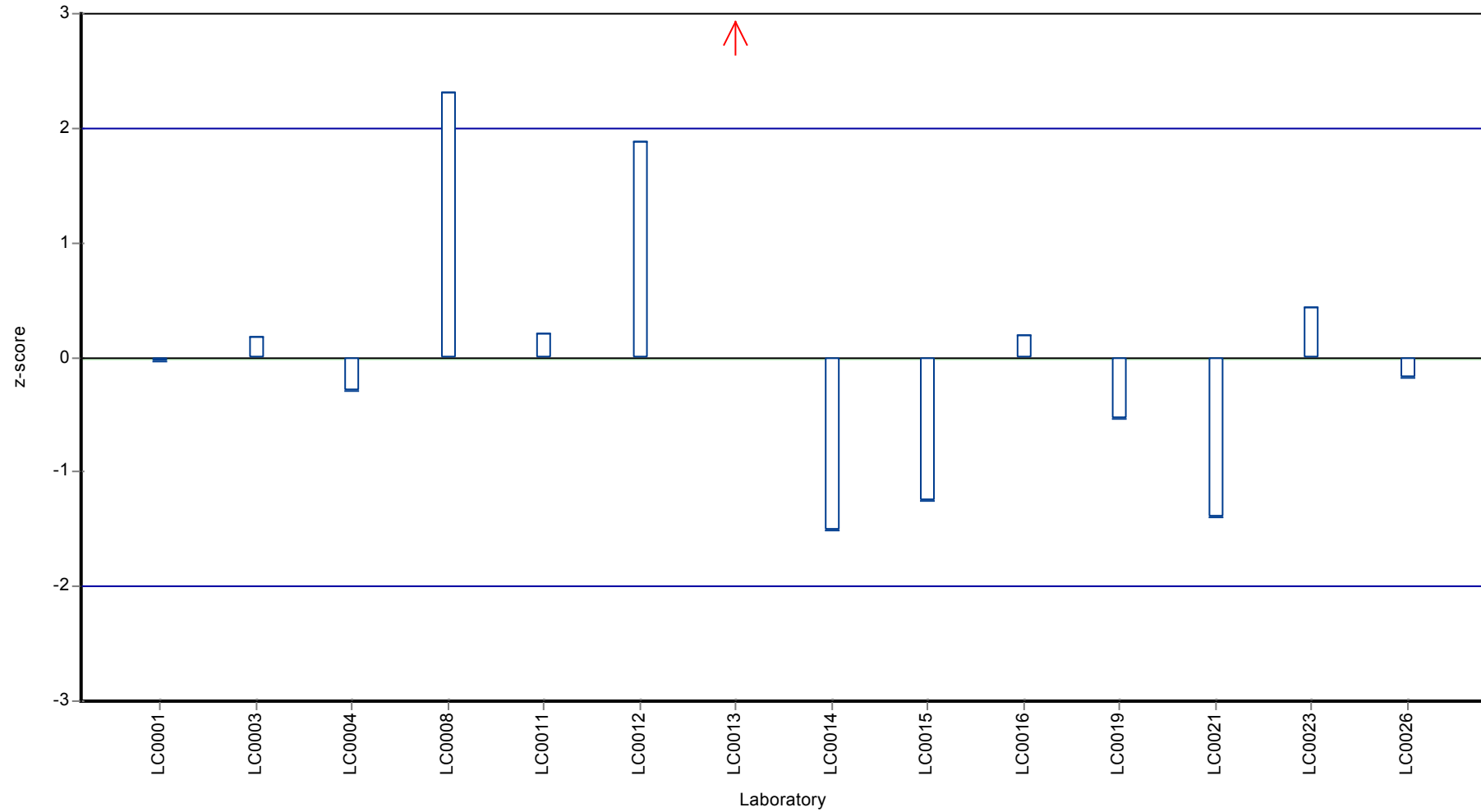
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Aldrin

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.001 - 0.086
Control test value ± U (k=2)	<0.004 (LOD)

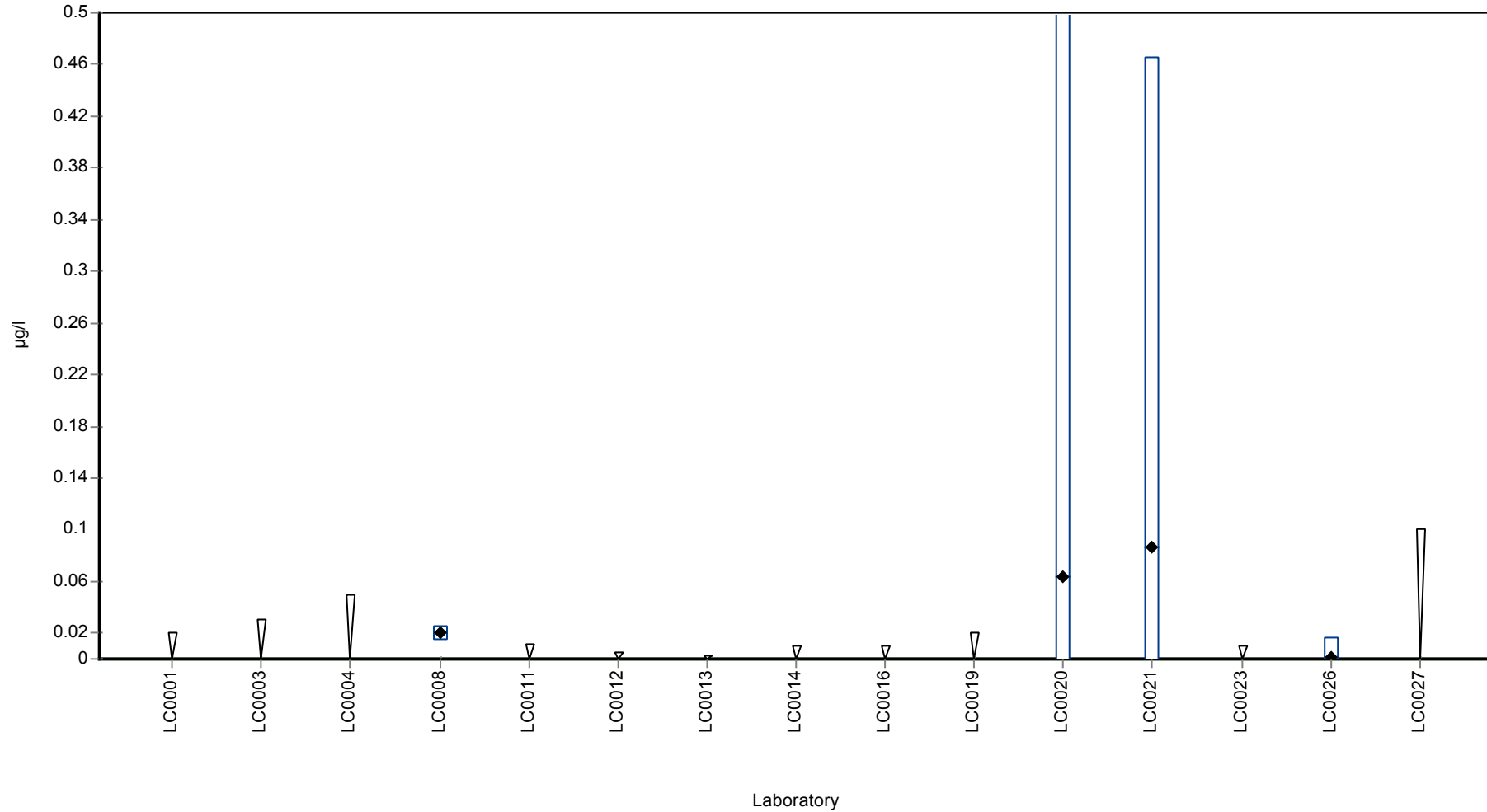
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.02 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.03 (LOQ)	-	-	-	
LC0004	< 0.05 (LOQ)	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.02	0.006	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.012 (LOQ)	-	-	-	
LC0012	< 0.005 (LOQ)	-	-	-	
LC0013	<0.003 (LOD)	-	-	-	
LC0014	< 0.01 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.01 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.02 (LOQ)	-	-	-	
LC0020	0.063	2.5	-	-	FP
LC0021	0.086	0.38	-	-	FP
LC0022	-	-	-	-	
LC0023	< 0.01 (LOQ)	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.001	0.015	-	-	
LC0027	< 0.1 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0425 ± 0.0584	-	µg/l
Minimum	0.001	0.001	µg/l
Maximum	0.086	0.086	µg/l
Standard deviation	0.0389	-	µg/l
rel. standard deviation	91.5	-	%
n	4	4	-

Graphical presentation of results

Results



Parameter oriented report

H105 A

Atrazine

Unit	µg/l
Assigned value ± U (k=2)	0.0736 ± 0.00446
Criterion	0.00736 (10 %)
Minimum - Maximum	0.06 - 0.096
Control test value ± U (k=2)	0.0772 ± 0.0116

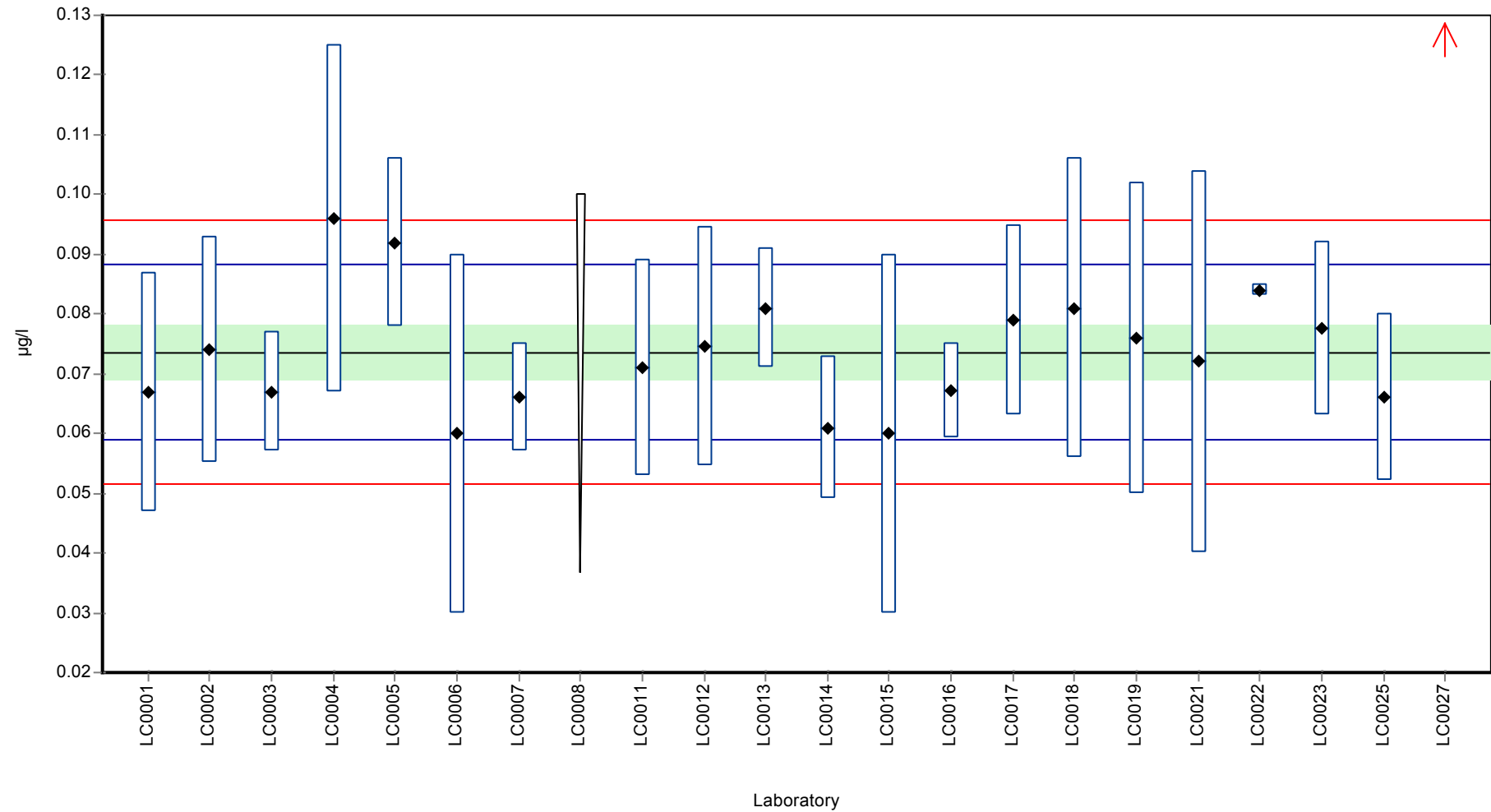
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.067	0.02	91	-0.9	
LC0002	0.074	0.019	101	0.05	
LC0003	0.067	0.01	91	-0.9	
LC0004	0.096	0.029	130	3.04	
LC0005	0.092	0.014	125	2.5	
LC0006	0.06	0.03	81.5	-1.85	
LC0007	0.066	0.009	89.7	-1.03	
LC0008	< 0.1 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.071	0.018	96.4	-0.35	
LC0012	0.0746	0.02	101	0.13	
LC0013	0.081	0.01	110	1	
LC0014	0.061	0.012	82.9	-1.71	
LC0015	0.06	0.03	81.5	-1.85	
LC0016	0.0671	0.008	91.1	-0.89	
LC0017	0.079	0.016	107	0.73	
LC0018	0.081	0.025	110	1	
LC0019	0.076	0.026	103	0.32	
LC0020	-	-	-	-	
LC0021	0.072	0.032	97.8	-0.22	
LC0022	0.084	0.001	114	1.41	
LC0023	0.0776	0.01448	105	0.54	
LC0024	-	-	-	-	
LC0025	0.066	0.014	89.7	-1.03	
LC0026	-	-	-	-	
LC0027	0.311	0.156	422	32.3	H

Characteristics of parameter

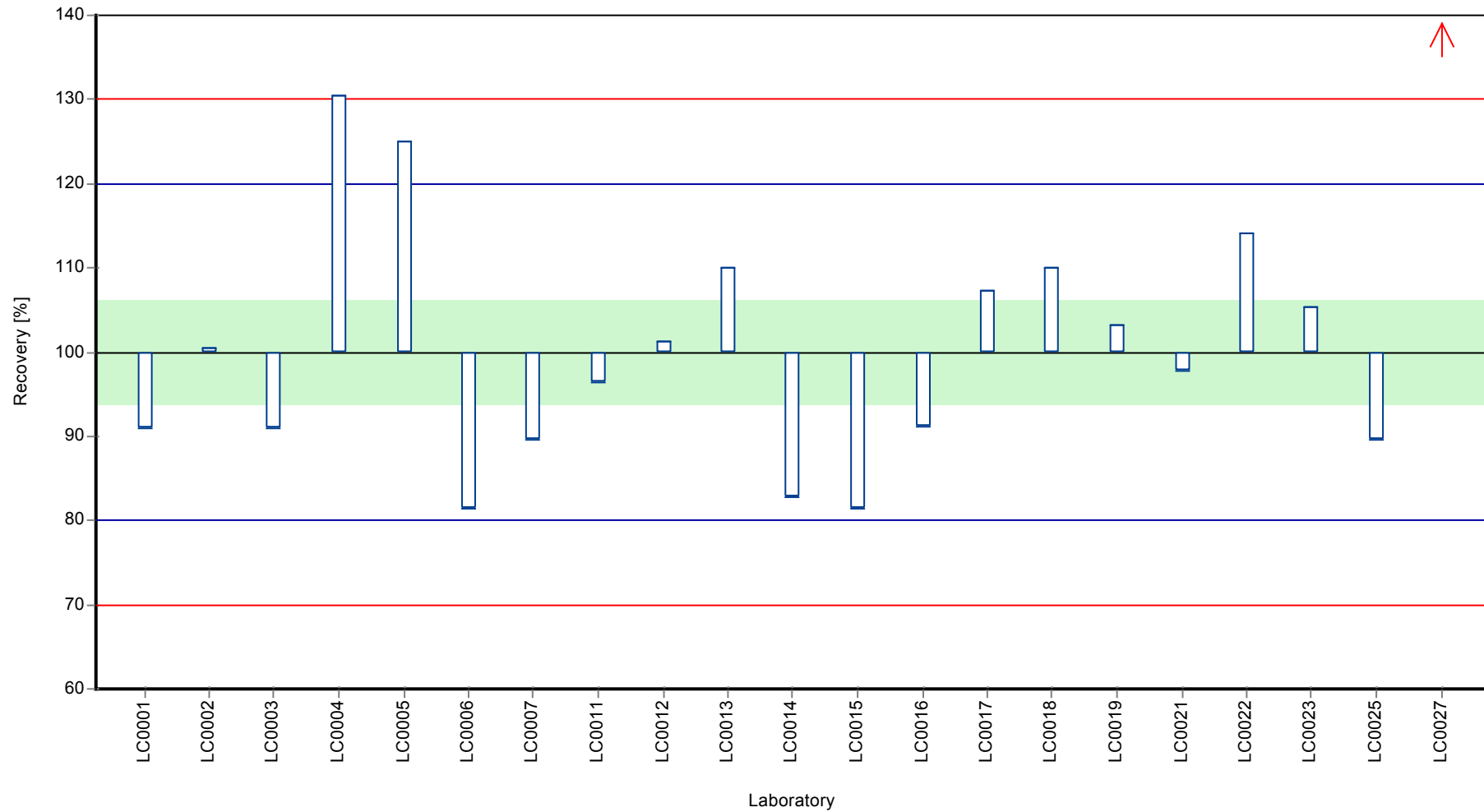
	all results	without outliers	Unit
Mean ± CI (99%)	0.0849 ± 0.0345	0.0736 ± 0.0067	µg/l
Minimum	0.06	0.06	µg/l
Maximum	0.311	0.096	µg/l
Standard deviation	0.0527	0.00998	µg/l
rel. standard deviation	62.1	13.6 %	
n	21	20	-

Graphical presentation of results

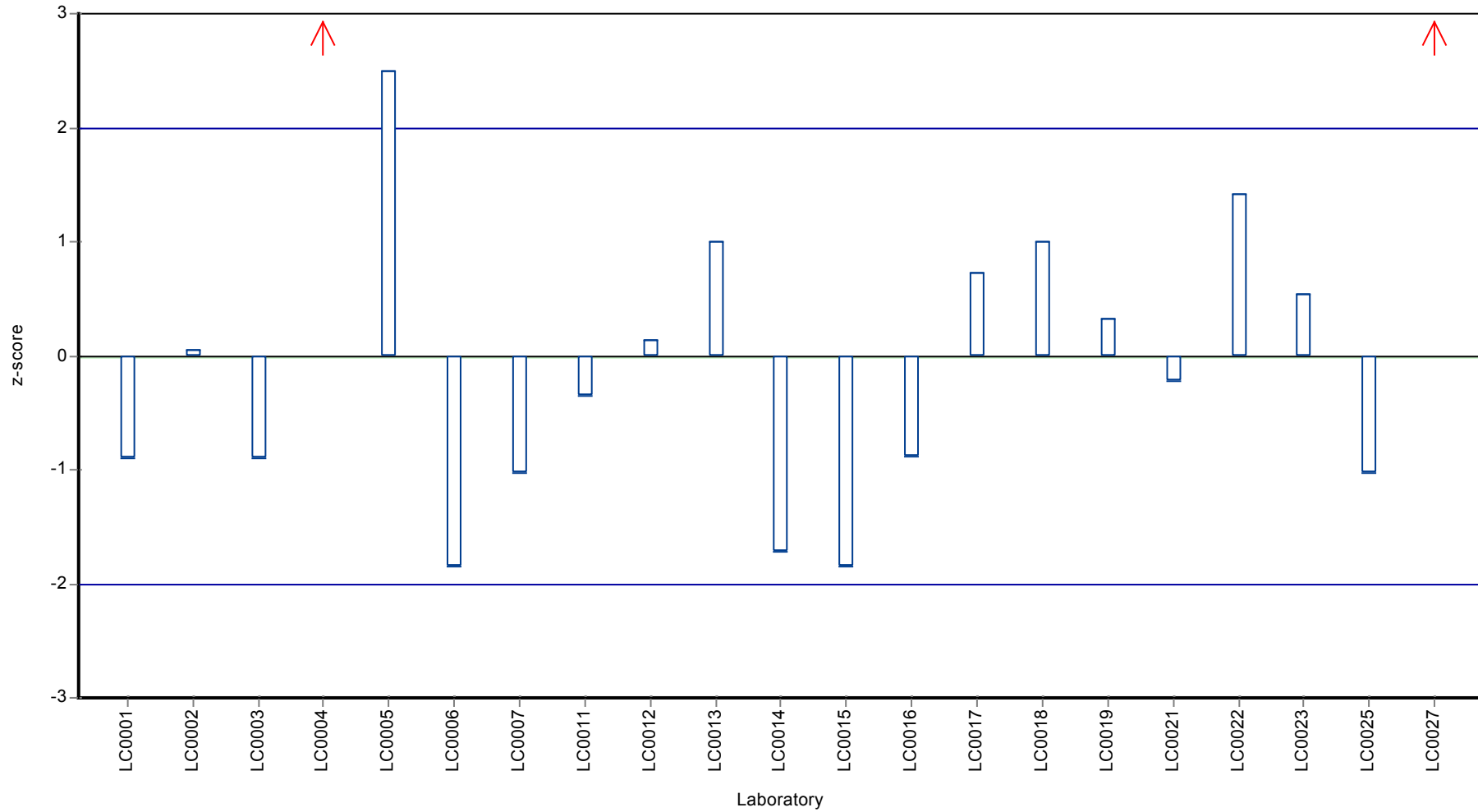
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Atrazine

Unit	µg/l
Assigned value ± U (k=2)	0.247 ± 0.0125
Criterion	0.0247 (10 %)
Minimum - Maximum	0.18 - 0.304
Control test value ± U (k=2)	0.258 ± 0.0388

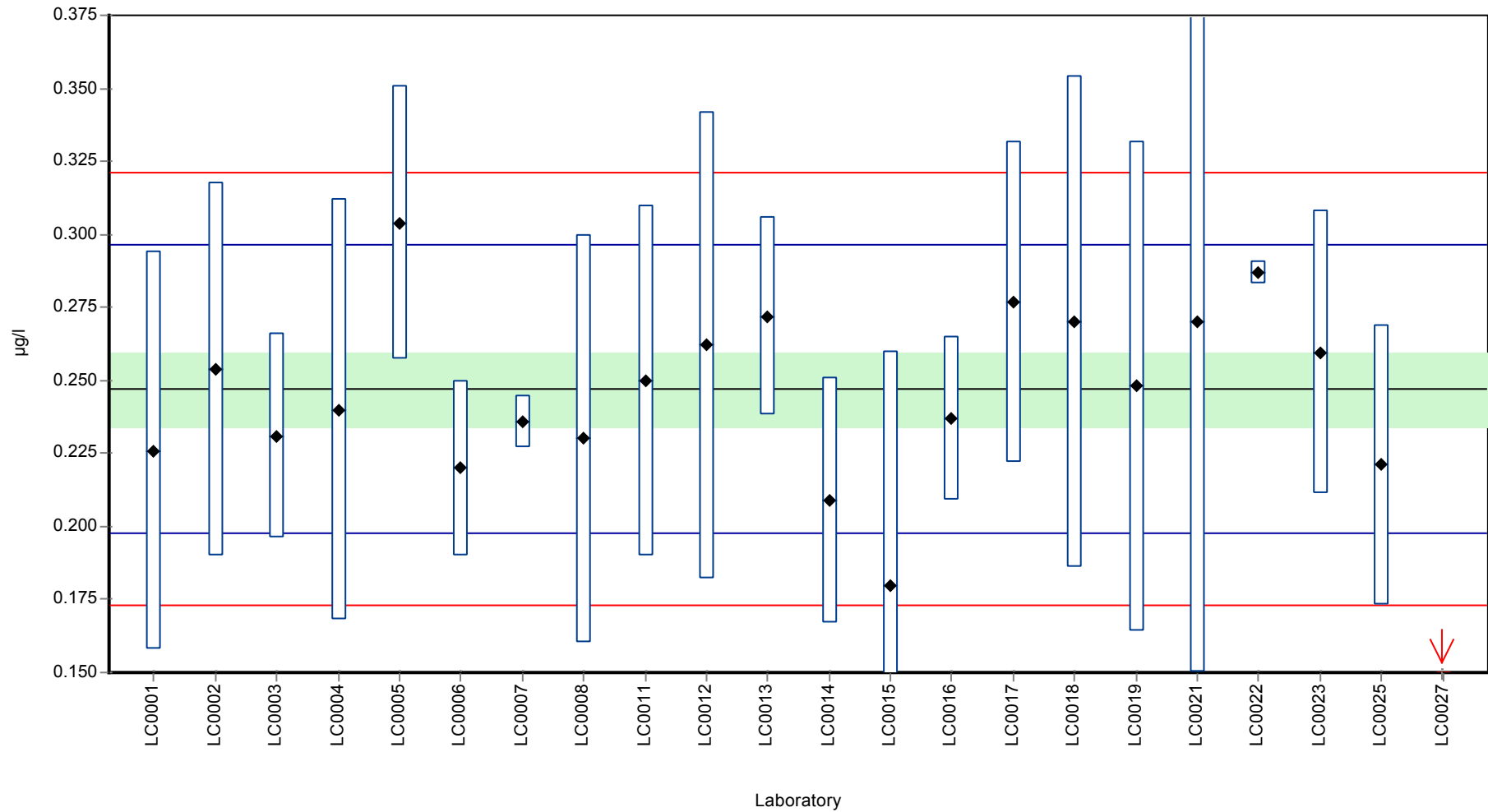
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.226	0.068	91.6	-0.84	
LC0002	0.254	0.064	103	0.29	
LC0003	0.231	0.035	93.6	-0.64	
LC0004	0.24	0.072	97.2	-0.28	
LC0005	0.304	0.047	123	2.32	
LC0006	0.22	0.03	89.1	-1.09	
LC0007	0.236	0.009	95.6	-0.44	
LC0008	0.23	0.07	93.2	-0.68	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.25	0.06	101	0.13	
LC0012	0.262	0.08	106	0.61	
LC0013	0.272	0.034	110	1.02	
LC0014	0.209	0.042	84.7	-1.53	
LC0015	0.18	0.08	72.9	-2.71	
LC0016	0.237	0.028	96	-0.4	
LC0017	0.277	0.055	112	1.22	
LC0018	0.27	0.084	109	0.94	
LC0019	0.248	0.084	100	0.05	
LC0020	-	-	-	-	
LC0021	0.27	0.12	109	0.94	
LC0022	0.287	0.004	116	1.63	
LC0023	0.2595	0.04846	105	0.51	
LC0024	-	-	-	-	
LC0025	0.221	0.048	89.5	-1.05	
LC0026	-	-	-	-	
LC0027	0.1	0.05	40.5	-5.95	H

Characteristics of parameter

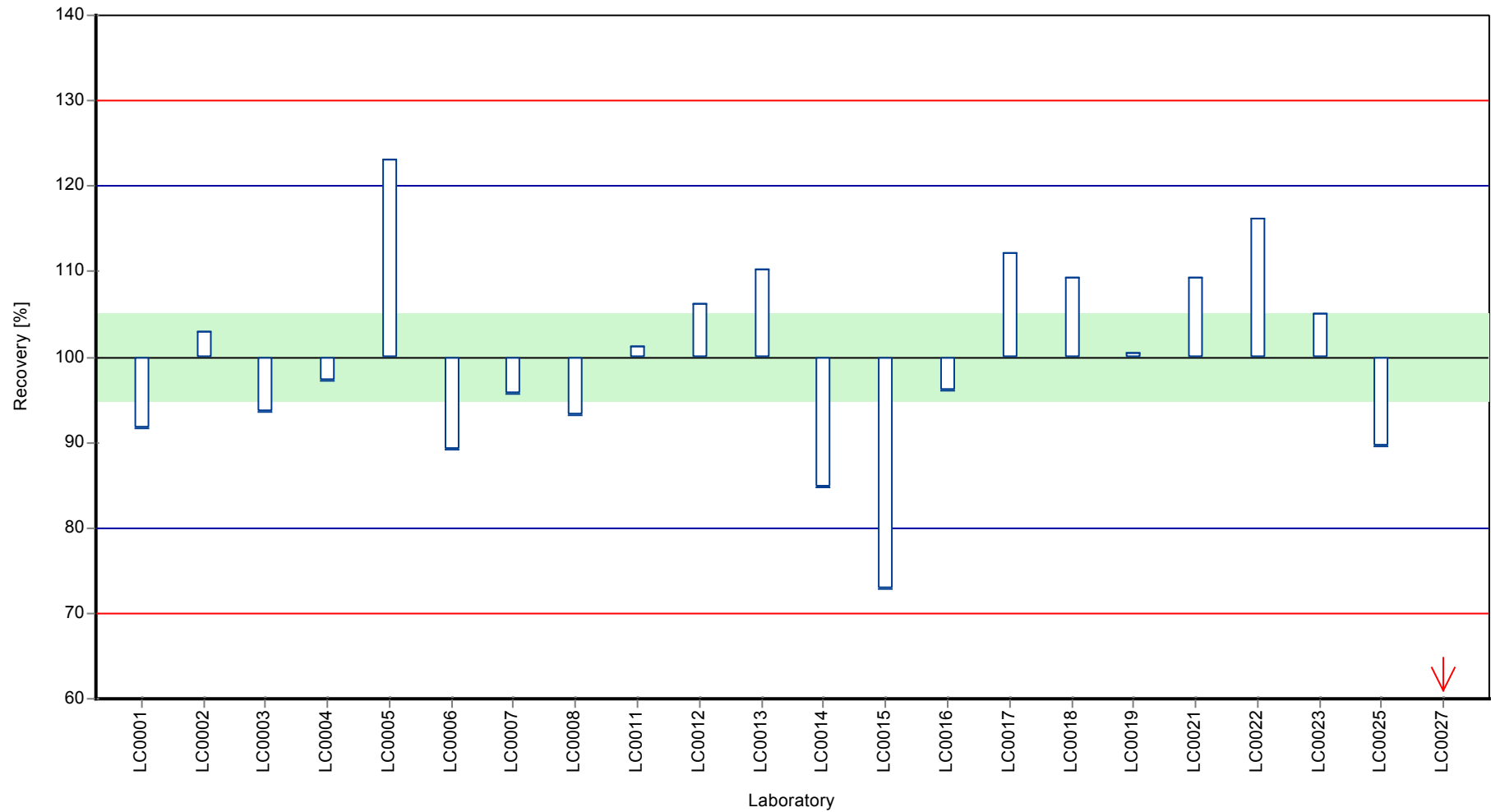
	all results	without outliers	Unit
Mean ± CI (99%)	0.24 ± 0.0269	0.247 ± 0.0188	µg/l
Minimum	0.1	0.18	µg/l
Maximum	0.304	0.304	µg/l
Standard deviation	0.042	0.0287	µg/l
rel. standard deviation	17.5	11.6 %	
n	22	21	-

Graphical presentation of results

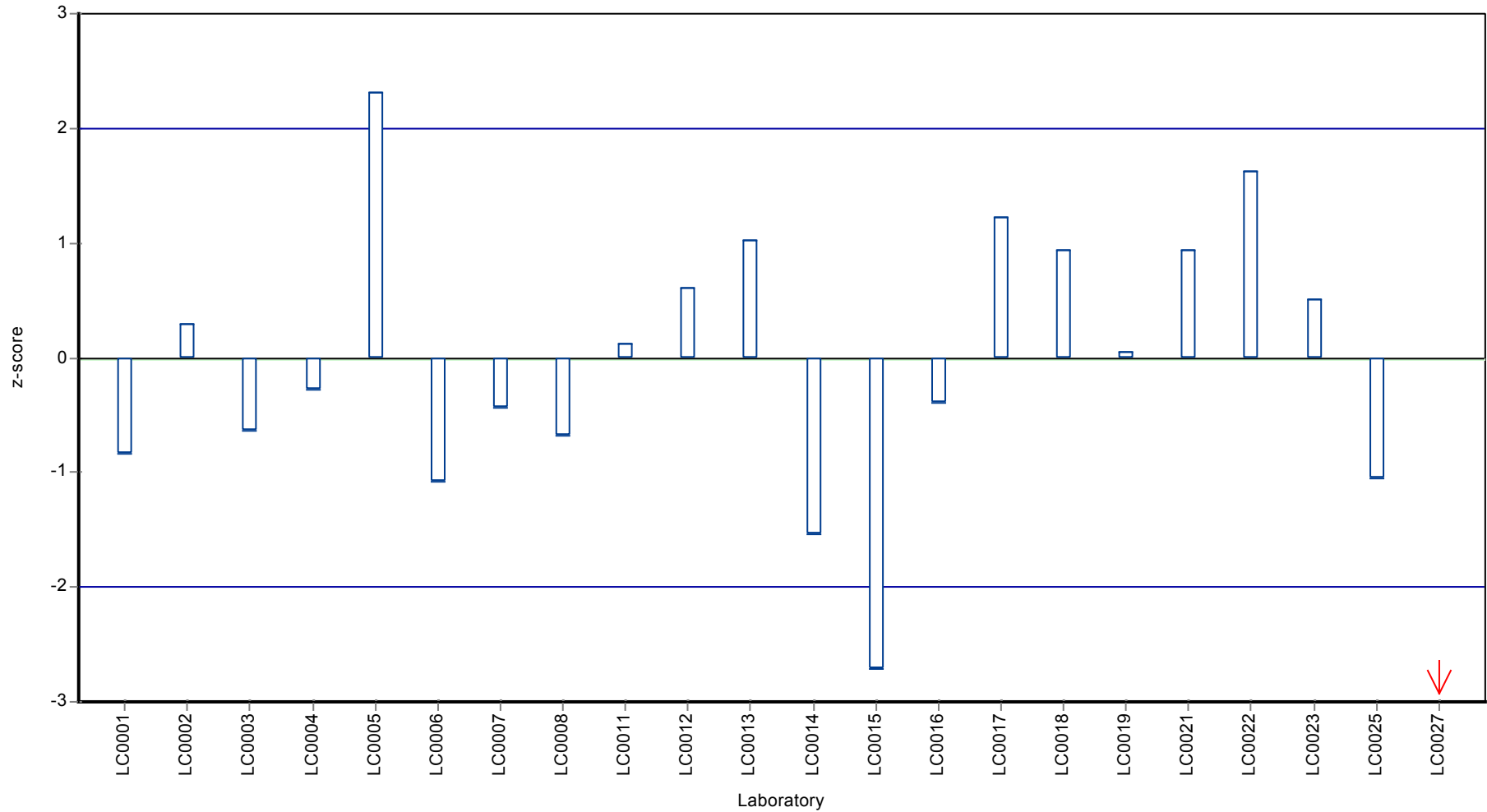
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Atrazine-desethyl

Unit	µg/l
Assigned value ± U (k=2)	0.105 ± 0.00538
Criterion	0.0126 (12 %)
Minimum - Maximum	0.083 - 0.129
Control test value ± U (k=2)	0.115 ± 0.0173

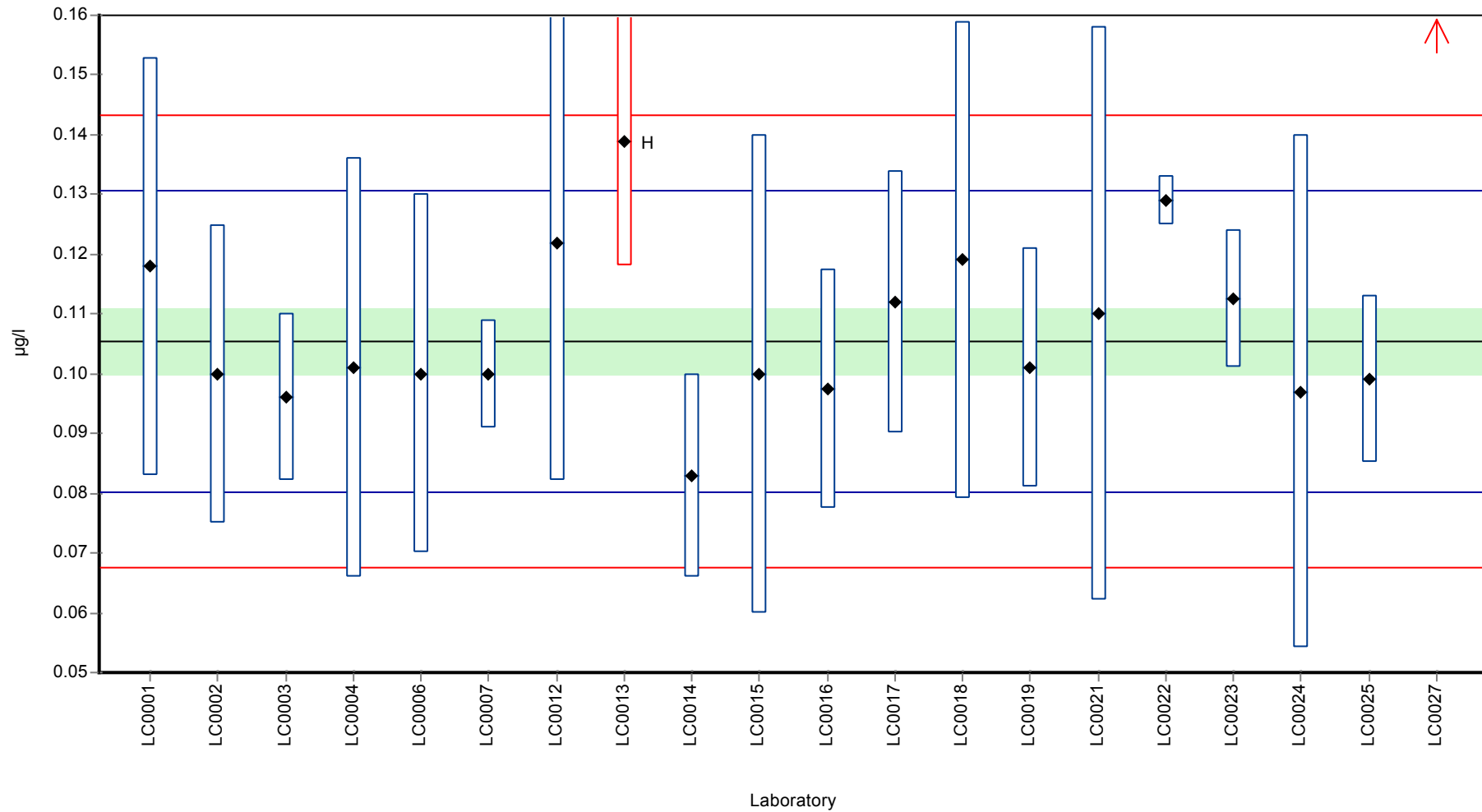
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.118	0.035	112	1	
LC0002	0.1	0.025	94.9	-0.43	
LC0003	0.096	0.014	91.1	-0.74	
LC0004	0.101	0.035	95.8	-0.35	
LC0005	-	-	-	-	
LC0006	0.1	0.03	94.9	-0.43	
LC0007	0.1	0.009	94.9	-0.43	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.122	0.04	116	1.31	
LC0013	0.139	0.021	132	2.66	H
LC0014	0.083	0.017	78.8	-1.77	
LC0015	0.1	0.04	94.9	-0.43	
LC0016	0.0974	0.02	92.4	-0.63	
LC0017	0.112	0.022	106	0.52	
LC0018	0.119	0.04	113	1.08	
LC0019	0.101	0.02	95.8	-0.35	
LC0020	-	-	-	-	
LC0021	0.11	0.048	104	0.36	
LC0022	0.129	0.004	122	1.87	
LC0023	0.1125	0.01146	107	0.56	
LC0024	0.097	0.043	92	-0.66	
LC0025	0.099	0.014	93.9	-0.51	
LC0026	-	-	-	-	
LC0027	0.307	0.154	291	15.9	H

Characteristics of parameter

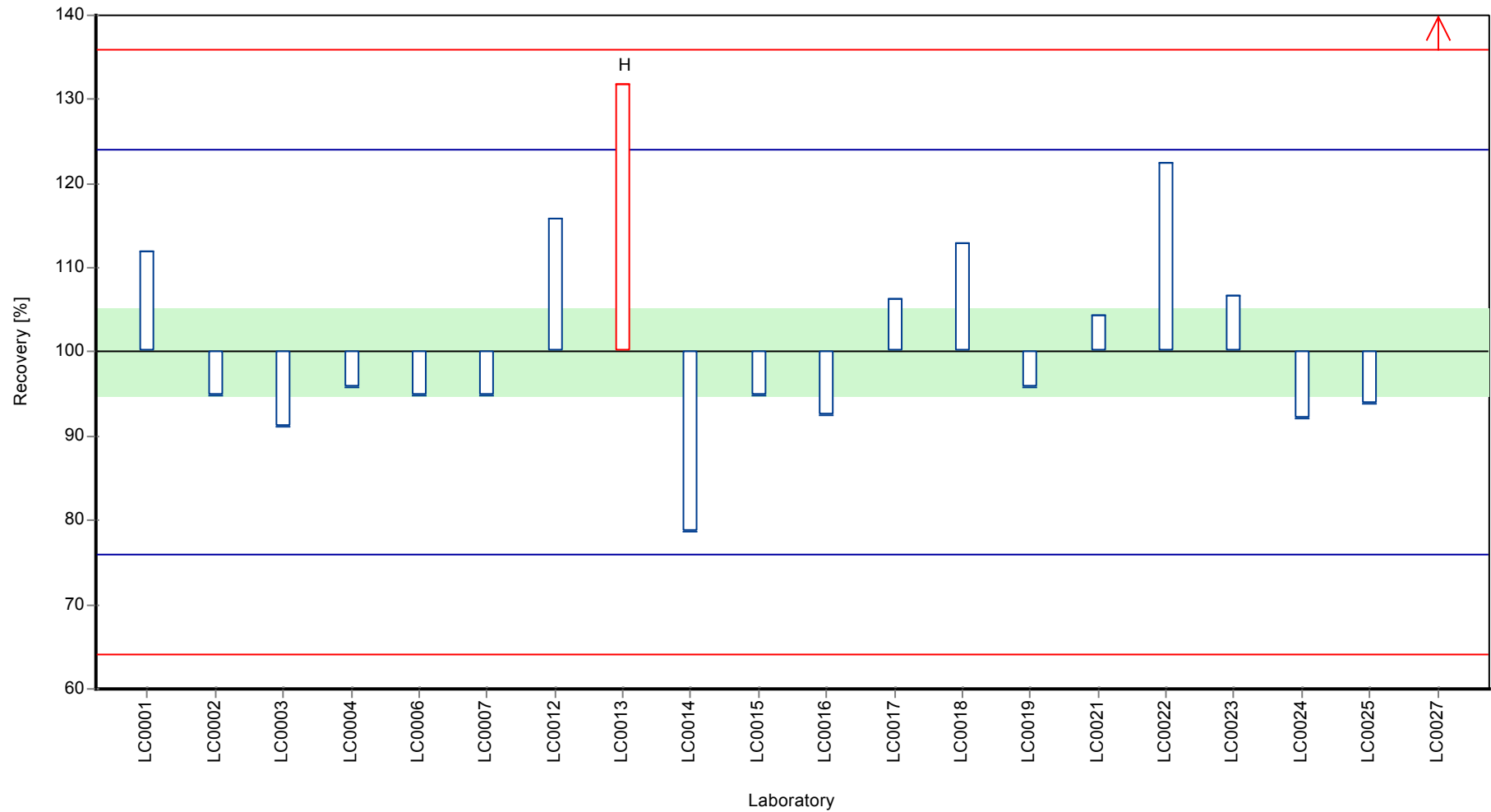
	all results	without outliers	Unit
Mean ± CI (99%)	0.117 ± 0.0312	0.105 ± 0.00807	µg/l
Minimum	0.083	0.083	µg/l
Maximum	0.307	0.129	µg/l
Standard deviation	0.0466	0.0114	µg/l
rel. standard deviation	39.8	10.8	%
n	20	18	-

Graphical presentation of results

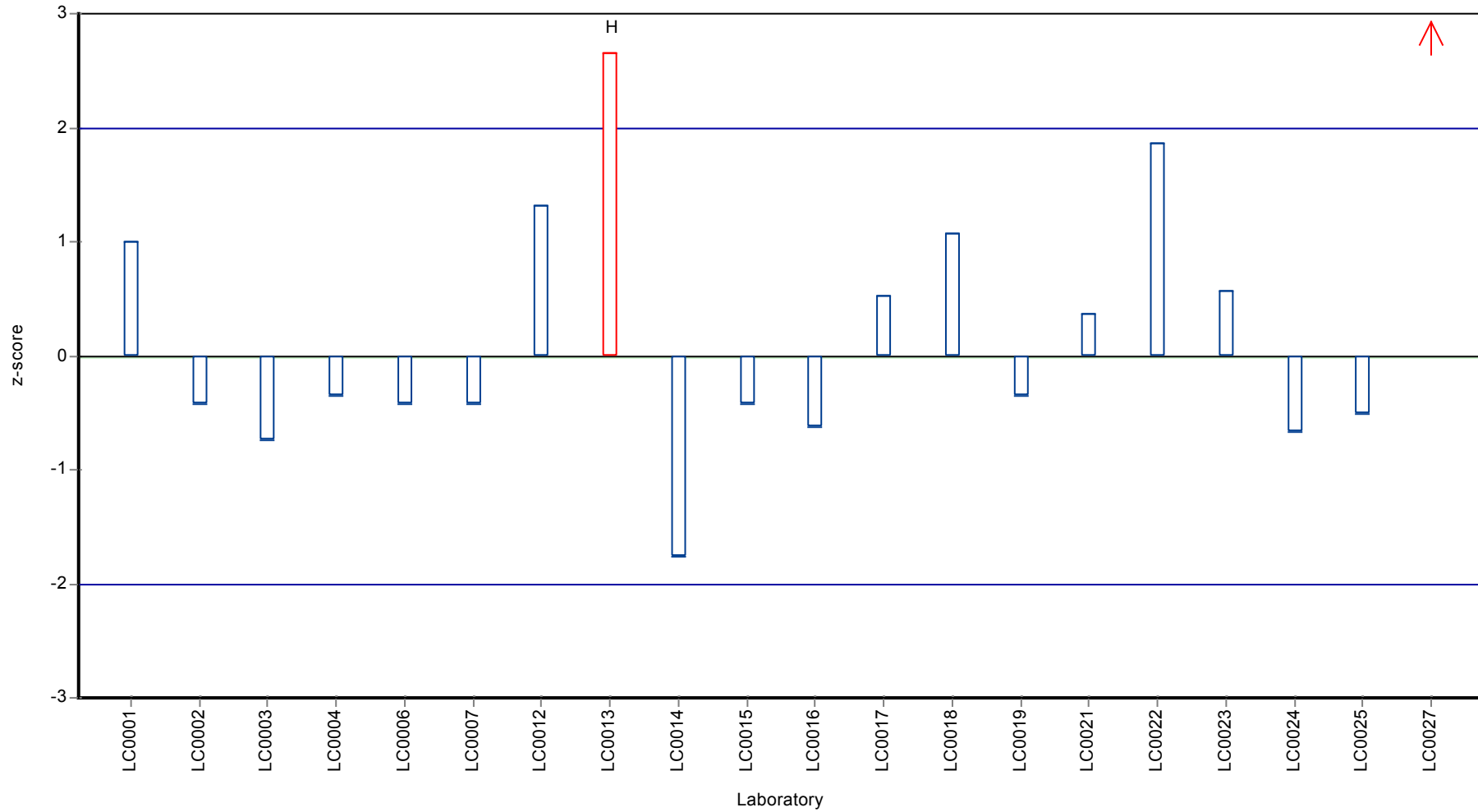
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Atrazine-desethyl

Unit	µg/l
Assigned value ± U (k=2)	0.6 ± 0.0378
Criterion	0.072 (12 %)
Minimum - Maximum	0.43 - 0.781
Control test value ± U (k=2)	0.667 ± 0.1

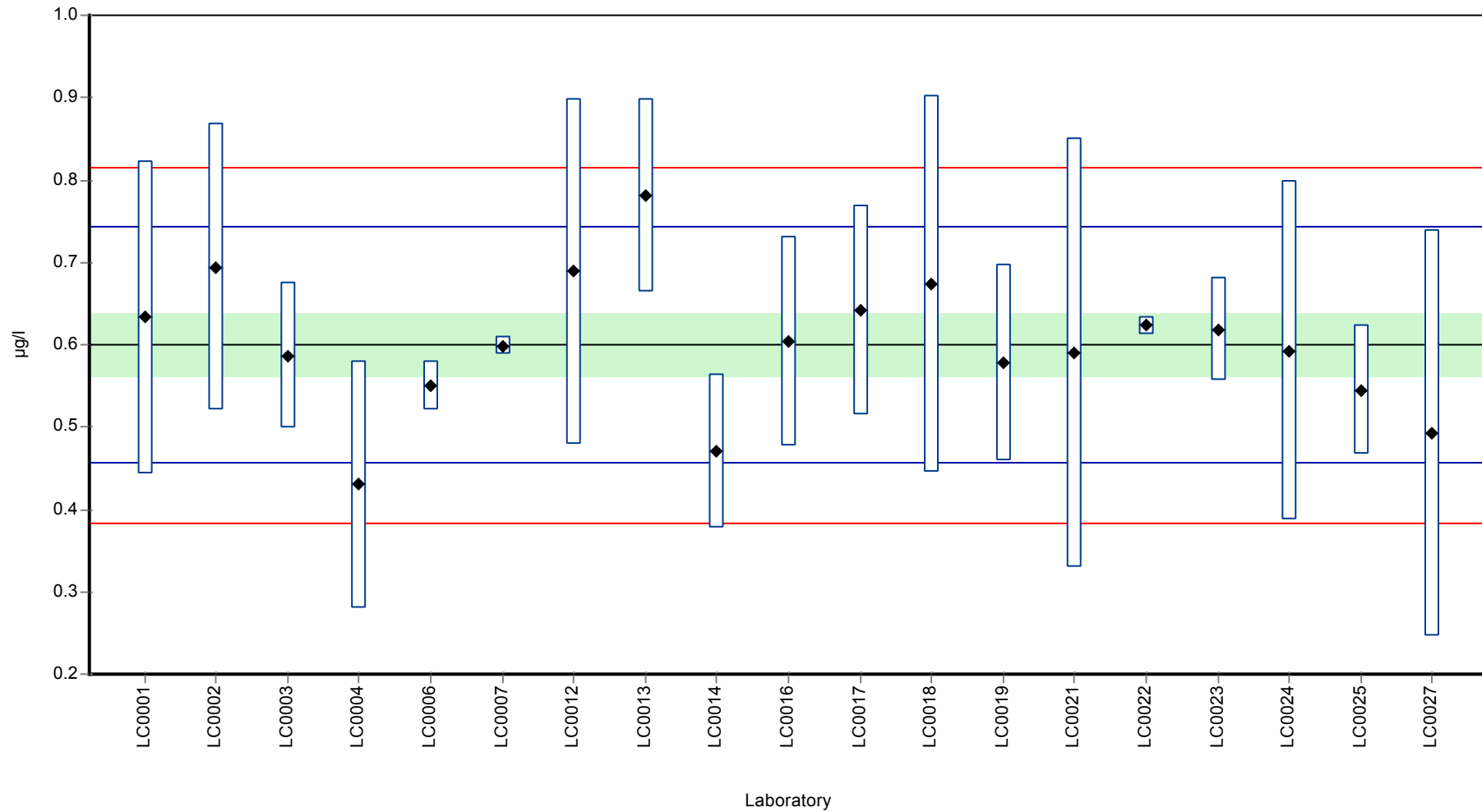
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.633	0.19	106	0.46	
LC0002	0.694	0.174	116	1.31	
LC0003	0.587	0.088	97.9	-0.18	
LC0004	0.43	0.15	71.7	-2.36	
LC0005	-	-	-	-	
LC0006	0.55	0.03	91.7	-0.69	
LC0007	0.599	0.01	99.9	-0.01	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.689	0.21	115	1.24	
LC0013	0.781	0.117	130	2.52	
LC0014	0.471	0.094	78.5	-1.79	
LC0015	-	-	-	-	
LC0016	0.604	0.127	101	0.06	
LC0017	0.642	0.128	107	0.59	
LC0018	0.673	0.229	112	1.02	
LC0019	0.578	0.12	96.4	-0.3	
LC0020	-	-	-	-	
LC0021	0.59	0.26	98.4	-0.13	
LC0022	0.623	0.011	104	0.32	
LC0023	0.6187	0.06304	103	0.26	
LC0024	0.593	0.206	98.9	-0.09	
LC0025	0.545	0.078	90.9	-0.76	
LC0026	-	-	-	-	
LC0027	0.493	0.247	82.2	-1.48	

Characteristics of parameter

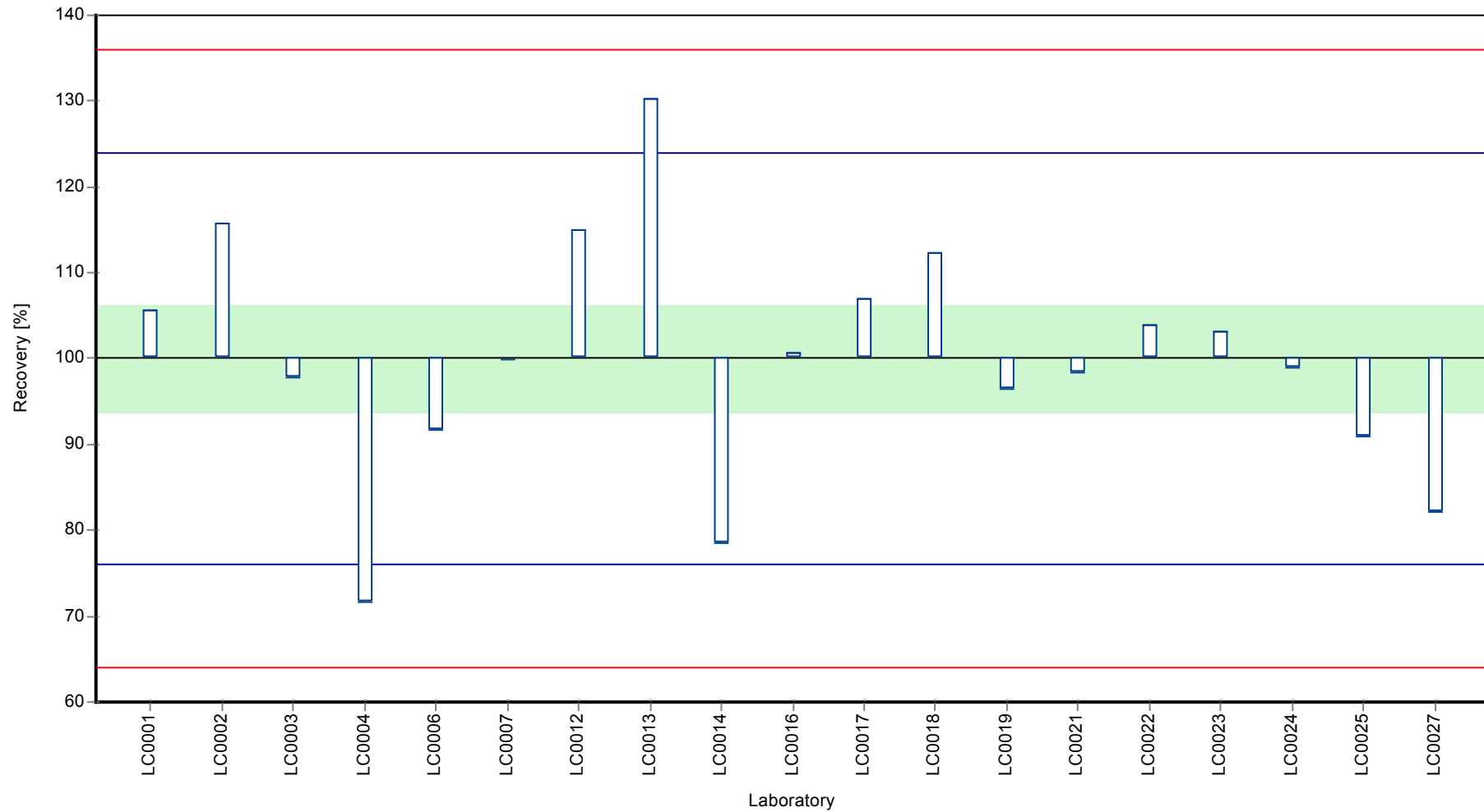
	all results	without outliers	Unit
Mean ± CI (99%)	0.6 ± 0.0566	0.6 ± 0.0566	µg/l
Minimum	0.43	0.43	µg/l
Maximum	0.781	0.781	µg/l
Standard deviation	0.0823	0.0823	µg/l
rel. standard deviation	13.7	13.7	%
n	19	19	-

Graphical presentation of results

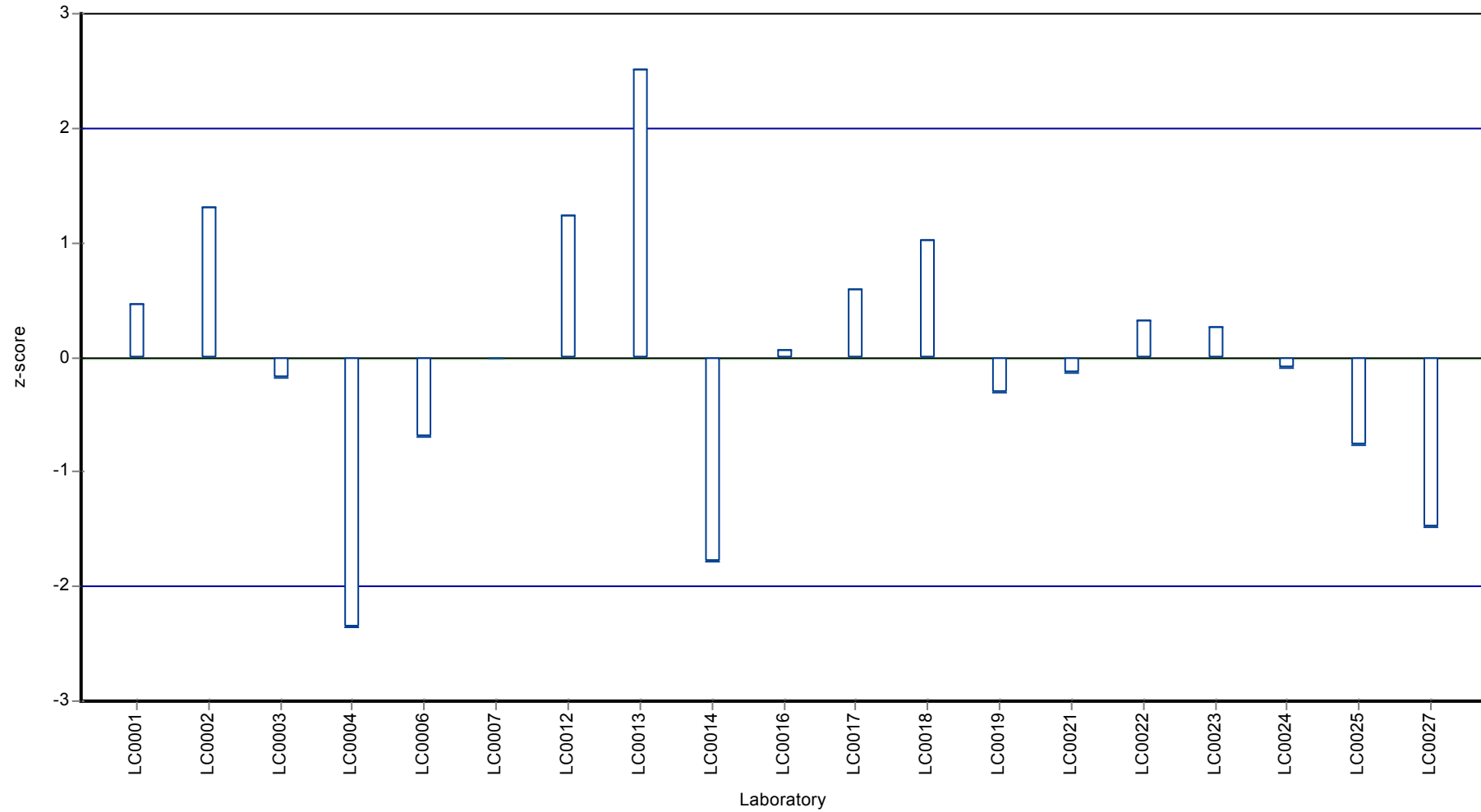
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Atrazine-desisopropyl

Unit	µg/l
Assigned value ± U (k=2)	0.109 ± 0.00703
Criterion	0.0142 (13 %)
Minimum - Maximum	0.087 - 0.136
Control test value ± U (k=2)	0.143 ± 0.0214

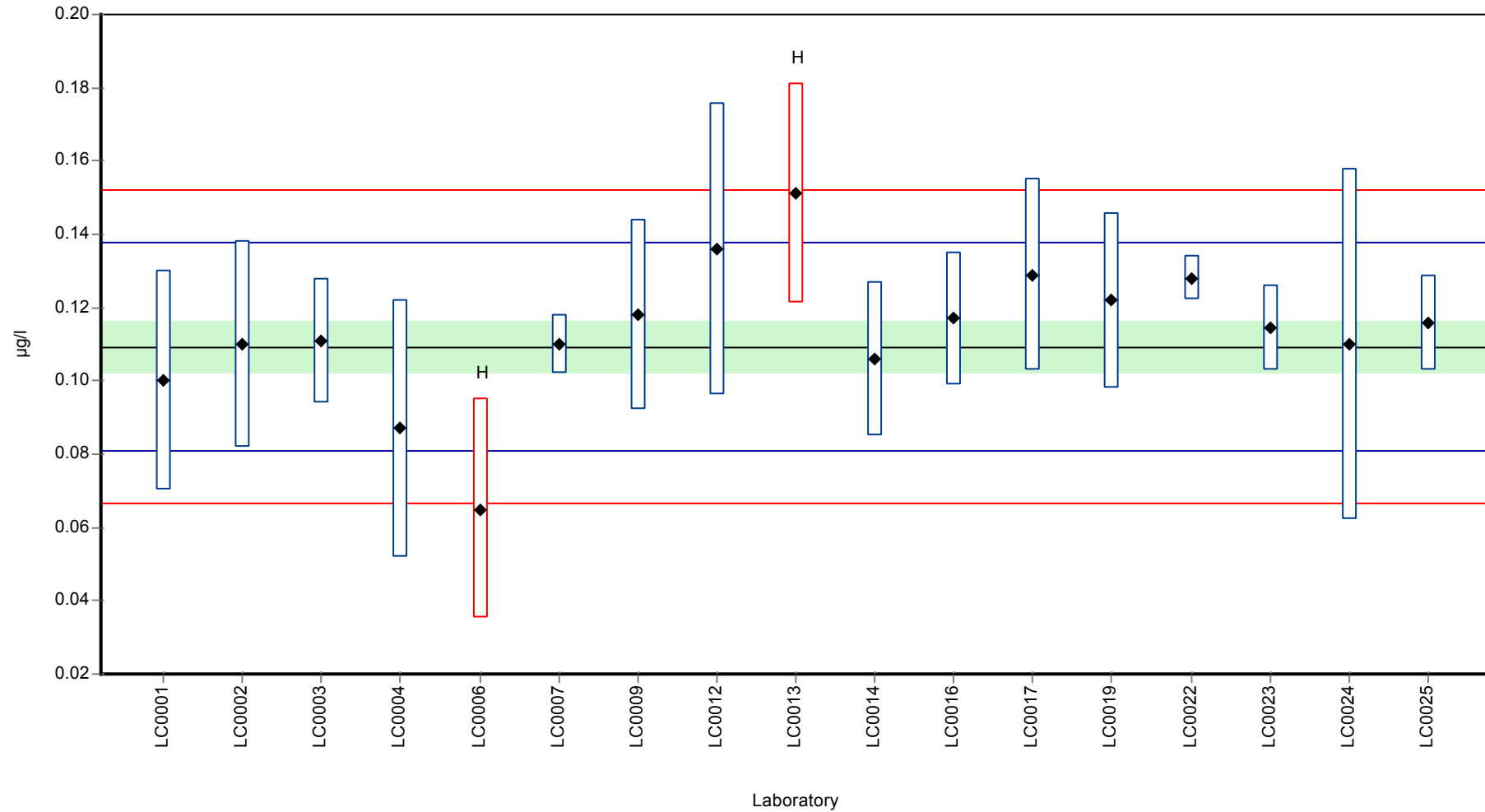
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.1	0.03	91.5	-0.65	
LC0002	0.11	0.028	101	0.05	
LC0003	0.111	0.017	102	0.12	
LC0004	0.087	0.035	79.6	-1.57	
LC0005	-	-	-	-	
LC0006	0.065	0.03	59.5	-3.12	H
LC0007	0.11	0.008	101	0.05	
LC0008	-	-	-	-	
LC0009	0.118	0.026	108	0.61	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.136	0.04	124	1.88	
LC0013	0.151	0.03	138	2.94	H
LC0014	0.106	0.021	97	-0.23	
LC0015	-	-	-	-	
LC0016	0.117	0.018	107	0.54	
LC0017	0.129	0.026	118	1.39	
LC0018	-	-	-	-	
LC0019	0.122	0.024	112	0.9	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.128	0.006	117	1.32	
LC0023	0.1144	0.01169	105	0.36	
LC0024	0.11	0.048	101	0.05	
LC0025	0.116	0.013	106	0.47	
LC0026	-	-	-	-	
LC0027	-	-	-	-	

Characteristics of parameter

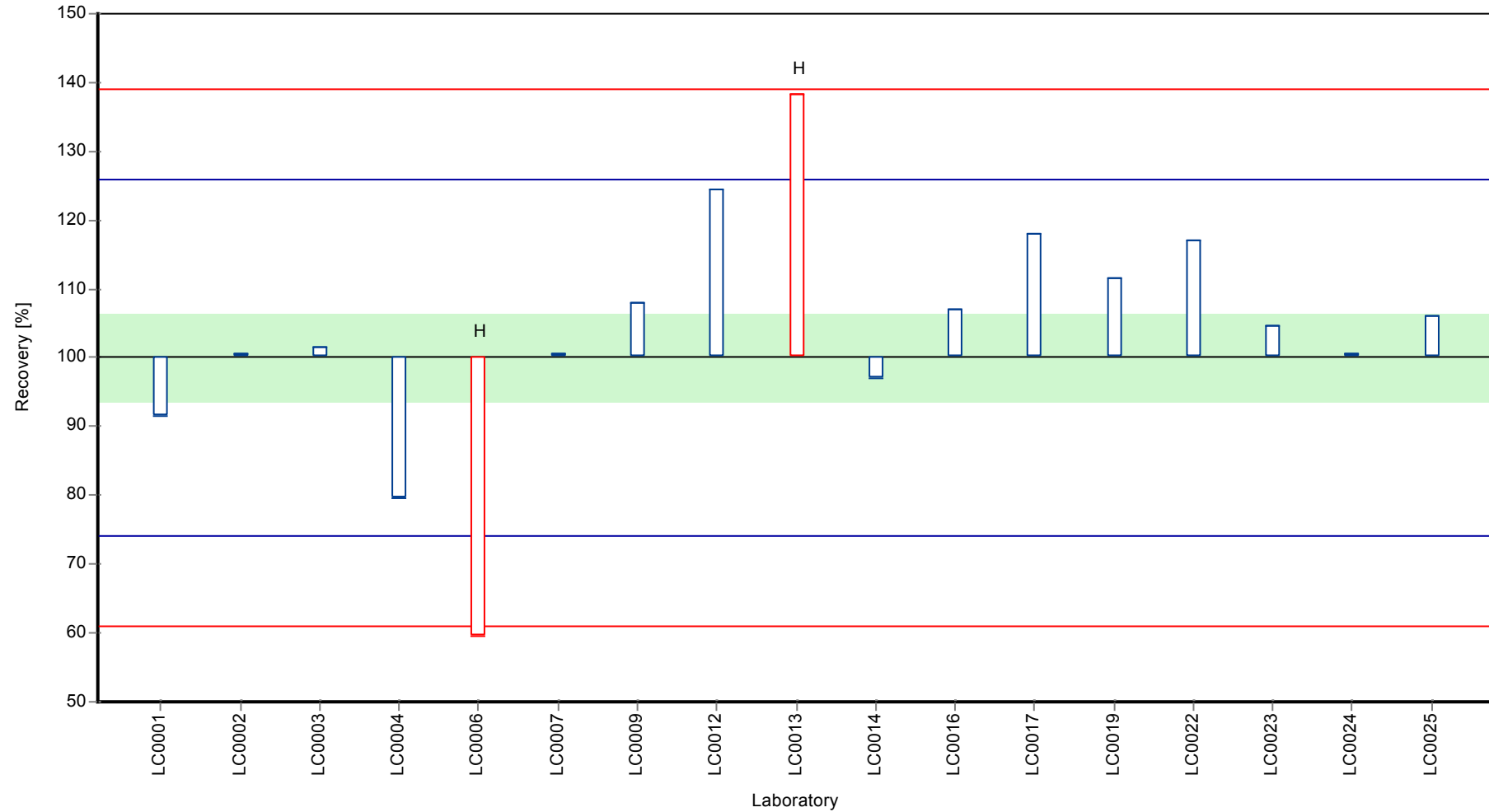
	all results	without outliers	Unit
Mean ± CI (99%)	0.114 ± 0.0139	0.114 ± 0.00936	µg/l
Minimum	0.065	0.087	µg/l
Maximum	0.151	0.136	µg/l
Standard deviation	0.0191	0.0121	µg/l
rel. standard deviation	16.8	10.6	%
n	17	15	-

Graphical presentation of results

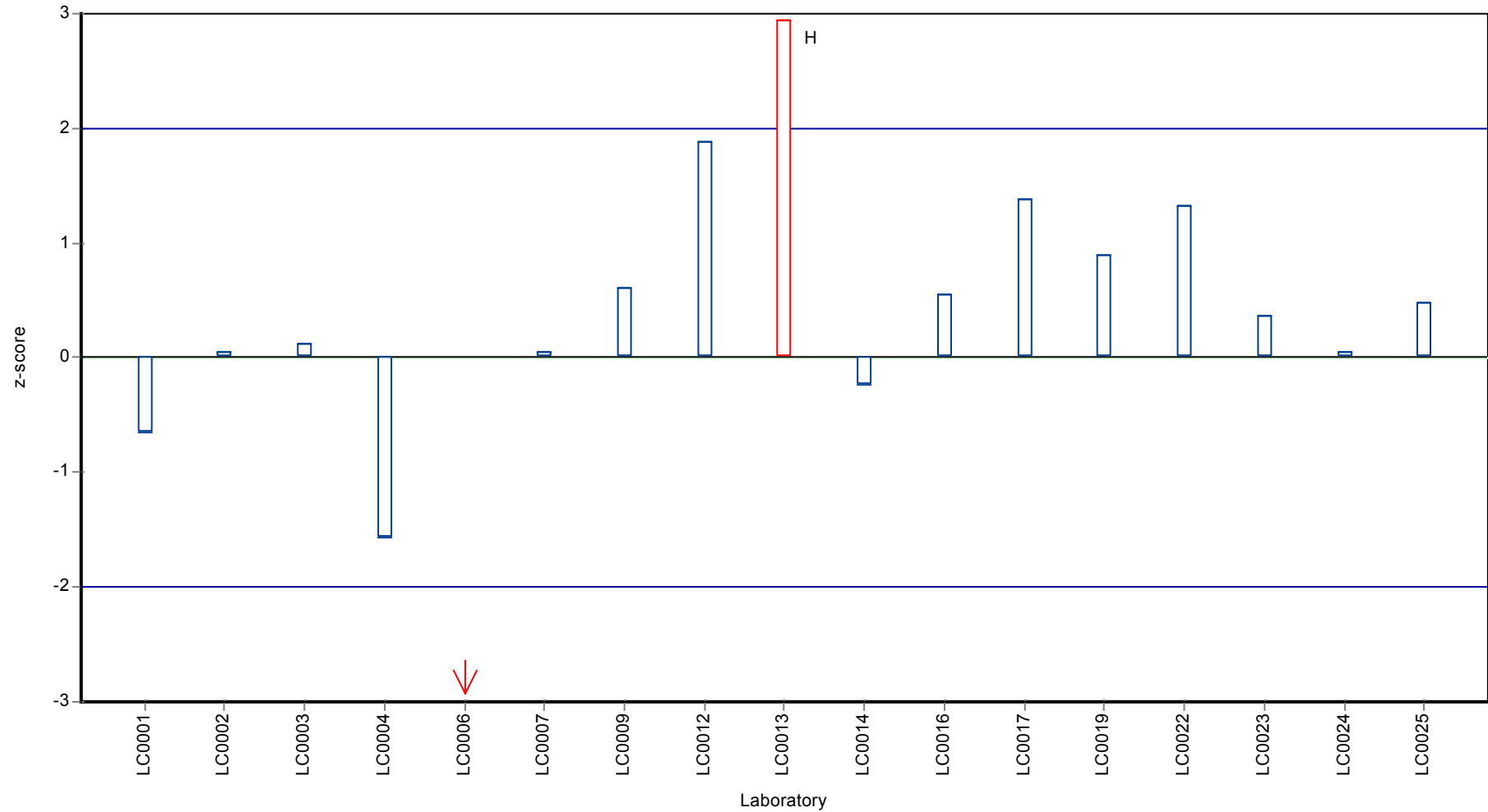
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Atrazine-desisopropyl

Unit	µg/l
Assigned value ± U (k=2)	0.237 ± 0.0116
Criterion	0.0308 (13 %)
Minimum - Maximum	0.211 - 0.284
Control test value ± U (k=2)	0.243 ± 0.0364

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.218	0.065	91.9	-0.62	
LC0002	0.221	0.055	93.2	-0.53	
LC0003	0.235	0.035	99.1	-0.07	
LC0004	0.17	0.066	71.7	-2.18	H
LC0005	-	-	-	-	
LC0006	0.23	0.03	97	-0.23	
LC0007	0.227	0.008	95.7	-0.33	
LC0008	-	-	-	-	
LC0009	0.245	0.054	103	0.25	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.281	0.08	118	1.42	
LC0013	0.284	0.057	120	1.52	
LC0014	0.211	0.042	88.9	-0.85	
LC0015	-	-	-	-	
LC0016	0.253	0.038	107	0.51	
LC0017	0.269	0.054	113	1.03	
LC0018	-	-	-	-	
LC0019	0.23	0.05	97	-0.23	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.222	0.01	93.6	-0.49	
LC0023	0.2315	0.02366	97.6	-0.18	
LC0024	0.227	0.093	95.7	-0.33	
LC0025	0.211	0.024	88.9	-0.85	
LC0026	-	-	-	-	
LC0027	-	-	-	-	

Characteristics of parameter

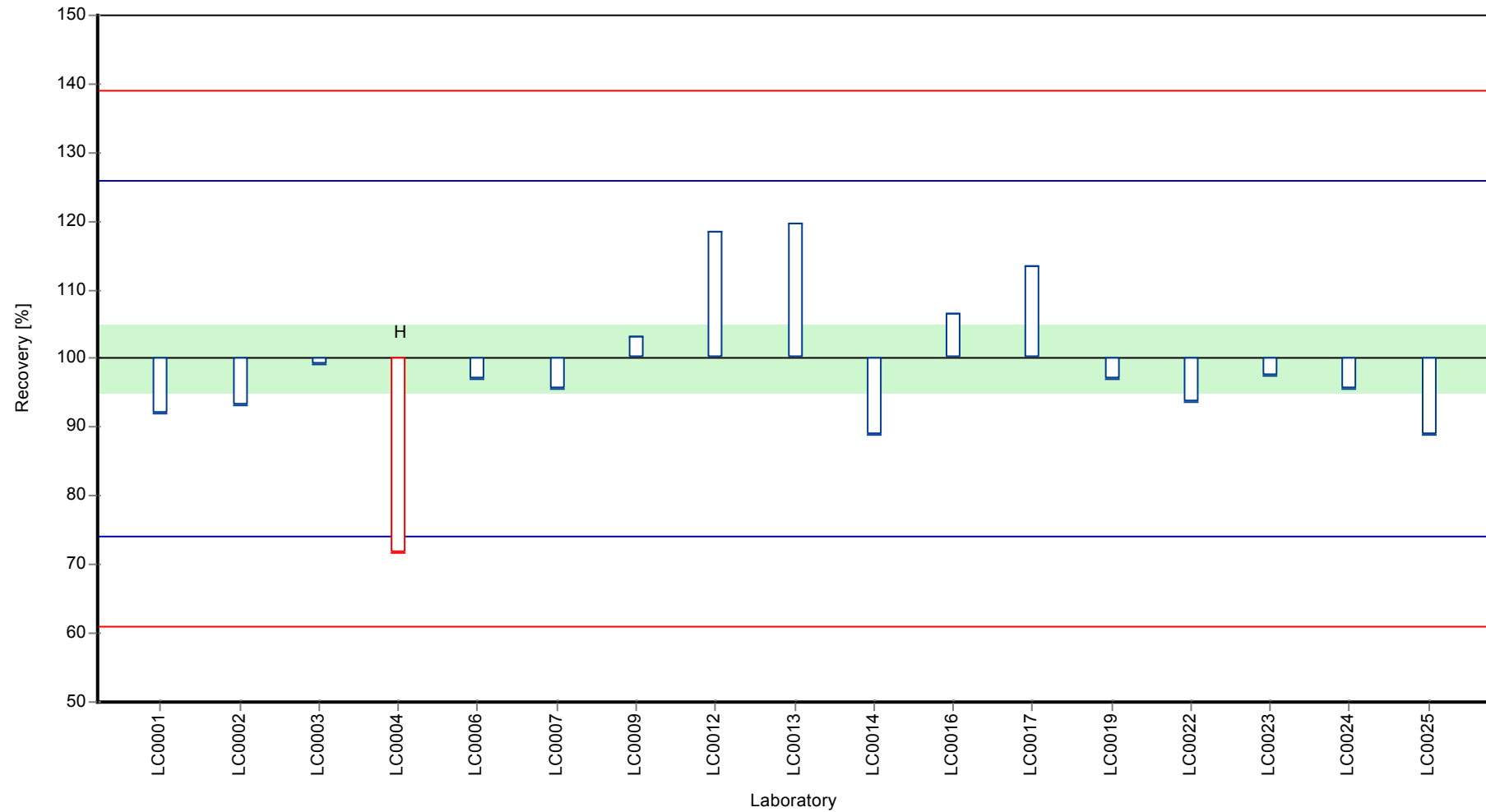
	all results	without outliers	Unit
Mean ± CI (99%)	0.233 ± 0.0201	0.237 ± 0.0173	µg/l
Minimum	0.17	0.211	µg/l
Maximum	0.284	0.284	µg/l
Standard deviation	0.0277	0.0231	µg/l
rel. standard deviation	11.9	9.74	%
n	17	16	-

Graphical presentation of results

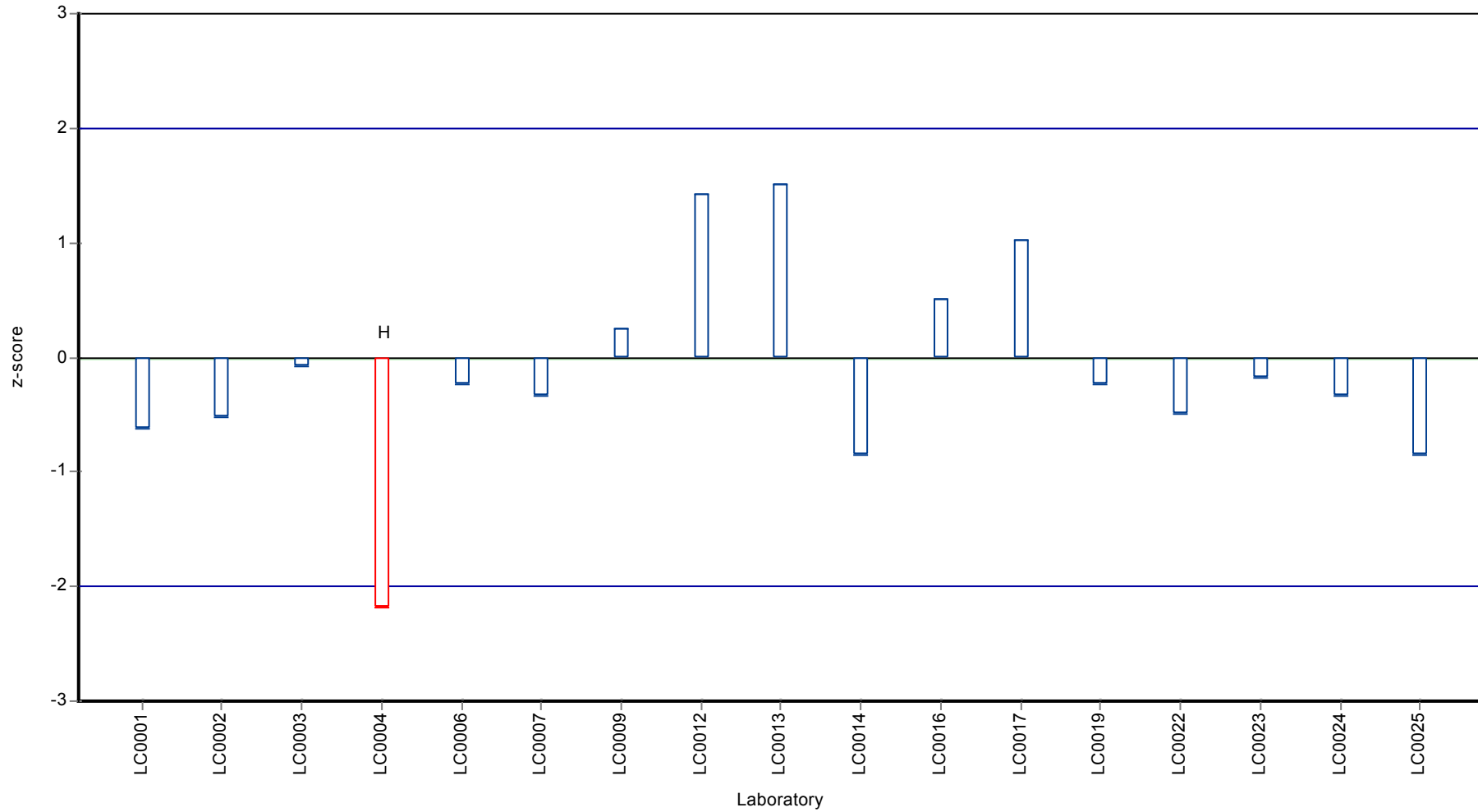
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Bromacil

Unit	µg/l
Assigned value ± U (k=2)	0.123 ± 0.00785
Criterion	0.016 (13 %)
Minimum - Maximum	0.096 - 0.145
Control test value ± U (k=2)	0.135 ± 0.0203

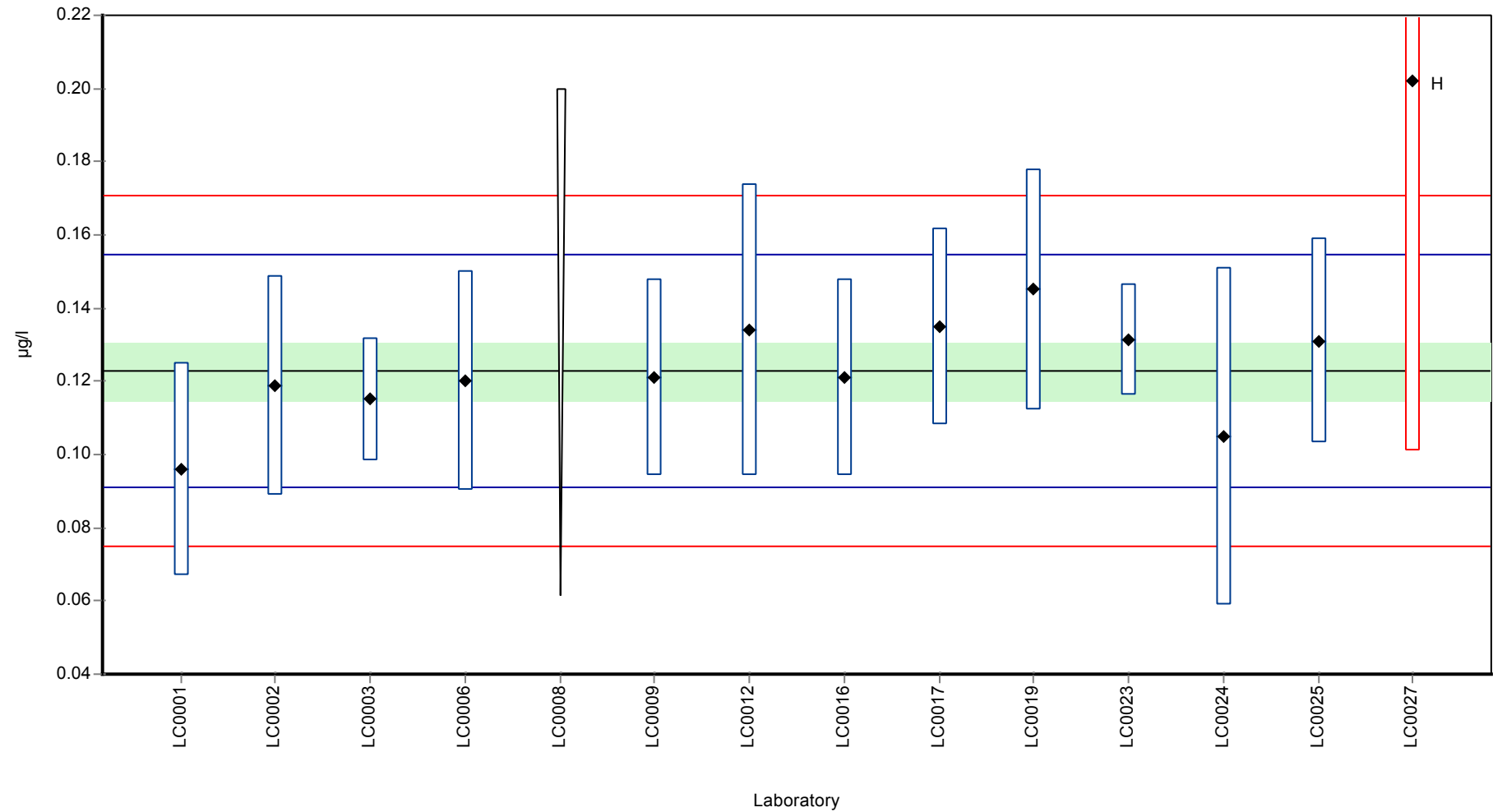
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.096	0.029	78.2	-1.68	
LC0002	0.119	0.03	96.9	-0.24	
LC0003	0.115	0.017	93.7	-0.49	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.12	0.03	97.7	-0.17	
LC0007	-	-	-	-	
LC0008	< 0.2 (LOQ)	-	-	-	
LC0009	0.121	0.027	98.6	-0.11	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.134	0.04	109	0.7	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.121	0.027	98.6	-0.11	
LC0017	0.135	0.027	110	0.77	
LC0018	-	-	-	-	
LC0019	0.145	0.033	118	1.39	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.1313	0.01514	107	0.53	
LC0024	0.105	0.046	85.5	-1.11	
LC0025	0.131	0.028	107	0.52	
LC0026	-	-	-	-	
LC0027	0.202	0.101	165	4.96	H

Characteristics of parameter

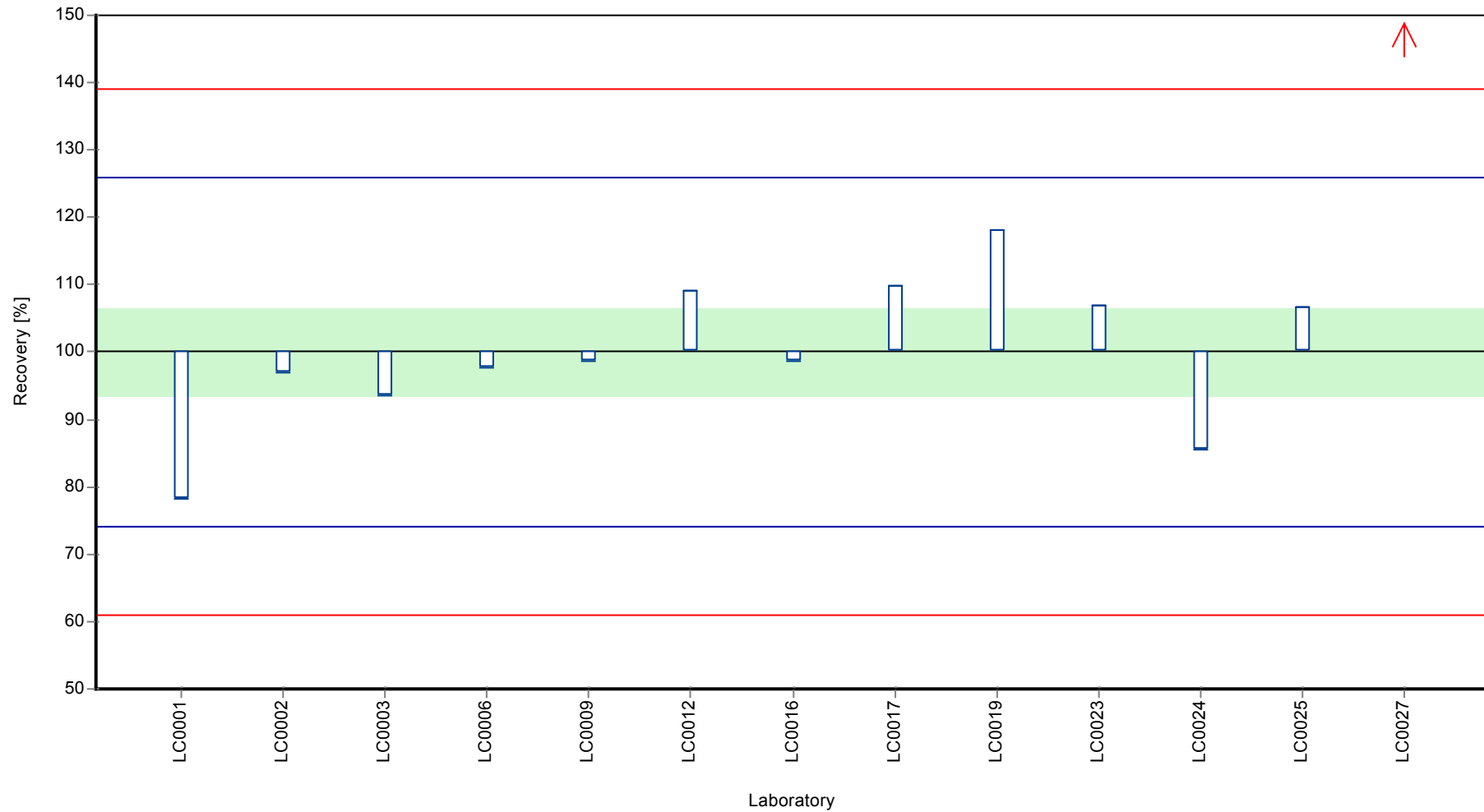
	all results	without outliers	Unit
Mean ± CI (99%)	0.129 ± 0.0212	0.123 ± 0.0118	µg/l
Minimum	0.096	0.096	µg/l
Maximum	0.202	0.145	µg/l
Standard deviation	0.0255	0.0136	µg/l
rel. standard deviation	19.8	11.1	%
n	13	12	-

Graphical presentation of results

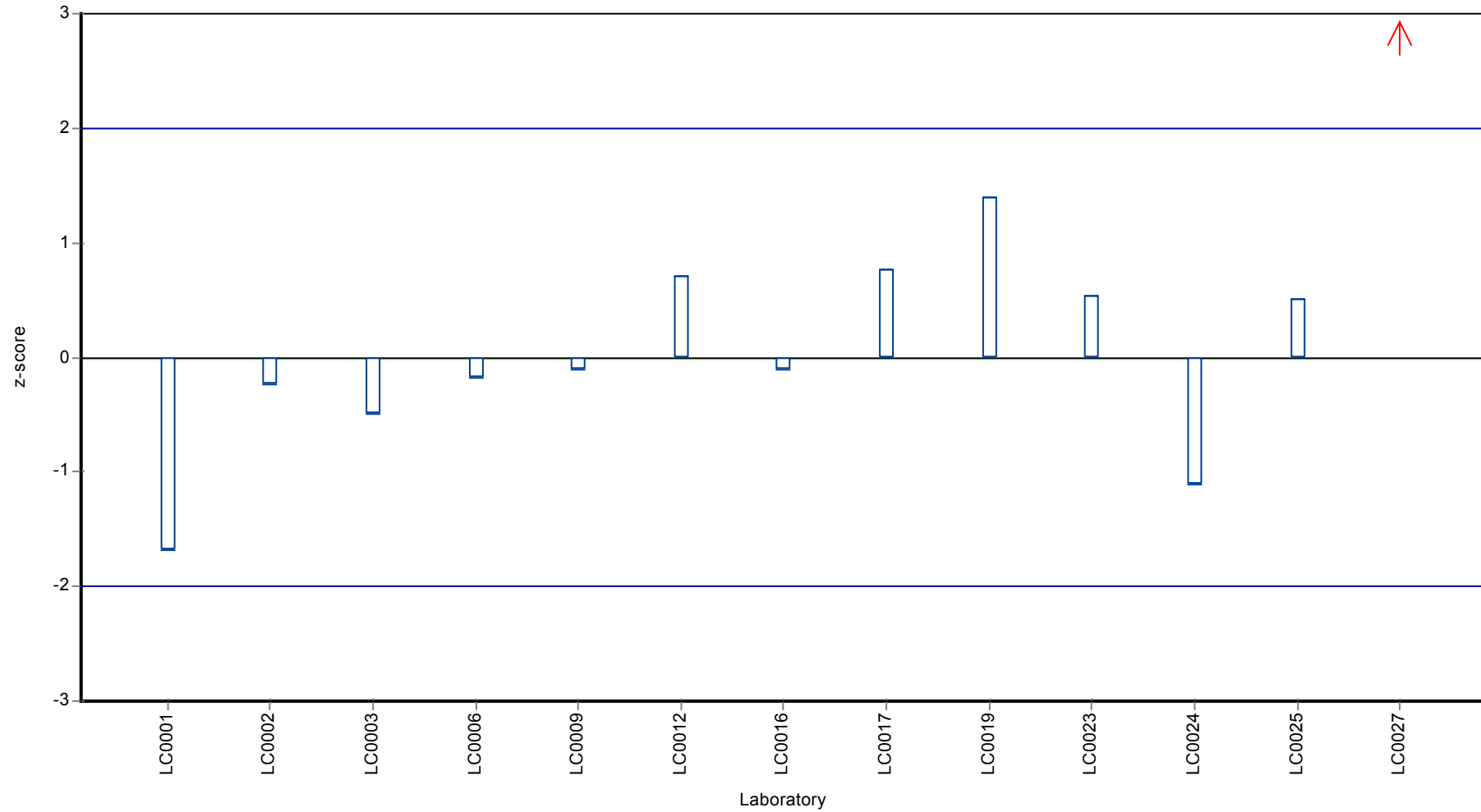
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Bromacil

Unit	µg/l
Assigned value ± U (k=2)	0.239 ± 0.0173
Criterion	0.0311 (13 %)
Minimum - Maximum	0.165 - 0.295
Control test value ± U (k=2)	0.25 ± 0.0376

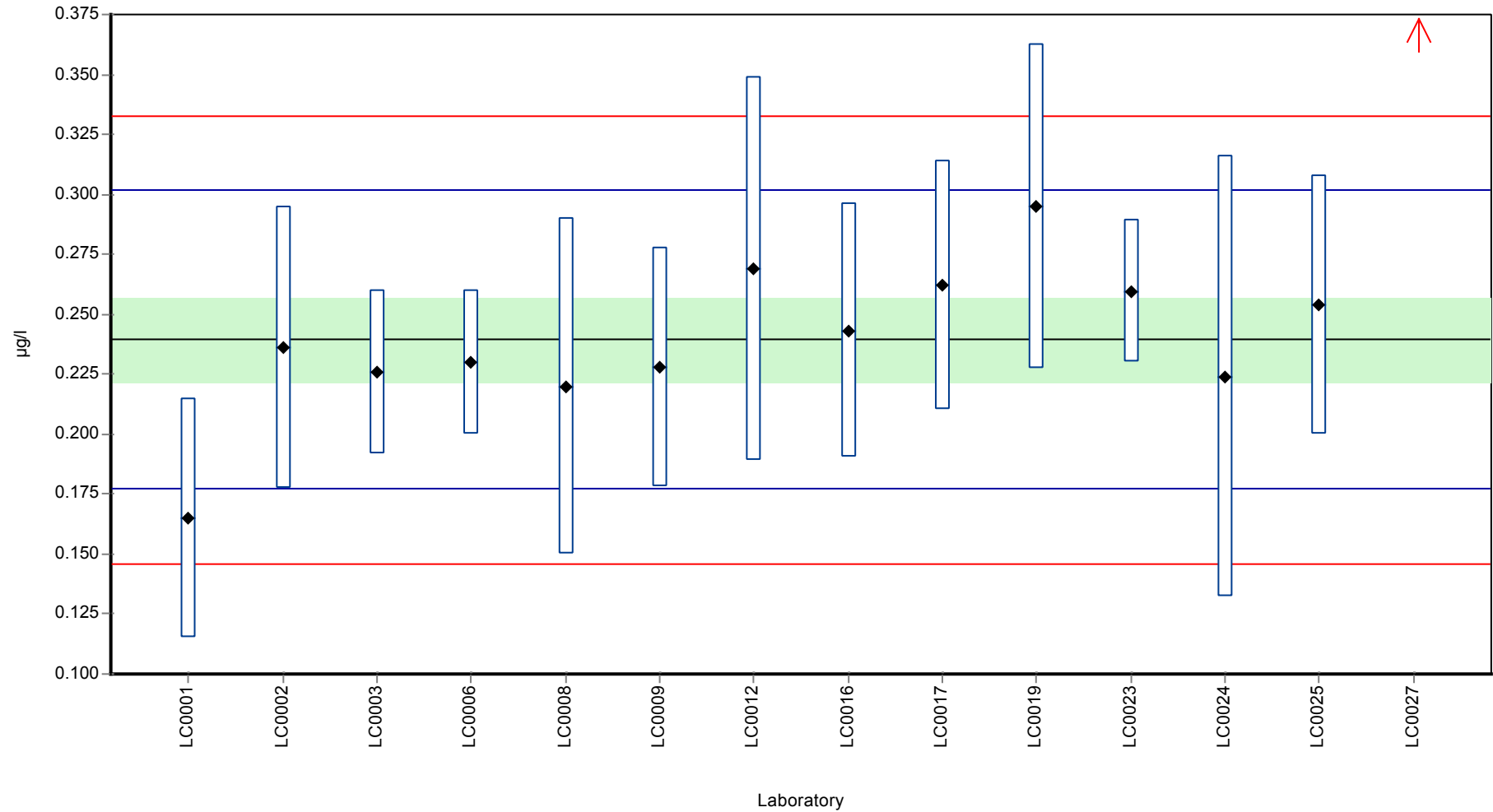
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.165	0.05	68.9	-2.39	
LC0002	0.236	0.059	98.6	-0.11	
LC0003	0.226	0.034	94.4	-0.43	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.23	0.03	96.1	-0.3	
LC0007	-	-	-	-	
LC0008	0.22	0.07	91.9	-0.62	
LC0009	0.228	0.05	95.3	-0.36	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.269	0.08	112	0.95	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.243	0.053	102	0.12	
LC0017	0.262	0.052	109	0.73	
LC0018	-	-	-	-	
LC0019	0.295	0.068	123	1.79	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.2596	0.02993	108	0.65	
LC0024	0.224	0.092	93.6	-0.49	
LC0025	0.254	0.054	106	0.47	
LC0026	-	-	-	-	
LC0027	0.5	0.25	209	8.37	H

Characteristics of parameter

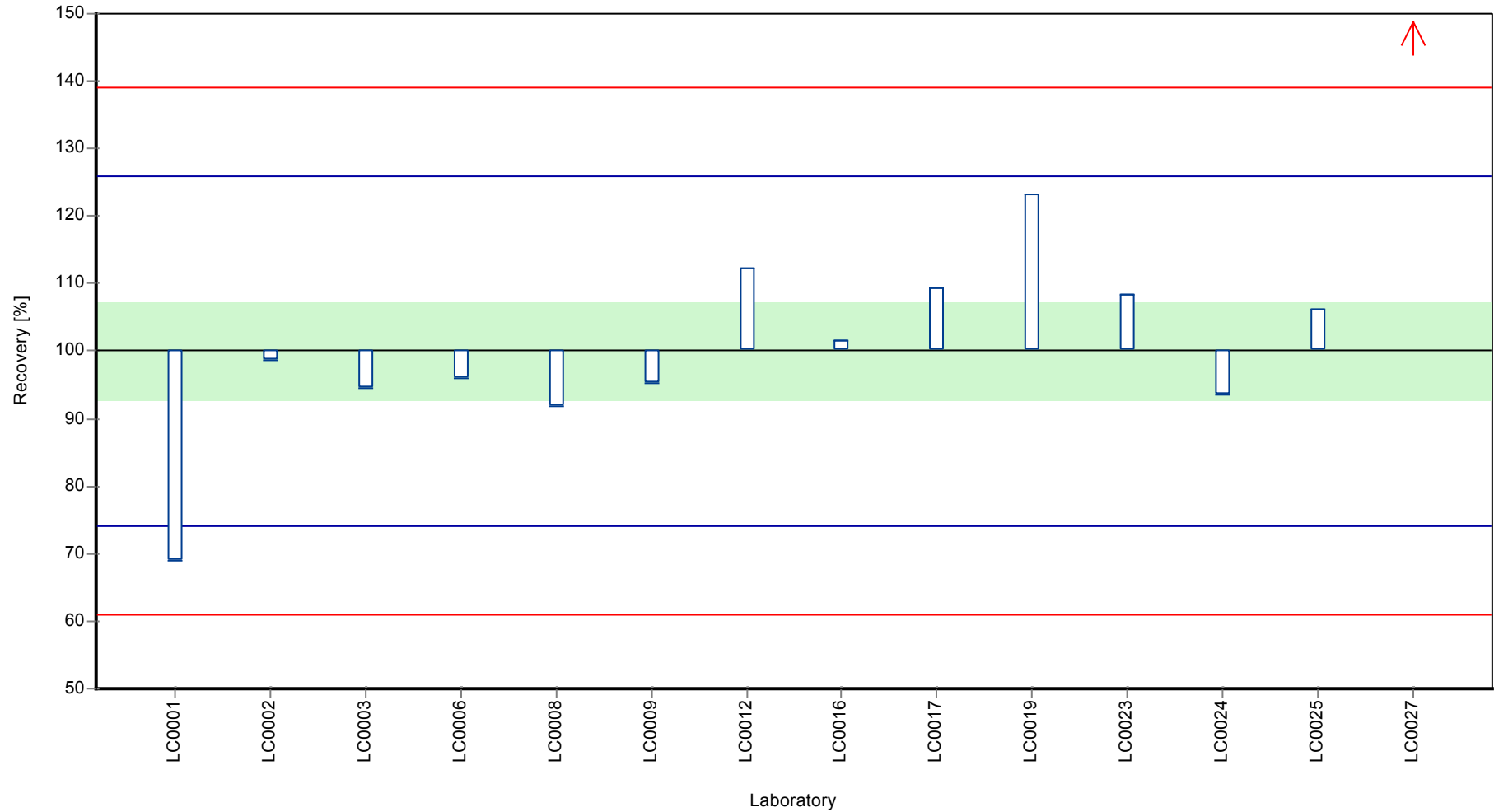
	all results	without outliers	Unit
Mean ± CI (99%)	0.258 ± 0.0608	0.239 ± 0.0259	µg/l
Minimum	0.165	0.165	µg/l
Maximum	0.5	0.295	µg/l
Standard deviation	0.0758	0.0312	µg/l
rel. standard deviation	29.4	13 %	
n	14	13	-

Graphical presentation of results

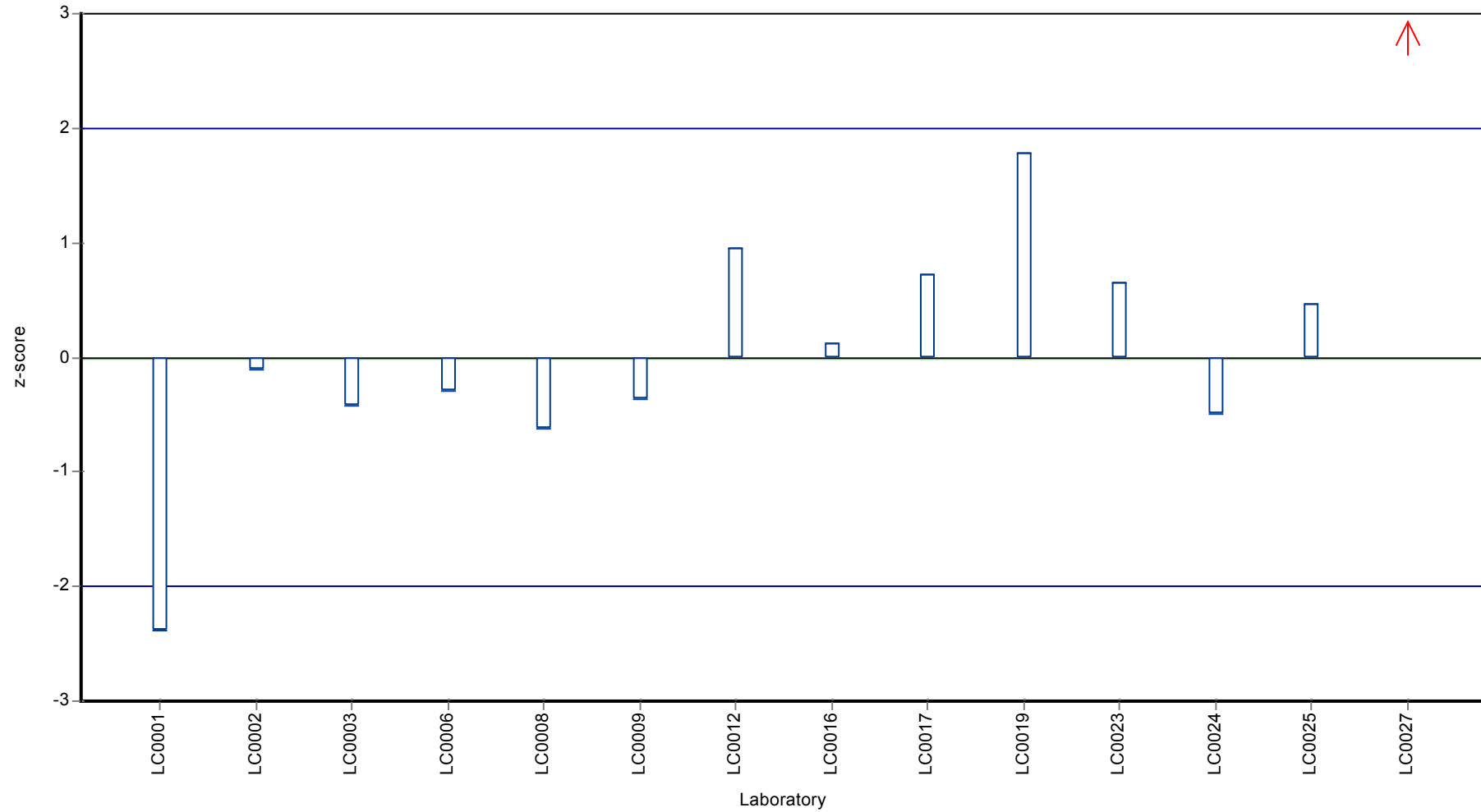
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Clothianidin

Unit	µg/l
Assigned value ± U (k=2)	0.179 ± 0.012
Criterion	0.025 (14 %)
Minimum - Maximum	0.146 - 0.221
Control test value ± U (k=2)	0.186 ± 0.0279

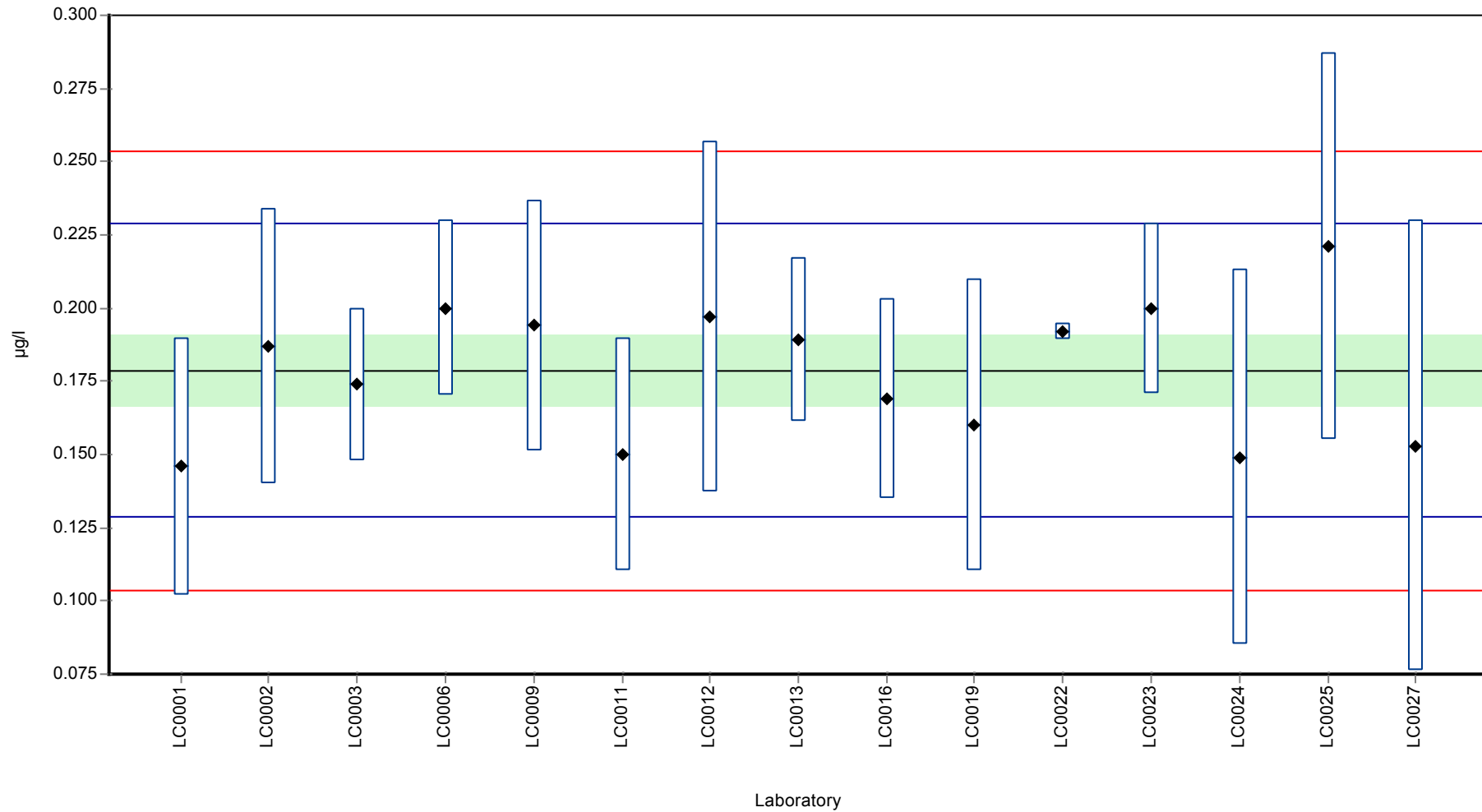
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.146	0.044	81.7	-1.31	
LC0002	0.187	0.047	105	0.33	
LC0003	0.174	0.026	97.4	-0.19	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.2	0.03	112	0.85	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.194	0.043	109	0.61	
LC0010	-	-	-	-	
LC0011	0.15	0.04	83.9	-1.15	
LC0012	0.197	0.06	110	0.73	
LC0013	0.189	0.028	106	0.41	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.169	0.034	94.6	-0.39	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.16	0.05	89.5	-0.75	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.192	0.003	107	0.53	
LC0023	0.1997	0.02909	112	0.84	
LC0024	0.149	0.064	83.4	-1.19	
LC0025	0.221	0.066	124	1.69	
LC0026	-	-	-	-	
LC0027	0.153	0.077	85.6	-1.03	

Characteristics of parameter

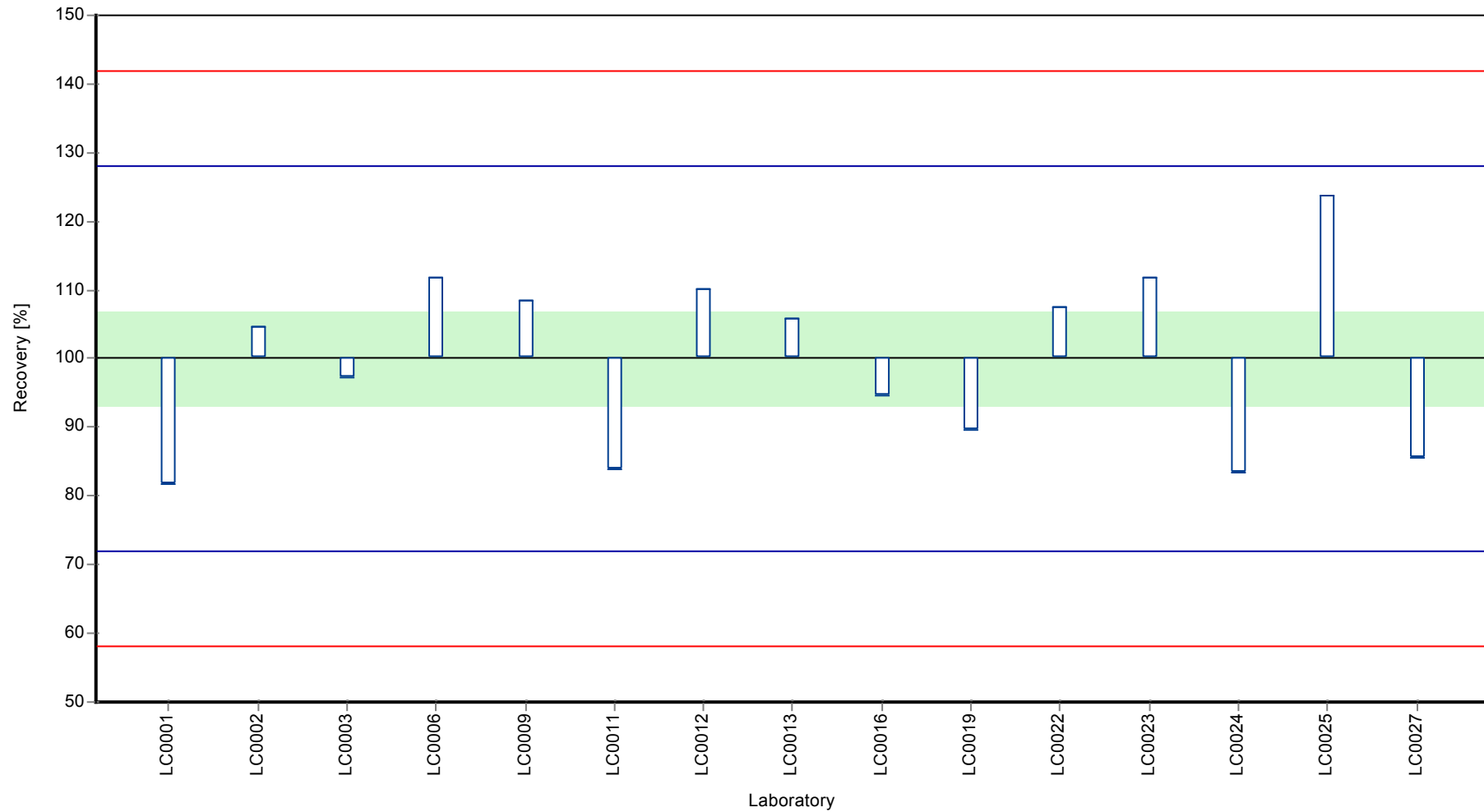
	all results	without outliers	Unit
Mean ± CI (99%)	0.179 ± 0.0179	0.179 ± 0.0179	µg/l
Minimum	0.146	0.146	µg/l
Maximum	0.221	0.221	µg/l
Standard deviation	0.0232	0.0232	µg/l
rel. standard deviation	13	13	%
n	15	15	-

Graphical presentation of results

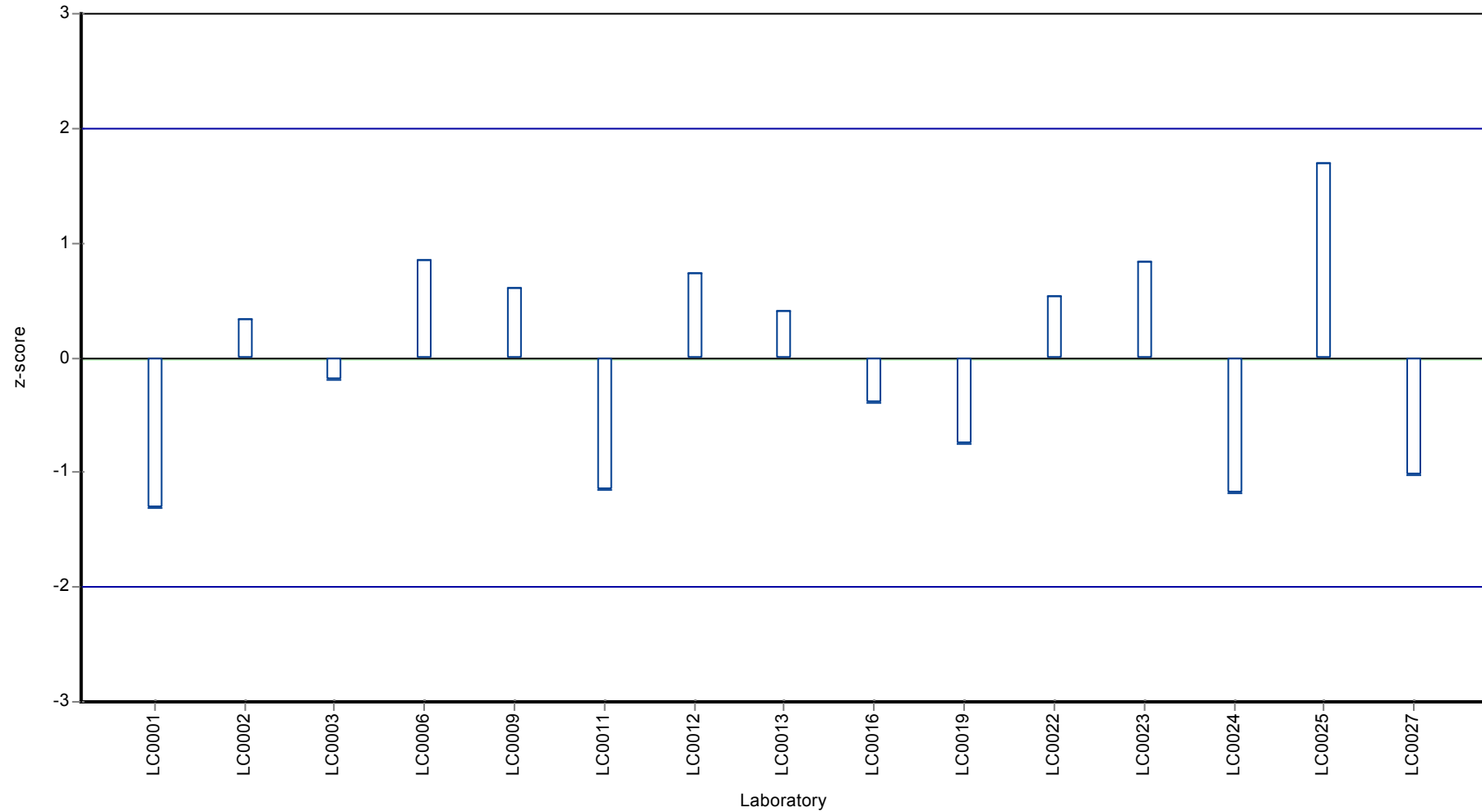
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Clothianidin

Unit	µg/l
Assigned value ± U (k=2)	0.332 ± 0.0177
Criterion	0.0465 (14 %)
Minimum - Maximum	0.26 - 0.37
Control test value ± U (k=2)	0.327 ± 0.049

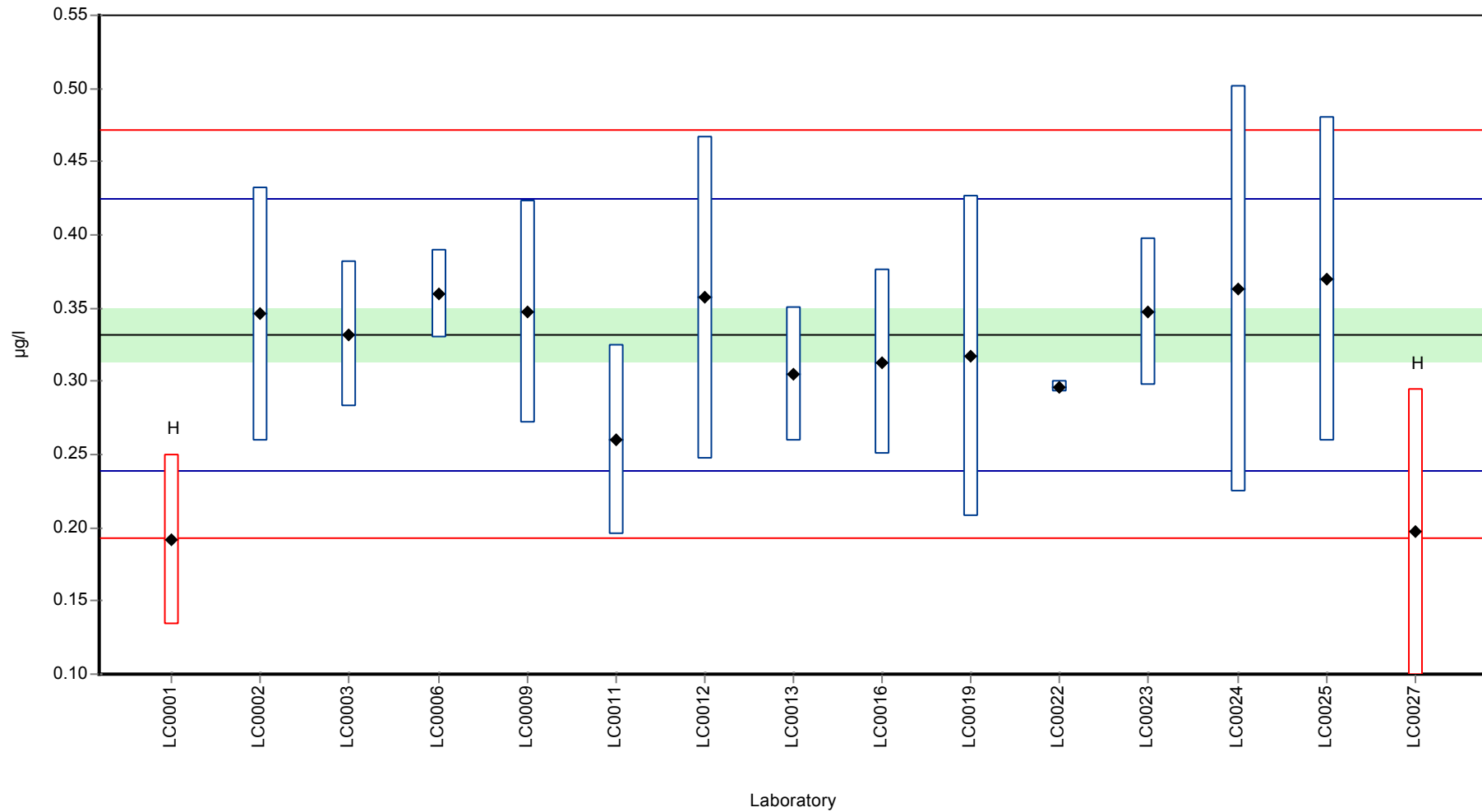
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.192	0.058	57.9	-3.01	H
LC0002	0.346	0.087	104	0.31	
LC0003	0.332	0.05	100	0.00	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.36	0.03	108	0.61	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.347	0.076	105	0.33	
LC0010	-	-	-	-	
LC0011	0.26	0.065	78.4	-1.55	
LC0012	0.357	0.11	108	0.54	
LC0013	0.305	0.046	91.9	-0.58	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.313	0.063	94.3	-0.41	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.317	0.11	95.5	-0.32	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.296	0.004	89.2	-0.77	
LC0023	0.3474	0.05062	105	0.34	
LC0024	0.363	0.139	109	0.67	
LC0025	0.37	0.111	112	0.82	
LC0026	-	-	-	-	
LC0027	0.197	0.098	59.4	-2.9	H

Characteristics of parameter

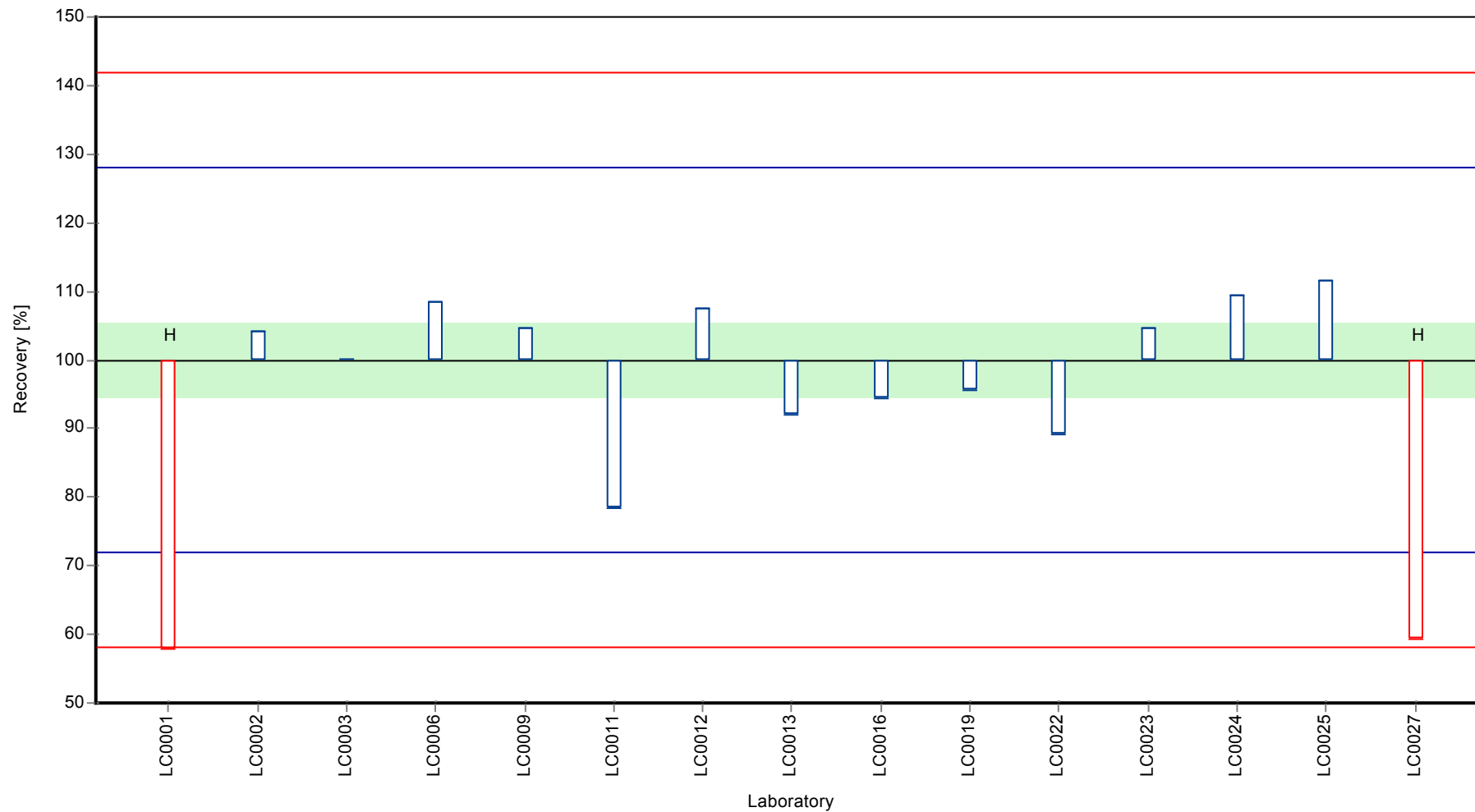
	all results	without outliers	Unit
Mean ± CI (99%)	0.313 ± 0.0439	0.332 ± 0.0266	µg/l
Minimum	0.192	0.26	µg/l
Maximum	0.37	0.37	µg/l
Standard deviation	0.0567	0.032	µg/l
rel. standard deviation	18.1	9.64	%
n	15	13	-

Graphical presentation of results

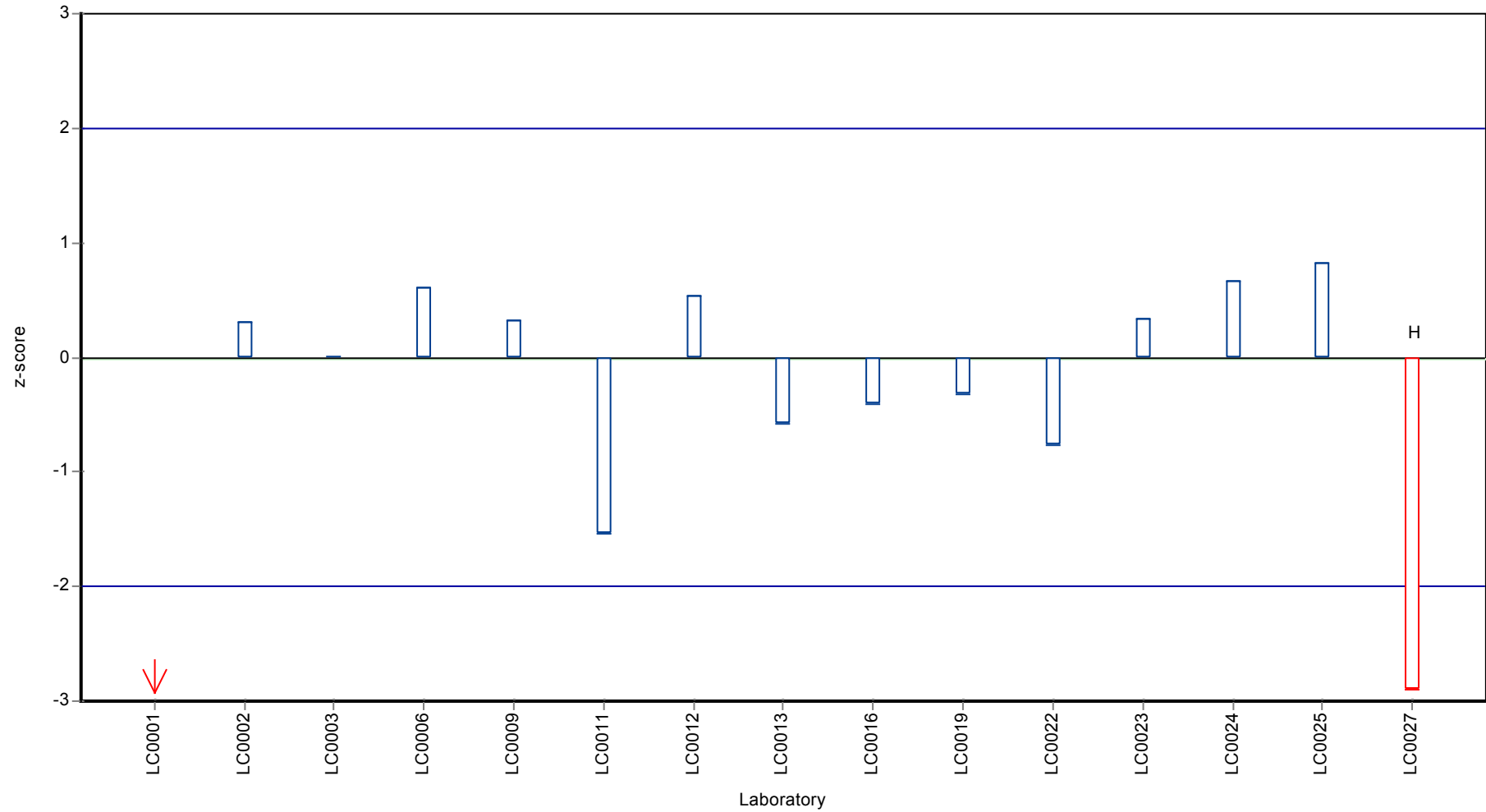
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Cyanazine

Unit	µg/l
Assigned value ± U (k=2)	0.229 ± 0.0176
Criterion	0.0297 (13 %)
Minimum - Maximum	0.197 - 0.293
Control test value ± U (k=2)	0.231 ± 0.0347

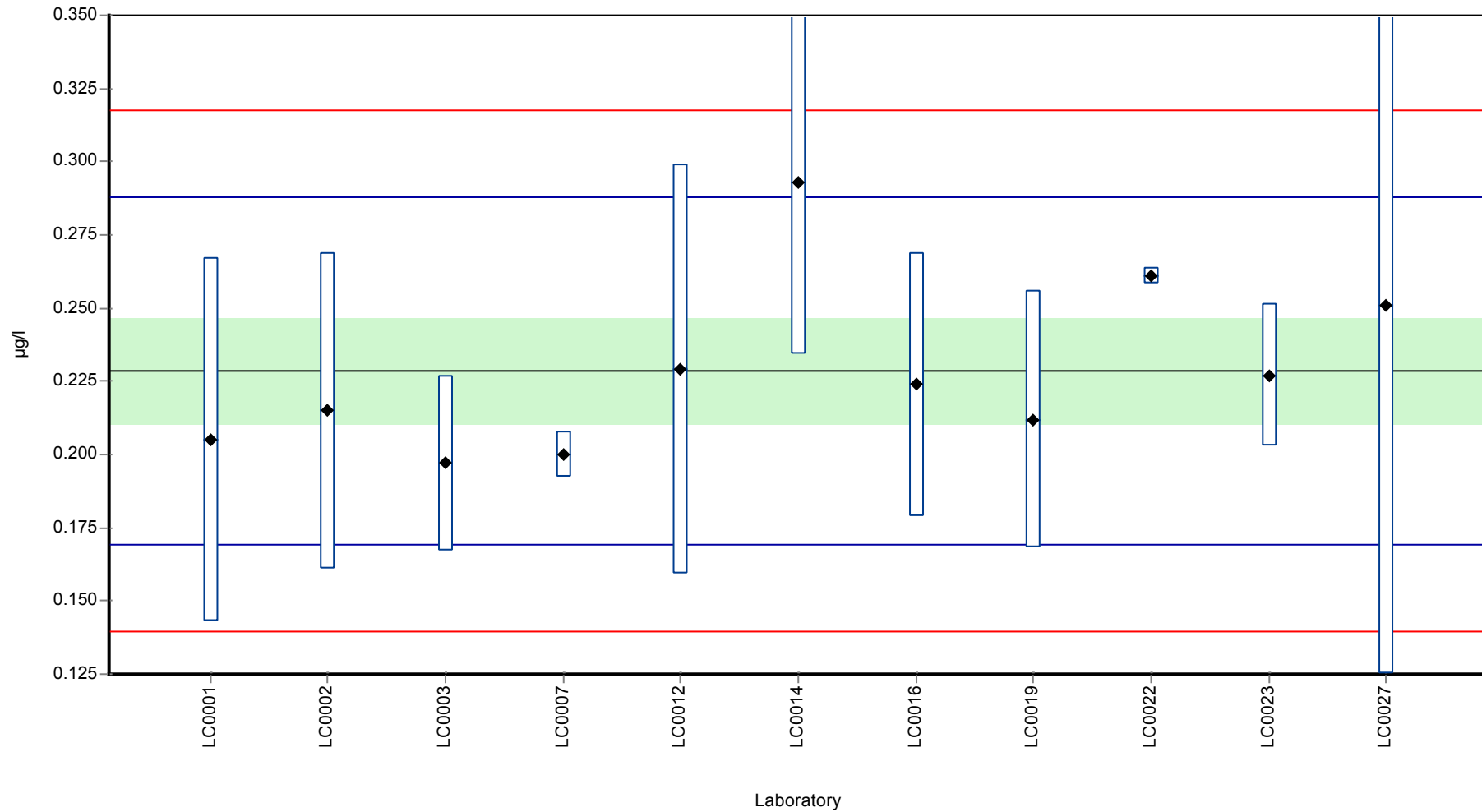
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.205	0.062	89.7	-0.79	
LC0002	0.215	0.054	94.1	-0.46	
LC0003	0.197	0.03	86.2	-1.06	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.2	0.008	87.5	-0.96	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.229	0.07	100	0.02	
LC0013	-	-	-	-	
LC0014	0.293	0.059	128	2.17	
LC0015	-	-	-	-	
LC0016	0.224	0.045	98	-0.15	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.212	0.044	92.8	-0.56	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.261	0.003	114	1.09	
LC0023	0.227	0.02429	99.3	-0.05	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.251	0.126	110	0.76	

Characteristics of parameter

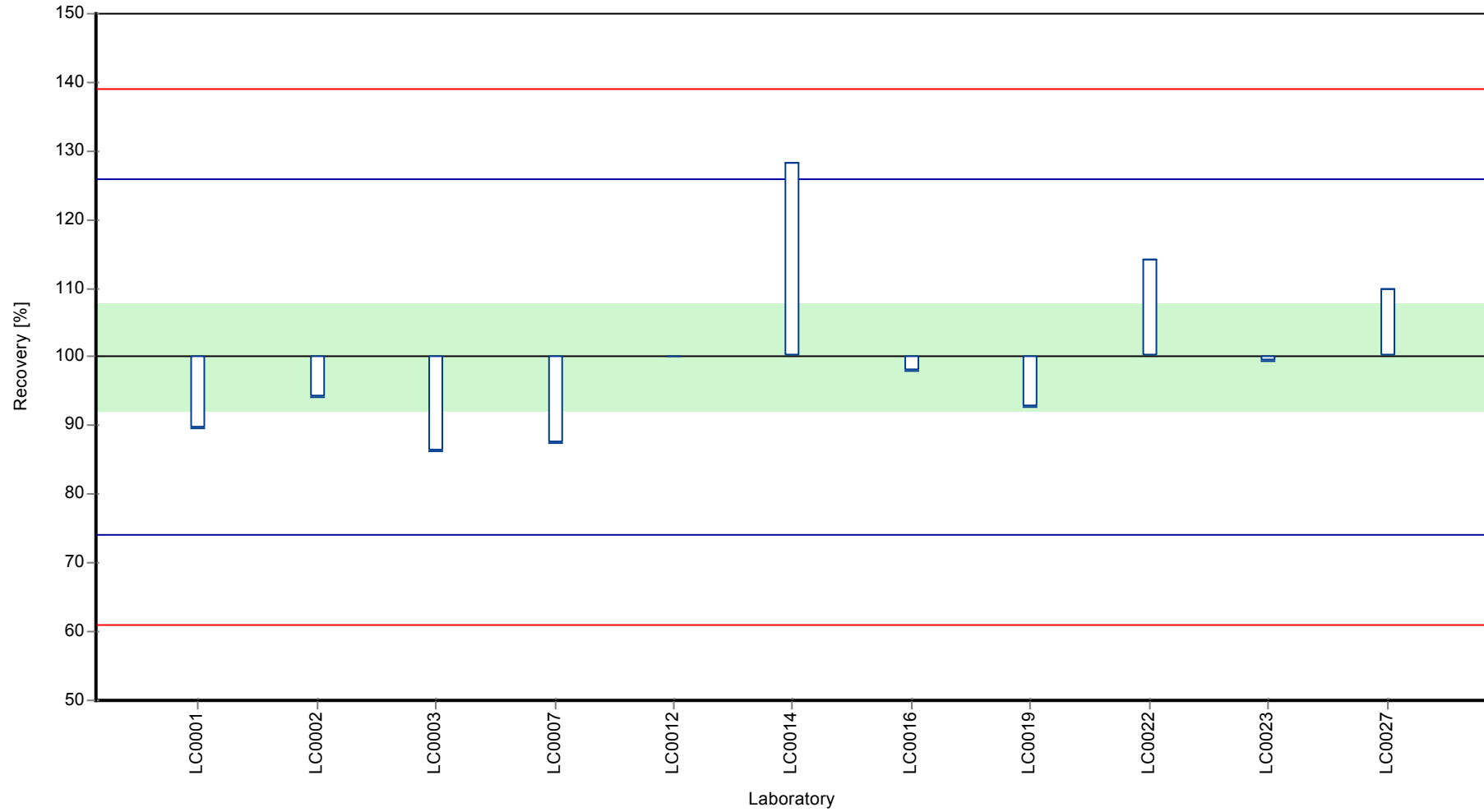
	all results	without outliers	Unit
Mean ± CI (99%)	0.229 ± 0.0265	0.229 ± 0.0265	µg/l
Minimum	0.197	0.197	µg/l
Maximum	0.293	0.293	µg/l
Standard deviation	0.0293	0.0293	µg/l
rel. standard deviation	12.8	12.8	%
n	11	11	-

Graphical presentation of results

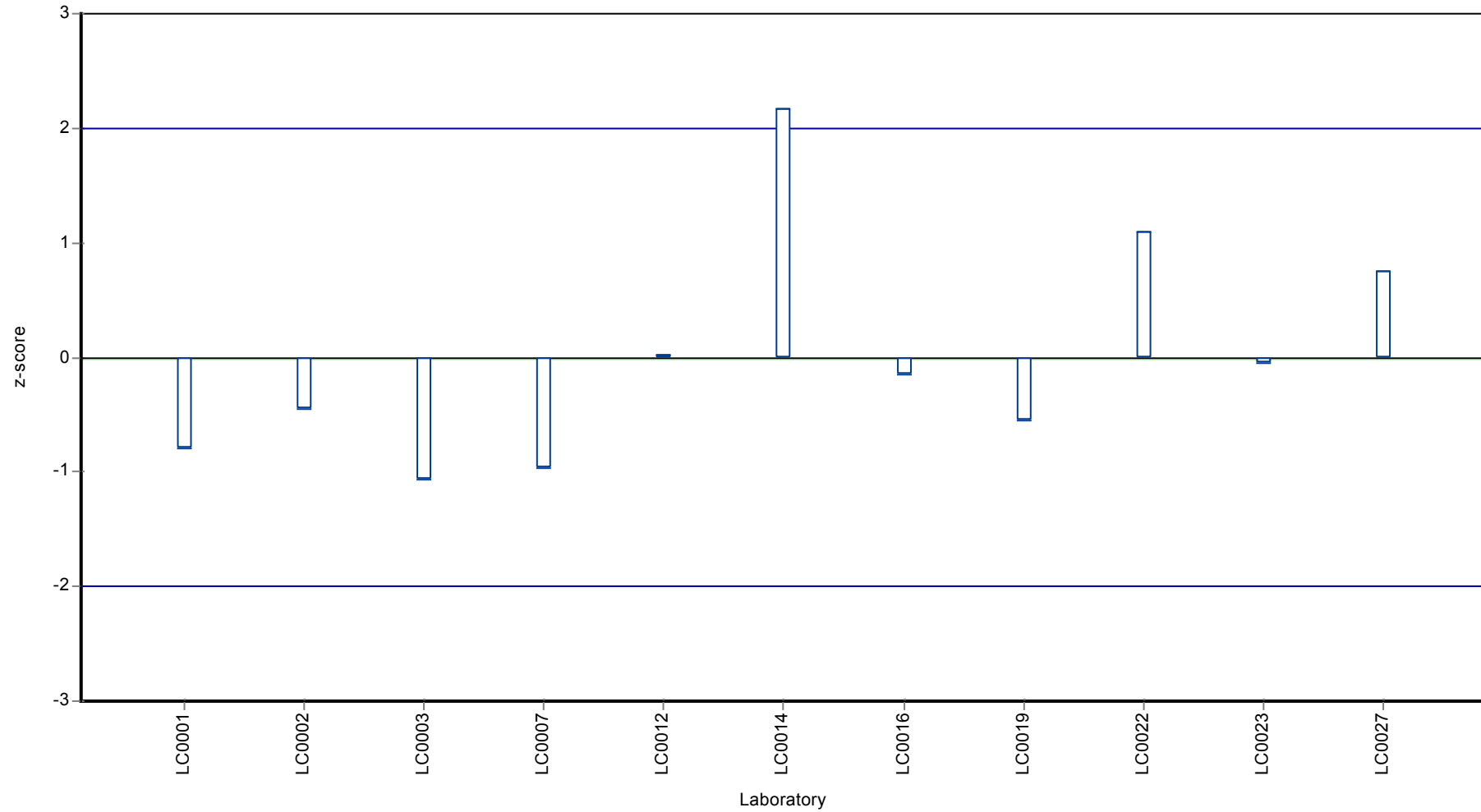
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Cyanazine

Unit	µg/l
Assigned value ± U (k=2)	0.429 ± 0.0374
Criterion	0.0557 (13 %)
Minimum - Maximum	0.355 - 0.576
Control test value ± U (k=2)	0.406 ± 0.0609

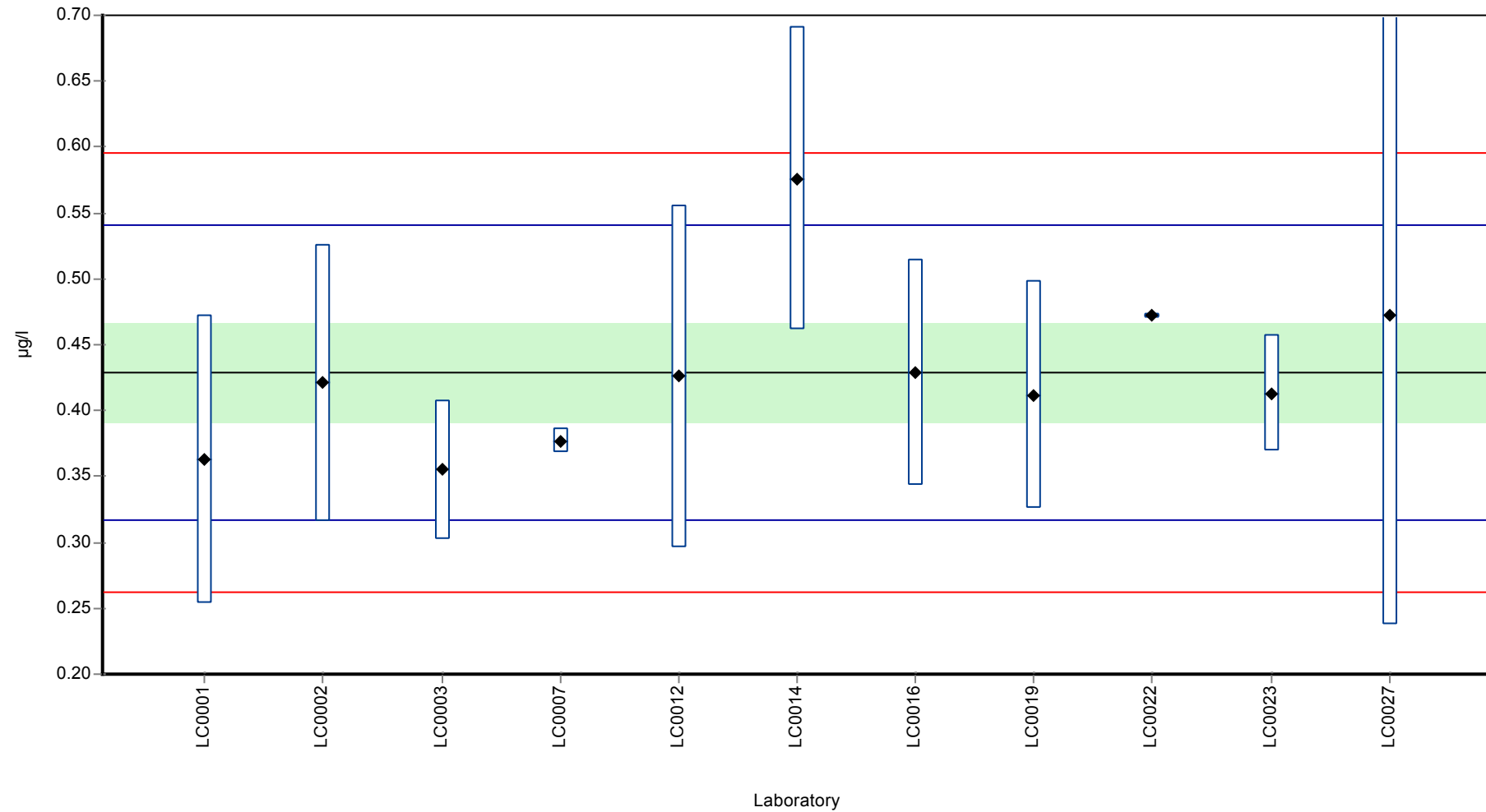
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.363	0.109	84.6	-1.18	
LC0002	0.421	0.105	98.2	-0.14	
LC0003	0.355	0.053	82.8	-1.32	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.377	0.009	87.9	-0.93	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.426	0.13	99.3	-0.05	
LC0013	-	-	-	-	
LC0014	0.576	0.115	134	2.64	
LC0015	-	-	-	-	
LC0016	0.429	0.086	100	0.00	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.412	0.086	96.1	-0.3	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.472	0.002	110	0.77	
LC0023	0.4132	0.04421	96.4	-0.28	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.473	0.236	110	0.79	

Characteristics of parameter

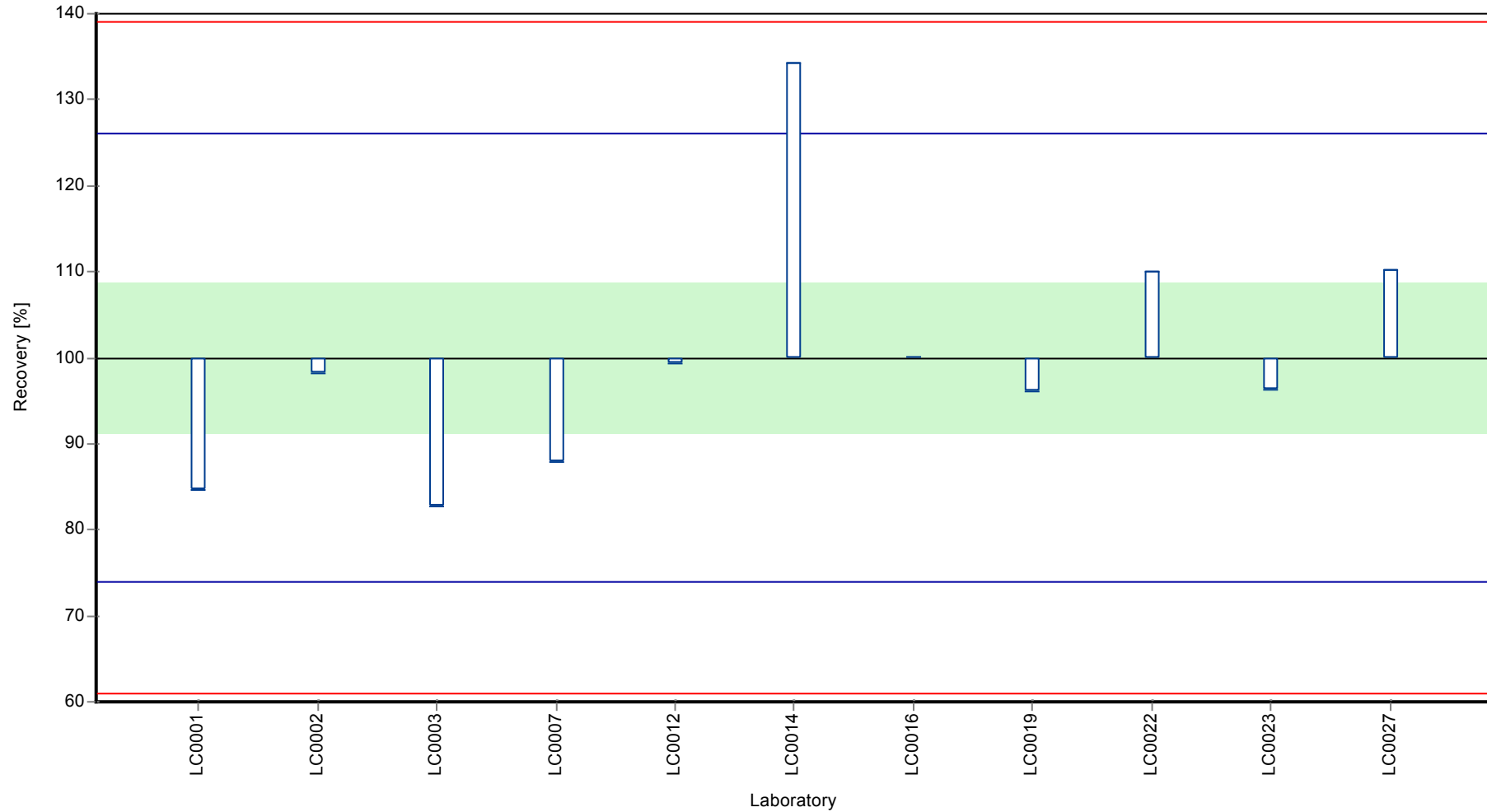
	all results	without outliers	Unit
Mean ± CI (99%)	0.429 ± 0.0562	0.429 ± 0.0562	µg/l
Minimum	0.355	0.355	µg/l
Maximum	0.576	0.576	µg/l
Standard deviation	0.0621	0.0621	µg/l
rel. standard deviation	14.5	14.5	%
n	11	11	-

Graphical presentation of results

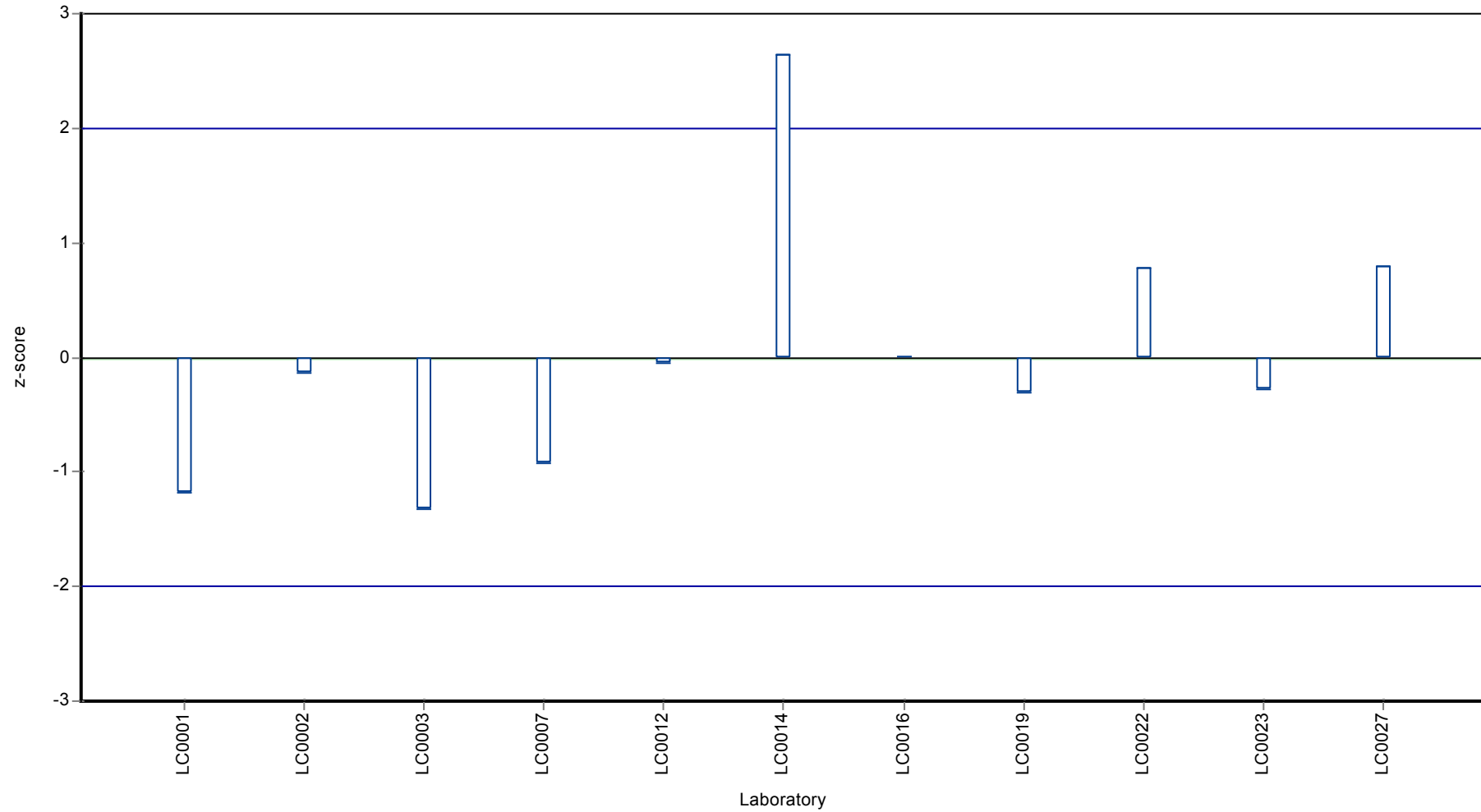
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Dieldrin

Unit	µg/l
Assigned value ± U (k=2)	0.272 ± 0.0277
Criterion	0.05 (18 %)
Minimum - Maximum	0.178 - 0.36
Control test value ± U (k=2)	0.309 ± 0.0927

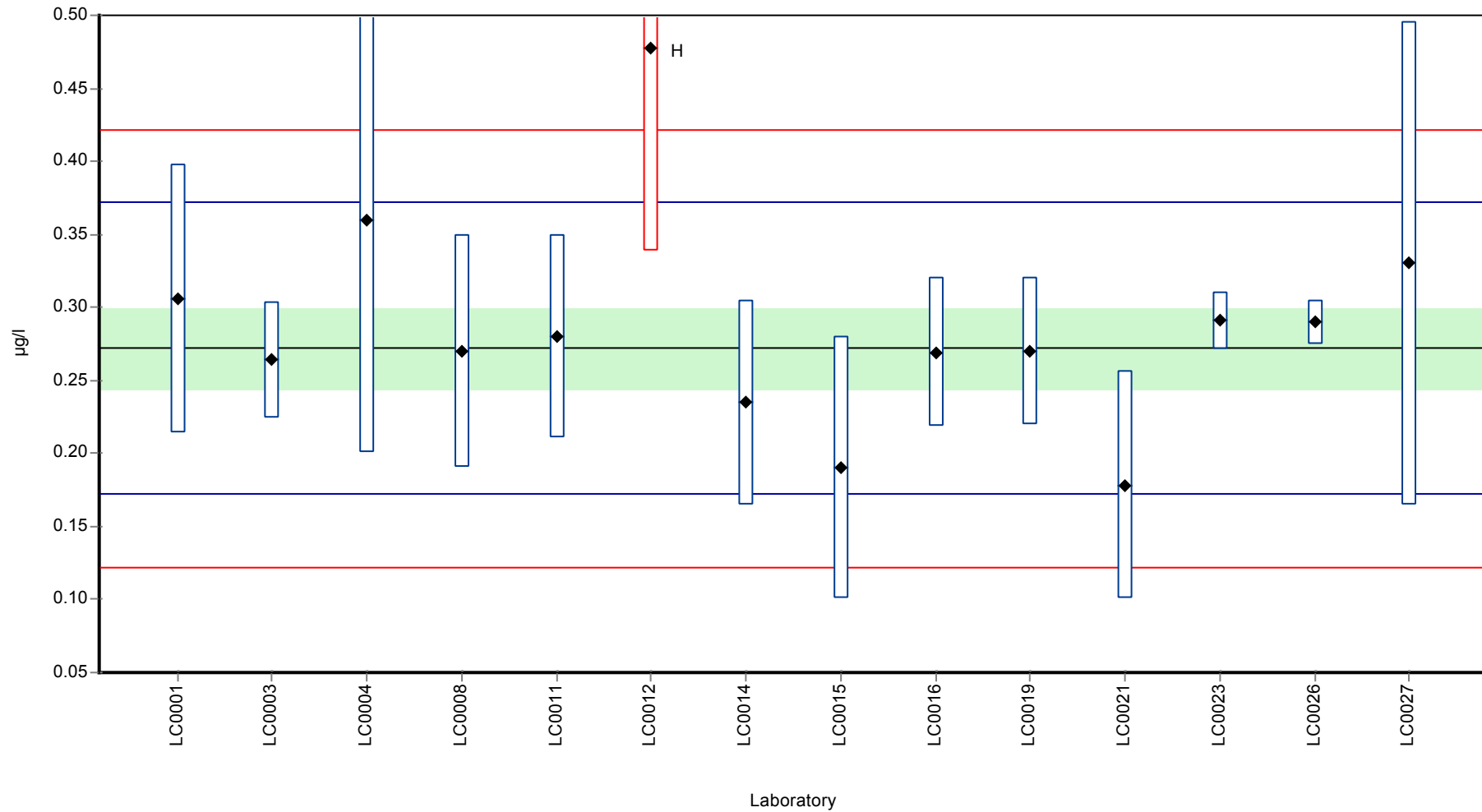
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.306	0.092	113	0.69	
LC0002	-	-	-	-	
LC0003	0.264	0.04	97.1	-0.15	
LC0004	0.36	0.16	132	1.76	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.27	0.08	99.3	-0.04	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.28	0.07	103	0.17	
LC0012	0.478	0.14	176	4.12	H
LC0013	-	-	-	-	
LC0014	0.235	0.07	86.5	-0.73	
LC0015	0.19	0.09	69.9	-1.64	
LC0016	0.269	0.051	99	-0.06	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.27	0.05	99.3	-0.04	
LC0020	-	-	-	-	
LC0021	0.178	0.078	65.5	-1.88	
LC0022	-	-	-	-	
LC0023	0.291	0.01943	107	0.39	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.29	0.015	107	0.36	
LC0027	0.33	0.165	121	1.16	

Characteristics of parameter

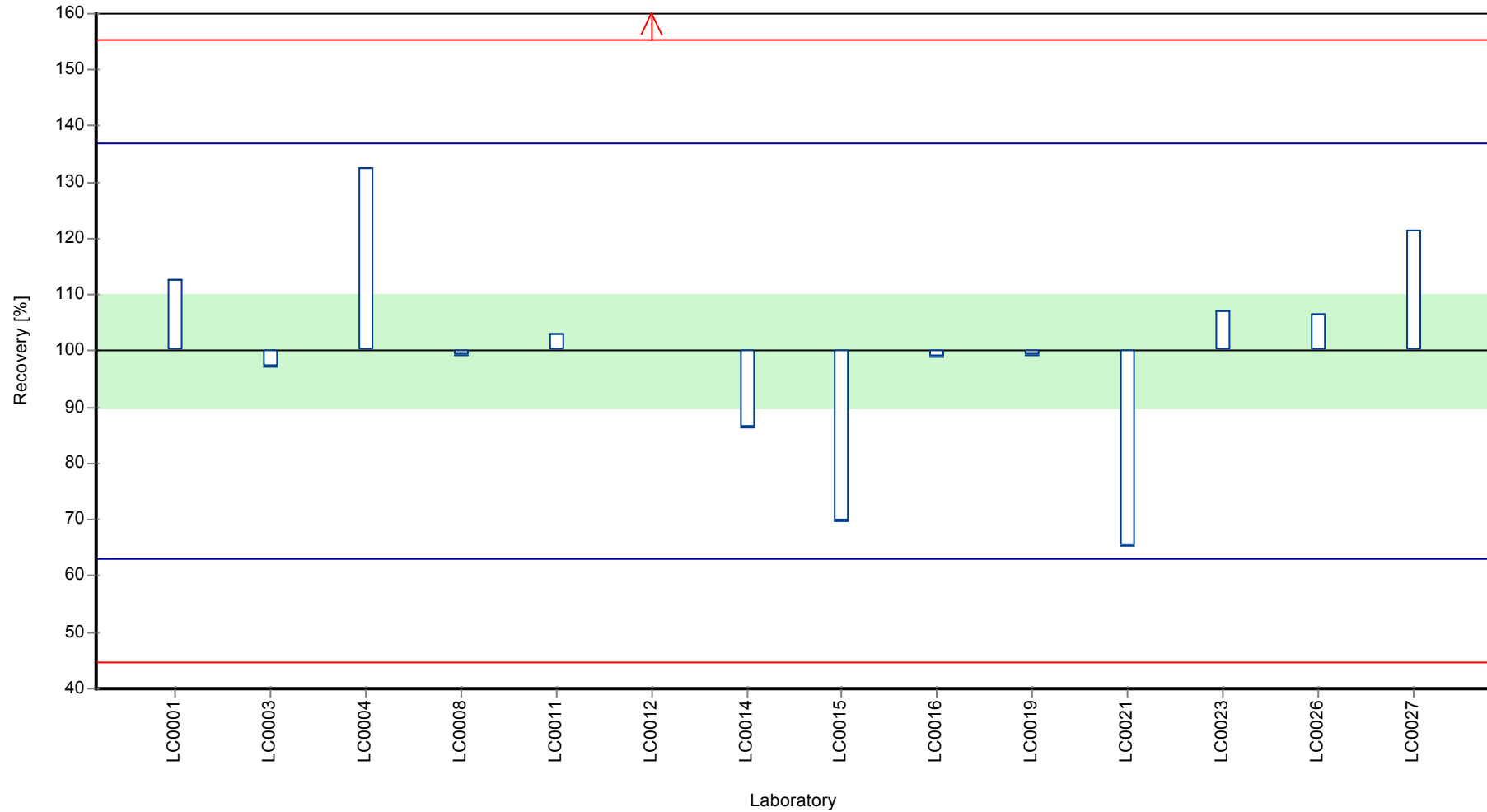
	all results	without outliers	Unit
Mean ± CI (99%)	0.286 ± 0.0586	0.272 ± 0.0416	µg/l
Minimum	0.178	0.178	µg/l
Maximum	0.478	0.36	µg/l
Standard deviation	0.0731	0.05	µg/l
rel. standard deviation	25.5	18.4	%
n	14	13	-

Graphical presentation of results

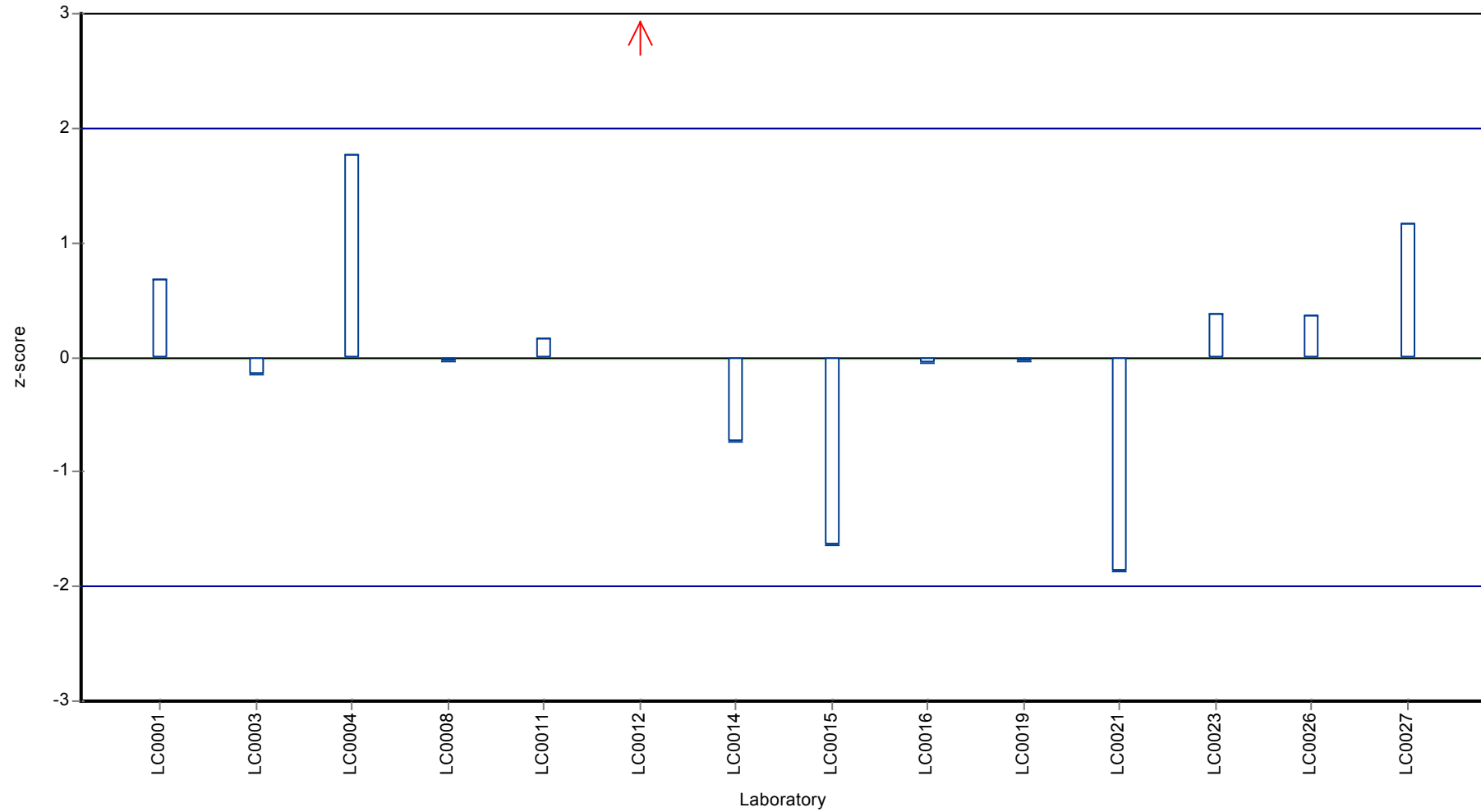
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Dieldrin

Unit	µg/l
Assigned value ± U (k=2)	0.626 ± 0.105
Criterion	0.19 (30 %)
Minimum - Maximum	0.27 - 0.972
Control test value ± U (k=2)	0.804 ± 0.241

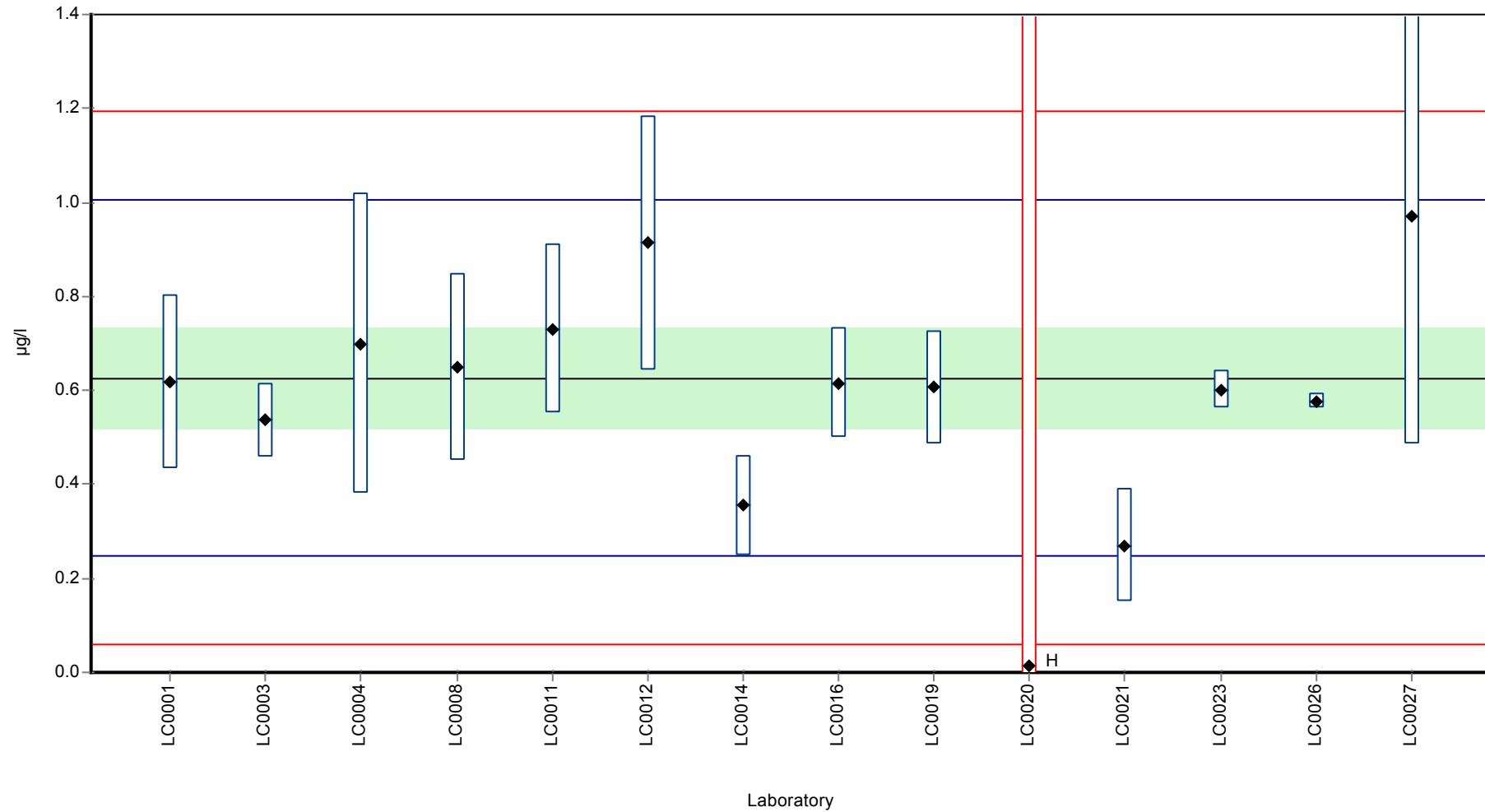
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.618	0.185	98.6	-0.04	
LC0002	-	-	-	-	
LC0003	0.536	0.08	85.6	-0.48	
LC0004	0.7	0.32	112	0.39	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.65	0.2	104	0.12	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.73	0.18	117	0.55	
LC0012	0.913	0.27	146	1.51	
LC0013	-	-	-	-	
LC0014	0.355	0.107	56.7	-1.43	
LC0015	-	-	-	-	
LC0016	0.615	0.117	98.2	-0.06	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.607	0.12	96.9	-0.1	
LC0020	0.013	2	2.1	-3.24	H
LC0021	0.27	0.12	43.1	-1.88	
LC0022	-	-	-	-	
LC0023	0.601	0.04013	95.9	-0.13	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.577	0.015	92.1	-0.26	
LC0027	0.972	0.486	155	1.82	

Characteristics of parameter

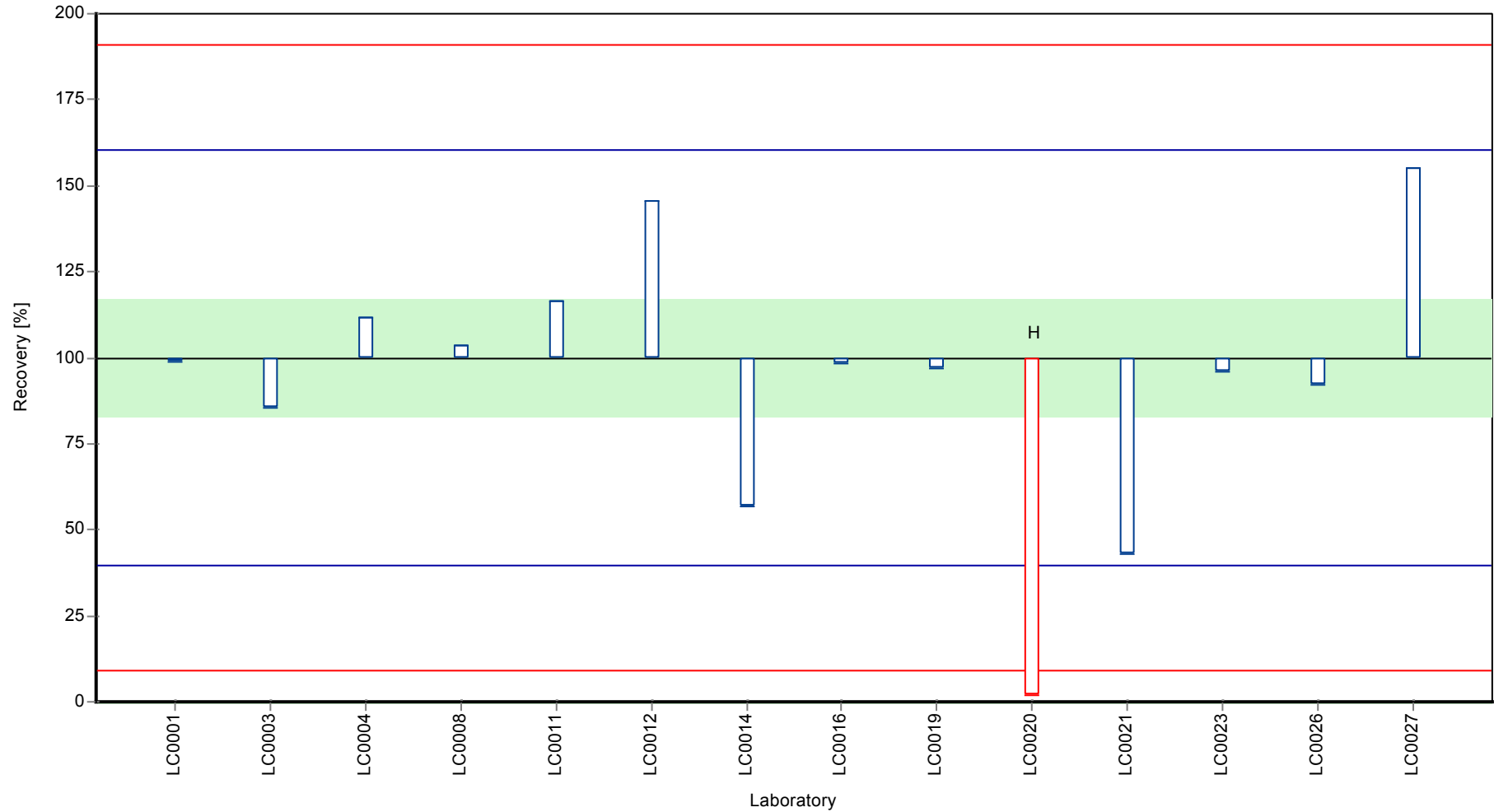
	all results	without outliers	Unit
Mean ± CI (99%)	0.583 ± 0.196	0.626 ± 0.158	µg/l
Minimum	0.013	0.27	µg/l
Maximum	0.972	0.972	µg/l
Standard deviation	0.245	0.189	µg/l
rel. standard deviation	42	30.2	%
n	14	13	-

Graphical presentation of results

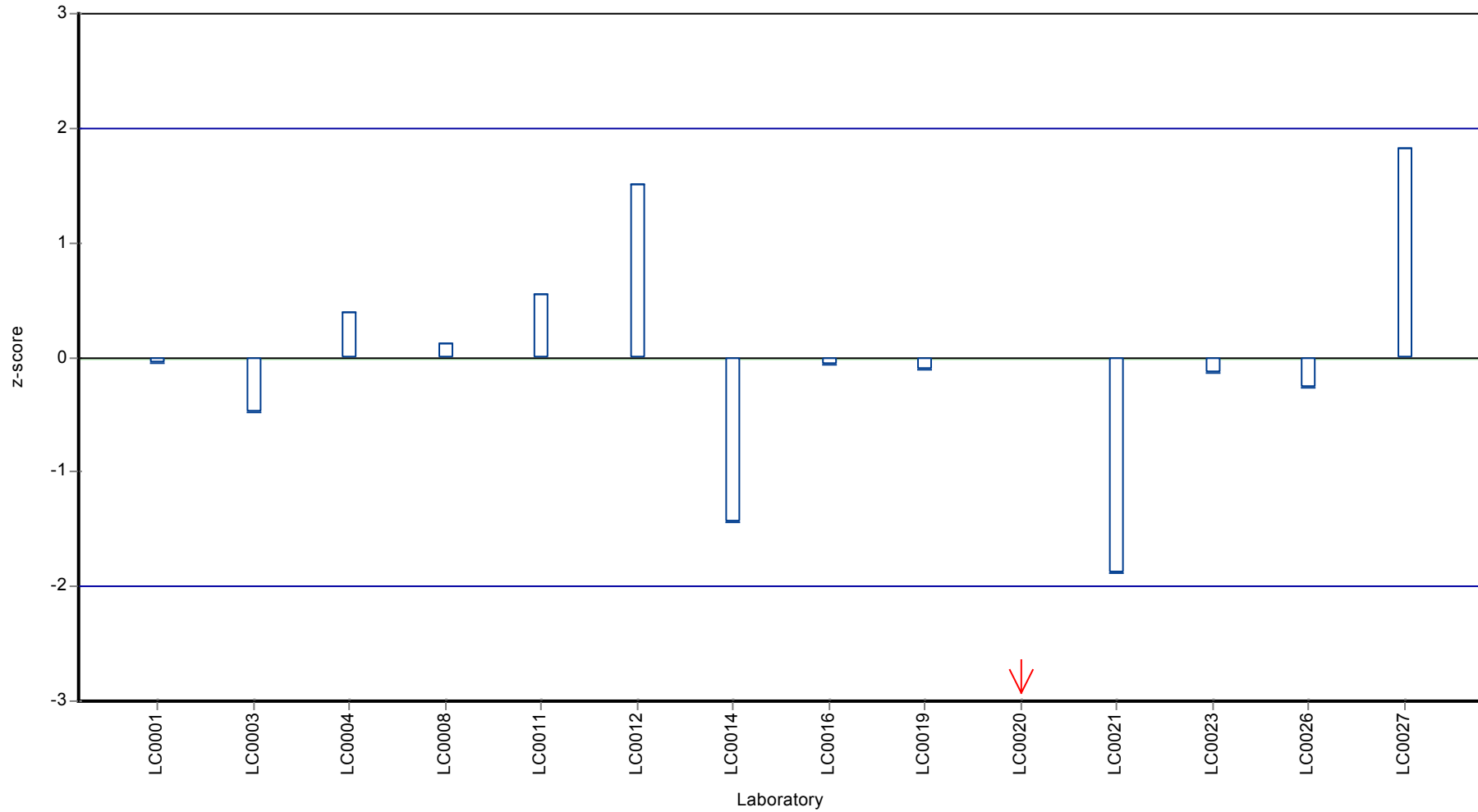
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Dinotefurane

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.092 - 0.169
Control test value ± U (k=2)	0.126 ± 0.0189

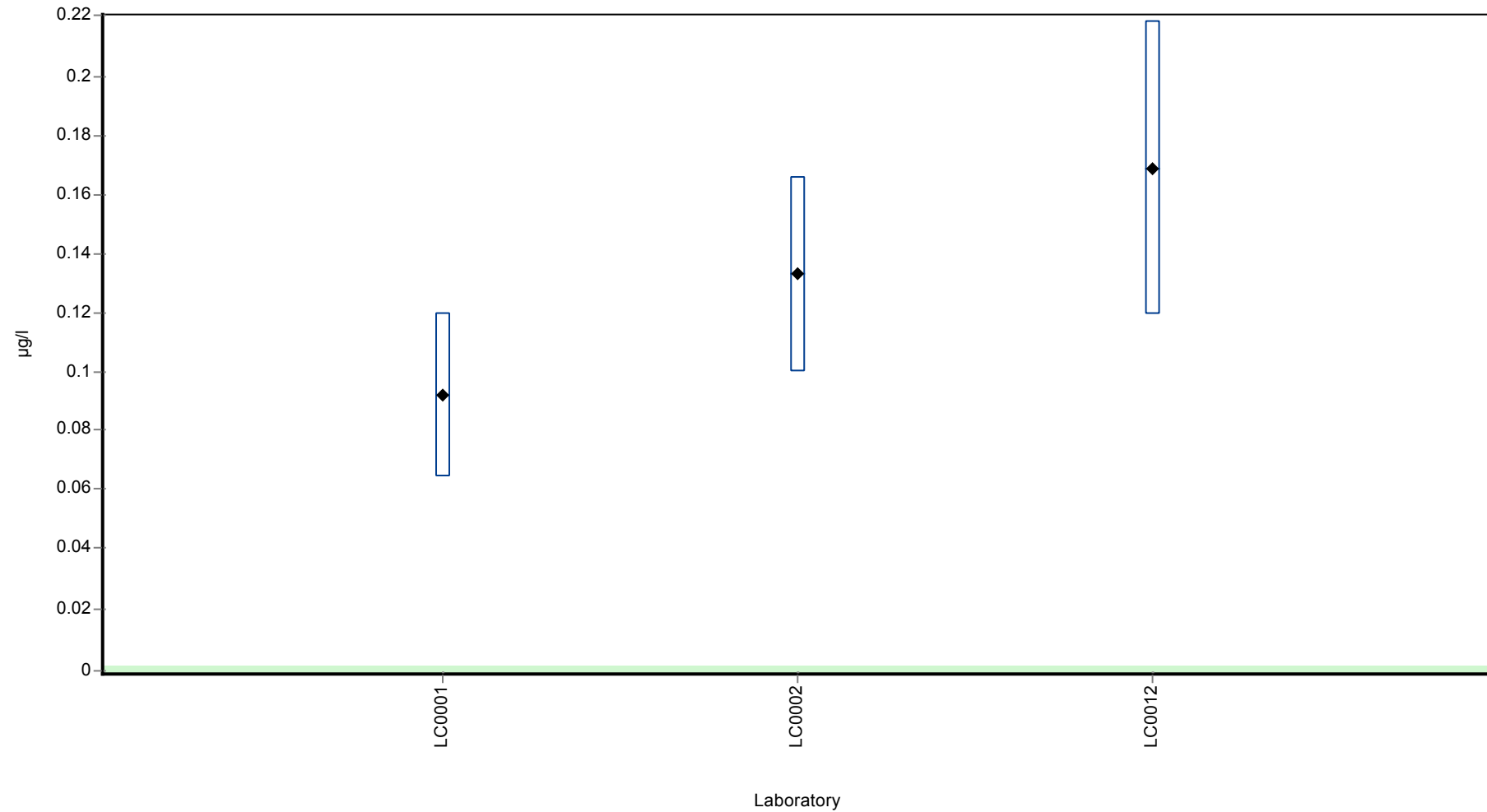
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.092	0.028	-	-	
LC0002	0.133	0.033	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.169	0.05	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.131 ± 0.0667	-	µg/l
Minimum	0.092	0.092	µg/l
Maximum	0.169	0.169	µg/l
Standard deviation	0.0385	-	µg/l
rel. standard deviation	29.3	-	%
n	3	3	-

Graphical presentation of results

Results



Parameter oriented report

H105 B

Dinotefurane

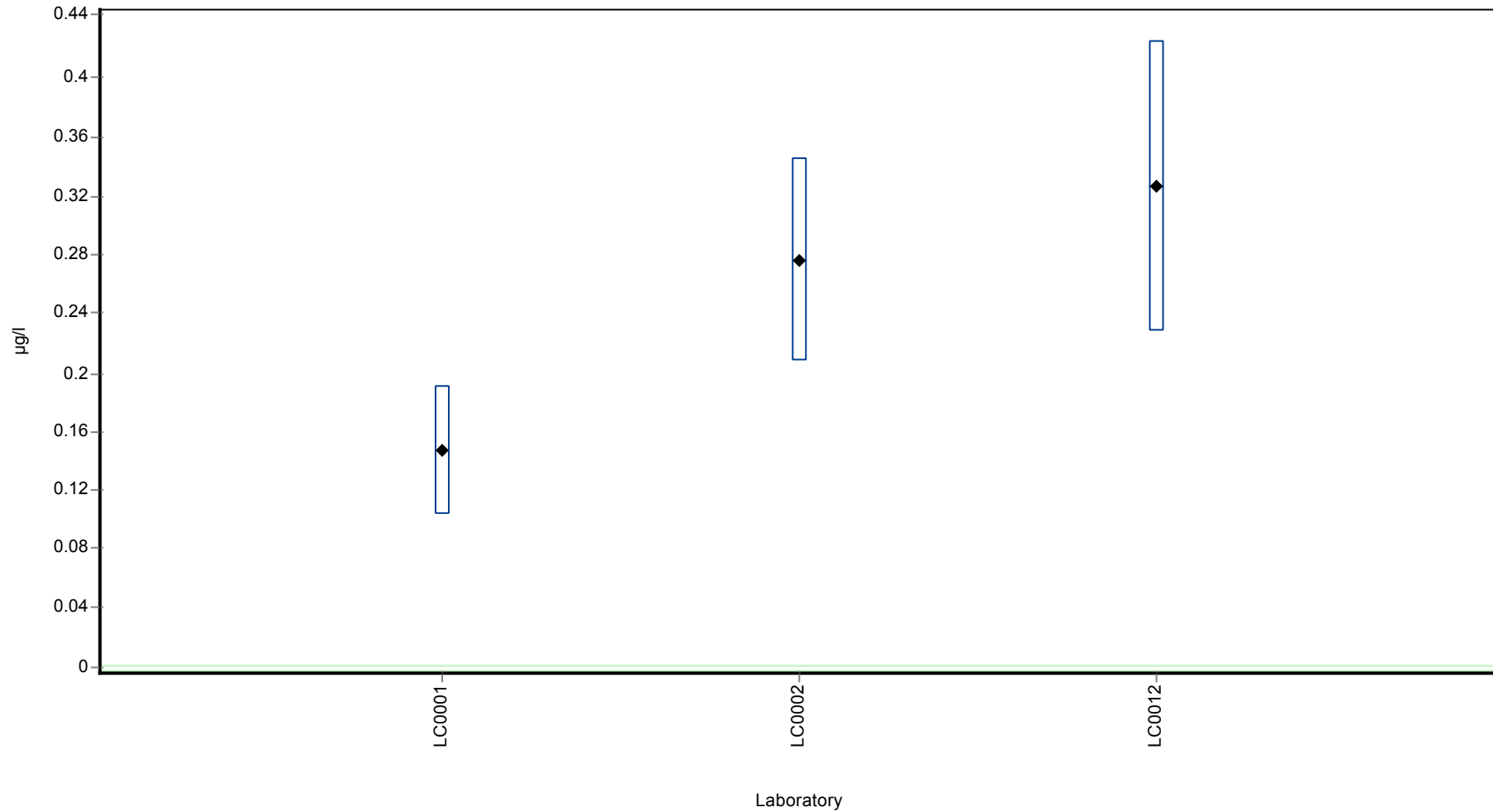
Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.147 - 0.329
Control test value ± U (k=2)	0.25 ± 0.0376

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.147	0.044	-	-	
LC0002	0.278	0.07	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.329	0.1	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.251 ± 0.163	-	µg/l
Minimum	0.147	0.147	µg/l
Maximum	0.329	0.329	µg/l
Standard deviation	0.0939	-	µg/l
rel. standard deviation	37.4	-	%
n	3	3	-

Graphical presentation of results
Results



Parameter oriented report

H105 A

Endrin

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.001 - 0.145
Control test value ± U (k=2)	<0.005 (LOD)

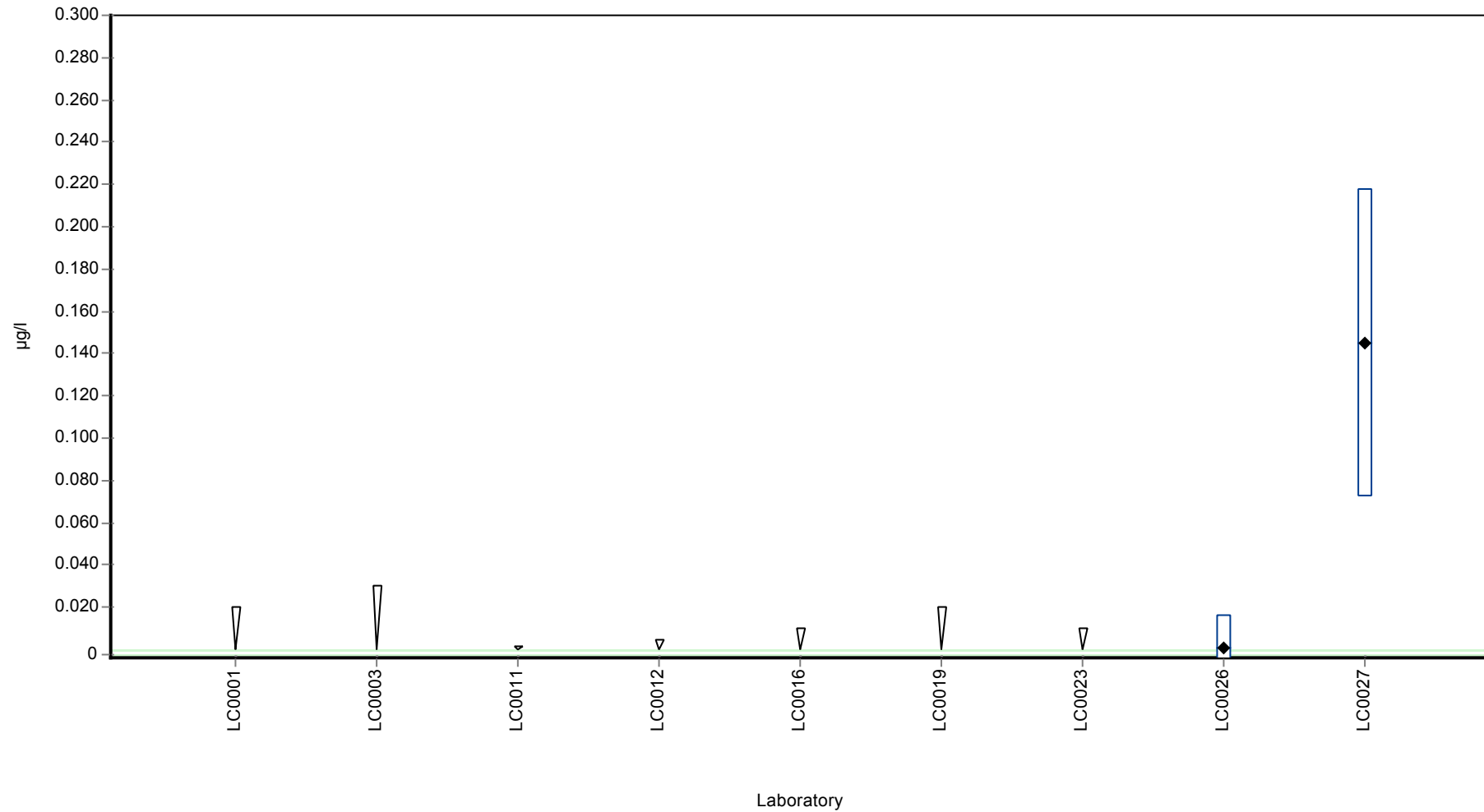
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.02 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.03 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.0012 (LOQ)	-	-	-	
LC0012	< 0.005 (LOQ)	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.01 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.02 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	< 0.01 (LOQ)	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.001	0.015	-	-	
LC0027	0.145	0.073	-	-	FP

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.073 ± 0.216	-	µg/l
Minimum	0.001	0.001	µg/l
Maximum	0.145	0.145	µg/l
Standard deviation	0.102	-	µg/l
rel. standard deviation	139	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

H105 B

Endrin

Unit	µg/l
Assigned value ± U (k=2)	0.334 ± 0.0264
Criterion	0.0602 (18 %)
Minimum - Maximum	0.277 - 0.385
Control test value ± U (k=2)	0.341 ± 0.163

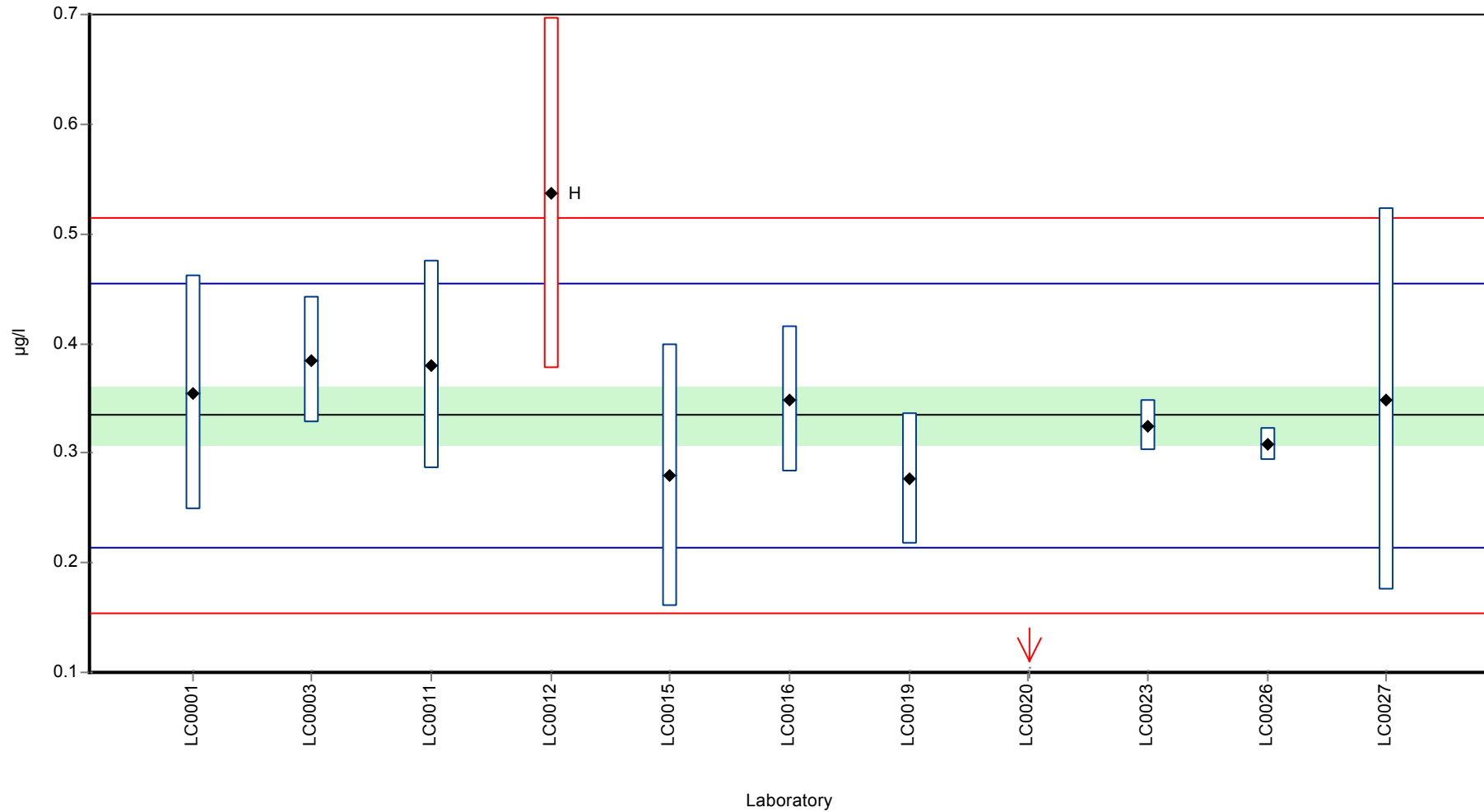
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.355	0.107	106	0.34	
LC0002	-	-	-	-	
LC0003	0.385	0.058	115	0.84	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.38	0.095	114	0.76	
LC0012	0.537	0.16	161	3.37	H
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.28	0.12	83.8	-0.9	
LC0016	0.349	0.066	104	0.25	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.277	0.06	82.9	-0.95	
LC0020	0.055	2	16.5	-4.64	H
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.325	0.02319	97.2	-0.15	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.308	0.015	92.2	-0.44	
LC0027	0.349	0.174	104	0.25	

Characteristics of parameter

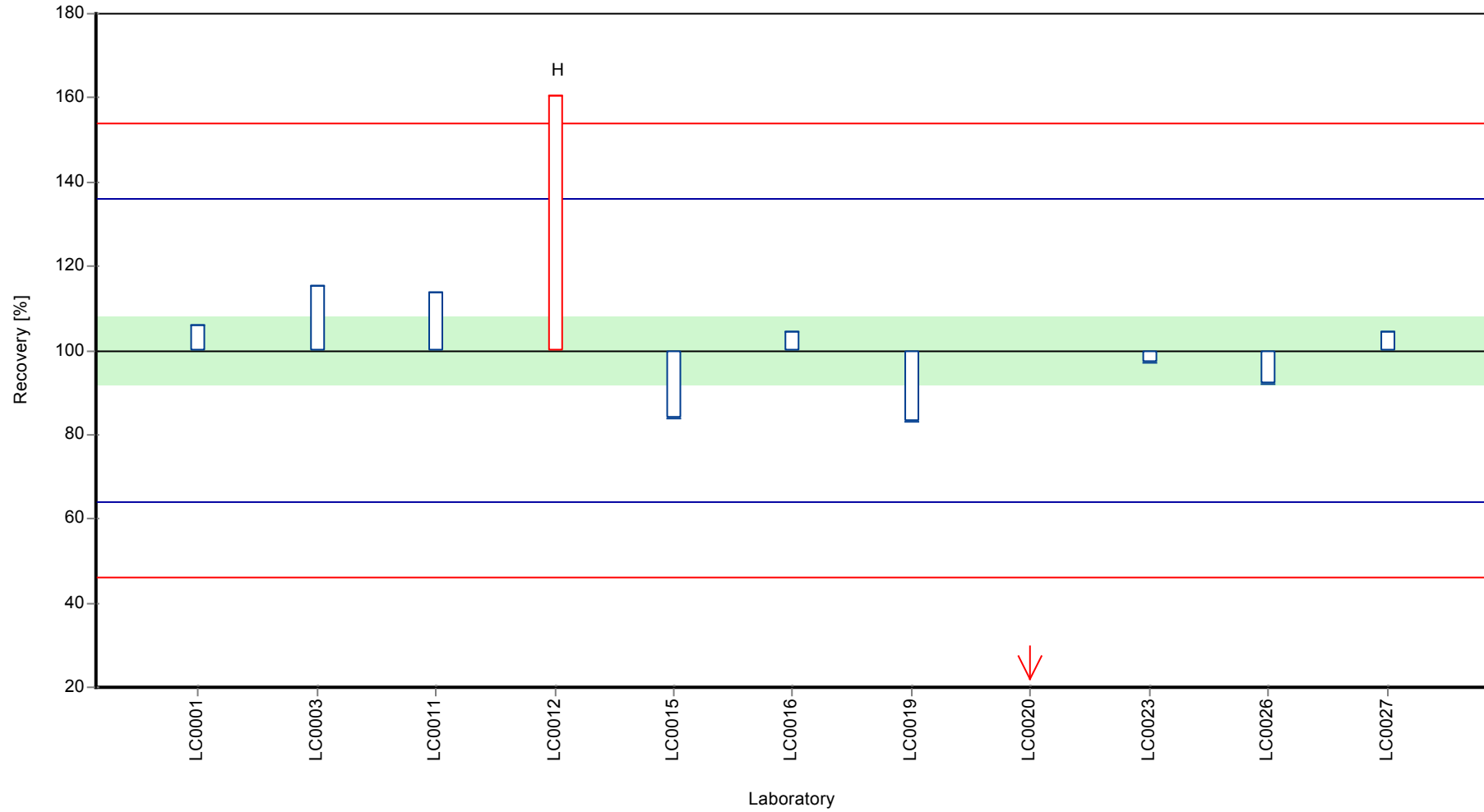
	all results	without outliers	Unit
Mean ± CI (99%)	0.327 ± 0.104	0.334 ± 0.0396	µg/l
Minimum	0.055	0.277	µg/l
Maximum	0.537	0.385	µg/l
Standard deviation	0.114	0.0396	µg/l
rel. standard deviation	35	11.8 %	
n	11	9	-

Graphical presentation of results

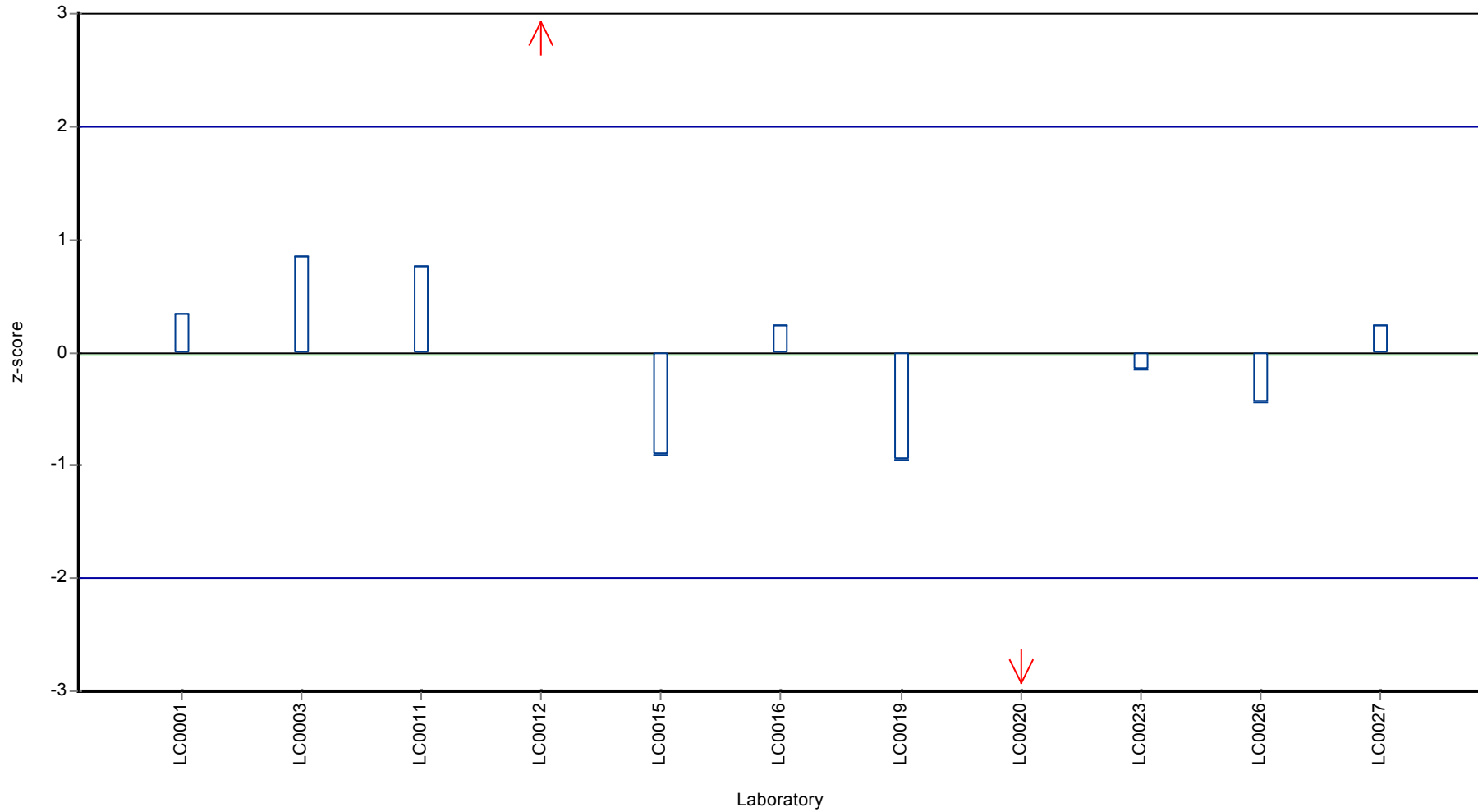
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Heptachlor

Unit	µg/l
Assigned value ± U (k=2)	0.101 ± 0.0212
Criterion	0.0367 (36 %)
Minimum - Maximum	0.048 - 0.163
Control test value ± U (k=2)	0.0962 ± 0.0394

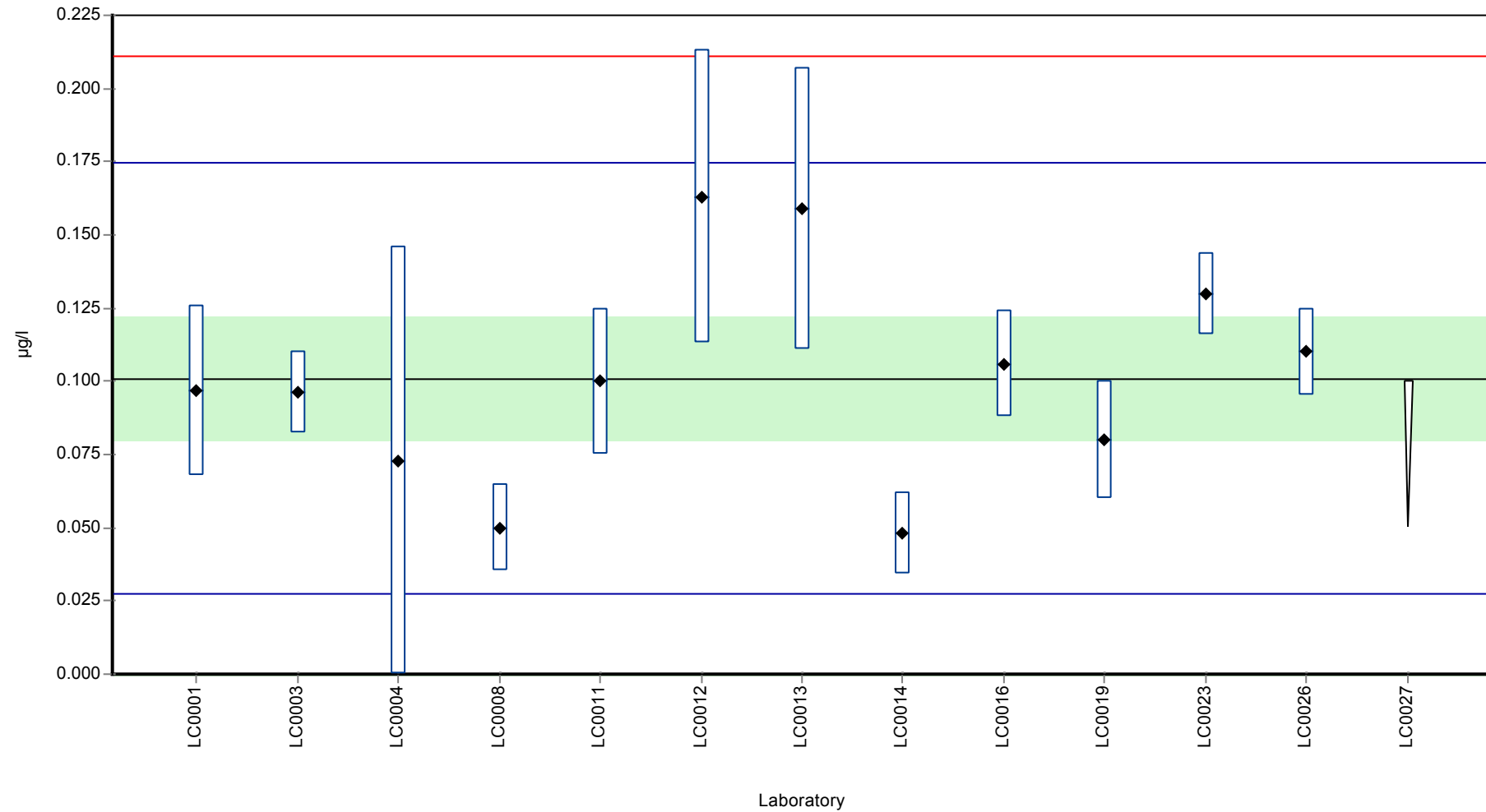
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.097	0.029	96	-0.11	
LC0002	-	-	-	-	
LC0003	0.0961	0.014	95.1	-0.13	
LC0004	0.073	0.073	72.3	-0.76	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.05	0.015	49.5	-1.39	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.1	0.025	99	-0.03	
LC0012	0.163	0.05	161	1.69	
LC0013	0.159	0.048	157	1.58	
LC0014	0.048	0.014	47.5	-1.44	
LC0015	-	-	-	-	
LC0016	0.106	0.018	105	0.14	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.08	0.02	79.2	-0.57	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.13	0.01388	129	0.79	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.11	0.015	109	0.24	
LC0027	< 0.1 (LOQ)	-	-	-	

Characteristics of parameter

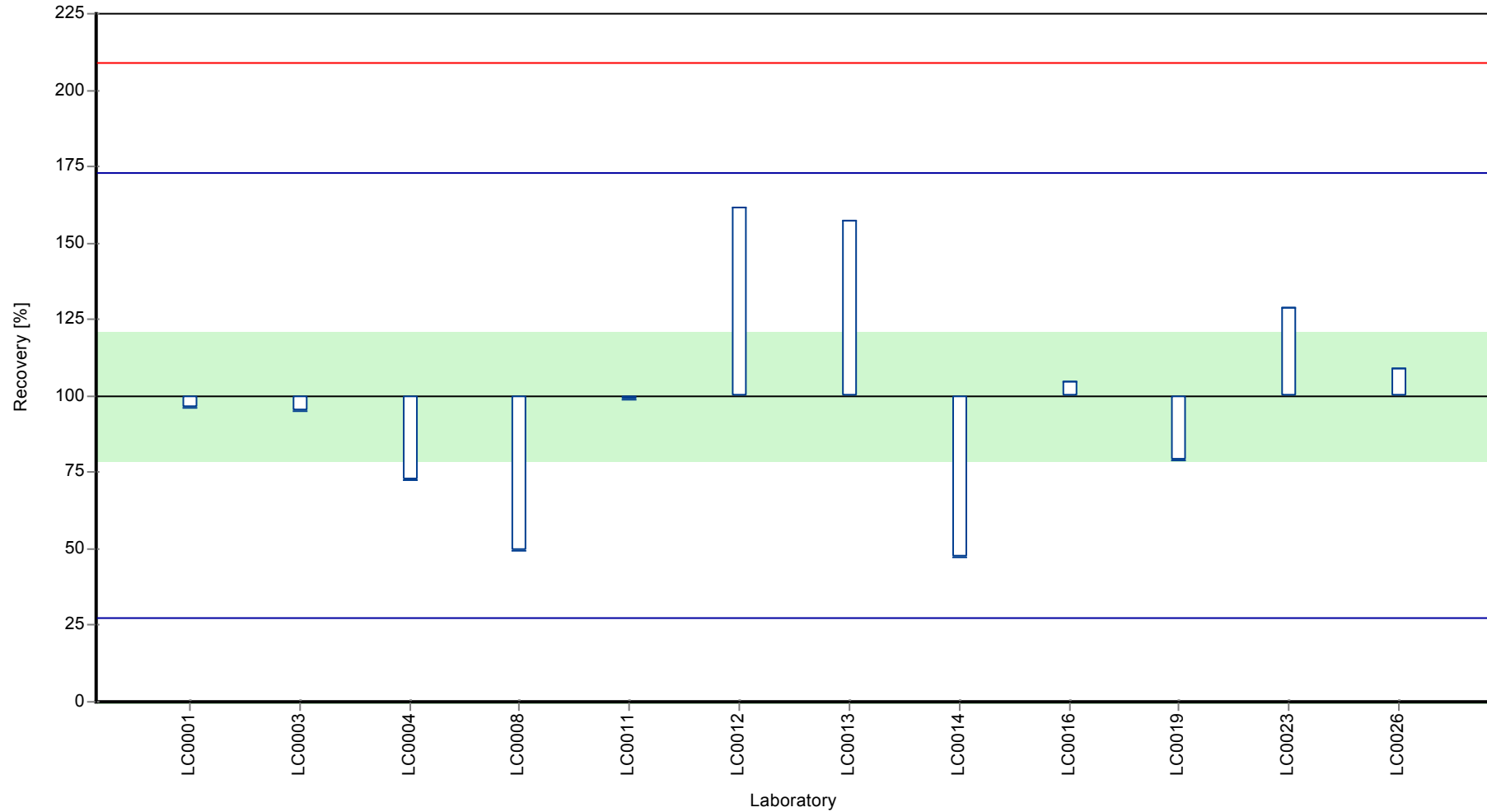
	all results	without outliers	Unit
Mean ± CI (99%)	0.101 ± 0.0318	0.101 ± 0.0318	µg/l
Minimum	0.048	0.048	µg/l
Maximum	0.163	0.163	µg/l
Standard deviation	0.0367	0.0367	µg/l
rel. standard deviation	36.4	36.4	%
n	12	12	-

Graphical presentation of results

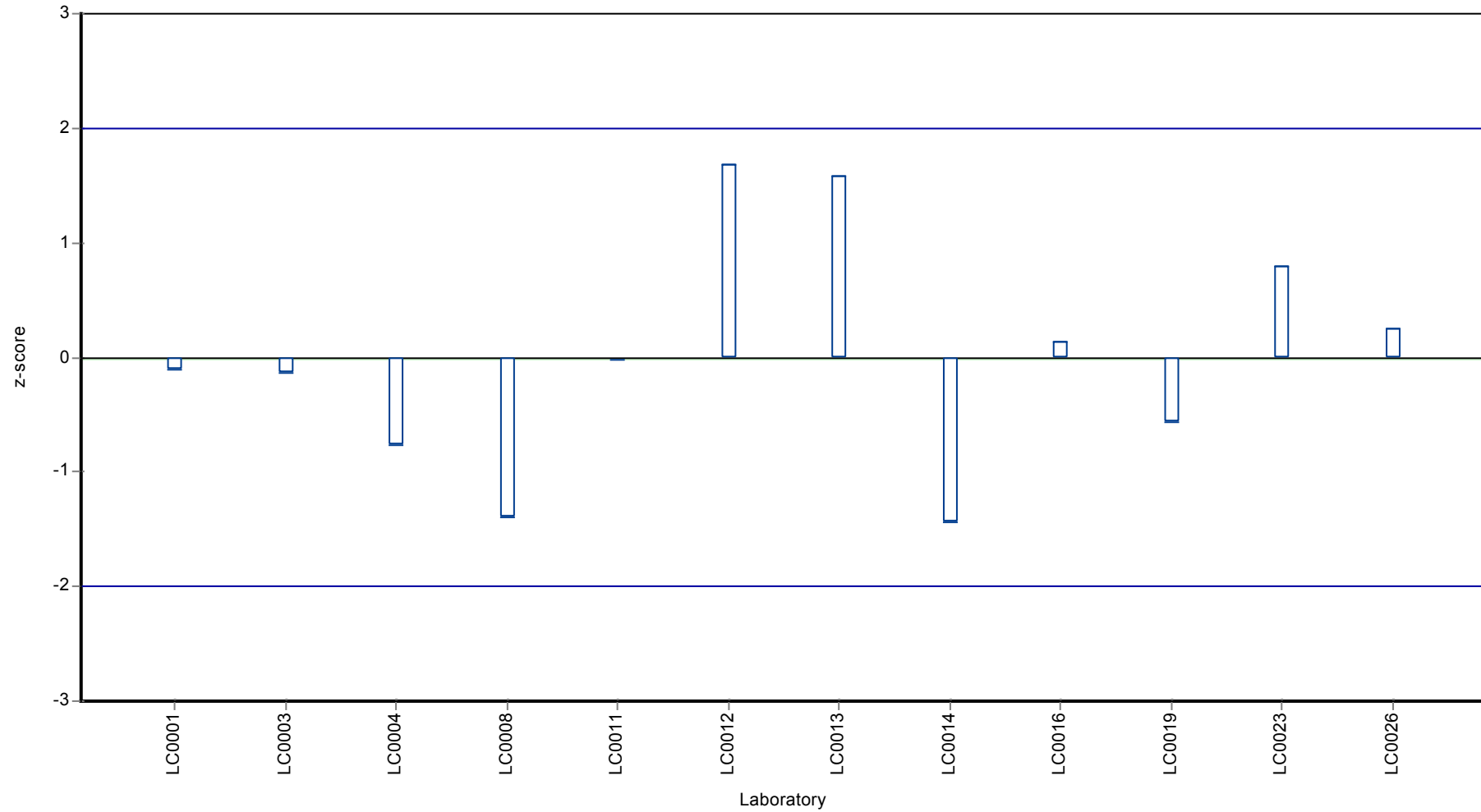
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Heptachlor

Unit	µg/l
Assigned value ± U (k=2)	0.207 ± 0.0501
Criterion	0.0751 (36 %)
Minimum - Maximum	0.001 - 0.366
Control test value ± U (k=2)	0.222 ± 0.0911

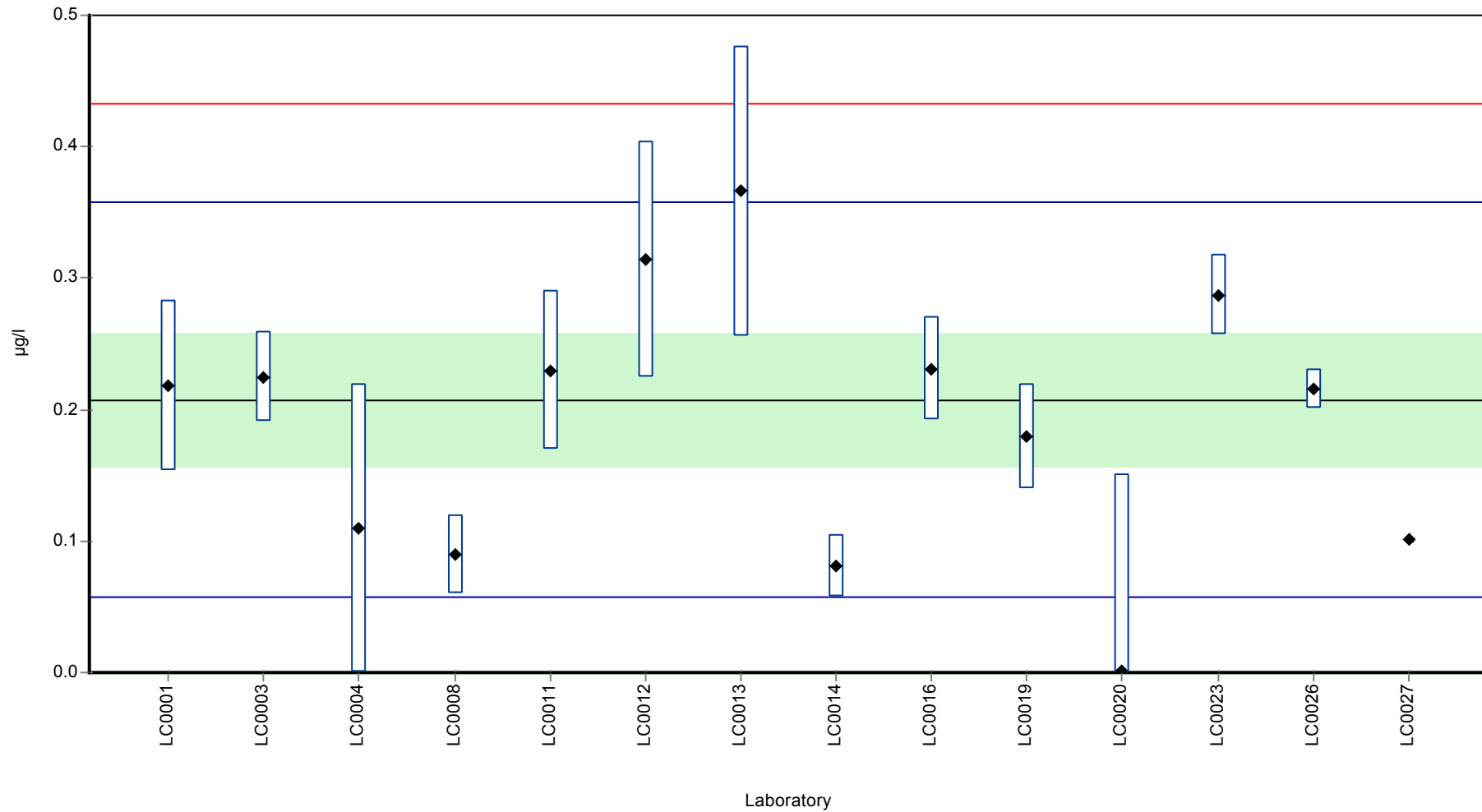
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.218	0.065	105	0.14	
LC0002	-	-	-	-	
LC0003	0.225	0.034	108	0.23	
LC0004	0.11	0.11	53	-1.3	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.09	0.03	43.4	-1.56	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.23	0.06	111	0.3	
LC0012	0.314	0.09	151	1.42	
LC0013	0.366	0.11	176	2.11	
LC0014	0.081	0.024	39	-1.68	
LC0015	-	-	-	-	
LC0016	0.231	0.039	111	0.31	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.18	0.04	86.8	-0.36	
LC0020	0.001	0.15	0.5	-2.75	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.287	0.03073	138	1.06	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.216	0.015	104	0.11	
LC0027	< 0.1 (LOQ)	-	-	-	

Characteristics of parameter

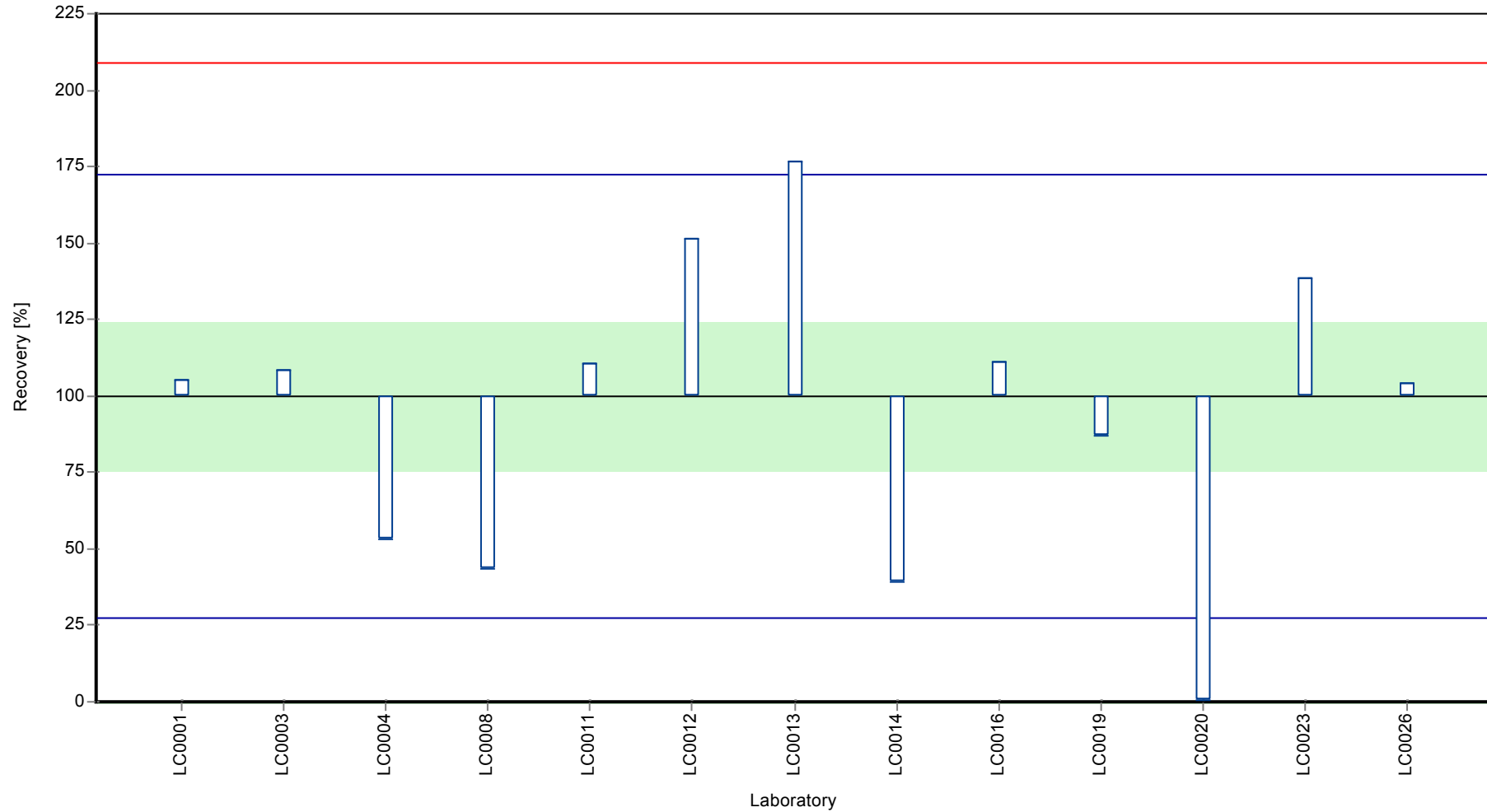
	all results	without outliers	Unit
Mean ± CI (99%)	0.196 ± 0.085	0.196 ± 0.085	µg/l
Minimum	0.001	0.001	µg/l
Maximum	0.366	0.366	µg/l
Standard deviation	0.102	0.102	µg/l
rel. standard deviation	52.1	52.1	%
n	13	13	-

Graphical presentation of results

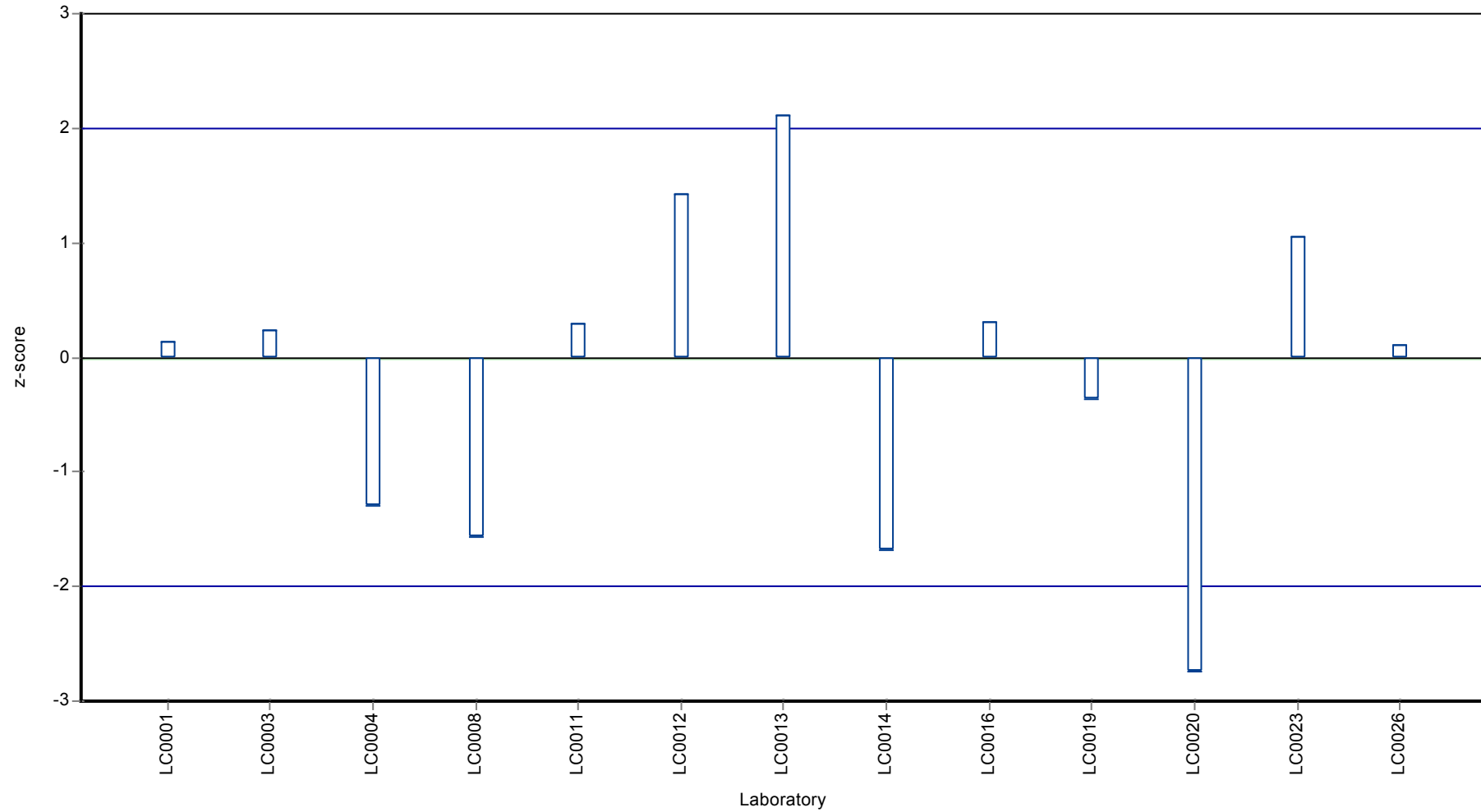
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Imidacloprid

Unit	µg/l
Assigned value ± U (k=2)	0.13 ± 0.00945
Criterion	0.0208 (16 %)
Minimum - Maximum	0.095 - 0.147
Control test value ± U (k=2)	0.129 ± 0.0194

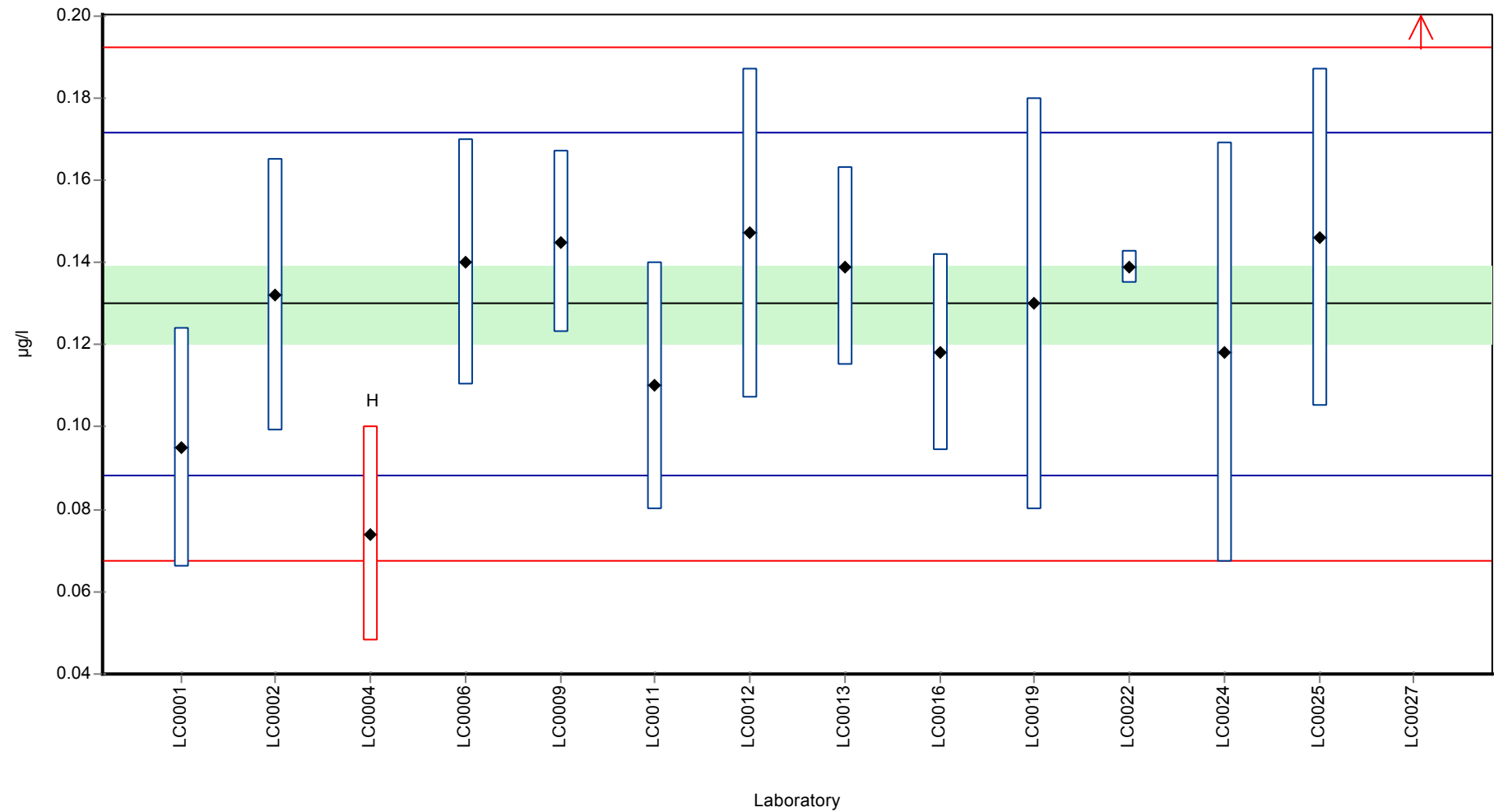
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.095	0.029	73.1	-1.68	
LC0002	0.132	0.033	102	0.1	
LC0003	-	-	-	-	
LC0004	0.074	0.026	57	-2.69	H
LC0005	-	-	-	-	
LC0006	0.14	0.03	108	0.48	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.145	0.022	112	0.73	
LC0010	-	-	-	-	
LC0011	0.11	0.03	84.7	-0.96	
LC0012	0.147	0.04	113	0.82	
LC0013	0.139	0.024	107	0.44	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.118	0.024	90.8	-0.57	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.13	0.05	100	0.00	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.139	0.004	107	0.44	
LC0023	-	-	-	-	
LC0024	0.118	0.051	90.8	-0.57	
LC0025	0.146	0.041	112	0.77	
LC0026	-	-	-	-	
LC0027	0.306	0.153	236	8.47	H

Characteristics of parameter

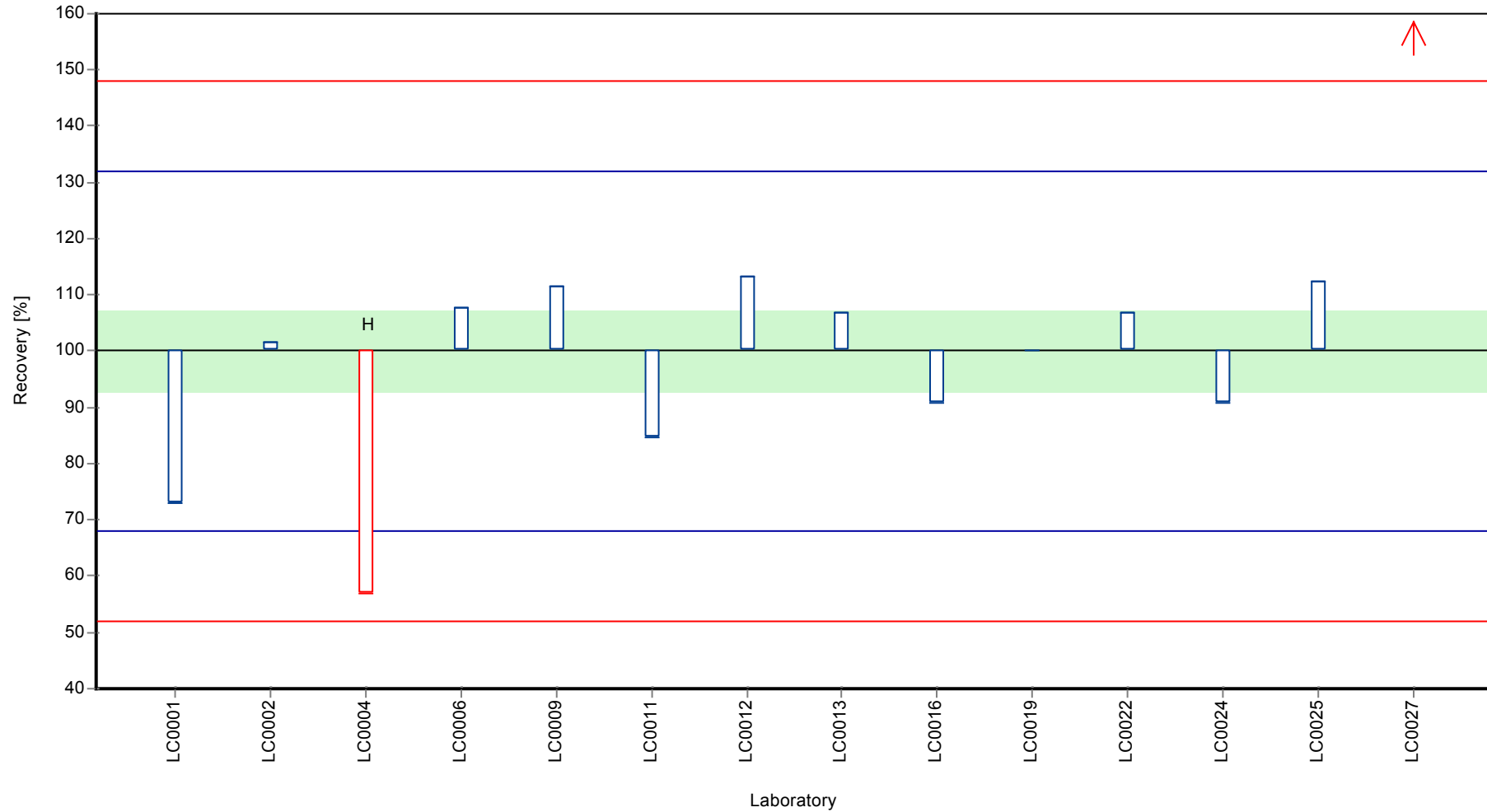
	all results	without outliers	Unit
Mean ± CI (99%)	0.139 ± 0.0422	0.13 ± 0.0142	µg/l
Minimum	0.074	0.095	µg/l
Maximum	0.306	0.147	µg/l
Standard deviation	0.0527	0.0164	µg/l
rel. standard deviation	38	12.6 %	
n	14	12	-

Graphical presentation of results

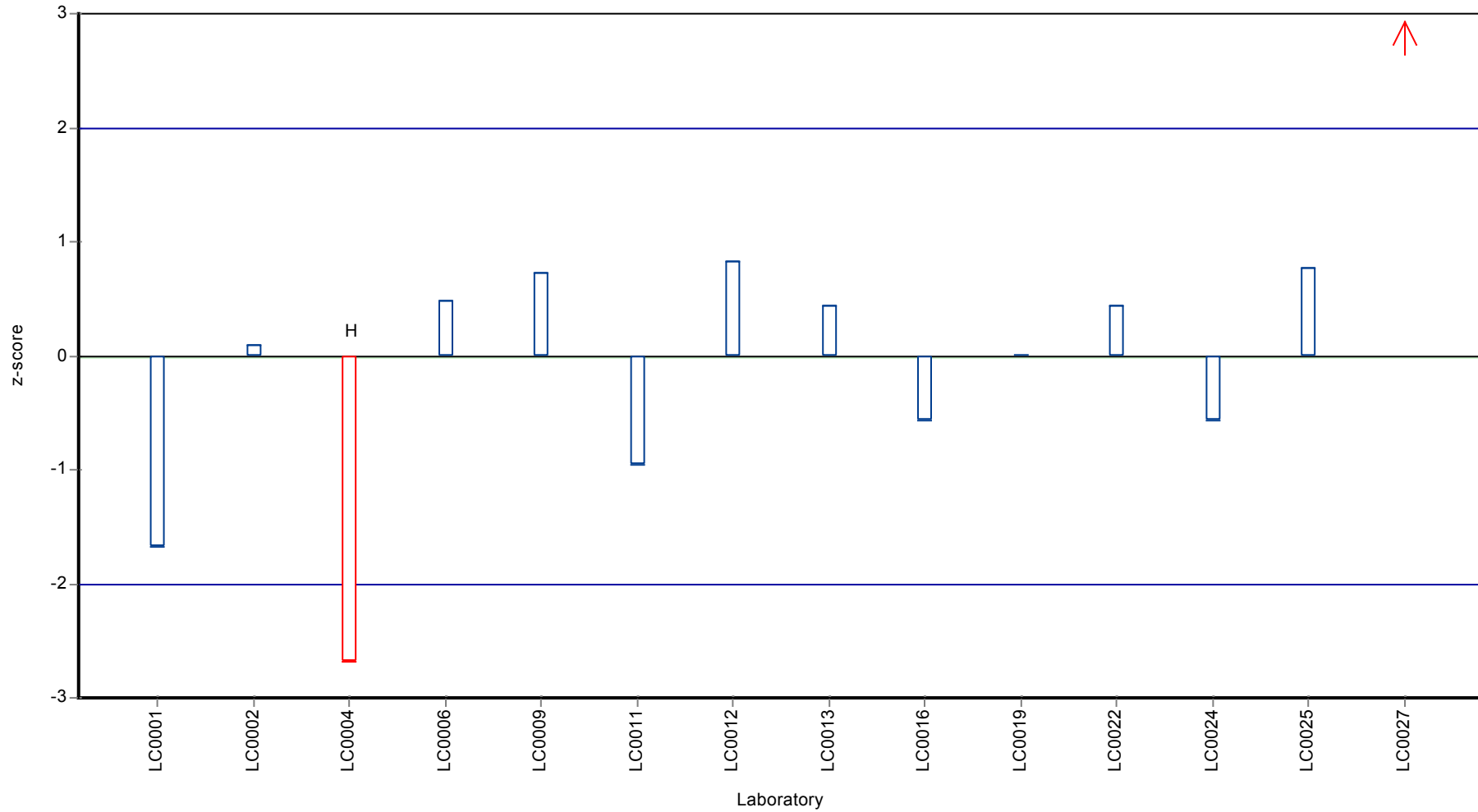
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Imidacloprid

Unit	µg/l
Assigned value ± U (k=2)	0.283 ± 0.0351
Criterion	0.0452 (16 %)
Minimum - Maximum	0.163 - 0.421
Control test value ± U (k=2)	0.277 ± 0.0416

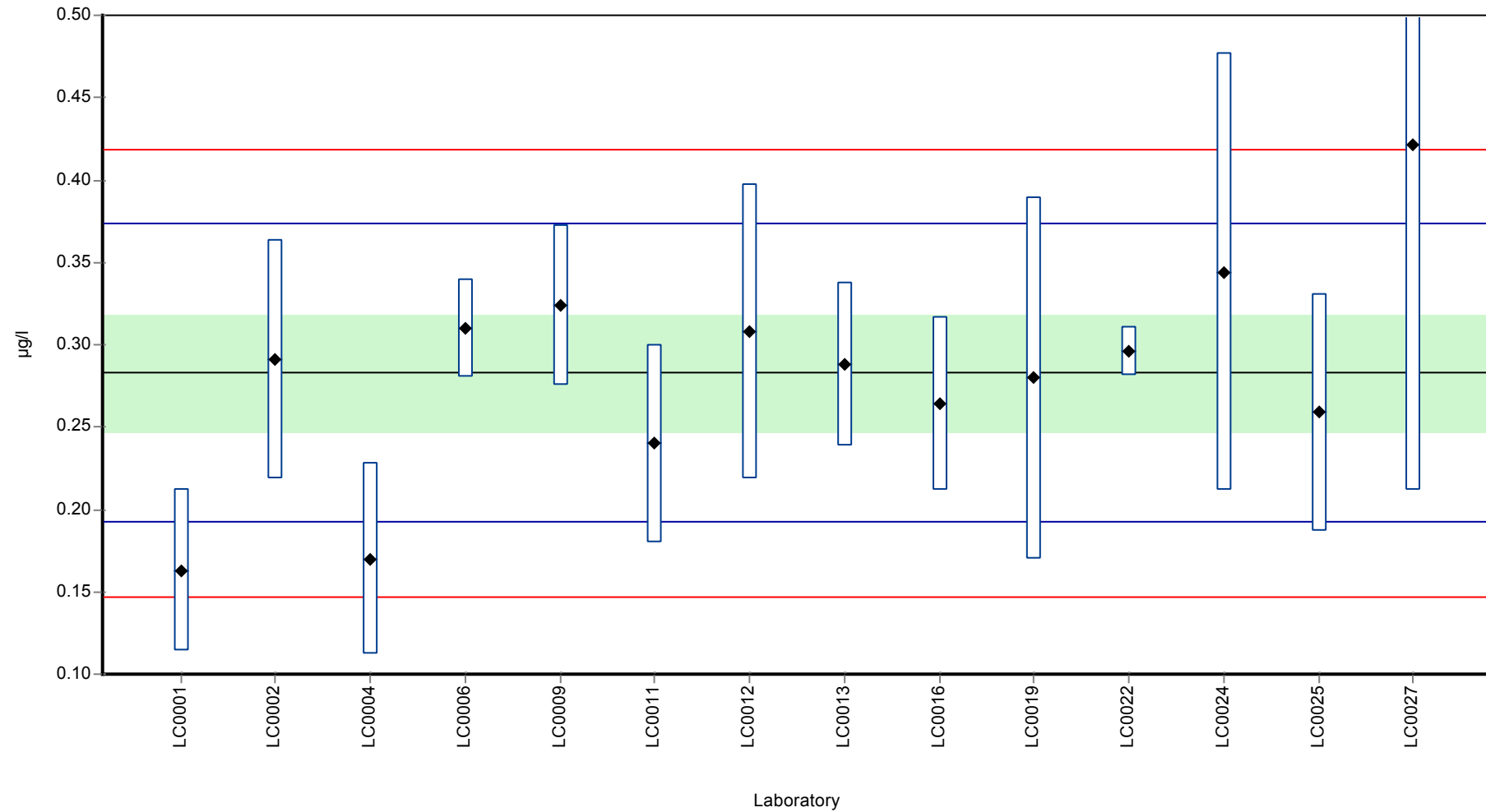
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.163	0.049	57.7	-2.65	
LC0002	0.291	0.073	103	0.18	
LC0003	-	-	-	-	
LC0004	0.17	0.058	60.1	-2.49	
LC0005	-	-	-	-	
LC0006	0.31	0.03	110	0.6	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.324	0.049	115	0.91	
LC0010	-	-	-	-	
LC0011	0.24	0.06	84.9	-0.94	
LC0012	0.308	0.09	109	0.56	
LC0013	0.288	0.05	102	0.12	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.264	0.053	93.4	-0.41	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.28	0.11	99	-0.06	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.296	0.015	105	0.29	
LC0023	-	-	-	-	
LC0024	0.344	0.133	122	1.35	
LC0025	0.259	0.072	91.6	-0.52	
LC0026	-	-	-	-	
LC0027	0.421	0.21	149	3.06	

Characteristics of parameter

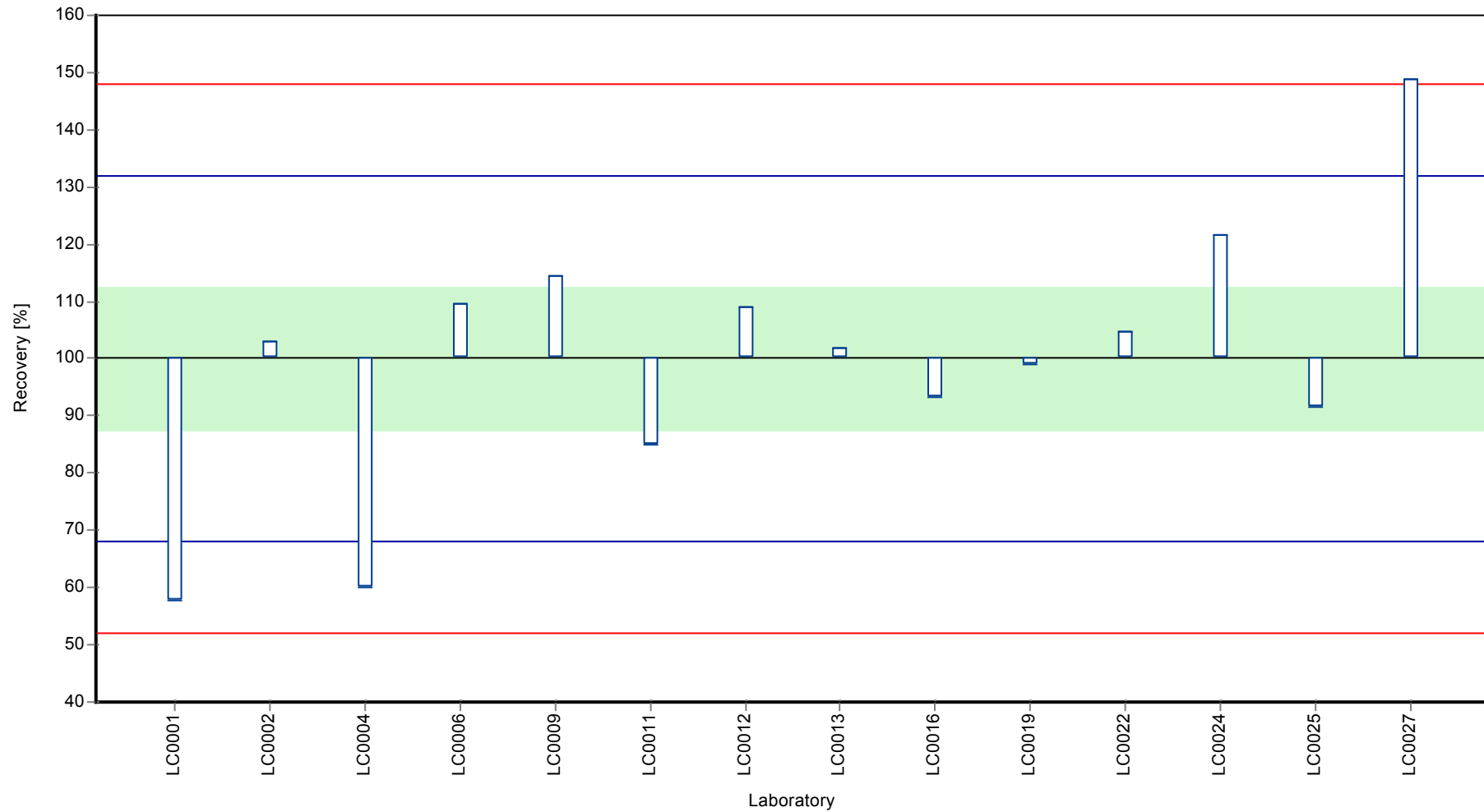
	all results	without outliers	Unit
Mean ± CI (99%)	0.283 ± 0.0526	0.283 ± 0.0526	µg/l
Minimum	0.163	0.163	µg/l
Maximum	0.421	0.421	µg/l
Standard deviation	0.0656	0.0656	µg/l
rel. standard deviation	23.2	23.2	%
n	14	14	-

Graphical presentation of results

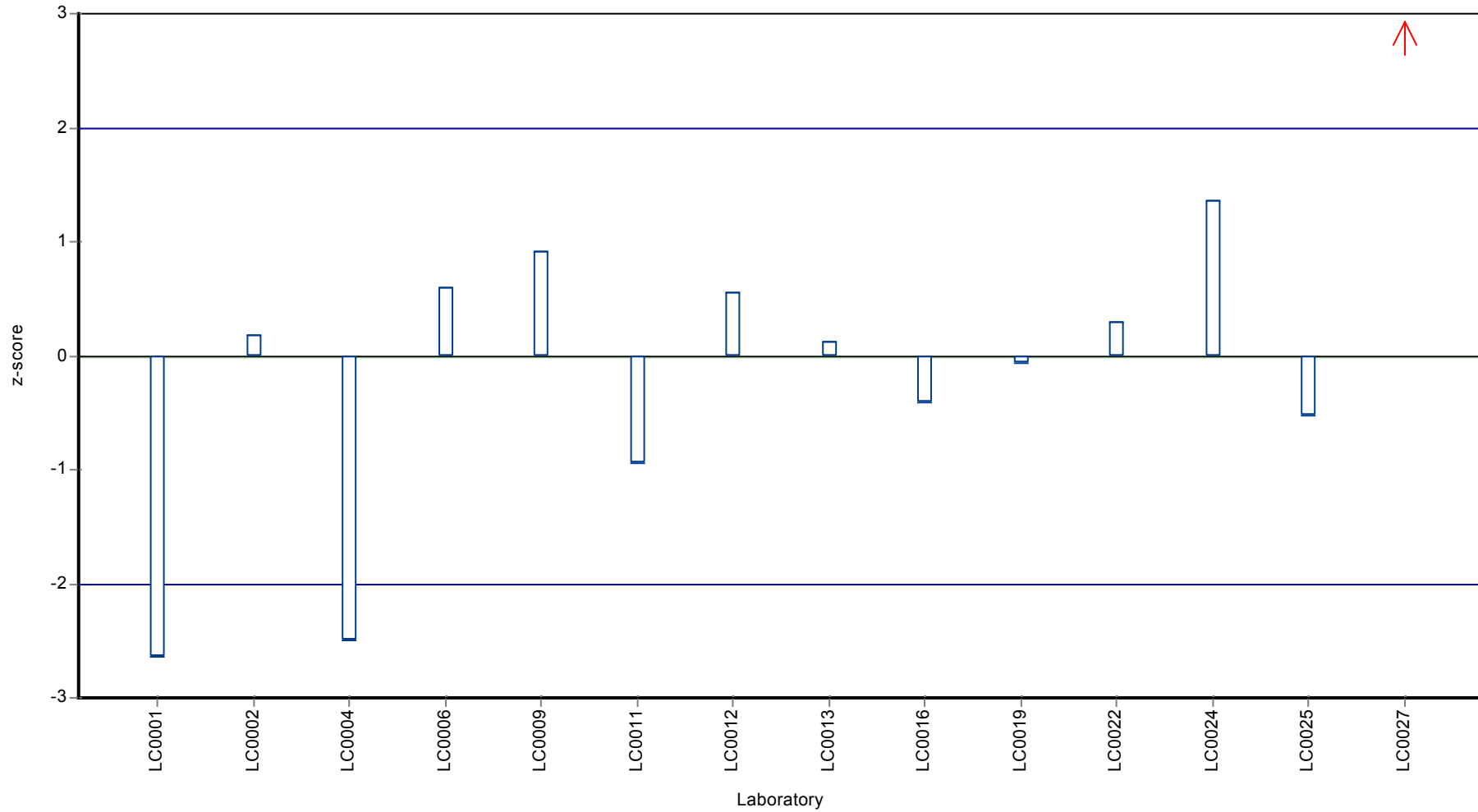
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Lindane (Gamma-HCH)

Unit	µg/l
Assigned value ± U (k=2)	0.284 ± 0.0232
Criterion	0.0596 (21 %)
Minimum - Maximum	0.21 - 0.33
Control test value ± U (k=2)	0.277 ± 0.111

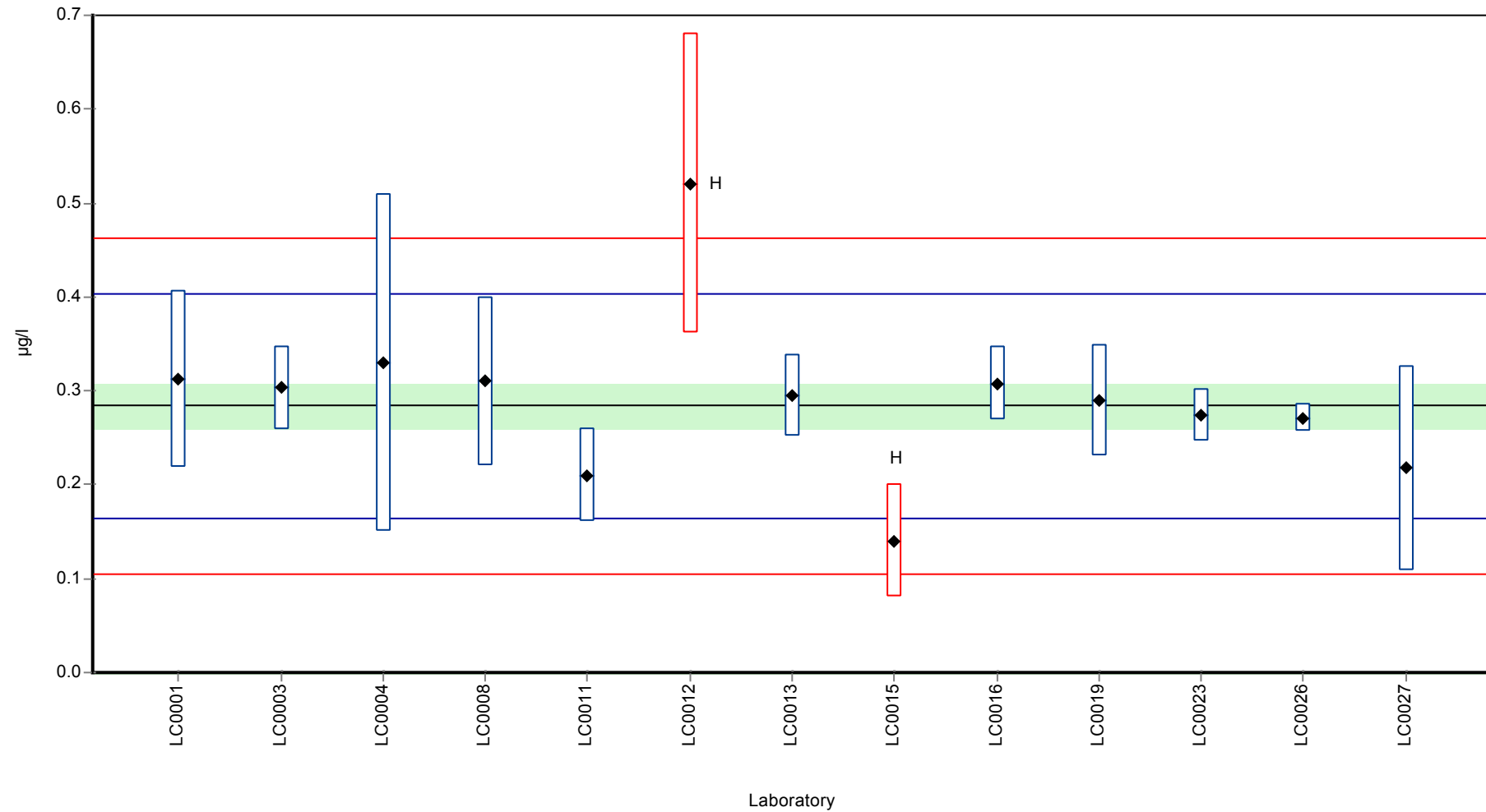
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.313	0.094	110	0.49	
LC0002	-	-	-	-	
LC0003	0.303	0.045	107	0.32	
LC0004	0.33	0.18	116	0.78	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.31	0.09	109	0.44	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.21	0.05	74	-1.24	
LC0012	0.521	0.16	184	3.98	H
LC0013	0.295	0.044	104	0.19	
LC0014	-	-	-	-	
LC0015	0.14	0.06	49.3	-2.41	H
LC0016	0.308	0.04	109	0.41	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.29	0.06	102	0.1	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.274	0.02721	96.5	-0.17	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.271	0.015	95.5	-0.21	
LC0027	0.218	0.109	76.8	-1.1	

Characteristics of parameter

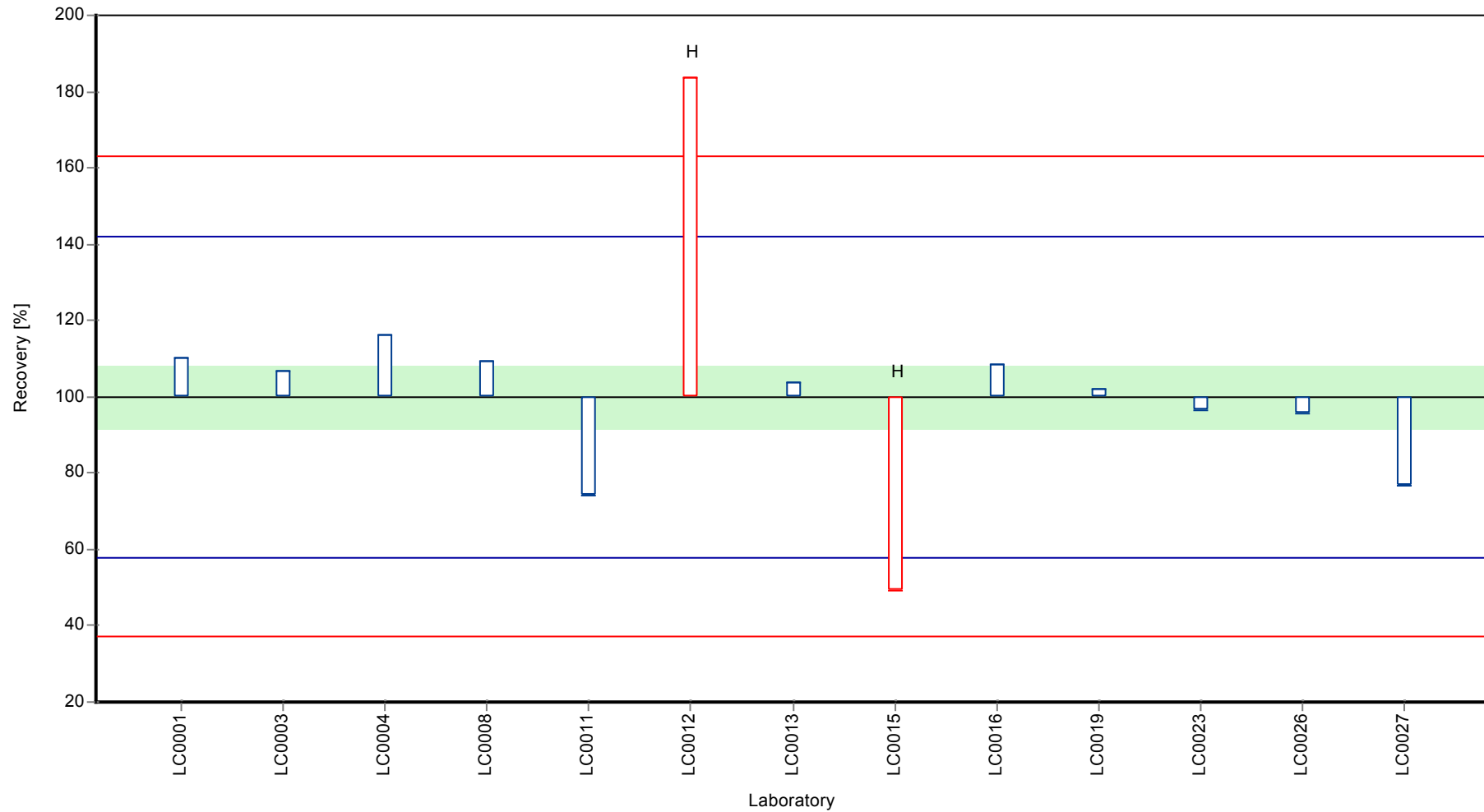
	all results	without outliers	Unit
Mean ± CI (99%)	0.291 ± 0.0725	0.284 ± 0.0348	µg/l
Minimum	0.14	0.21	µg/l
Maximum	0.521	0.33	µg/l
Standard deviation	0.0871	0.0385	µg/l
rel. standard deviation	29.9	13.6	%
n	13	11	-

Graphical presentation of results

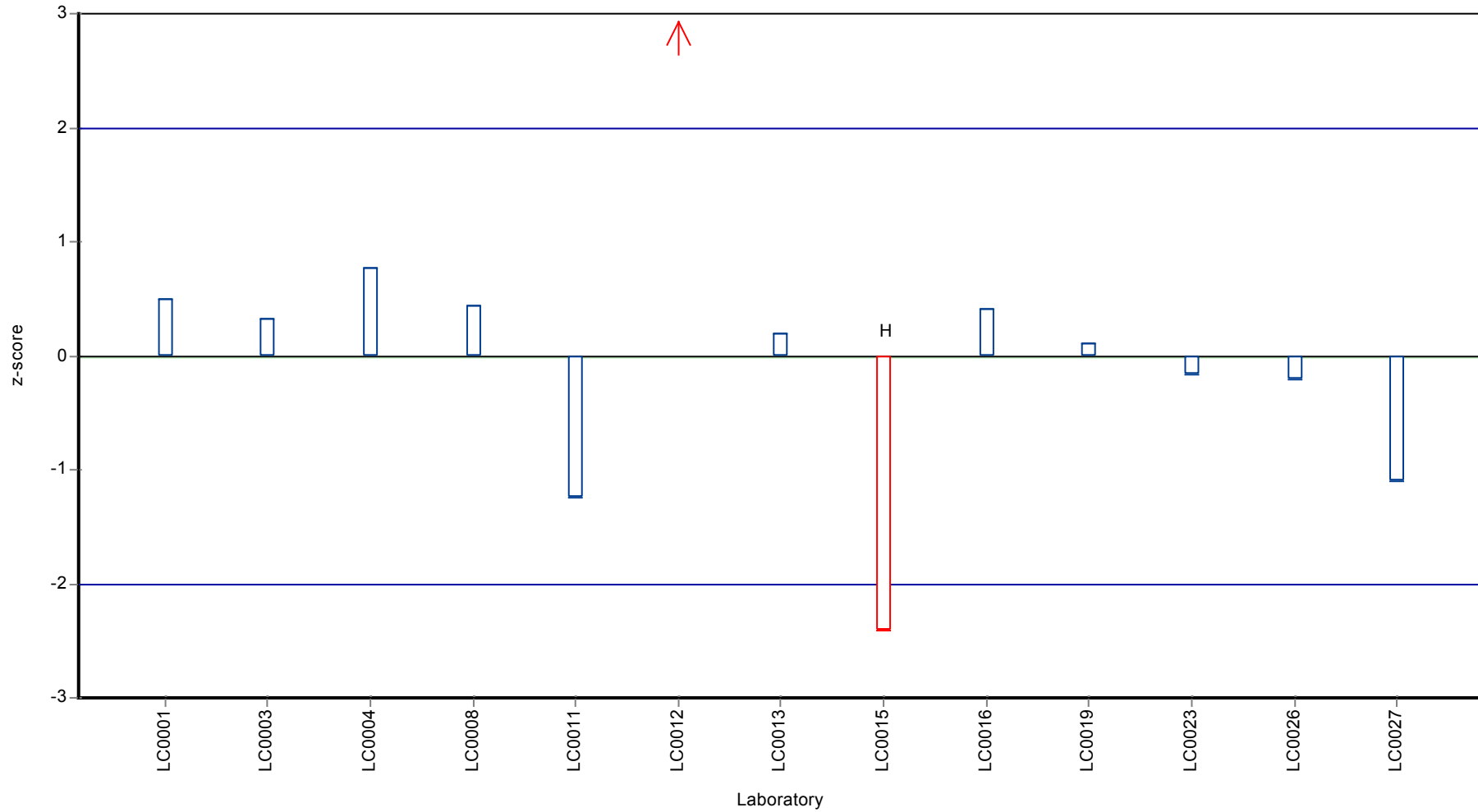
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Lindane (Gamma-HCH)

Unit	µg/l
Assigned value ± U (k=2)	0.572 ± 0.0481
Criterion	0.12 (21 %)
Minimum - Maximum	0.44 - 0.74
Control test value ± U (k=2)	0.664 ± 0.266

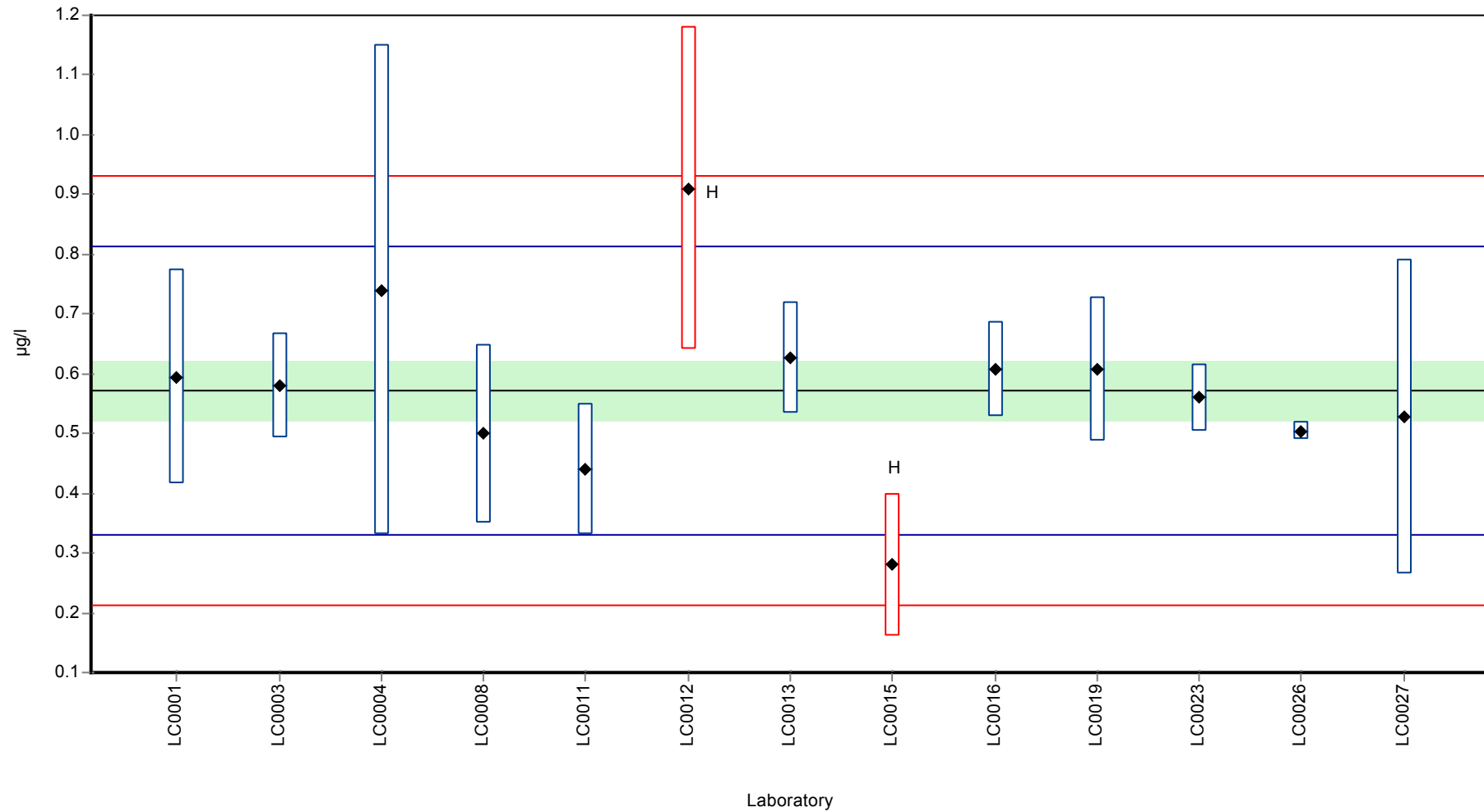
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.595	0.179	104	0.19	
LC0002	-	-	-	-	
LC0003	0.58	0.087	101	0.07	
LC0004	0.74	0.41	129	1.4	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.5	0.15	87.5	-0.6	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.44	0.11	77	-1.1	
LC0012	0.91	0.27	159	2.82	H
LC0013	0.627	0.094	110	0.46	
LC0014	-	-	-	-	
LC0015	0.28	0.12	49	-2.43	H
LC0016	0.608	0.079	106	0.3	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.607	0.12	106	0.29	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.56	0.05556	97.9	-0.1	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.504	0.015	88.2	-0.56	
LC0027	0.528	0.264	92.4	-0.36	

Characteristics of parameter

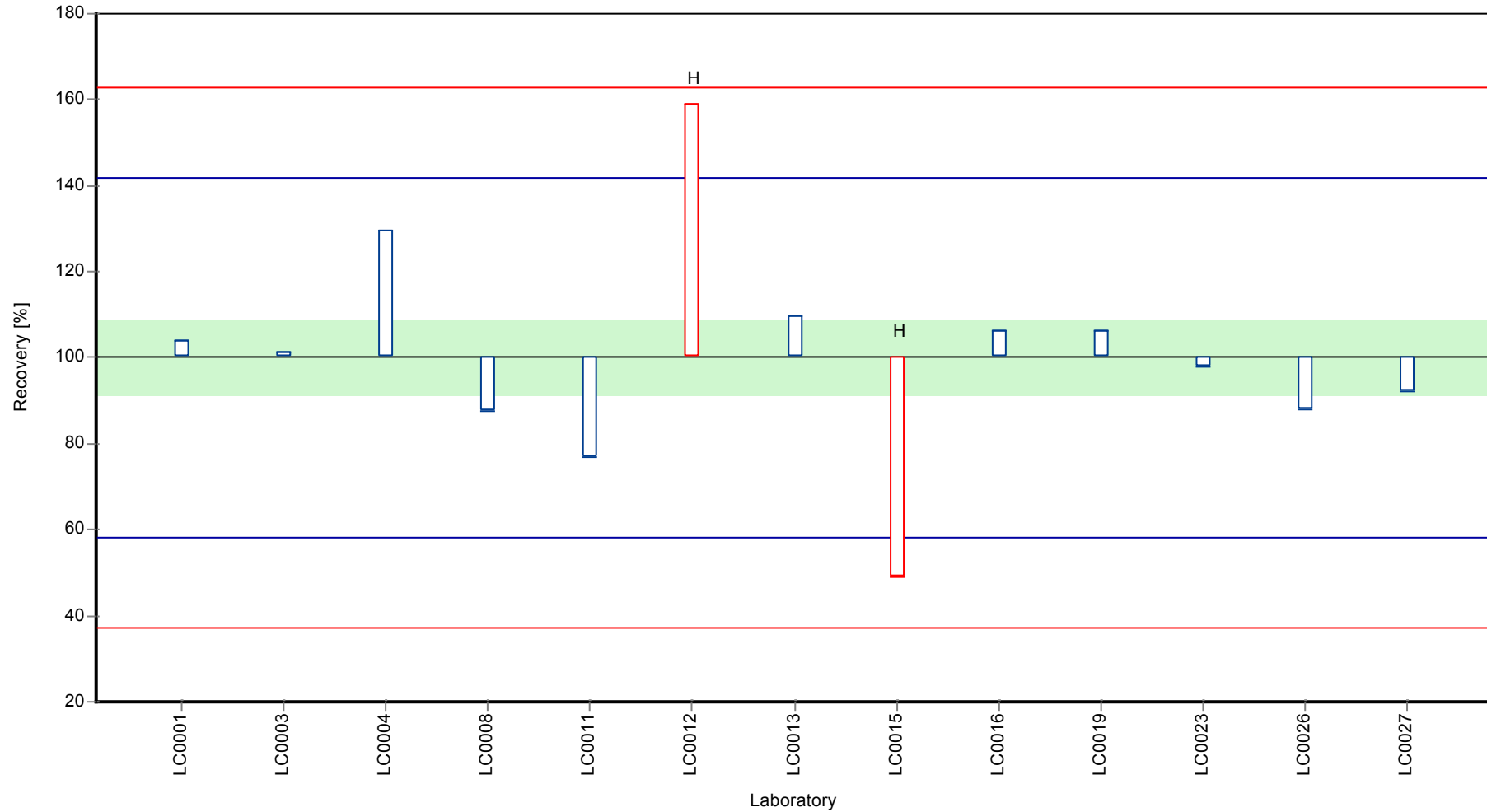
	all results	without outliers	Unit
Mean ± CI (99%)	0.575 ± 0.123	0.572 ± 0.0722	µg/l
Minimum	0.28	0.44	µg/l
Maximum	0.91	0.74	µg/l
Standard deviation	0.148	0.0798	µg/l
rel. standard deviation	25.7	14 %	
n	13	11	-

Graphical presentation of results

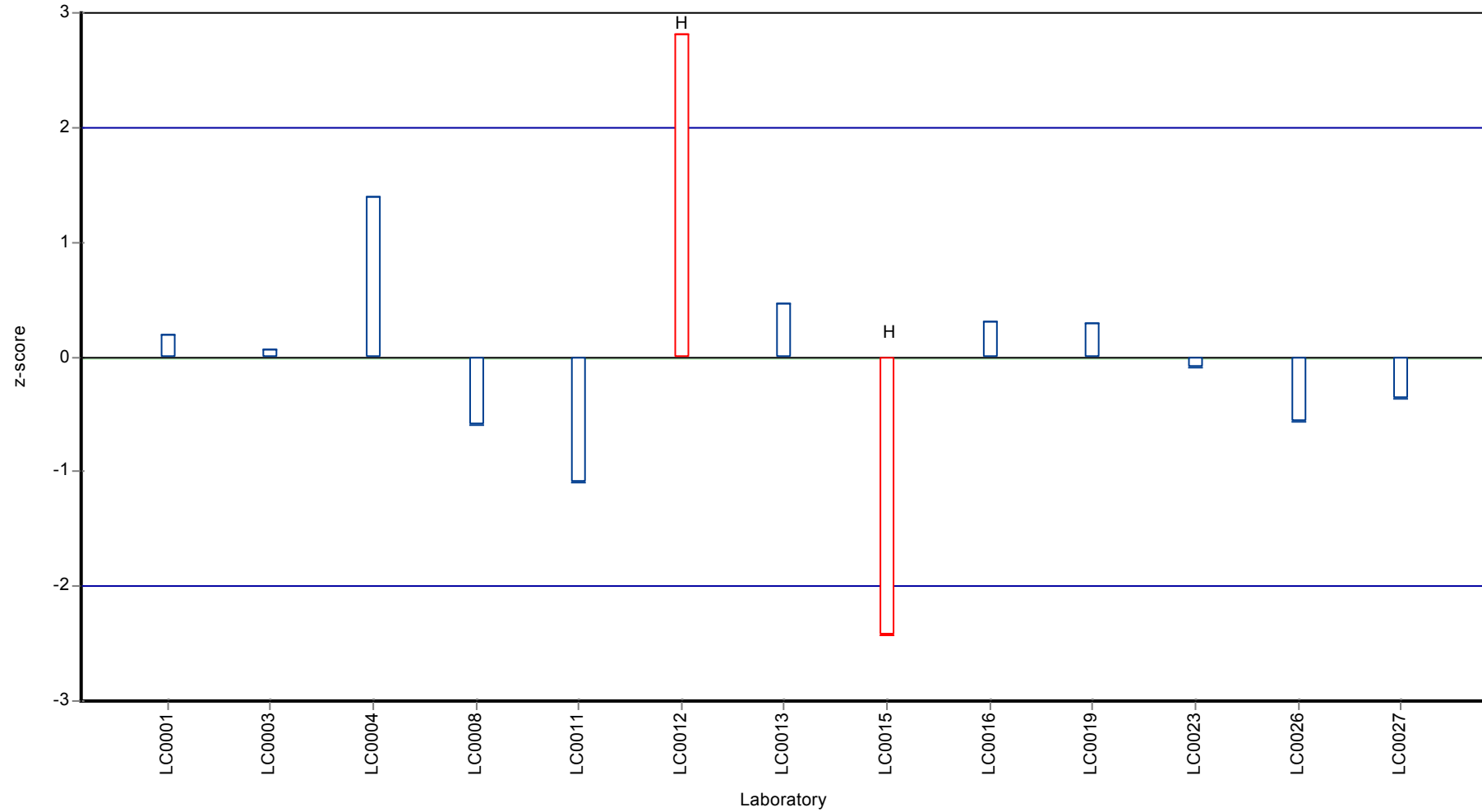
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Nitenpyram

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.138 - 0.158
Control test value ± U (k=2)	0.145 ± 0.0217

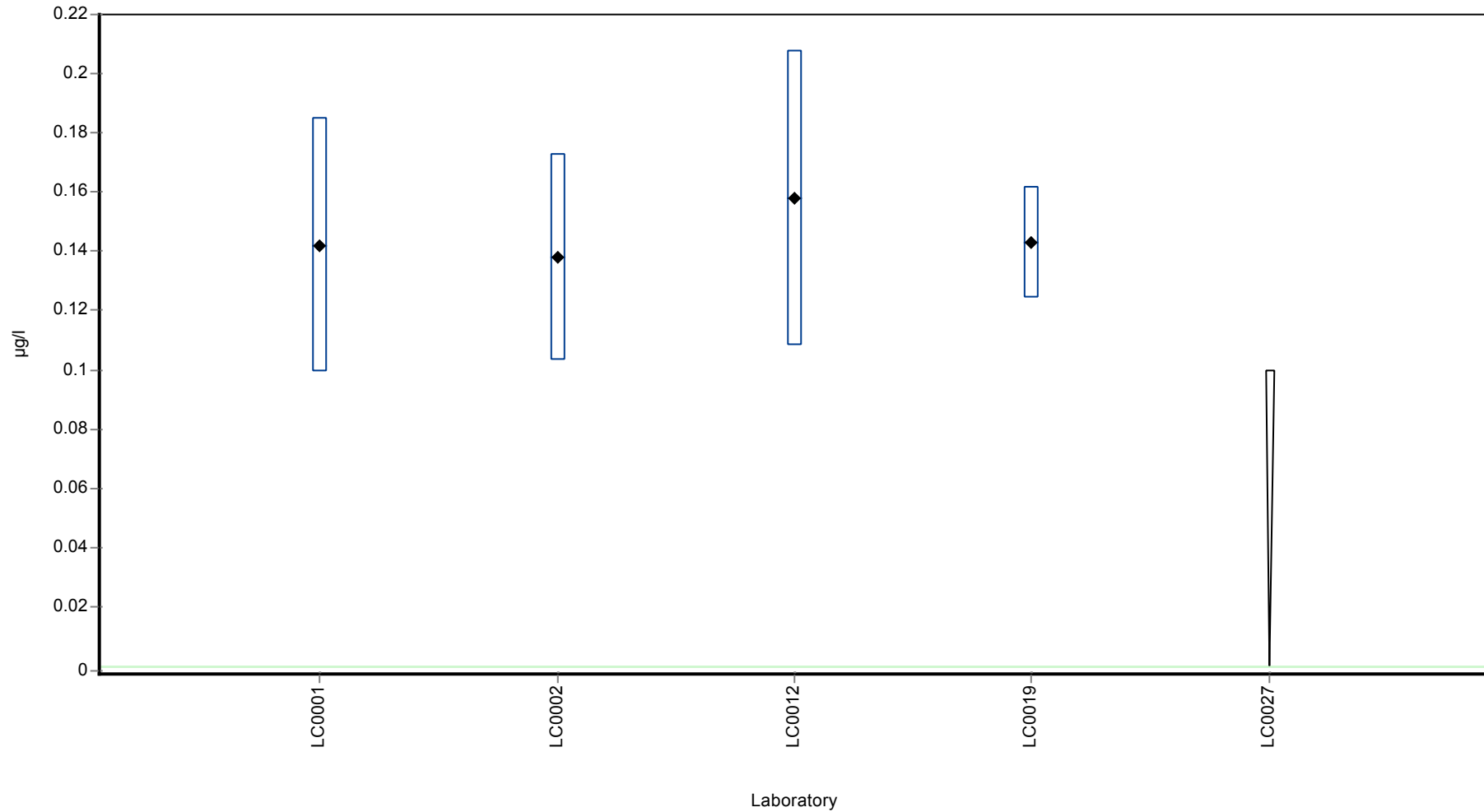
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.142	0.043	-	-	
LC0002	0.138	0.035	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.158	0.05	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.143	0.019	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	< 0.1 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.145 ± 0.0132	-	µg/l
Minimum	0.138	0.138	µg/l
Maximum	0.158	0.158	µg/l
Standard deviation	0.00877	-	µg/l
rel. standard deviation	6.04	-	%
n	4	4	-

Graphical presentation of results

Results



Parameter oriented report

H105 B

Nitenpyram

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.264 - 0.362
Control test value ± U (k=2)	0.313 ± 0.047

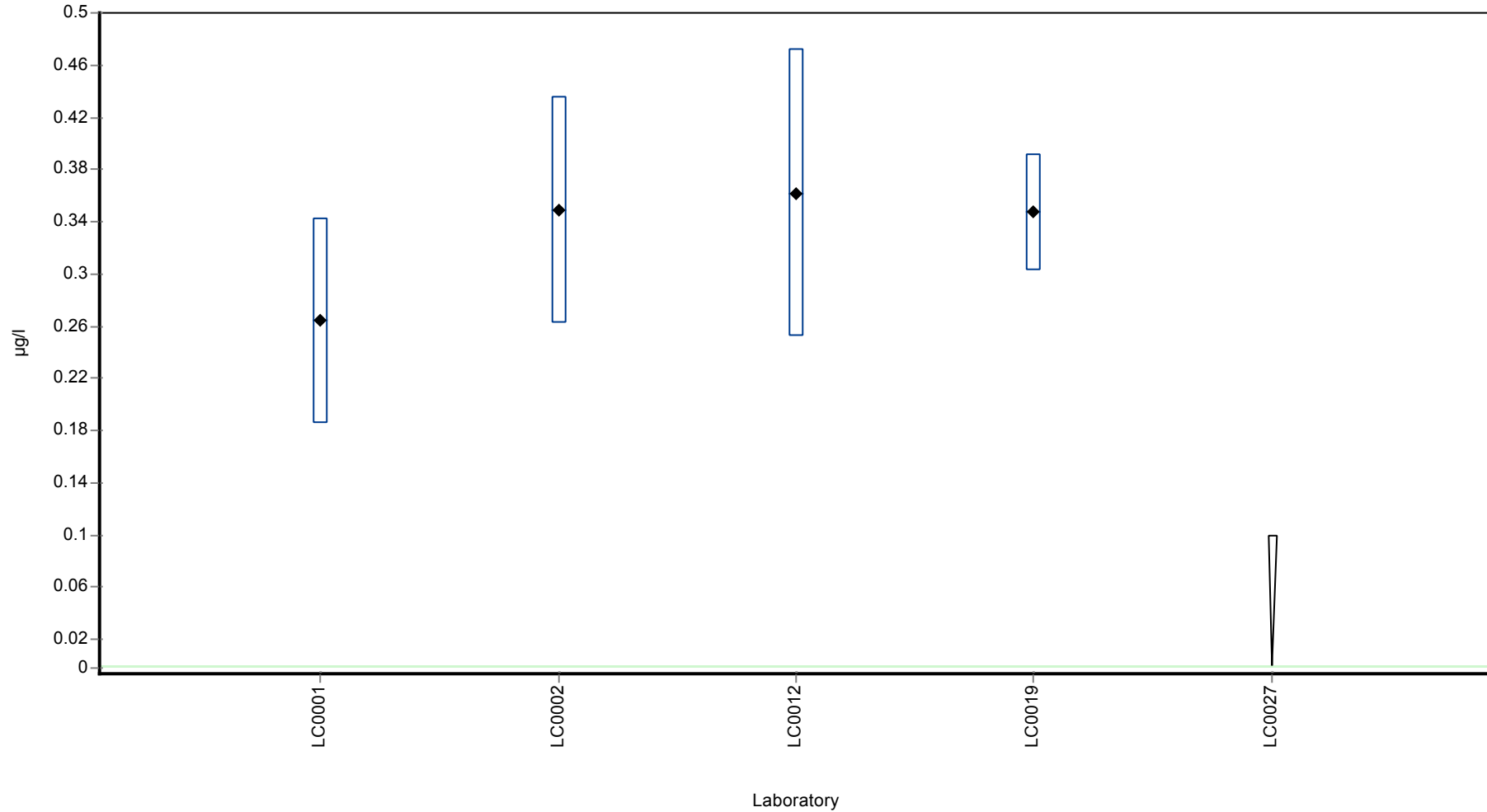
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.264	0.079	-	-	
LC0002	0.349	0.087	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.362	0.11	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.347	0.045	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	< 0.1 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.331 ± 0.0672	-	µg/l
Minimum	0.264	0.264	µg/l
Maximum	0.362	0.362	µg/l
Standard deviation	0.0448	-	µg/l
rel. standard deviation	13.6	-	%
n	4	4	-

Graphical presentation of results

Results



Parameter oriented report

H105 A

Prometryn

Unit	µg/l
Assigned value ± U (k=2)	0.188 ± 0.0119
Criterion	0.0225 (12 %)
Minimum - Maximum	0.151 - 0.222
Control test value ± U (k=2)	0.223 ± 0.0334

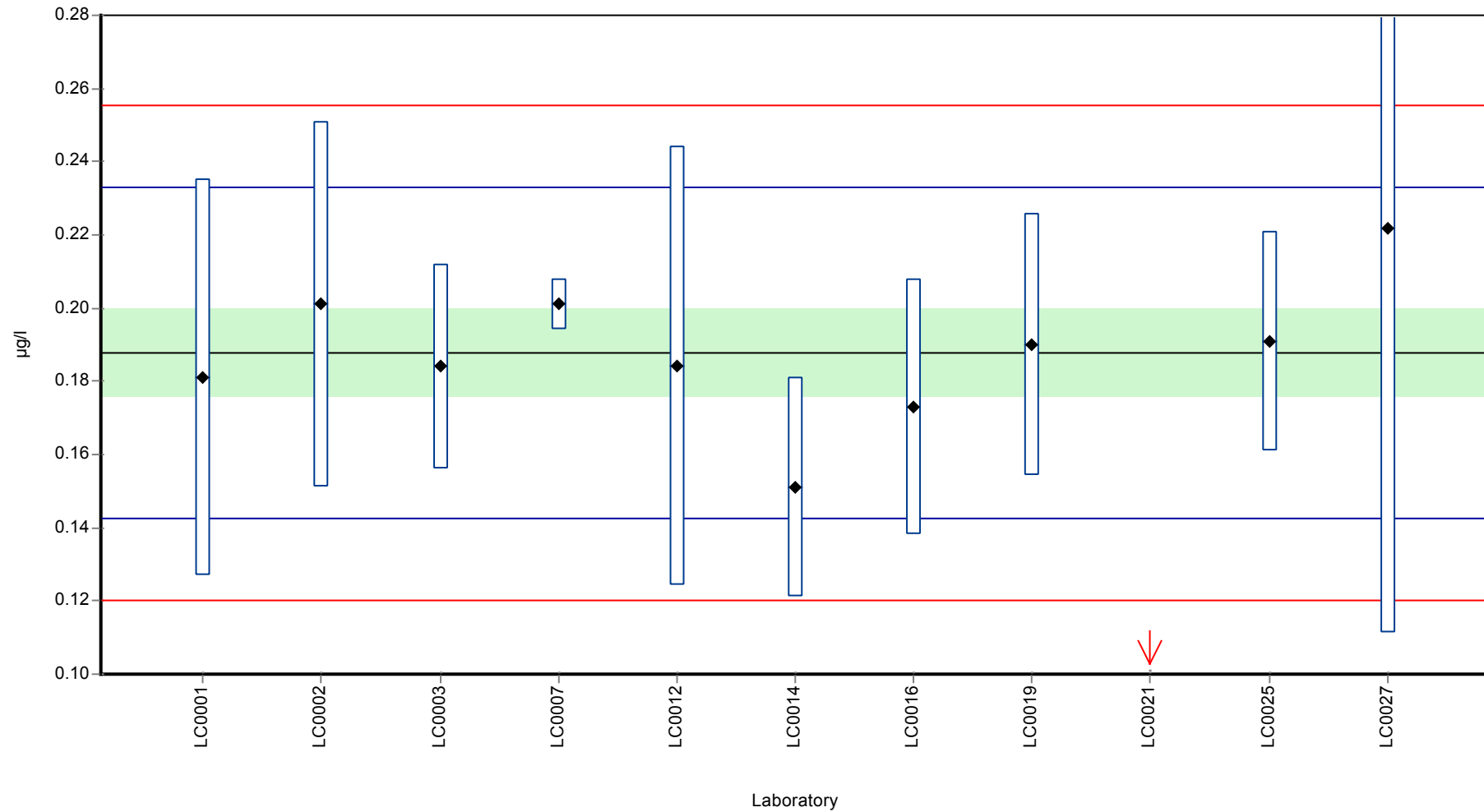
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.181	0.054	96.4	-0.3	
LC0002	0.201	0.05	107	0.59	
LC0003	0.184	0.028	98	-0.17	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.201	0.007	107	0.59	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.184	0.06	98	-0.17	
LC0013	-	-	-	-	
LC0014	0.151	0.03	80.4	-1.63	
LC0015	-	-	-	-	
LC0016	0.173	0.035	92.1	-0.66	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.19	0.036	101	0.1	
LC0020	-	-	-	-	
LC0021	0.08	0.035	42.6	-4.78	H
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.191	0.03	102	0.14	
LC0026	-	-	-	-	
LC0027	0.222	0.111	118	1.52	

Characteristics of parameter

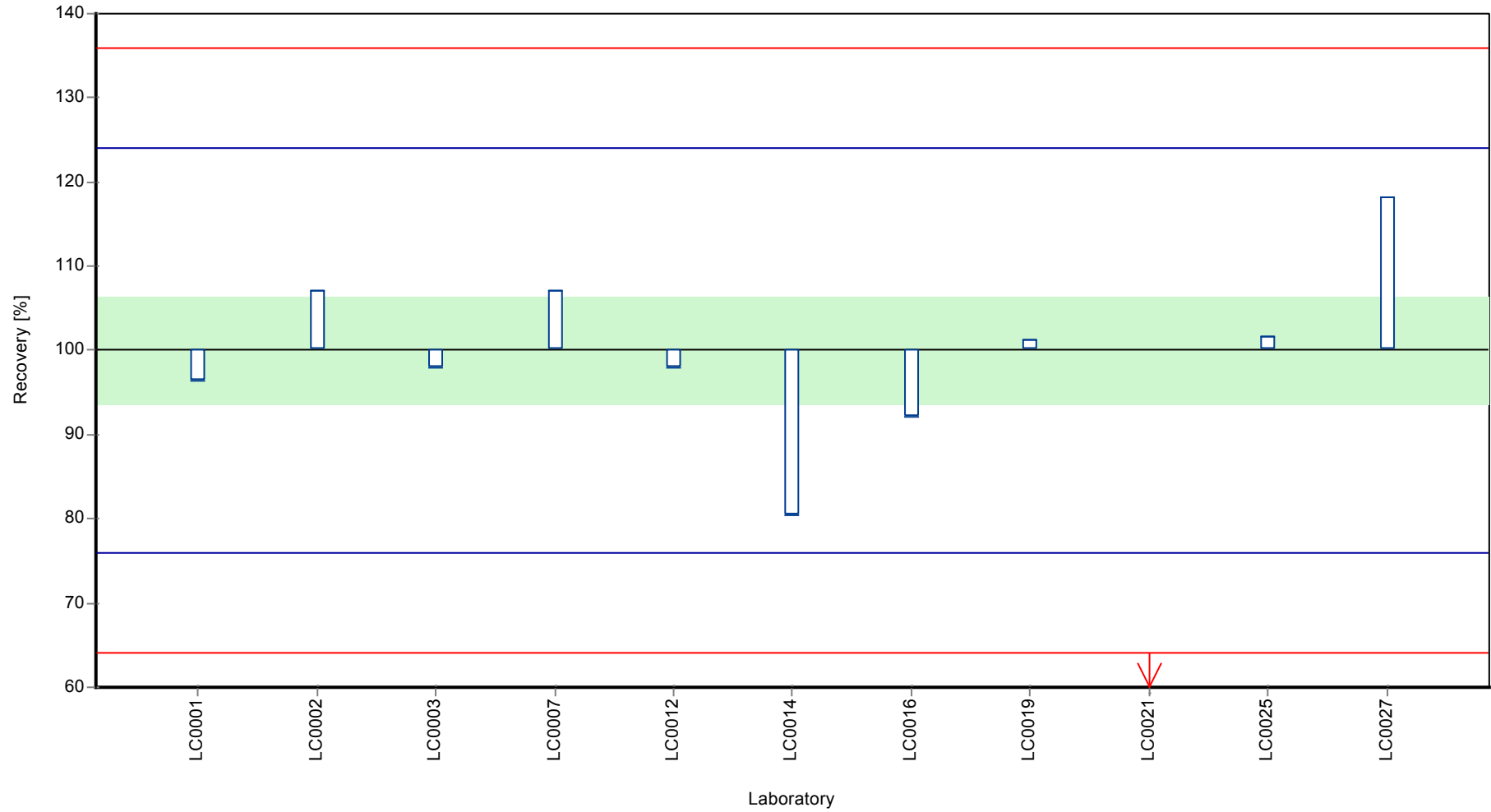
	all results	without outliers	Unit
Mean ± CI (99%)	0.178 ± 0.0335	0.188 ± 0.0178	µg/l
Minimum	0.08	0.151	µg/l
Maximum	0.222	0.222	µg/l
Standard deviation	0.0371	0.0188	µg/l
rel. standard deviation	20.8	10 %	
n	11	10	-

Graphical presentation of results

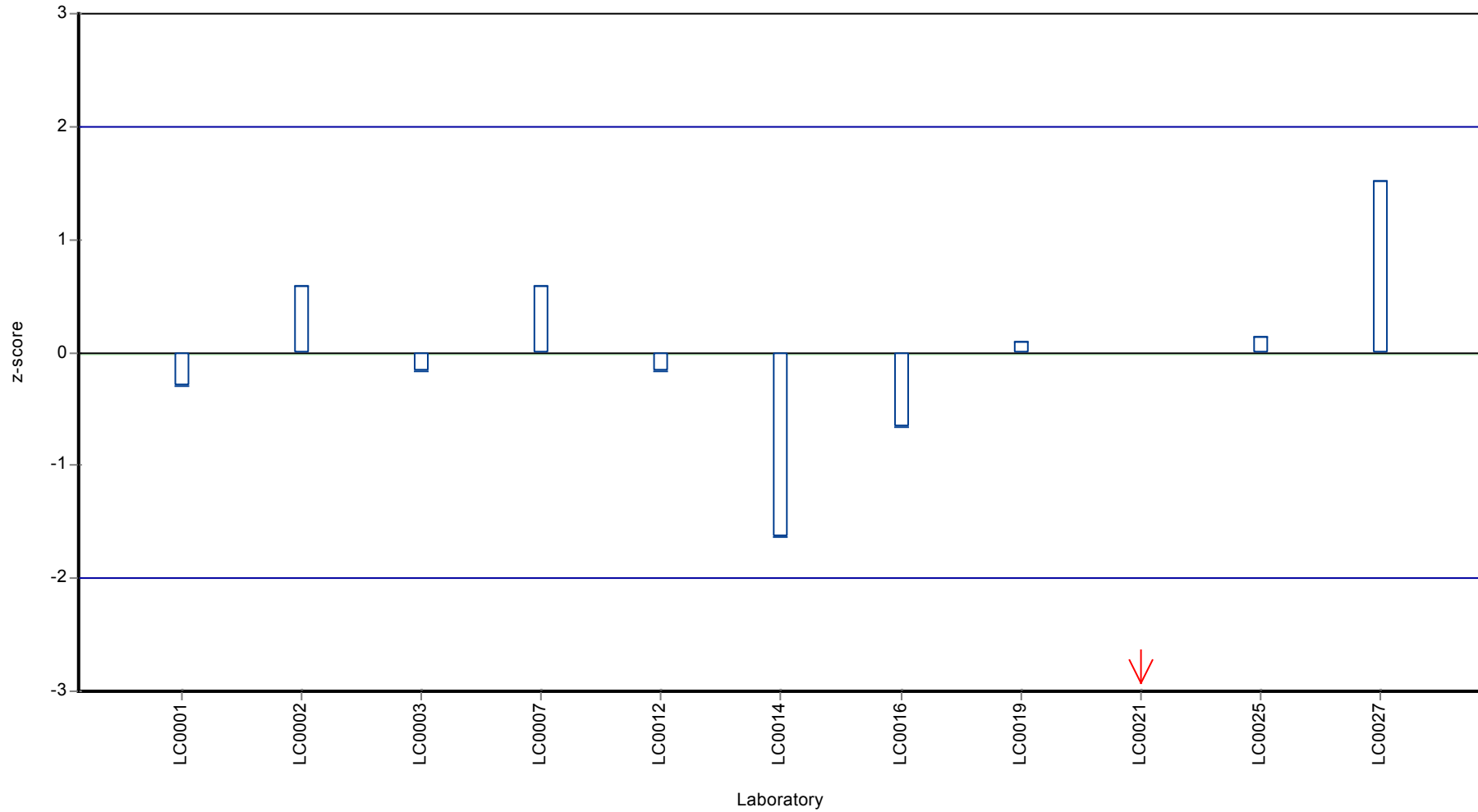
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Prometryn

Unit	µg/l
Assigned value ± U (k=2)	0.432 ± 0.046
Criterion	0.0519 (12 %)
Minimum - Maximum	0.283 - 0.501
Control test value ± U (k=2)	0.523 ± 0.0785

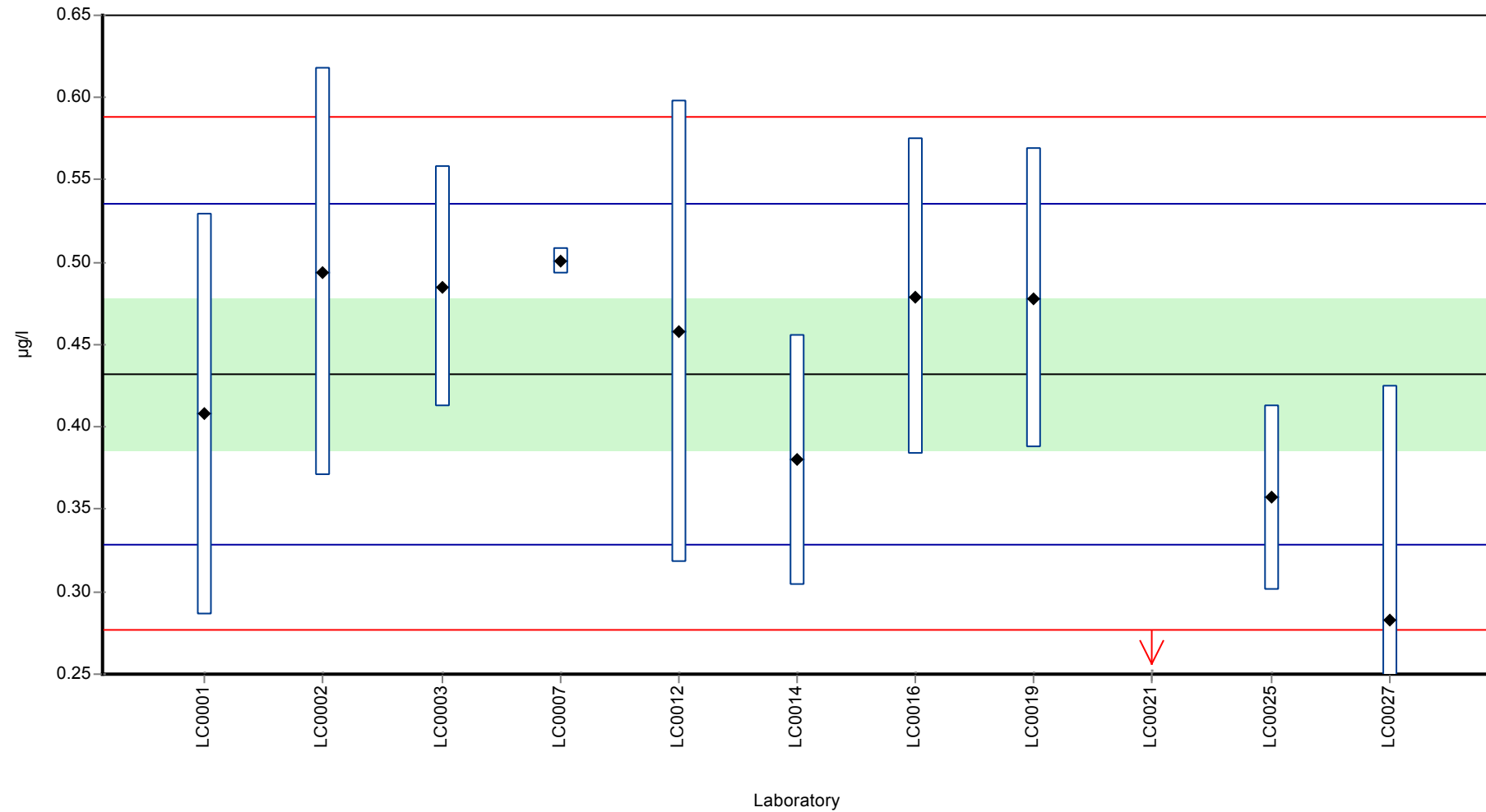
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.408	0.122	94.4	-0.47	
LC0002	0.494	0.124	114	1.19	
LC0003	0.485	0.073	112	1.02	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.501	0.008	116	1.32	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.458	0.14	106	0.49	
LC0013	-	-	-	-	
LC0014	0.38	0.076	87.9	-1.01	
LC0015	-	-	-	-	
LC0016	0.479	0.096	111	0.9	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.478	0.091	111	0.88	
LC0020	-	-	-	-	
LC0021	0.196	0.086	45.3	-4.56	H
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.357	0.056	82.6	-1.45	
LC0026	-	-	-	-	
LC0027	0.283	0.142	65.5	-2.88	

Characteristics of parameter

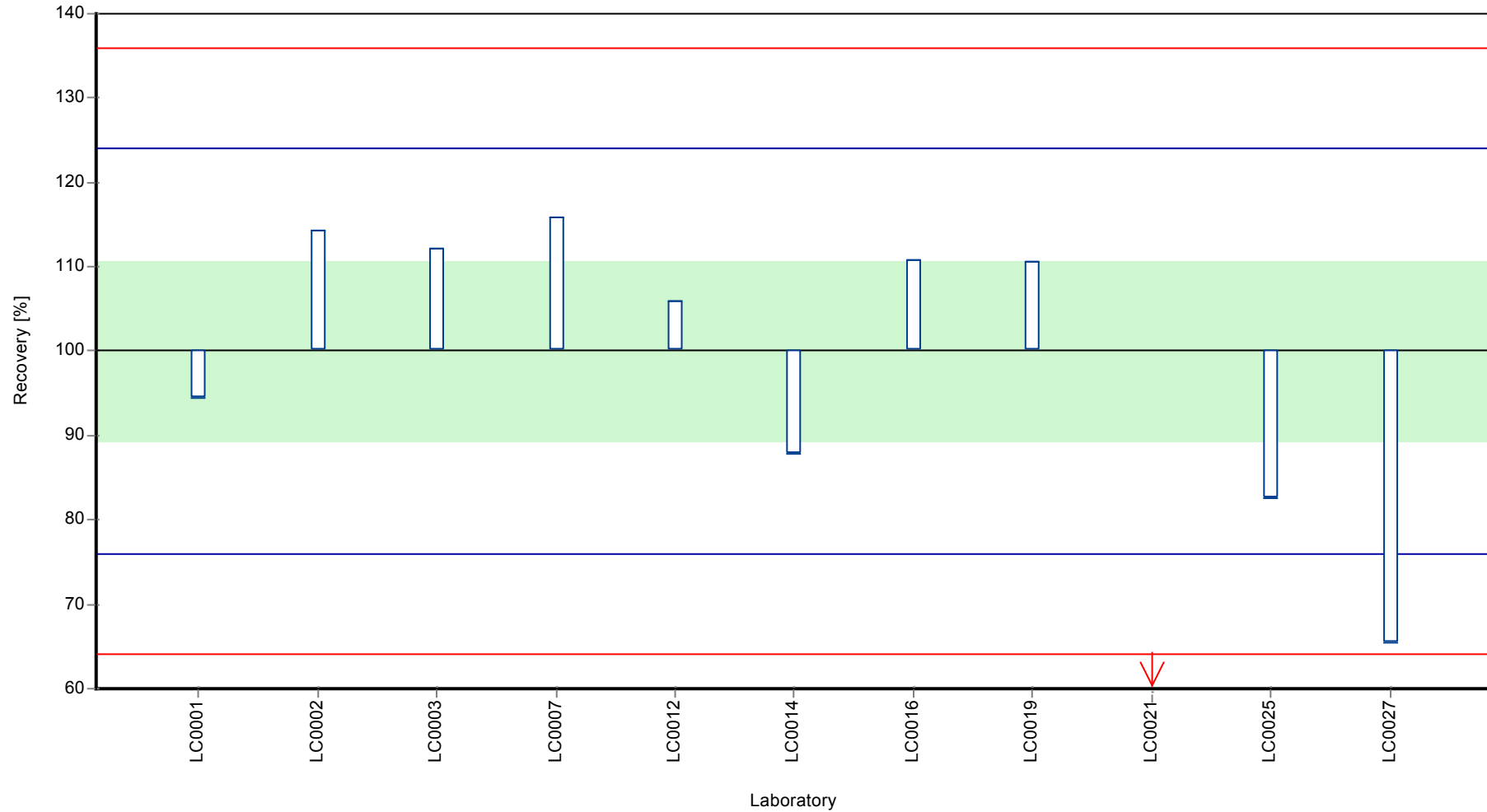
	all results	without outliers	Unit
Mean ± CI (99%)	0.411 ± 0.0897	0.432 ± 0.0689	µg/l
Minimum	0.196	0.283	µg/l
Maximum	0.501	0.501	µg/l
Standard deviation	0.0991	0.0727	µg/l
rel. standard deviation	24.1	16.8 %	
n	11	10	-

Graphical presentation of results

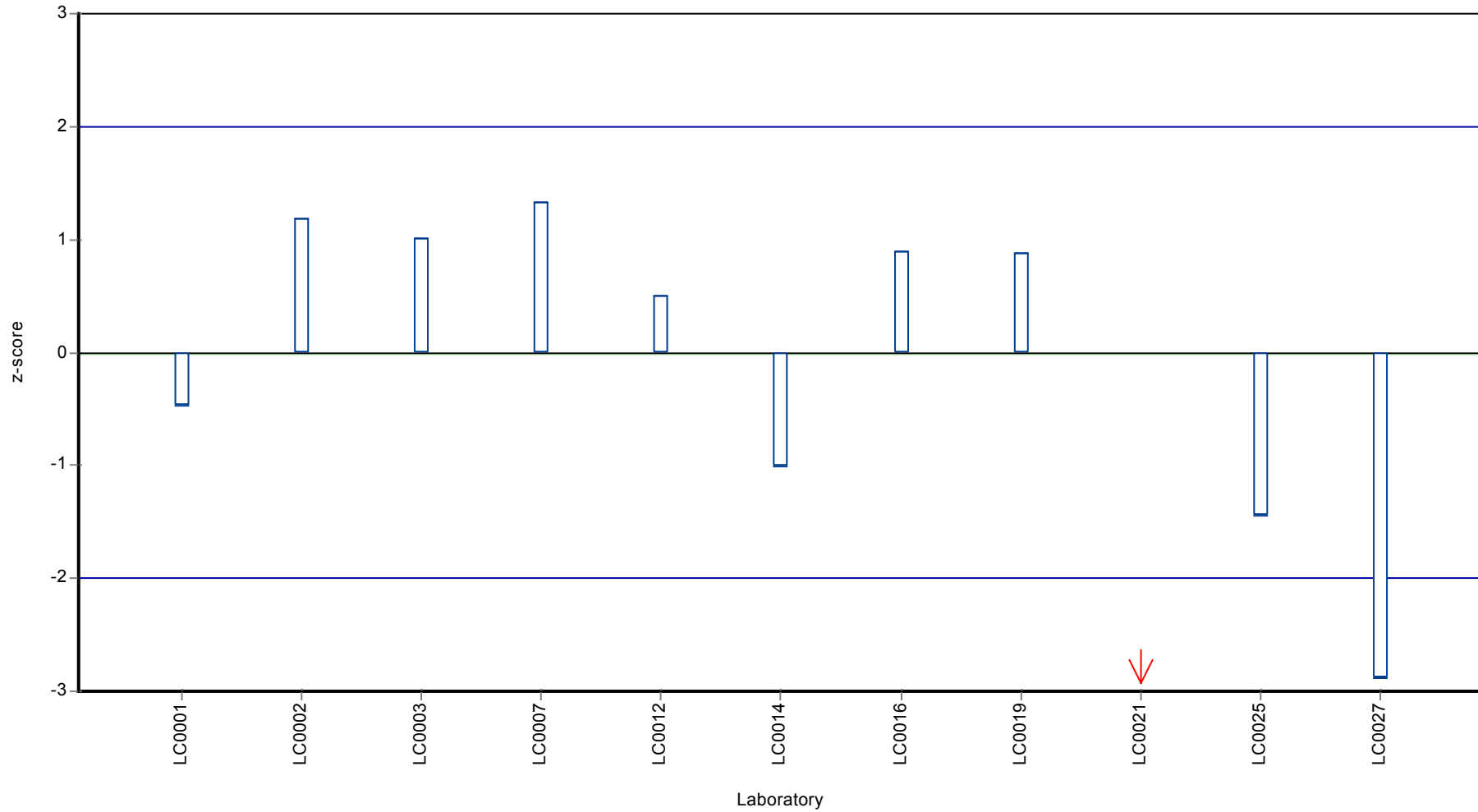
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Propazine

Unit	µg/l
Assigned value ± U (k=2)	0.0549 ± 0.00397
Criterion	0.00659 (12 %)
Minimum - Maximum	0.047 - 0.0642
Control test value ± U (k=2)	0.0603 ± 0.00904

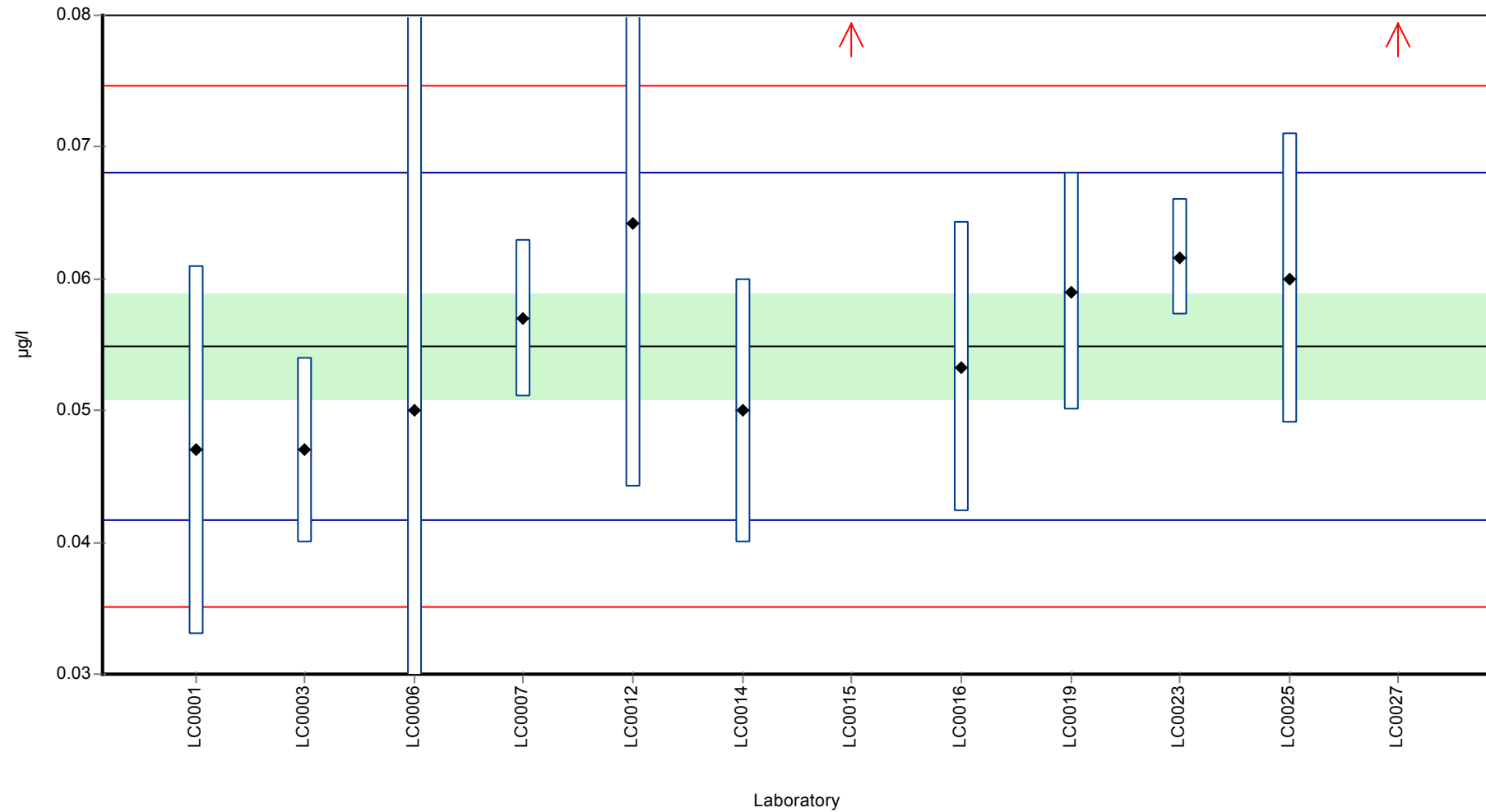
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.047	0.014	85.6	-1.2	
LC0002	-	-	-	-	
LC0003	0.047	0.007	85.6	-1.2	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.05	0.03	91.1	-0.74	
LC0007	0.057	0.006	104	0.32	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.0642	0.02	117	1.41	
LC0013	-	-	-	-	
LC0014	0.05	0.01	91.1	-0.74	
LC0015	0.14	0.06	255	12.9	H
LC0016	0.0533	0.011	97.1	-0.24	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.059	0.009	107	0.62	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.0616	0.00442	112	1.02	
LC0024	-	-	-	-	
LC0025	0.06	0.011	109	0.77	
LC0026	-	-	-	-	
LC0027	0.591	0.27	1080	81.4	H

Characteristics of parameter

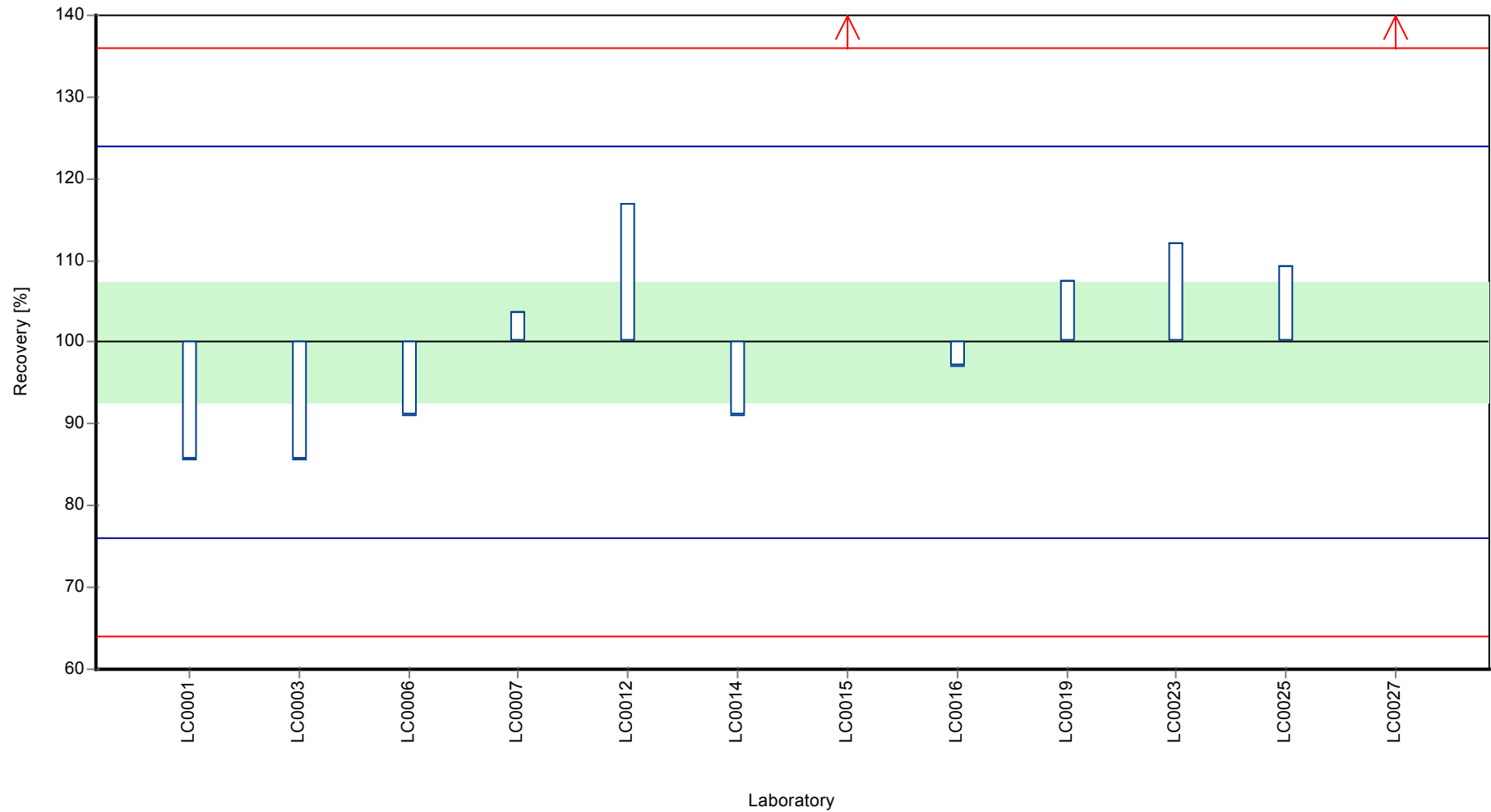
	all results	without outliers	Unit
Mean ± CI (99%)	0.107 ± 0.134	0.0549 ± 0.00595	µg/l
Minimum	0.047	0.047	µg/l
Maximum	0.591	0.0642	µg/l
Standard deviation	0.155	0.00627	µg/l
rel. standard deviation	145	11.4	%
n	12	10	-

Graphical presentation of results

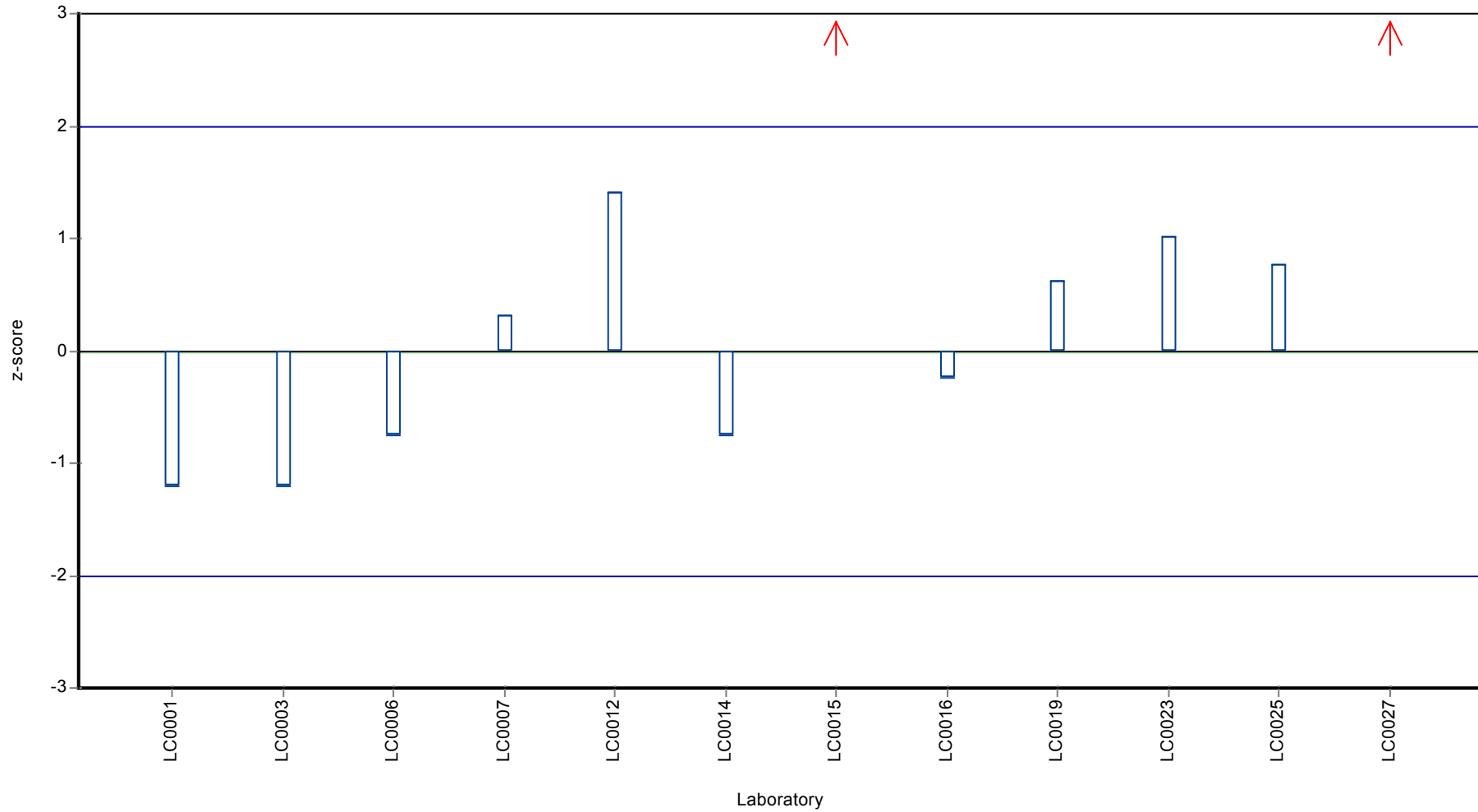
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Propazine

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.00307 - 0.464
Control test value ± U (k=2)	<0.025 (LOD)

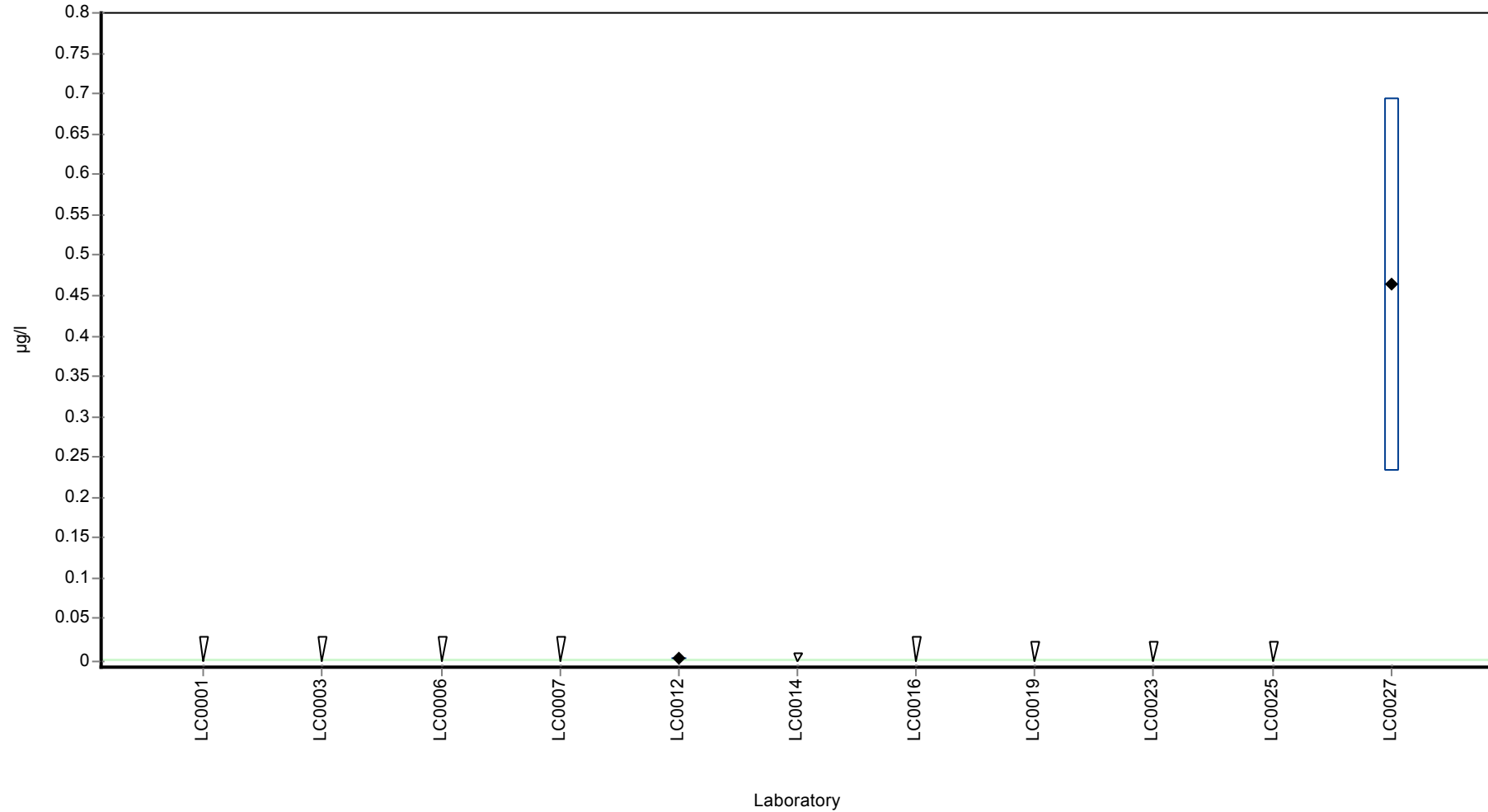
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.03 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.03 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	< 0.03 (LOQ)	-	-	-	
LC0007	< 0.03 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.00307	0.001	-	-	
LC0013	-	-	-	-	
LC0014	< 0.01 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.03 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.025 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	< 0.025 (LOQ)	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.025 (LOQ)	-	-	-	
LC0026	-	-	-	-	
LC0027	0.464	0.231	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.234 ± 0.691	-	µg/l
Minimum	0.00307	0.00307	µg/l
Maximum	0.464	0.464	µg/l
Standard deviation	0.326	-	µg/l
rel. standard deviation	140	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

H105 A

Sum Chlordane

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.0016 - 0.193
Control test value ± U (k=2)	<0.006 (LOD)

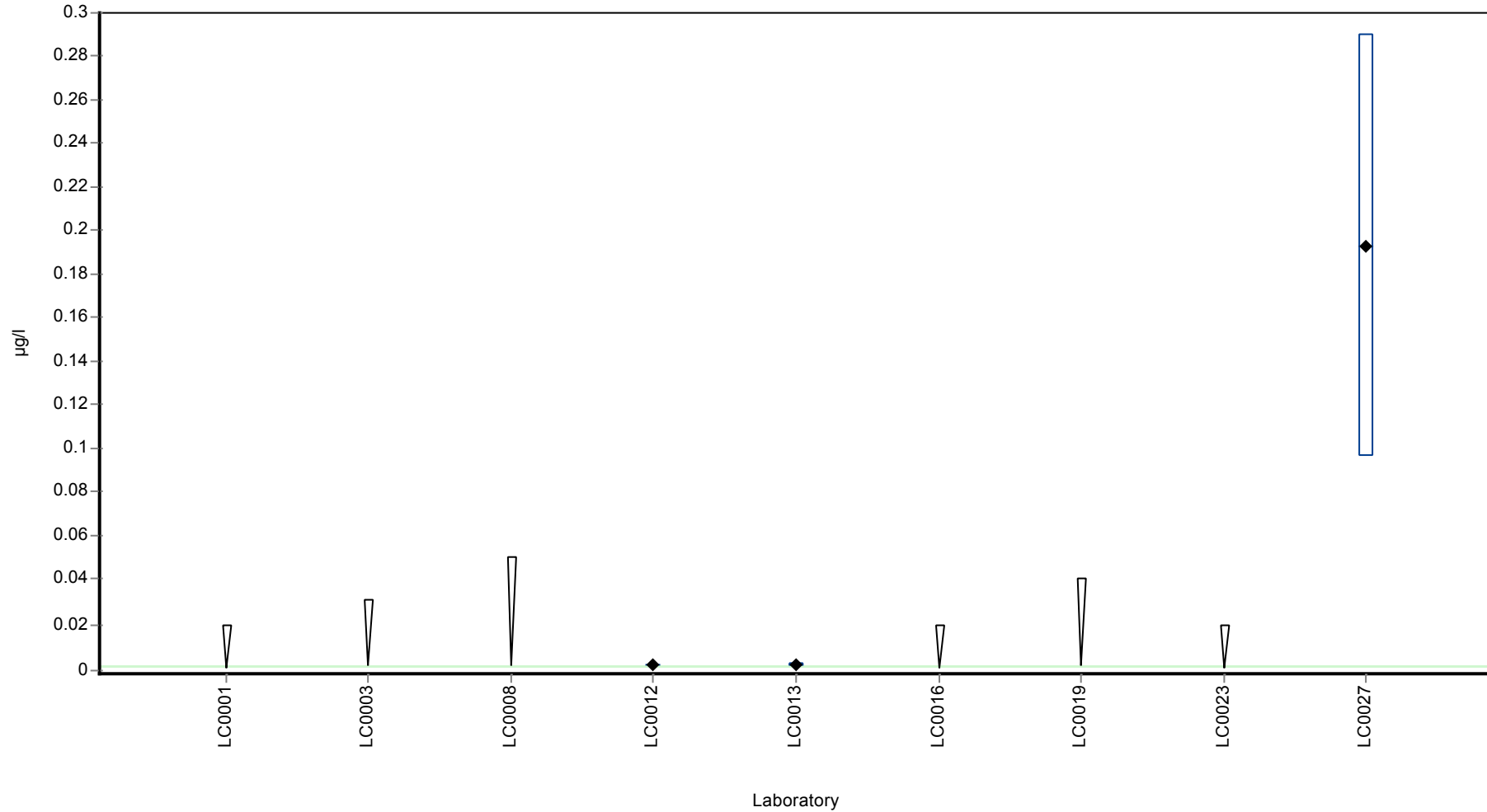
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.02 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.03 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	< 0.05 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.00184	0.0006	-	-	
LC0013	0.0016	0.0005	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.02 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.04 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	< 0.02 (LOQ)	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.193	0.097	-	-	FP

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0655 ± 0.191	-	µg/l
Minimum	0.0016	0.0016	µg/l
Maximum	0.193	0.193	µg/l
Standard deviation	0.11	-	µg/l
rel. standard deviation	169	-	%
n	3	3	-

Graphical presentation of results

Results



Parameter oriented report

H105 B

Sum Chlordane

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.0033 - 0.384
Control test value ± U (k=2)	<0.006 (LOD)

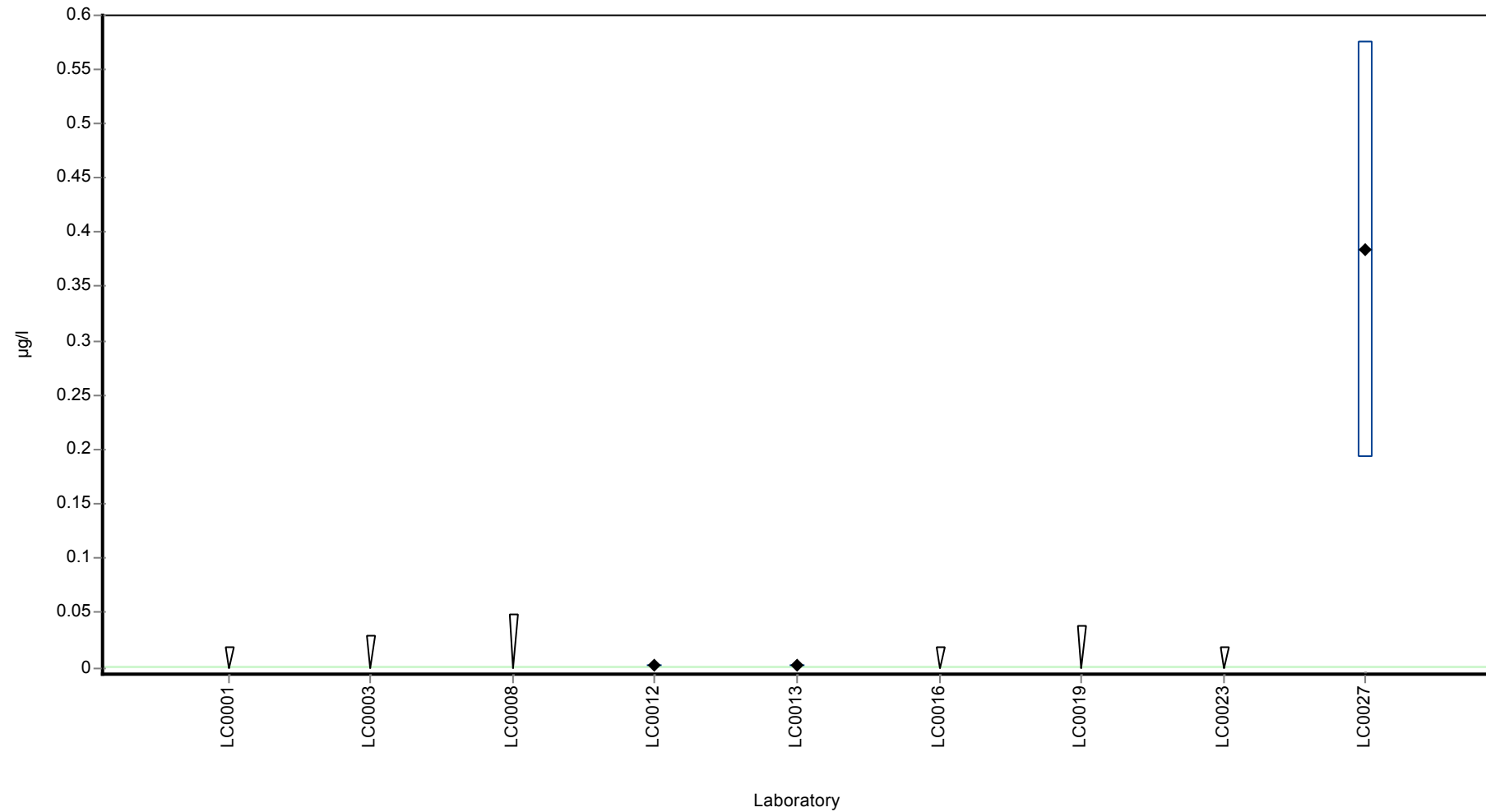
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.02 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.03 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	< 0.05 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.00342	0.001	-	-	
LC0013	0.0033	0.001	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.02 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	< 0.04 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	< 0.02 (LOQ)	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.384	0.192	-	-	FP

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.13 ± 0.381	-	µg/l
Minimum	0.0033	0.0033	µg/l
Maximum	0.384	0.384	µg/l
Standard deviation	0.22	-	µg/l
rel. standard deviation	169	-	%
n	3	3	-

Graphical presentation of results

Results



Parameter oriented report

H105 A

Sum DDD

Unit	µg/l
Assigned value ± U (k=2)	0.292 ± 0.0848
Criterion	0.0934 (32 %)
Minimum - Maximum	0.1 - 0.471
Control test value ± U (k=2)	0.275 ± 0.165

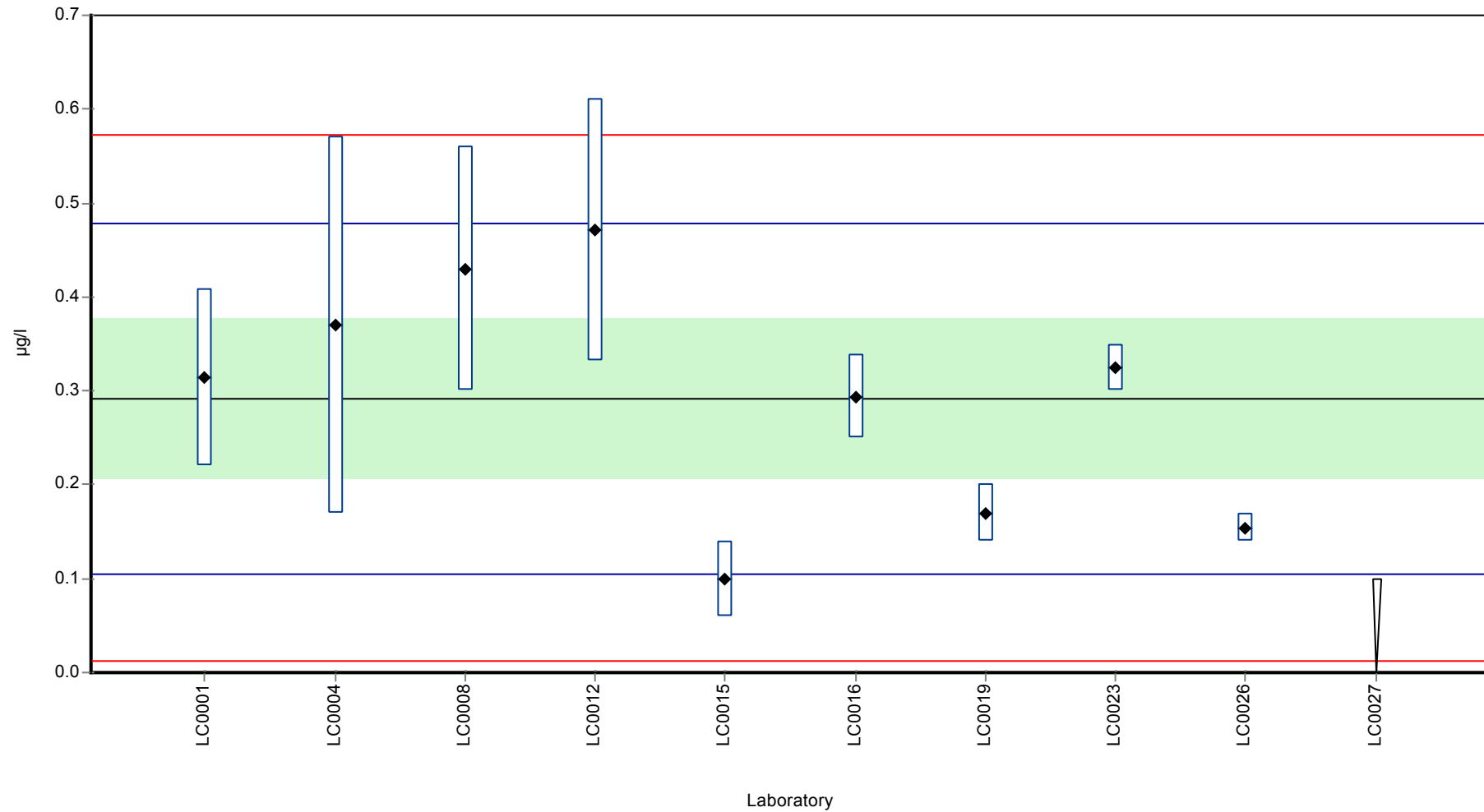
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.314	0.094	108	0.23	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.37	0.2	127	0.83	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.43	0.13	147	1.48	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.471	0.14	161	1.92	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.1	0.04	34.2	-2.05	
LC0016	0.294	0.044	101	0.02	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.17	0.03	58.2	-1.31	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.325	0.0241	111	0.35	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.154	0.015	52.7	-1.48	
LC0027	< 0.1 (LOQ)	-	-	-	

Characteristics of parameter

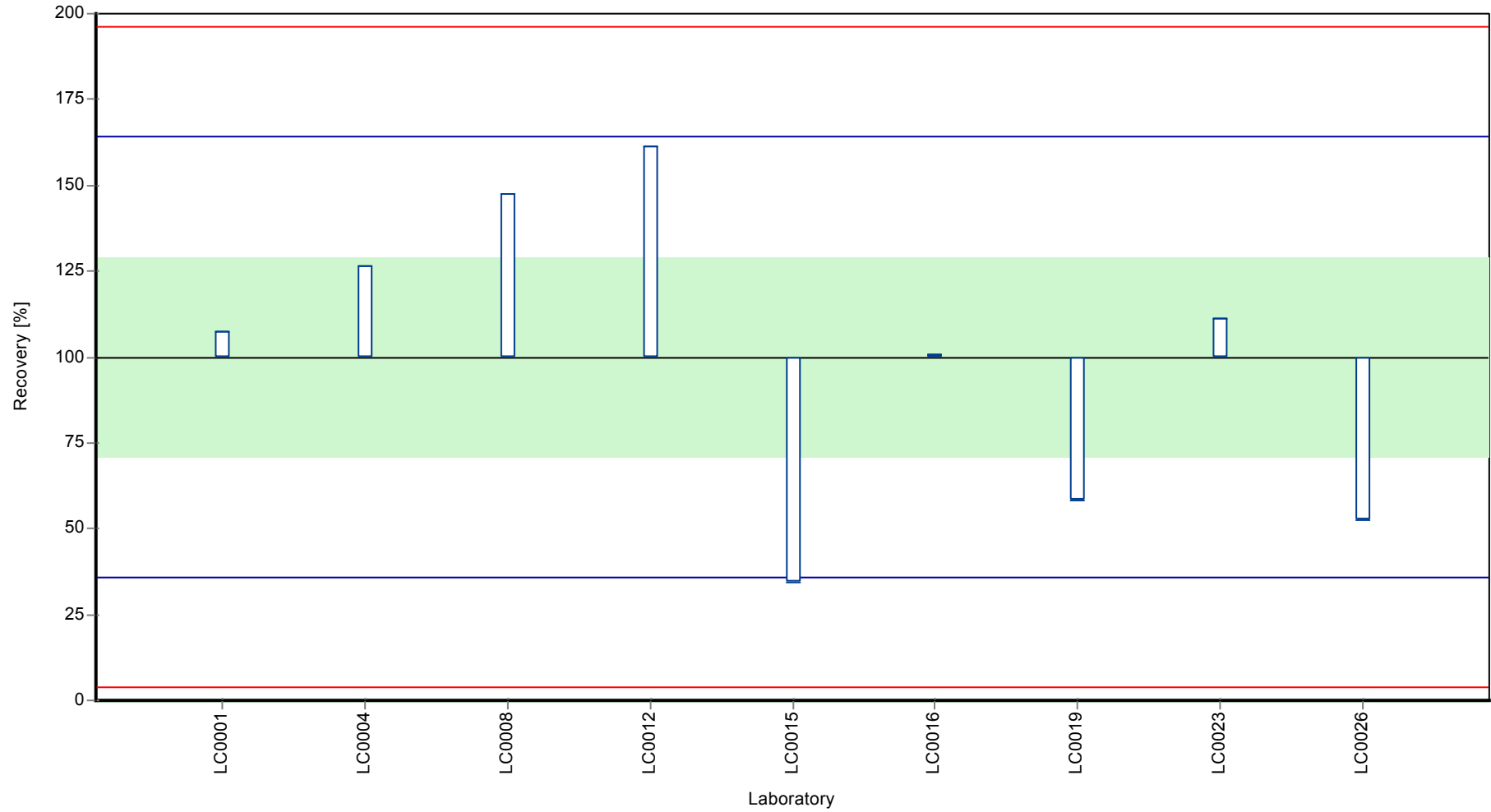
	all results	without outliers	Unit
Mean ± CI (99%)	0.292 ± 0.127	0.292 ± 0.127	µg/l
Minimum	0.1	0.1	µg/l
Maximum	0.471	0.471	µg/l
Standard deviation	0.127	0.127	µg/l
rel. standard deviation	43.6	43.6	%
n	9	9	-

Graphical presentation of results

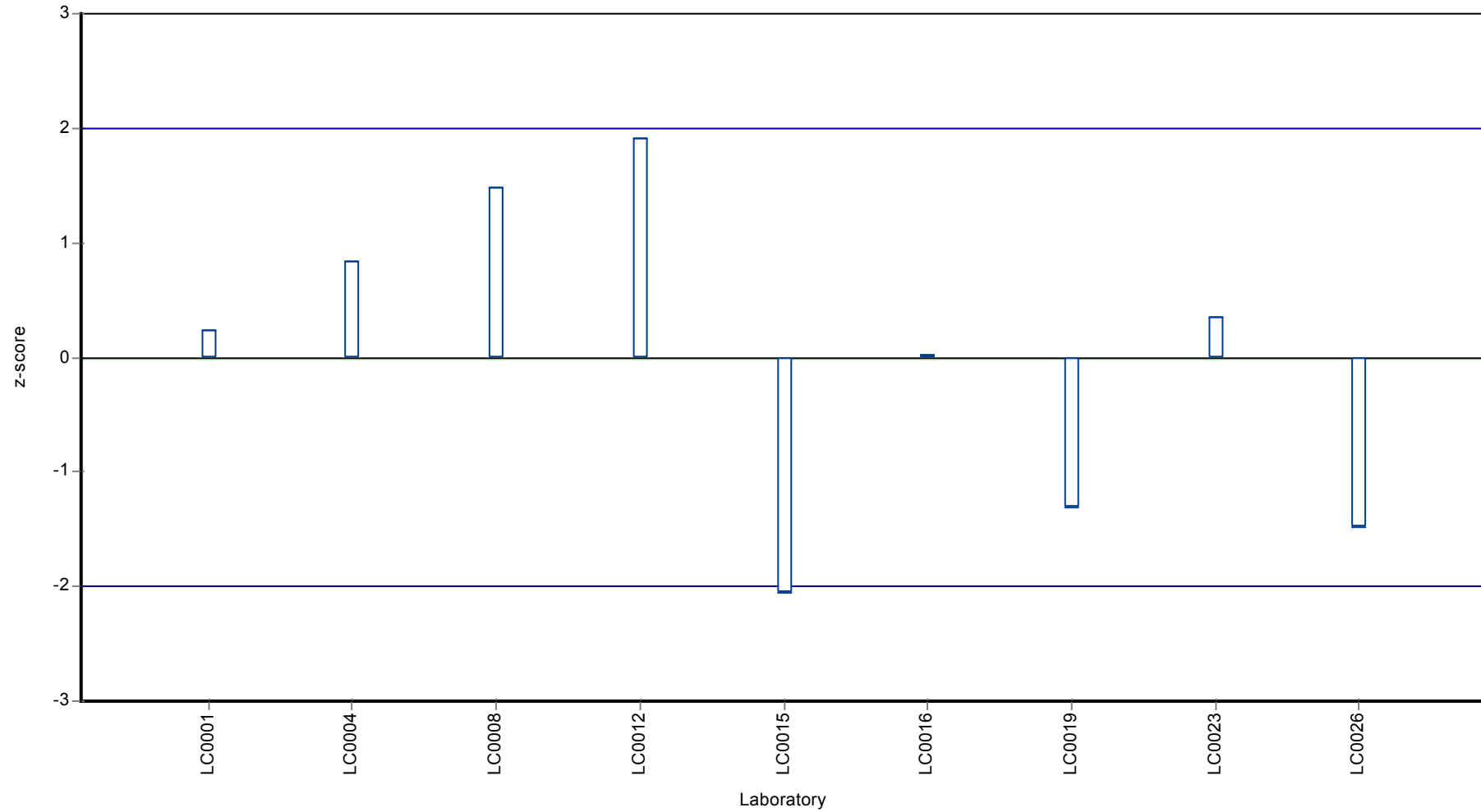
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Sum DDD

Unit	µg/l
Assigned value ± U (k=2)	0.526 ± 0.171
Criterion	0.241 (46 %)
Minimum - Maximum	0.07 - 0.949
Control test value ± U (k=2)	0.596 ± 0.357

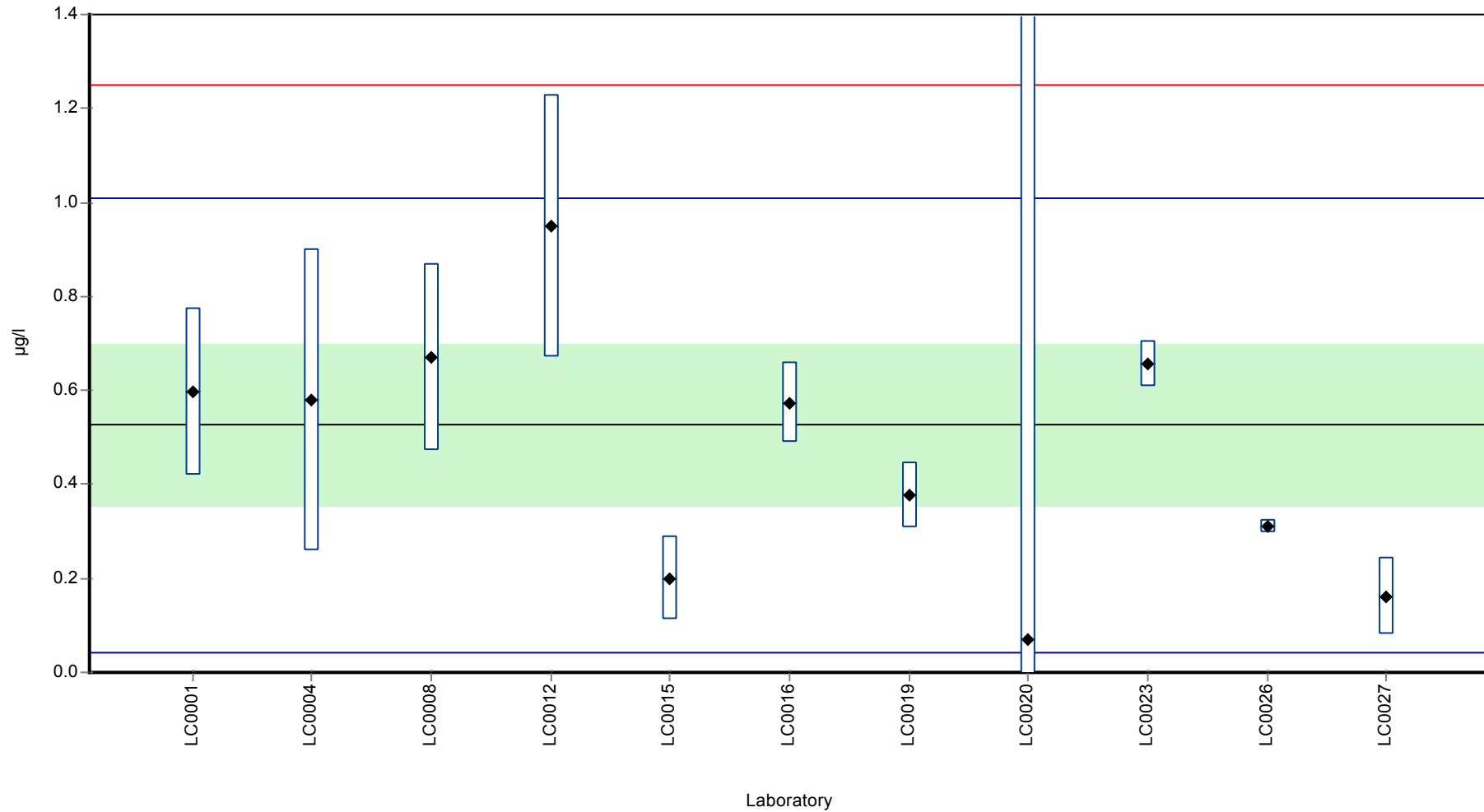
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.597	0.179	113	0.29	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.58	0.32	110	0.22	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.67	0.2	127	0.6	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.949	0.28	180	1.75	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.2	0.09	38	-1.35	
LC0016	0.574	0.086	109	0.2	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.377	0.07	71.7	-0.62	
LC0020	0.07	2	13.3	-1.89	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.658	0.0488	125	0.55	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.311	0.015	59.1	-0.89	
LC0027	0.162	0.081	30.8	-1.51	

Characteristics of parameter

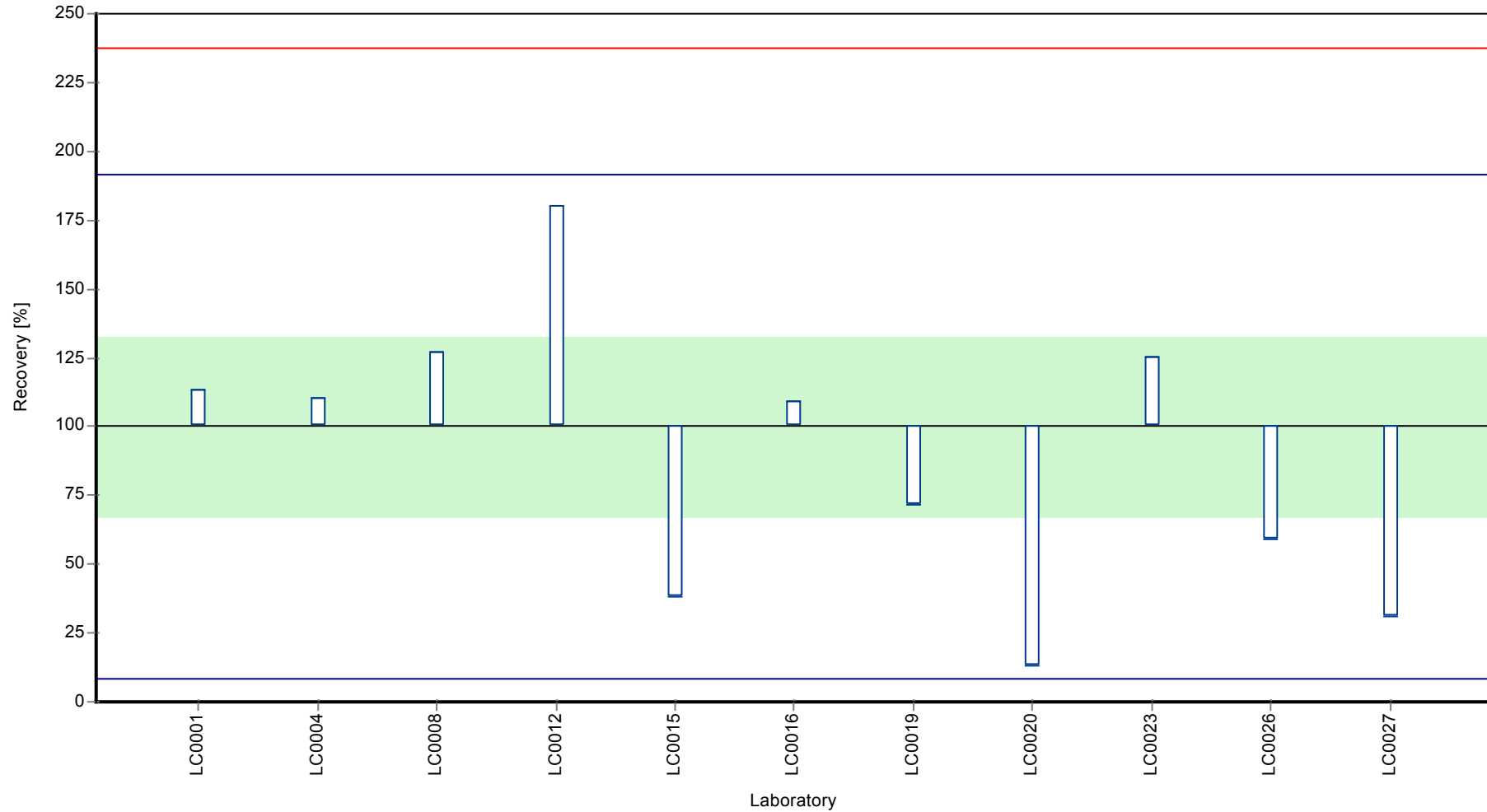
	all results	without outliers	Unit
Mean ± CI (99%)	0.468 ± 0.24	0.468 ± 0.24	µg/l
Minimum	0.07	0.07	µg/l
Maximum	0.949	0.949	µg/l
Standard deviation	0.266	0.266	µg/l
rel. standard deviation	56.8	56.8	%
n	11	11	-

Graphical presentation of results

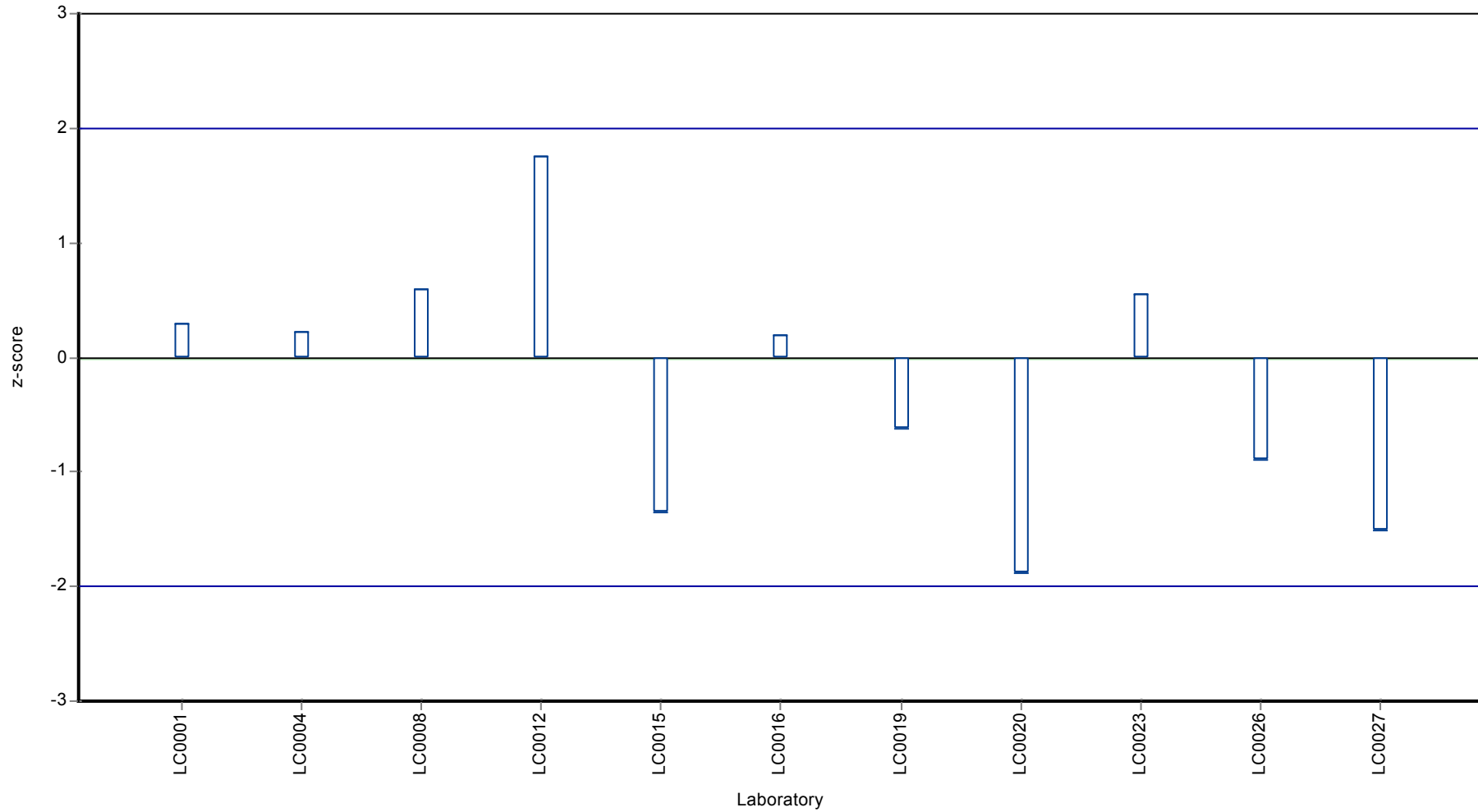
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Sum DDE

Unit	µg/l
Assigned value ± U (k=2)	0.245 ± 0.071
Criterion	0.0939 (38 %)
Minimum - Maximum	0.05 - 0.52
Control test value ± U (k=2)	0.237 ± 0.126

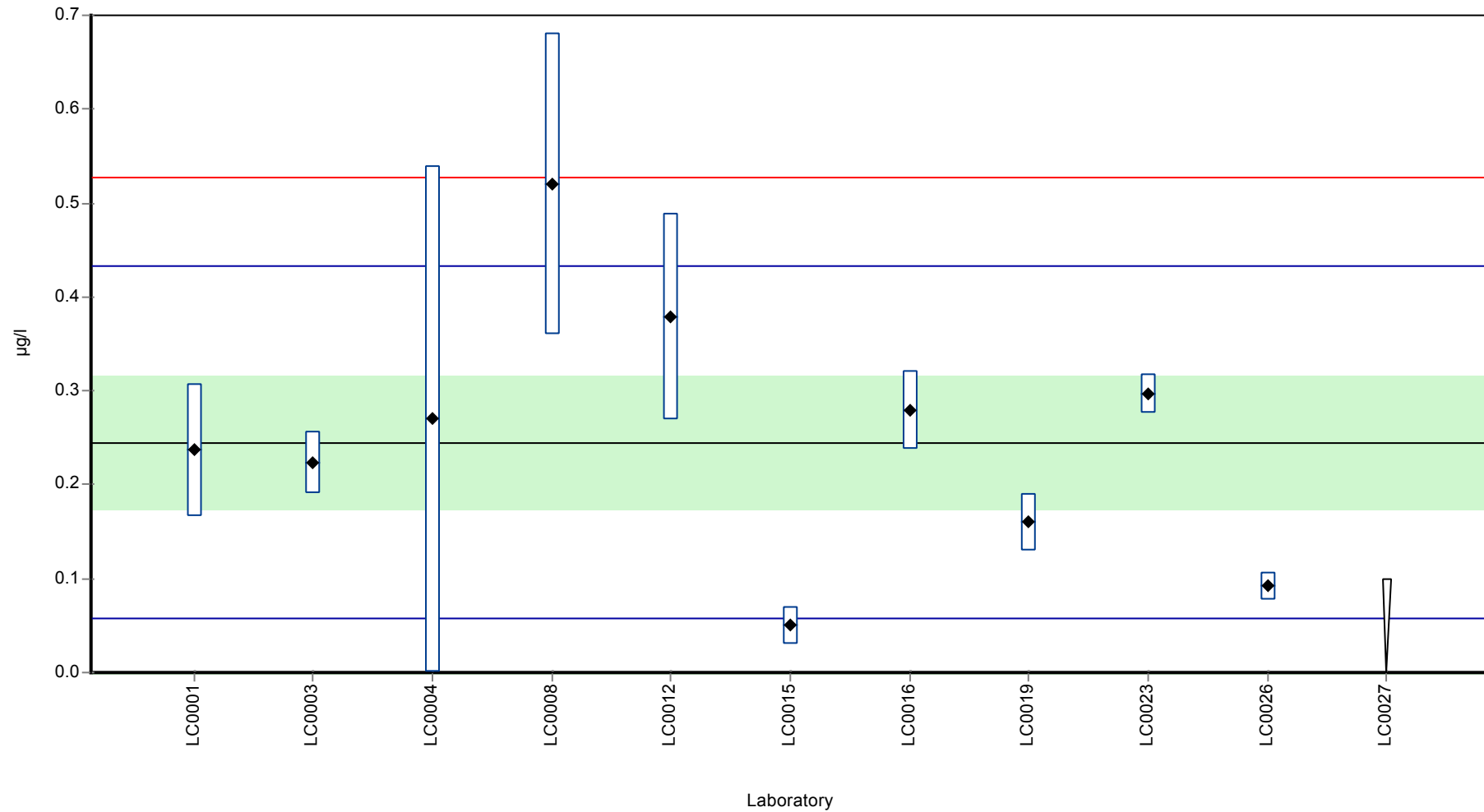
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.237	0.071	96.8	-0.08	
LC0002	-	-	-	-	
LC0003	0.223	0.033	91.1	-0.23	
LC0004	0.27	0.27	110	0.27	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.52	0.16	212	2.93	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.378	0.11	154	1.42	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.05	0.02	20.4	-2.07	
LC0016	0.28	0.042	114	0.37	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.16	0.03	65.3	-0.9	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.297	0.0207	121	0.56	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.092	0.015	37.6	-1.63	
LC0027	< 0.1 (LOQ)	-	-	-	

Characteristics of parameter

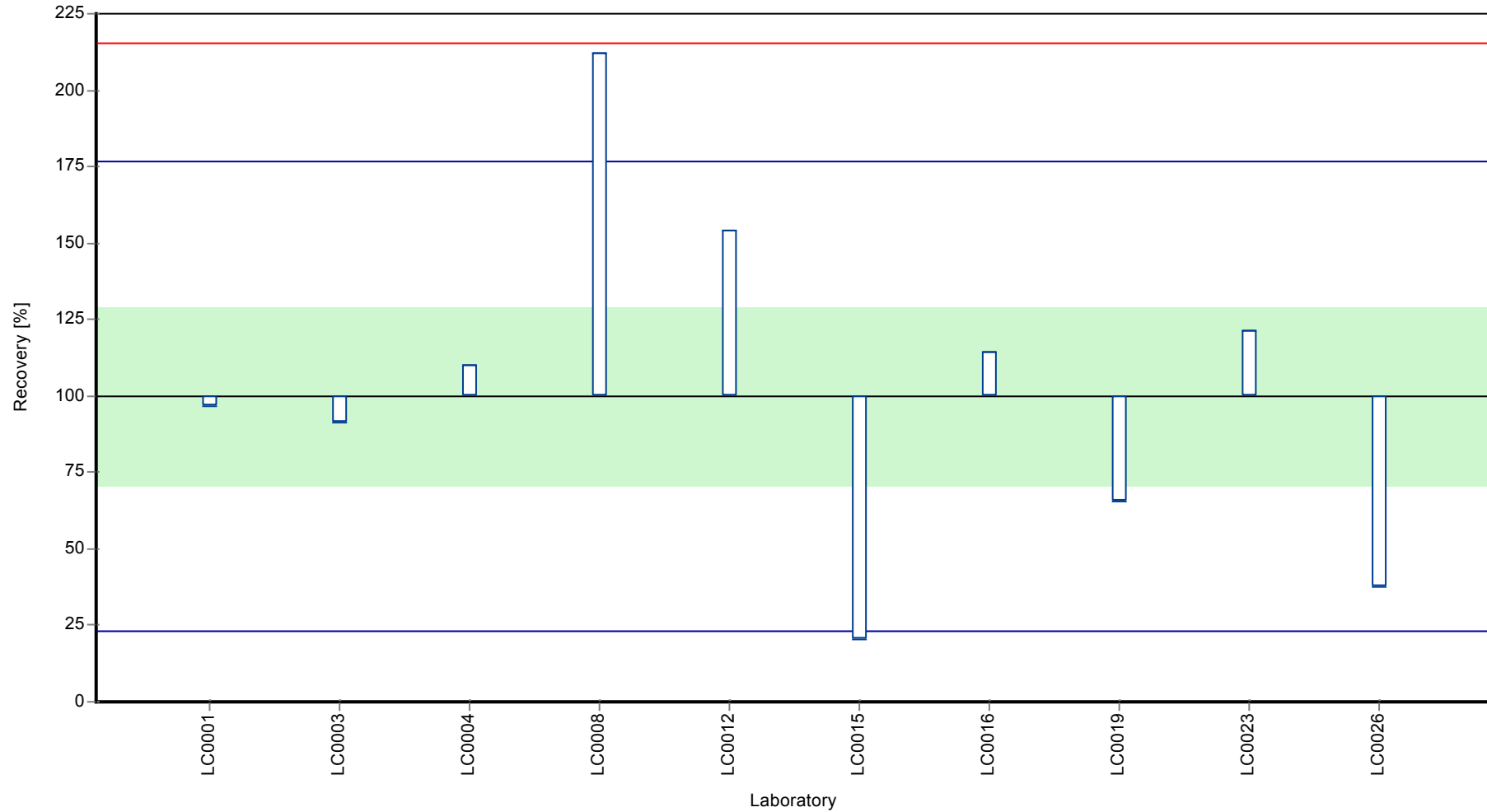
	all results	without outliers	Unit
Mean ± CI (99%)	0.251 ± 0.129	0.251 ± 0.129	µg/l
Minimum	0.05	0.05	µg/l
Maximum	0.52	0.52	µg/l
Standard deviation	0.136	0.136	µg/l
rel. standard deviation	54.3	54.3	%
n	10	10	-

Graphical presentation of results

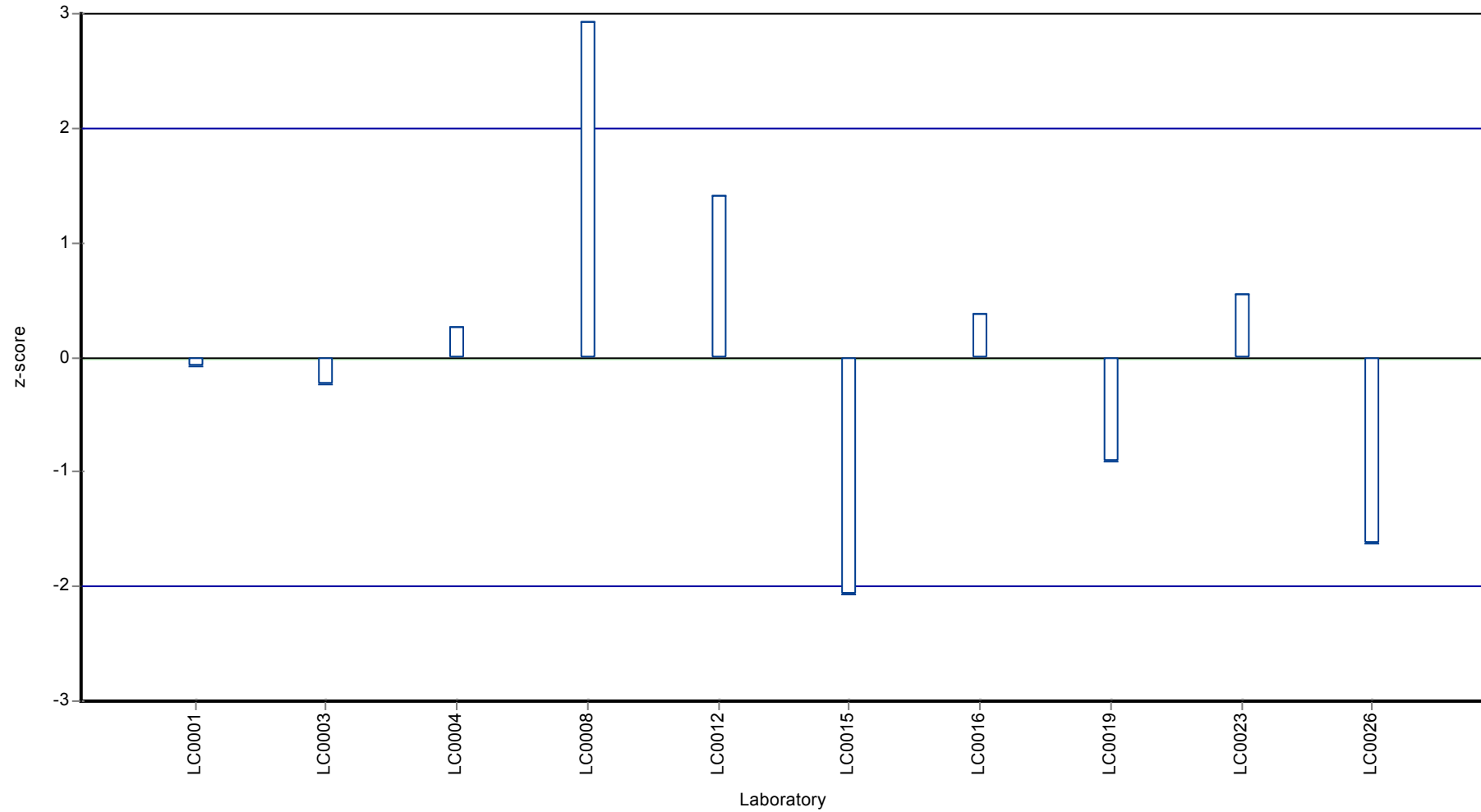
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Sum DDE

Unit	µg/l
Assigned value ± U (k=2)	0.412 ± 0.131
Criterion	0.174 (42 %)
Minimum - Maximum	0.01 - 0.79
Control test value ± U (k=2)	0.456 ± 0.242

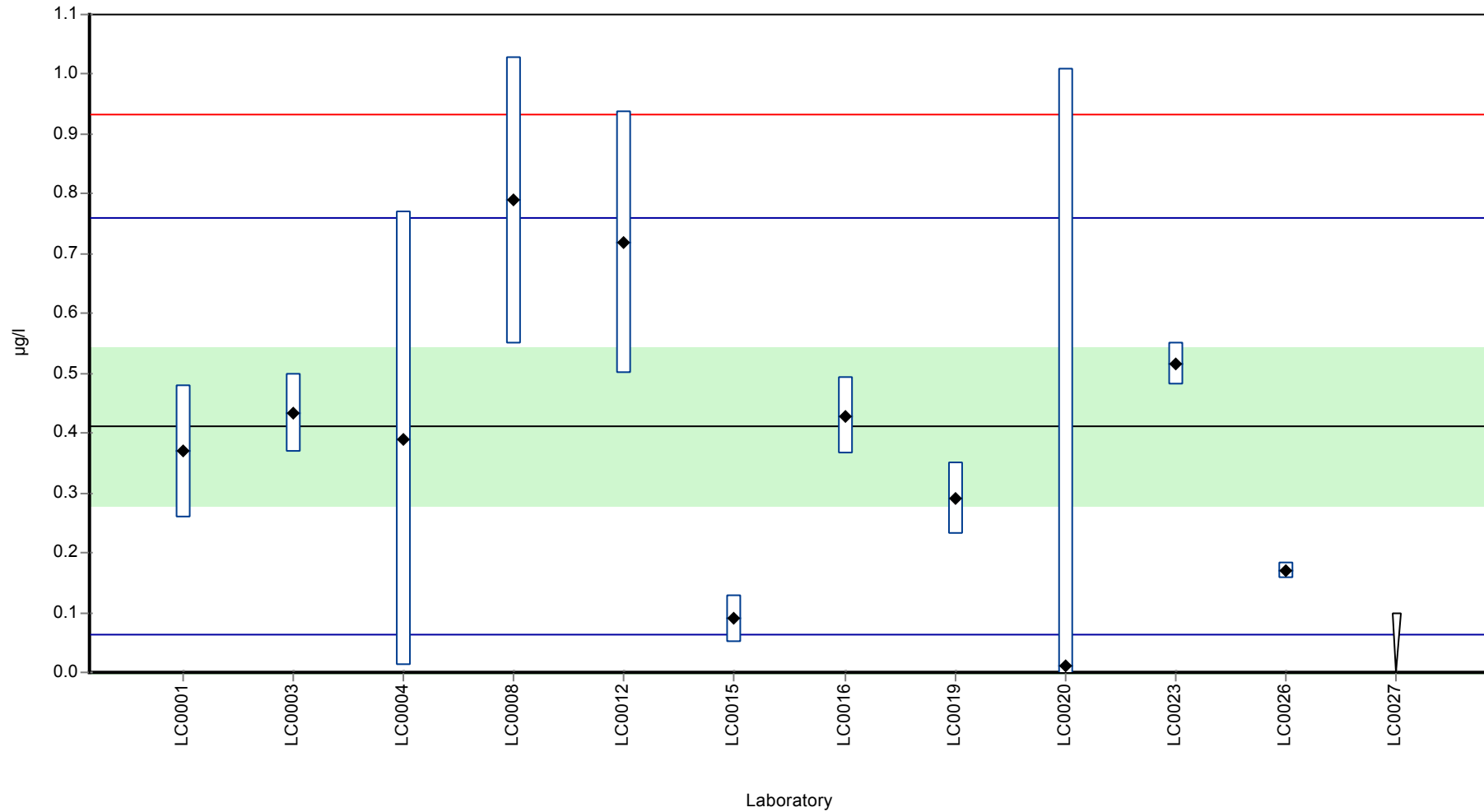
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.369	0.111	89.6	-0.25	
LC0002	-	-	-	-	
LC0003	0.433	0.065	105	0.12	
LC0004	0.39	0.38	94.7	-0.13	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.79	0.24	192	2.18	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.719	0.22	175	1.77	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.09	0.04	21.9	-1.85	
LC0016	0.429	0.064	104	0.1	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.29	0.06	70.4	-0.7	
LC0020	0.01	1	2.4	-2.31	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.515	0.0359	125	0.59	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.17	0.015	41.3	-1.39	
LC0027	< 0.1 (LOQ)	-	-	-	

Characteristics of parameter

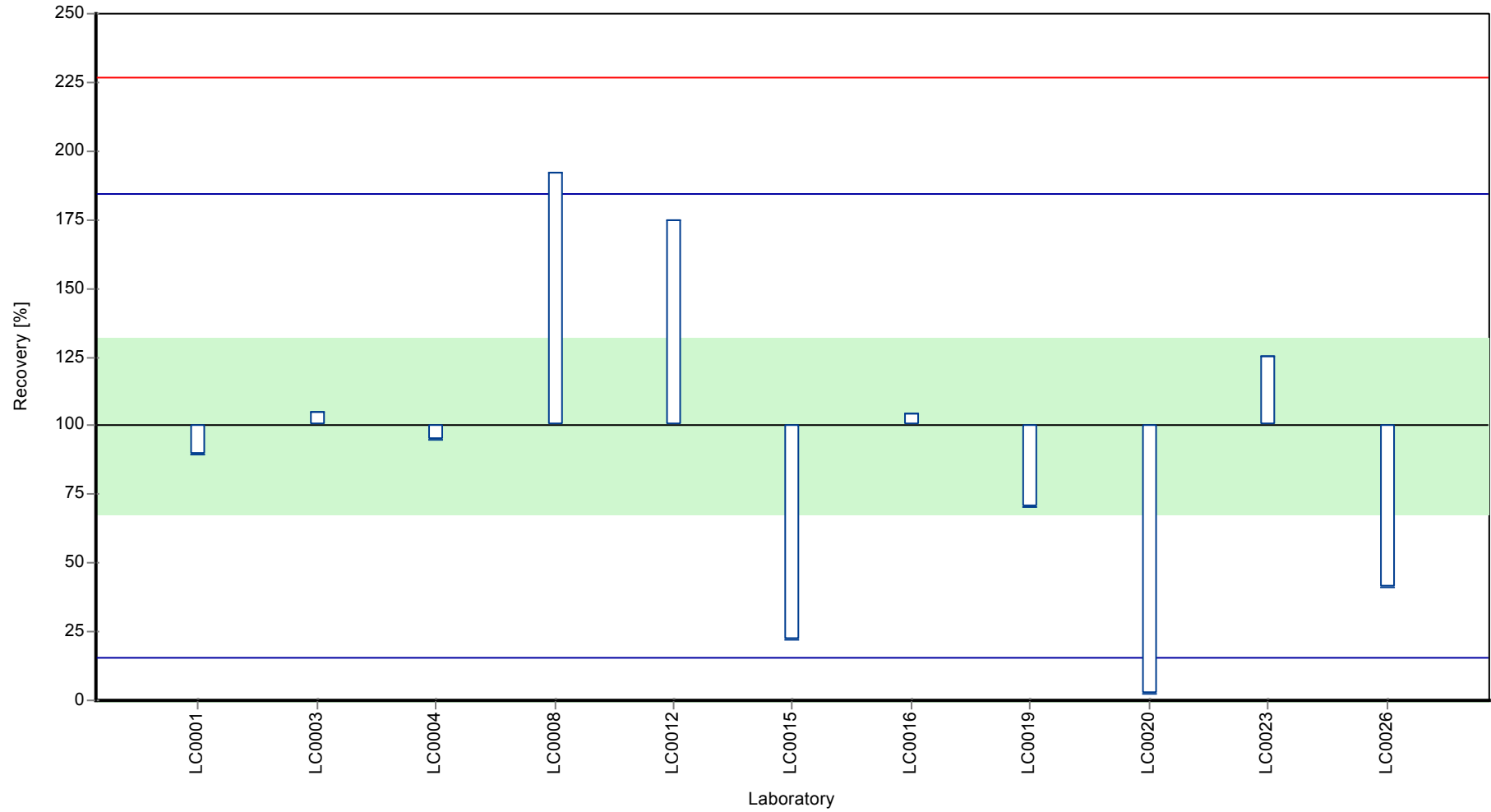
	all results	without outliers	Unit
Mean ± CI (99%)	0.382 ± 0.218	0.382 ± 0.218	µg/l
Minimum	0.01	0.01	µg/l
Maximum	0.79	0.79	µg/l
Standard deviation	0.241	0.241	µg/l
rel. standard deviation	63	63	%
n	11	11	-

Graphical presentation of results

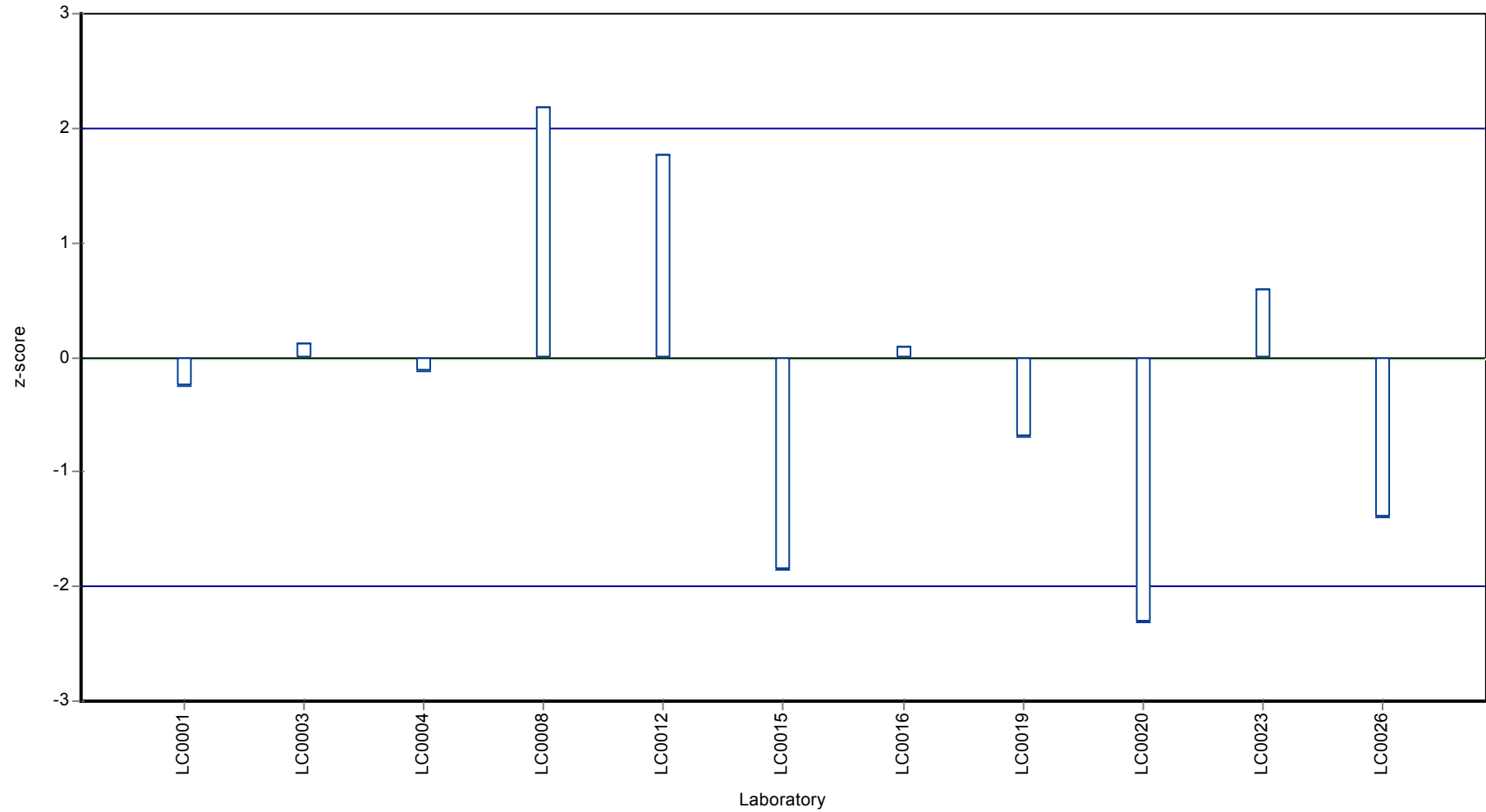
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Sum DDT

Unit	µg/l
Assigned value ± U (k=2)	0.12 ± 0.0312
Criterion	0.0418 (35 %)
Minimum - Maximum	0.06 - 0.24
Control test value ± U (k=2)	0.074 ± 0.0266

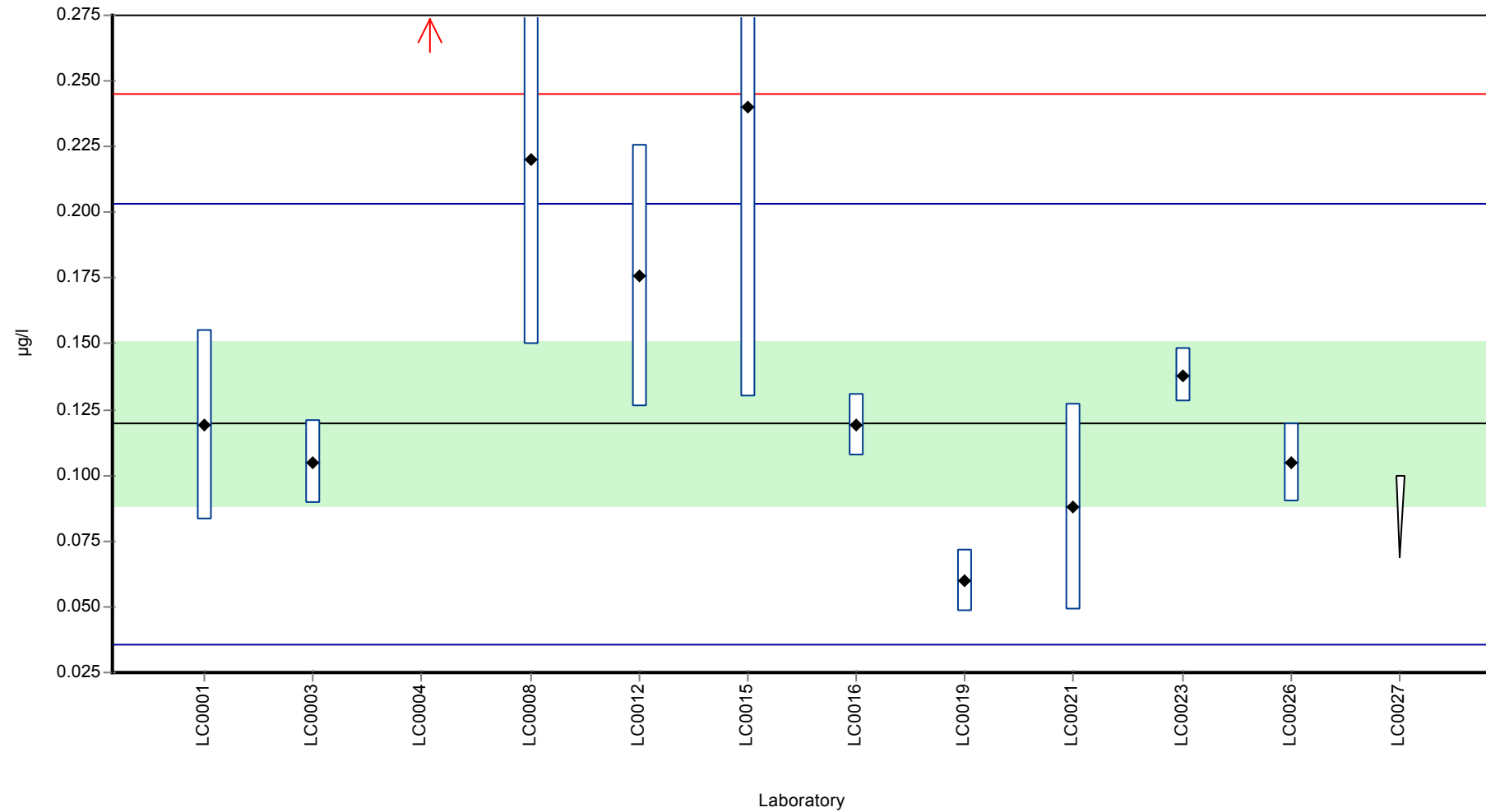
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.119	0.036	99.6	-0.01	
LC0002	-	-	-	-	
LC0003	0.105	0.016	87.9	-0.35	
LC0004	0.58	0.42	485	11	H
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.22	0.07	184	2.4	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.176	0.05	147	1.35	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.24	0.11	201	2.88	
LC0016	0.119	0.012	99.6	-0.01	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.06	0.012	50.2	-1.42	
LC0020	-	-	-	-	
LC0021	0.088	0.039	73.6	-0.75	
LC0022	-	-	-	-	
LC0023	0.138	0.0103	115	0.44	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.105	0.015	87.9	-0.35	
LC0027	< 0.1 (LOQ)	-	-	-	

Characteristics of parameter

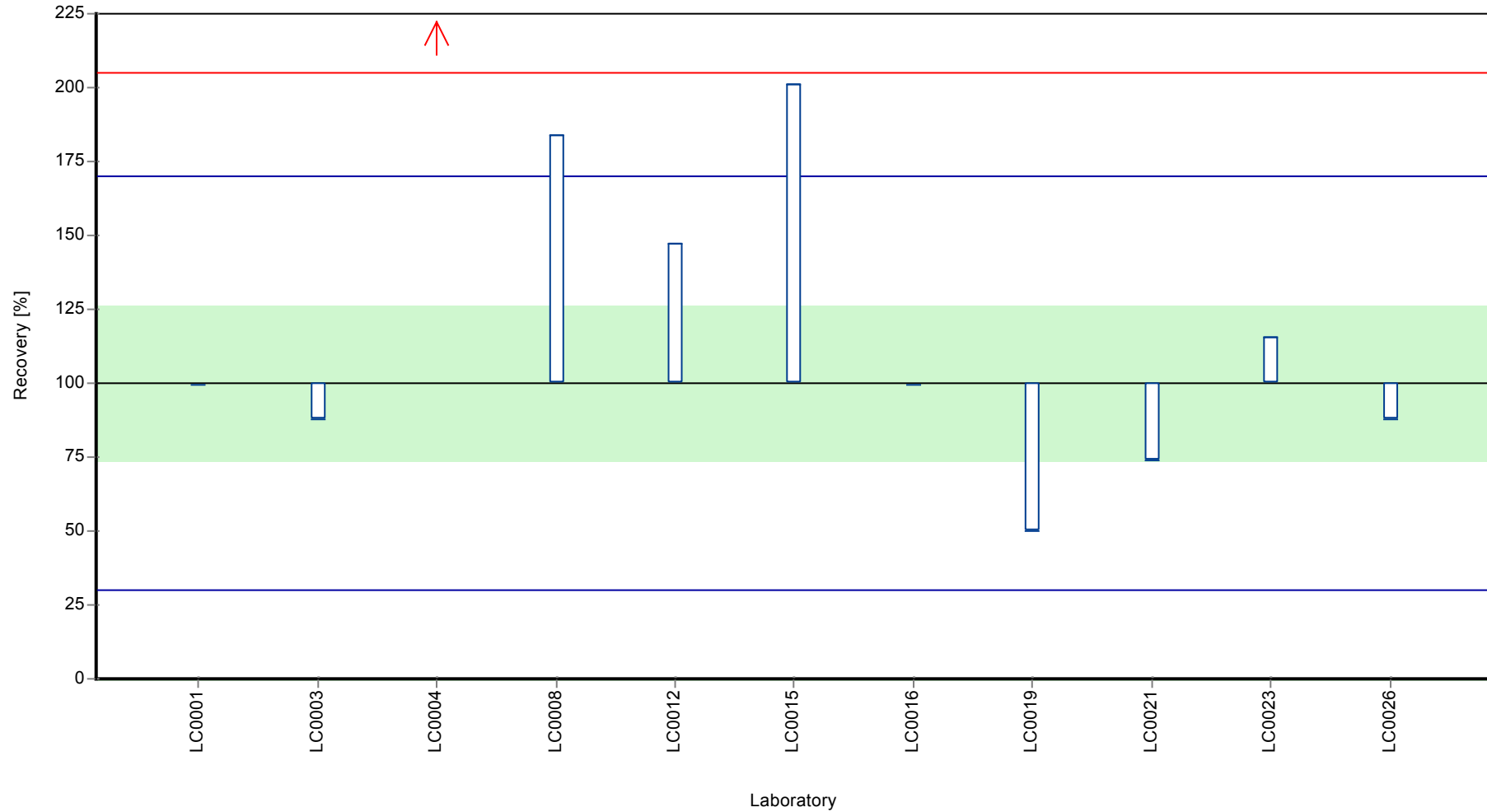
	all results	without outliers	Unit
Mean ± CI (99%)	0.177 ± 0.131	0.137 ± 0.0548	µg/l
Minimum	0.06	0.06	µg/l
Maximum	0.58	0.24	µg/l
Standard deviation	0.144	0.0578	µg/l
rel. standard deviation	81.4	42.2 %	
n	11	10	-

Graphical presentation of results

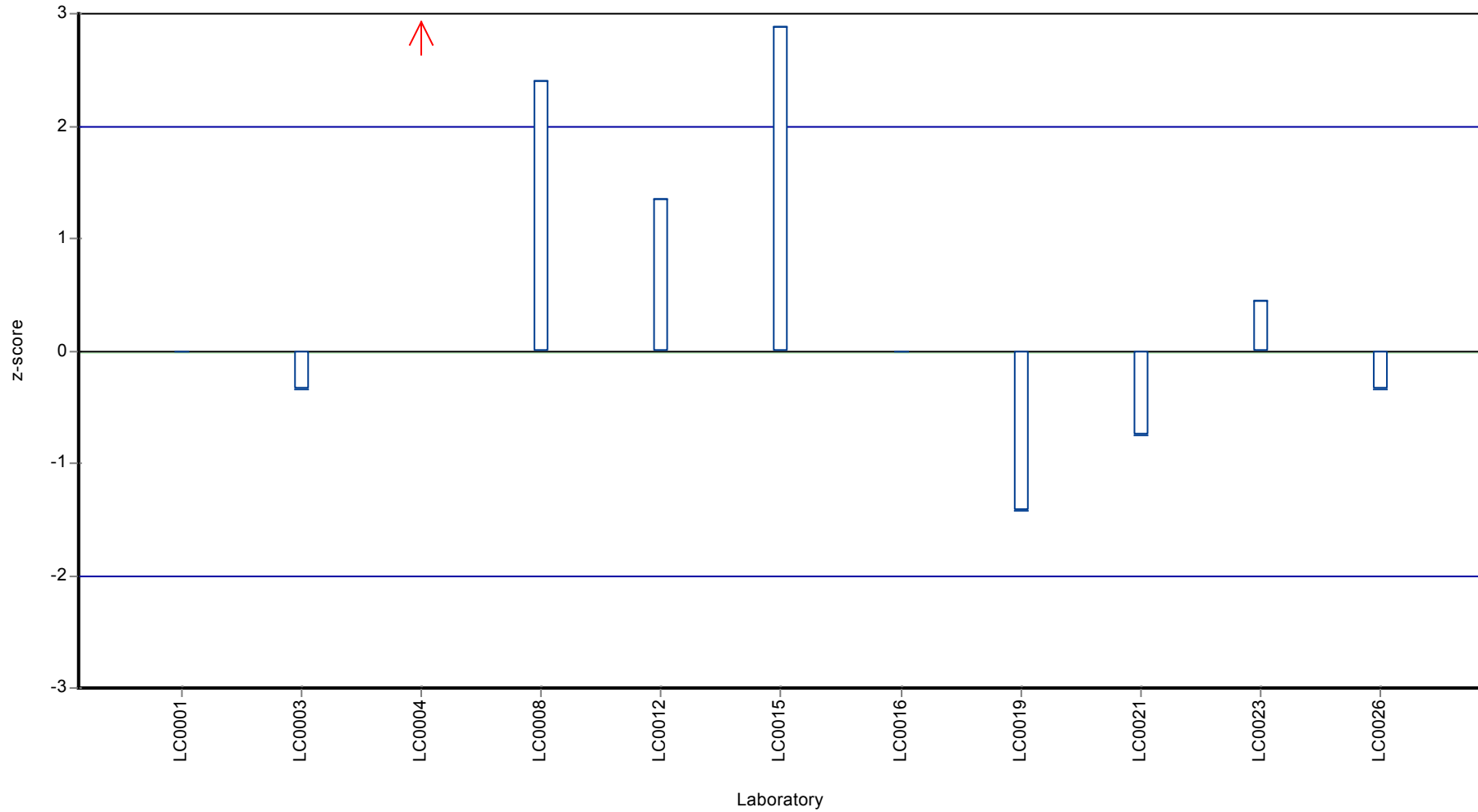
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Sum DDT

Unit	µg/l
Assigned value ± U (k=2)	0.367 ± 0.109
Criterion	0.144 (39 %)
Minimum - Maximum	0.028 - 0.64
Control test value ± U (k=2)	0.307 ± 0.11

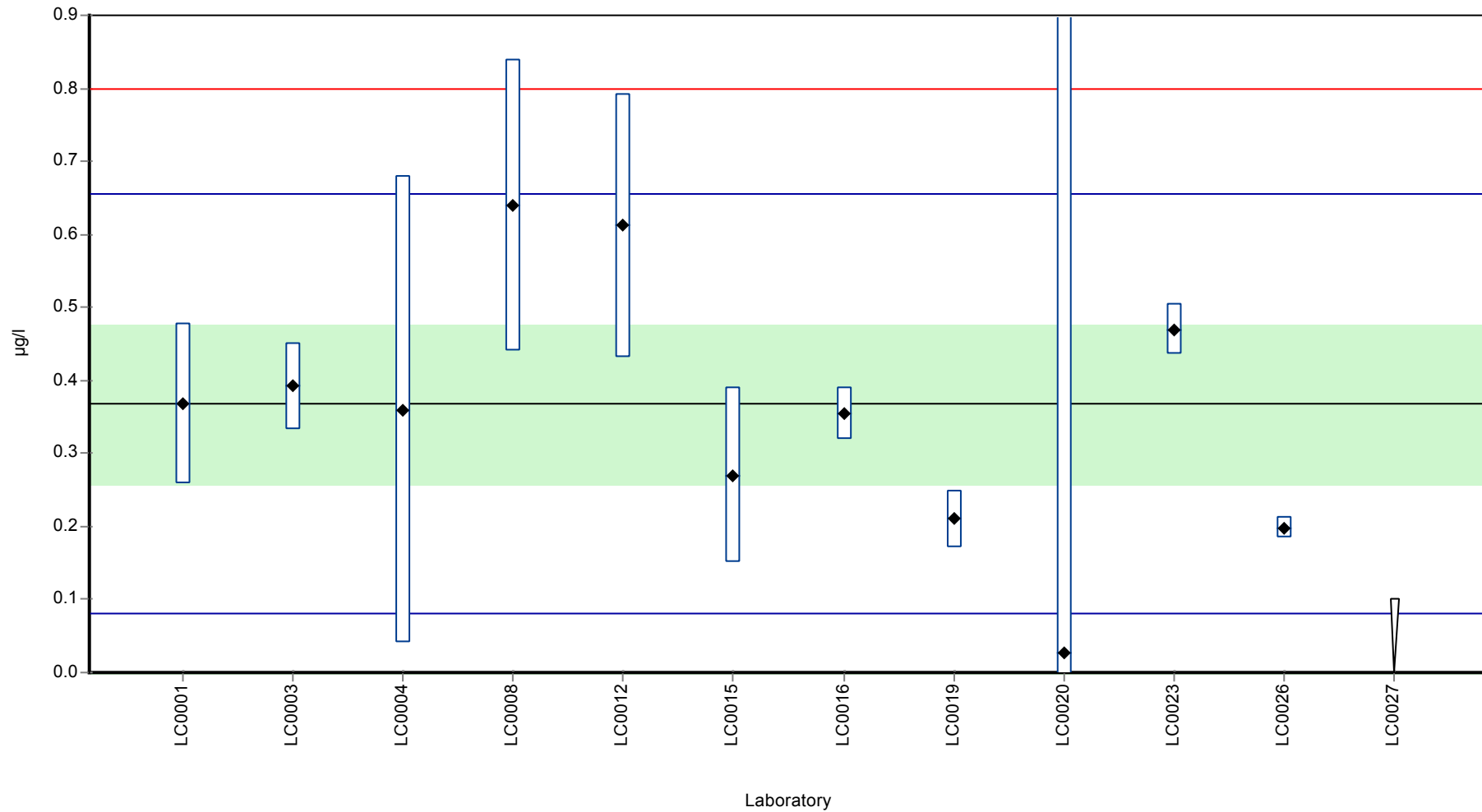
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.367	0.11	99.9	0.00	
LC0002	-	-	-	-	
LC0003	0.392	0.059	107	0.17	
LC0004	0.36	0.32	98	-0.05	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.64	0.2	174	1.9	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.612	0.18	167	1.7	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.27	0.12	73.5	-0.68	
LC0016	0.355	0.036	96.6	-0.09	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.21	0.04	57.2	-1.09	
LC0020	0.028	1.5	7.6	-2.36	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.47	0.0351	128	0.71	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.198	0.015	53.9	-1.18	
LC0027	< 0.1 (LOQ)	-	-	-	

Characteristics of parameter

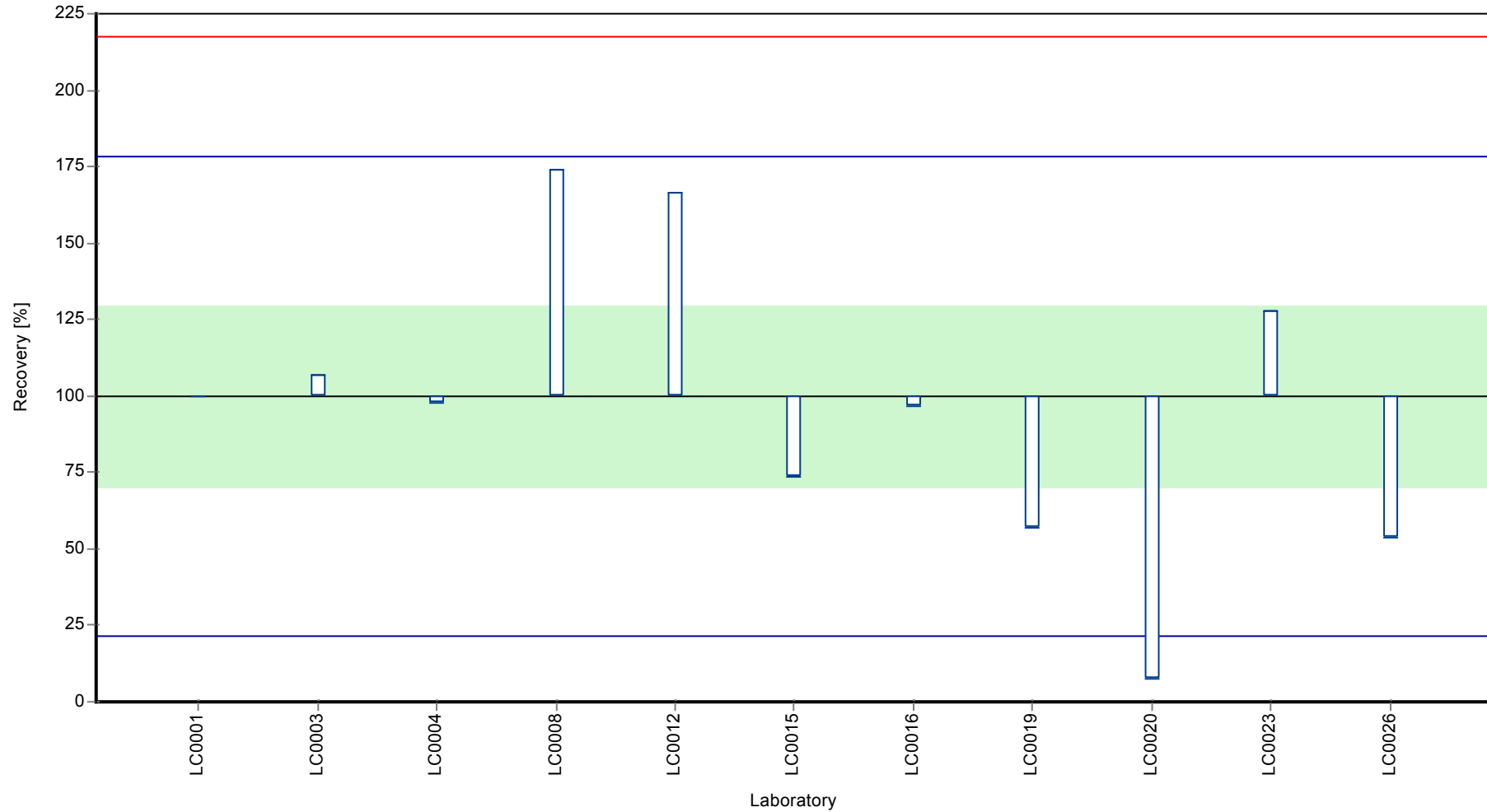
	all results	without outliers	Unit
Mean ± CI (99%)	0.355 ± 0.162	0.355 ± 0.162	µg/l
Minimum	0.028	0.028	µg/l
Maximum	0.64	0.64	µg/l
Standard deviation	0.179	0.179	µg/l
rel. standard deviation	50.6	50.6	%
n	11	11	-

Graphical presentation of results

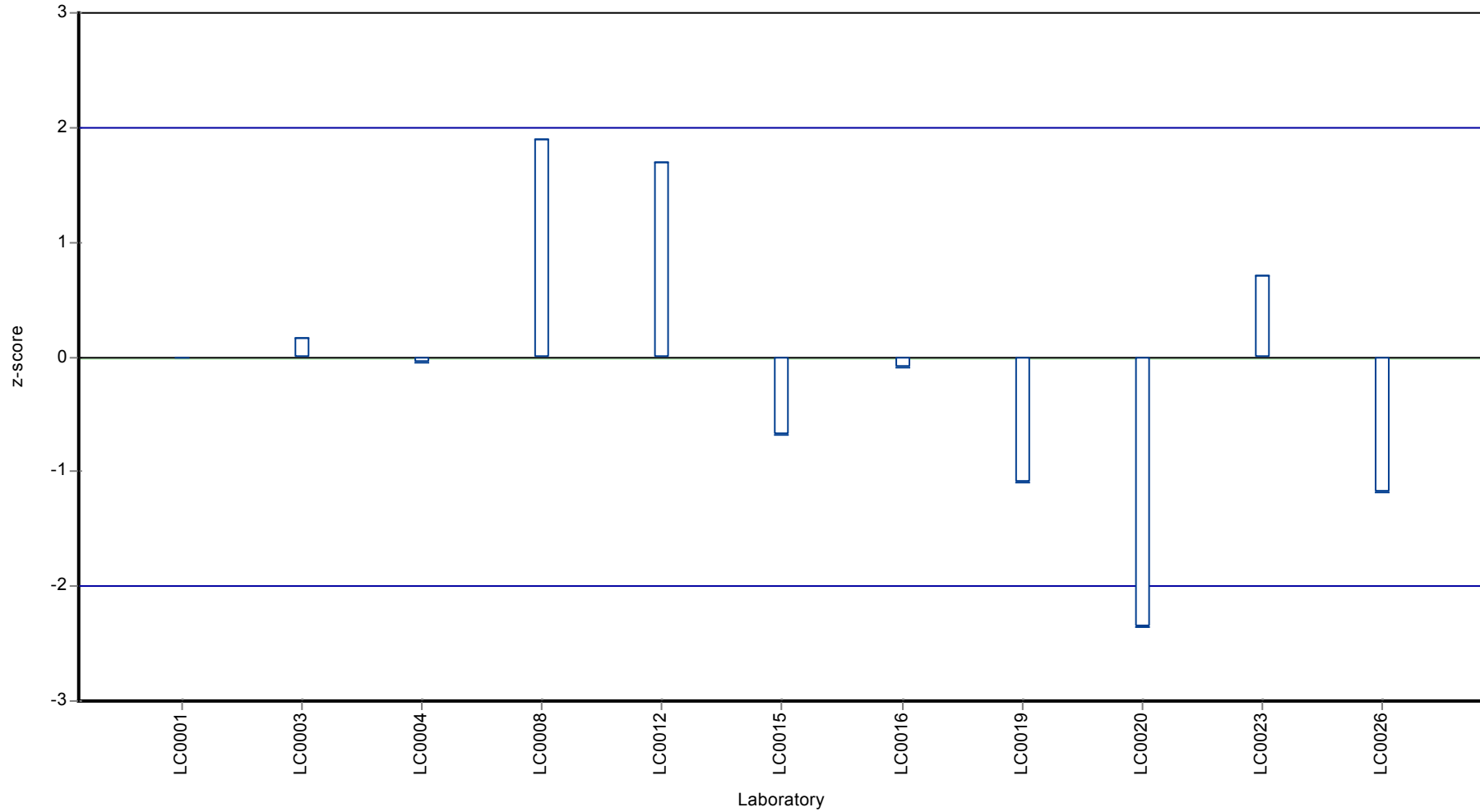
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Sum Endosulfan

Unit	µg/l
Assigned value ± U (k=2)	0.276 ± 0.0654
Criterion	0.111 (40 %)
Minimum - Maximum	0.09 - 0.492
Control test value ± U (k=2)	0.363 ± 0.149

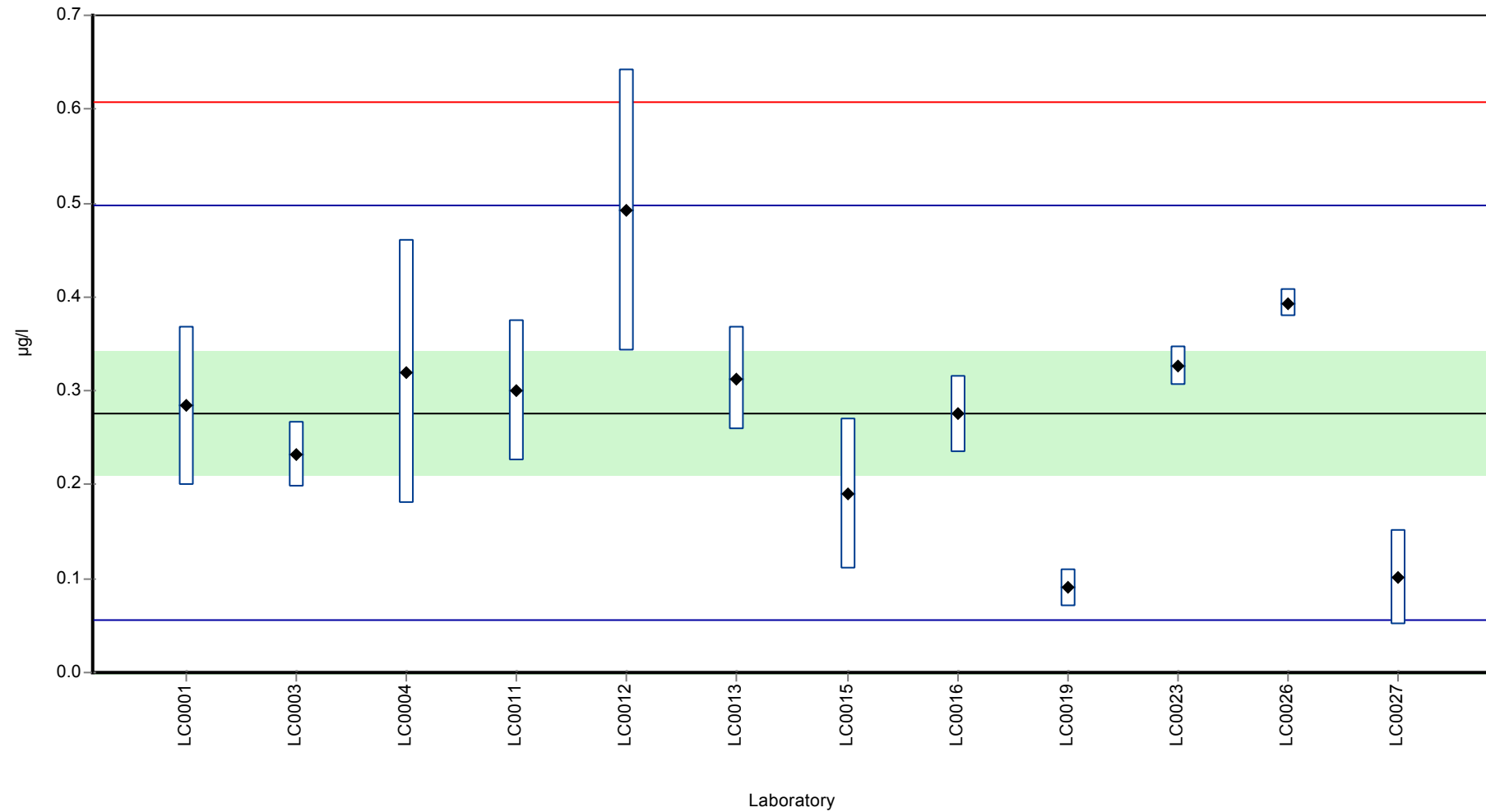
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.284	0.085	103	0.07	
LC0002	-	-	-	-	
LC0003	0.232	0.035	84	-0.4	
LC0004	0.32	0.14	116	0.4	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.3	0.075	109	0.21	
LC0012	0.492	0.15	178	1.95	
LC0013	0.313	0.055	113	0.33	
LC0014	-	-	-	-	
LC0015	0.19	0.08	68.8	-0.78	
LC0016	0.275	0.041	99.5	-0.01	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.09	0.02	32.6	-1.69	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.326	0.0208	118	0.45	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.393	0.015	142	1.06	
LC0027	0.101	0.05	36.6	-1.59	

Characteristics of parameter

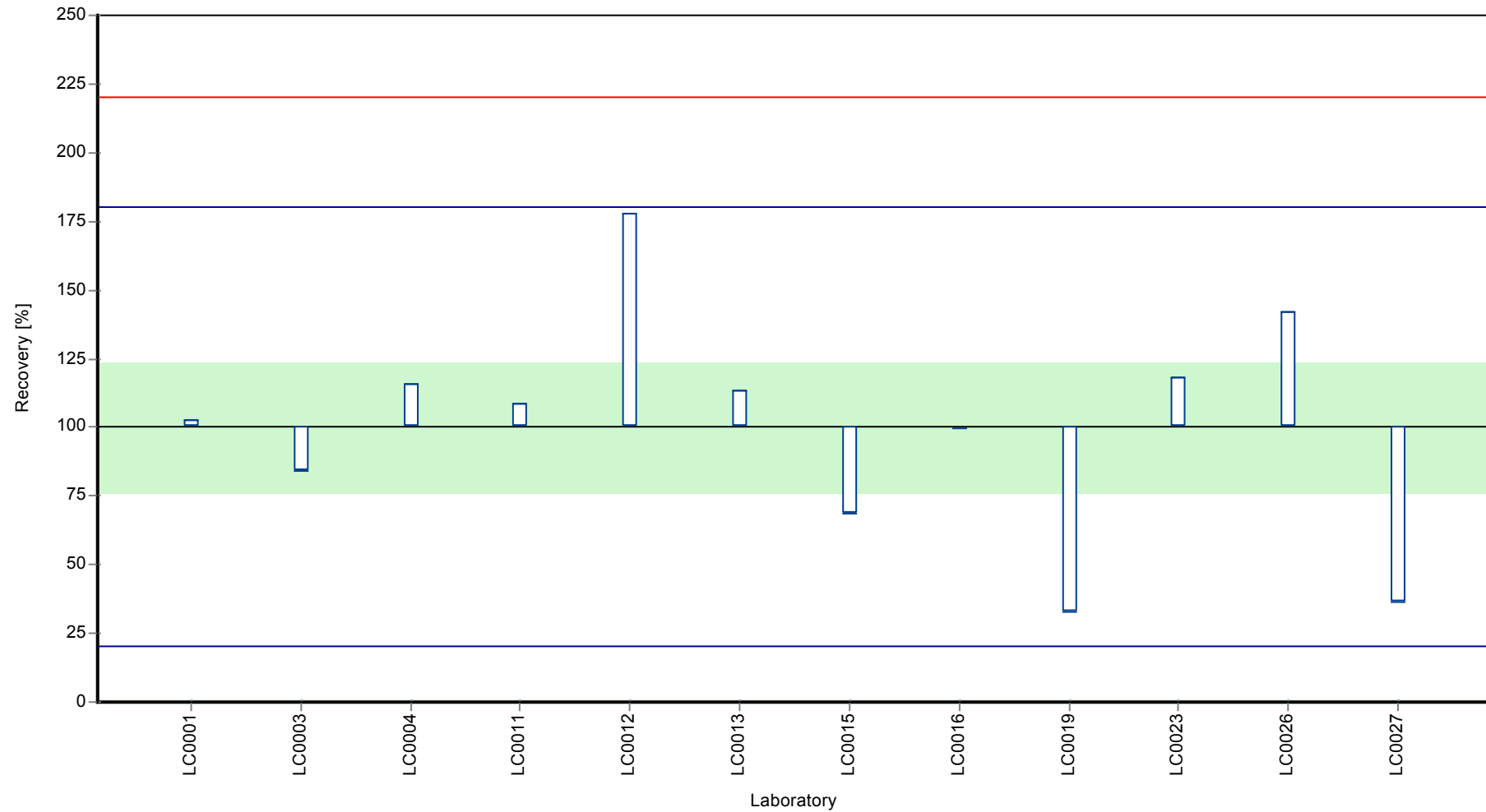
	all results	without outliers	Unit
Mean ± CI (99%)	0.276 ± 0.0982	0.276 ± 0.0982	µg/l
Minimum	0.09	0.09	µg/l
Maximum	0.492	0.492	µg/l
Standard deviation	0.113	0.113	µg/l
rel. standard deviation	41	41	%
n	12	12	-

Graphical presentation of results

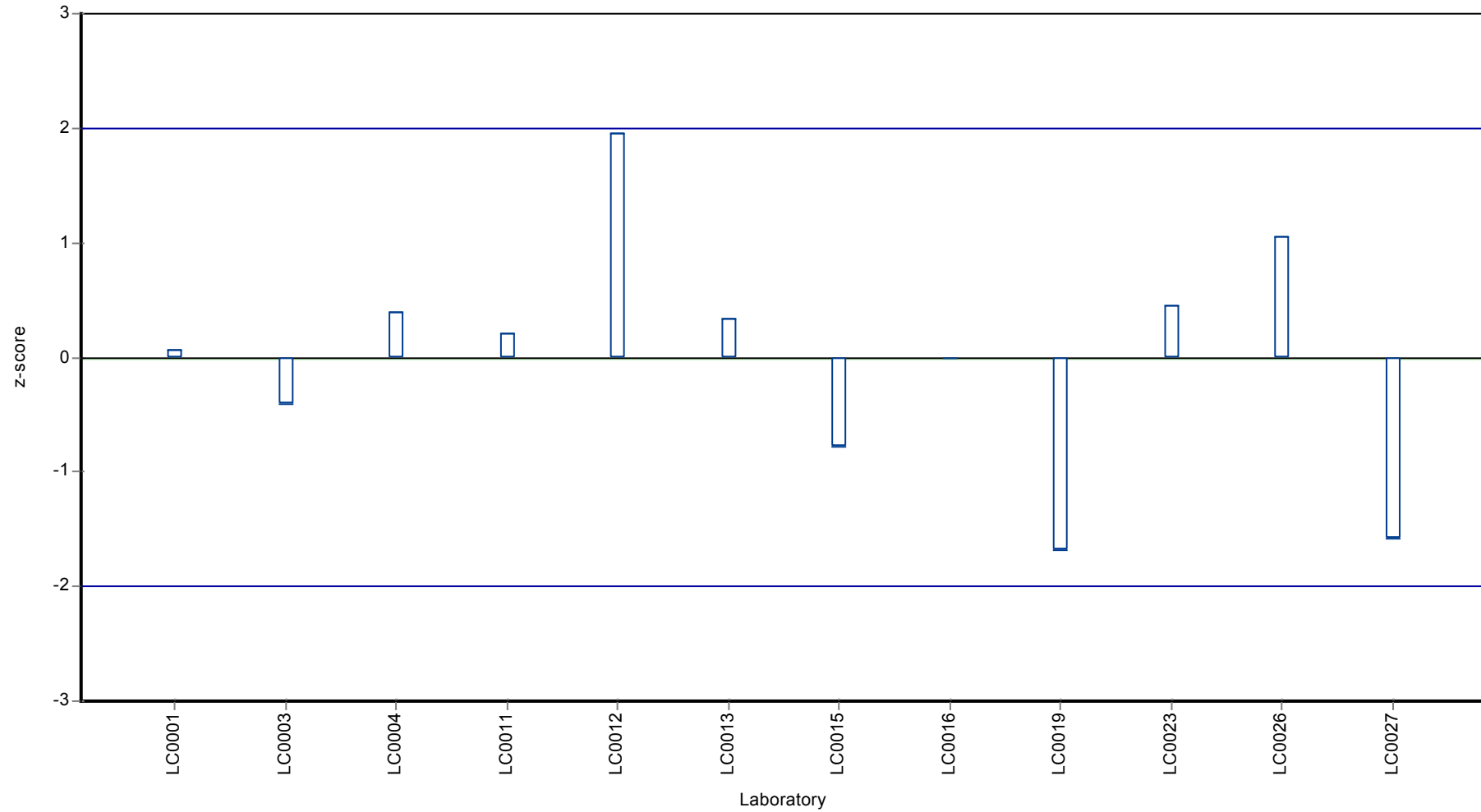
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Sum Endosulfan

Unit	µg/l
Assigned value ± U (k=2)	0.543 ± 0.144
Criterion	0.217 (40 %)
Minimum - Maximum	0.053 - 0.999
Control test value ± U (k=2)	0.745 ± 0.305

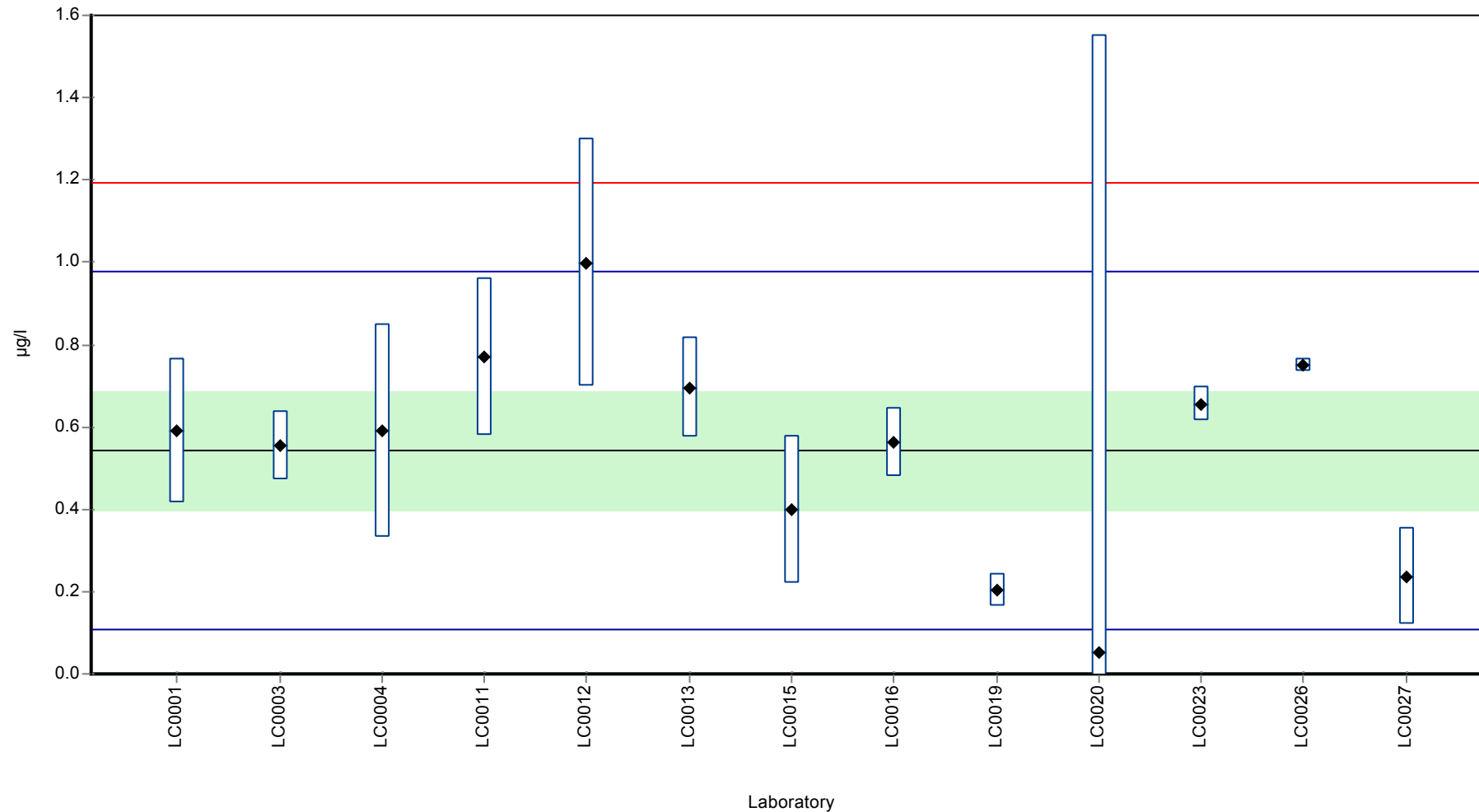
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.59	0.177	109	0.22	
LC0002	-	-	-	-	
LC0003	0.555	0.083	102	0.05	
LC0004	0.59	0.26	109	0.22	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.77	0.19	142	1.04	
LC0012	0.999	0.3	184	2.1	
LC0013	0.695	0.122	128	0.7	
LC0014	-	-	-	-	
LC0015	0.4	0.18	73.7	-0.66	
LC0016	0.563	0.084	104	0.09	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.203	0.04	37.4	-1.57	
LC0020	0.053	1.5	9.8	-2.26	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.656	0.0419	121	0.52	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.75	0.015	138	0.95	
LC0027	0.236	0.118	43.5	-1.41	

Characteristics of parameter

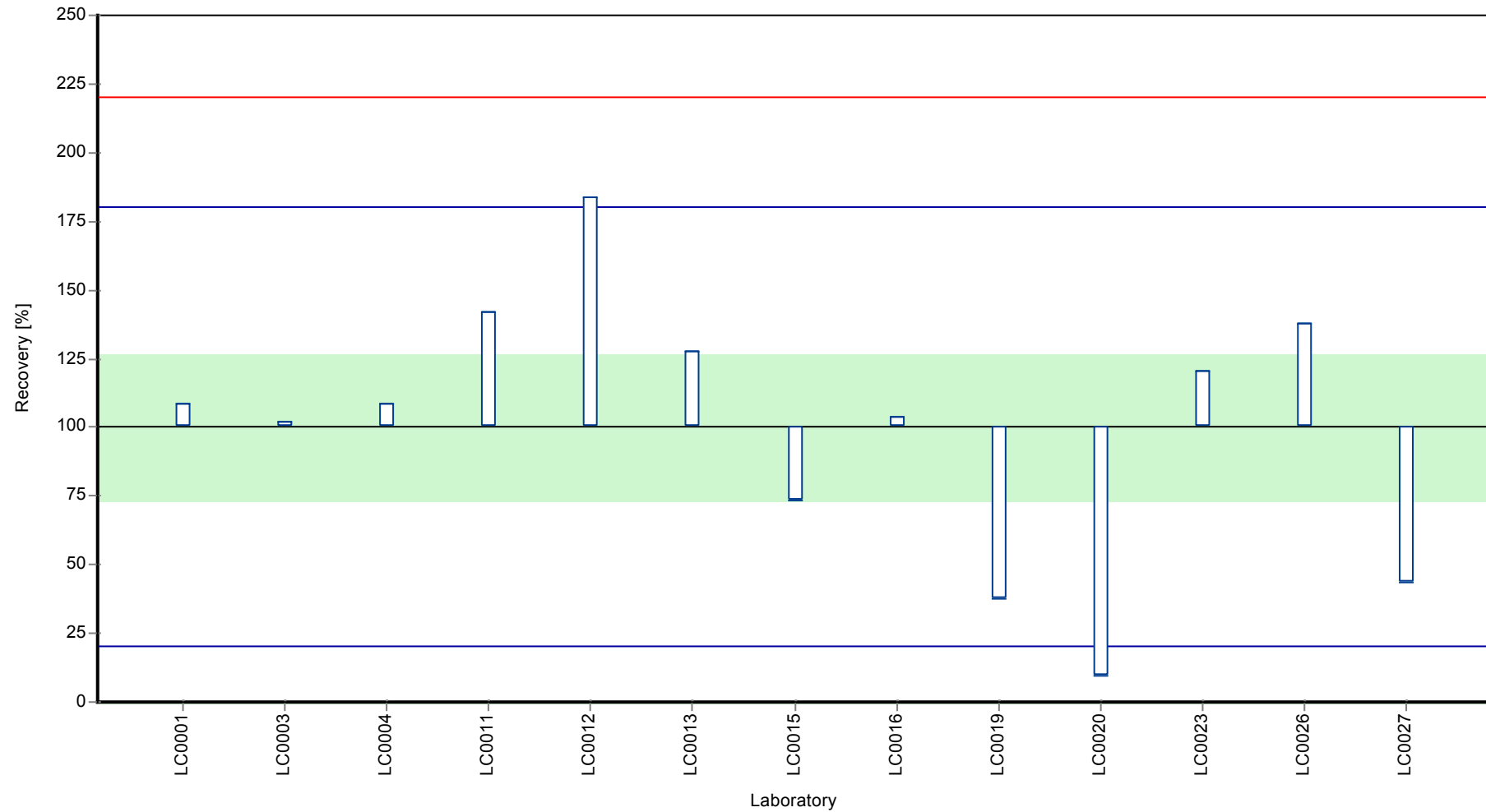
	all results	without outliers	Unit
Mean ± CI (99%)	0.543 ± 0.217	0.543 ± 0.217	µg/l
Minimum	0.053	0.053	µg/l
Maximum	0.999	0.999	µg/l
Standard deviation	0.26	0.26	µg/l
rel. standard deviation	47.9	47.9	%
n	13	13	-

Graphical presentation of results

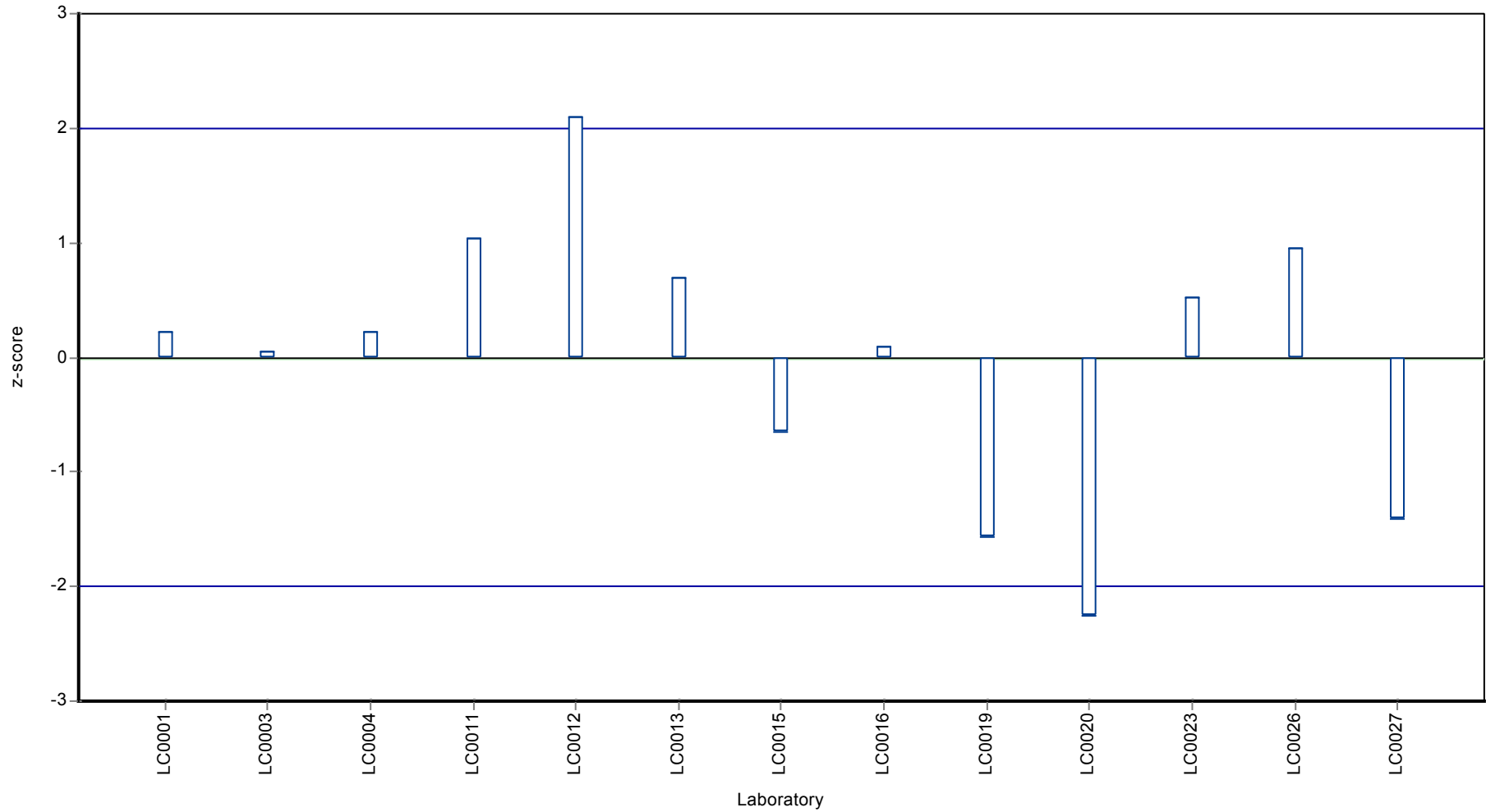
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Thiacloprid

Unit	µg/l
Assigned value ± U (k=2)	0.131 ± 0.00767
Criterion	0.0184 (14 %)
Minimum - Maximum	0.11 - 0.154
Control test value ± U (k=2)	0.139 ± 0.0209

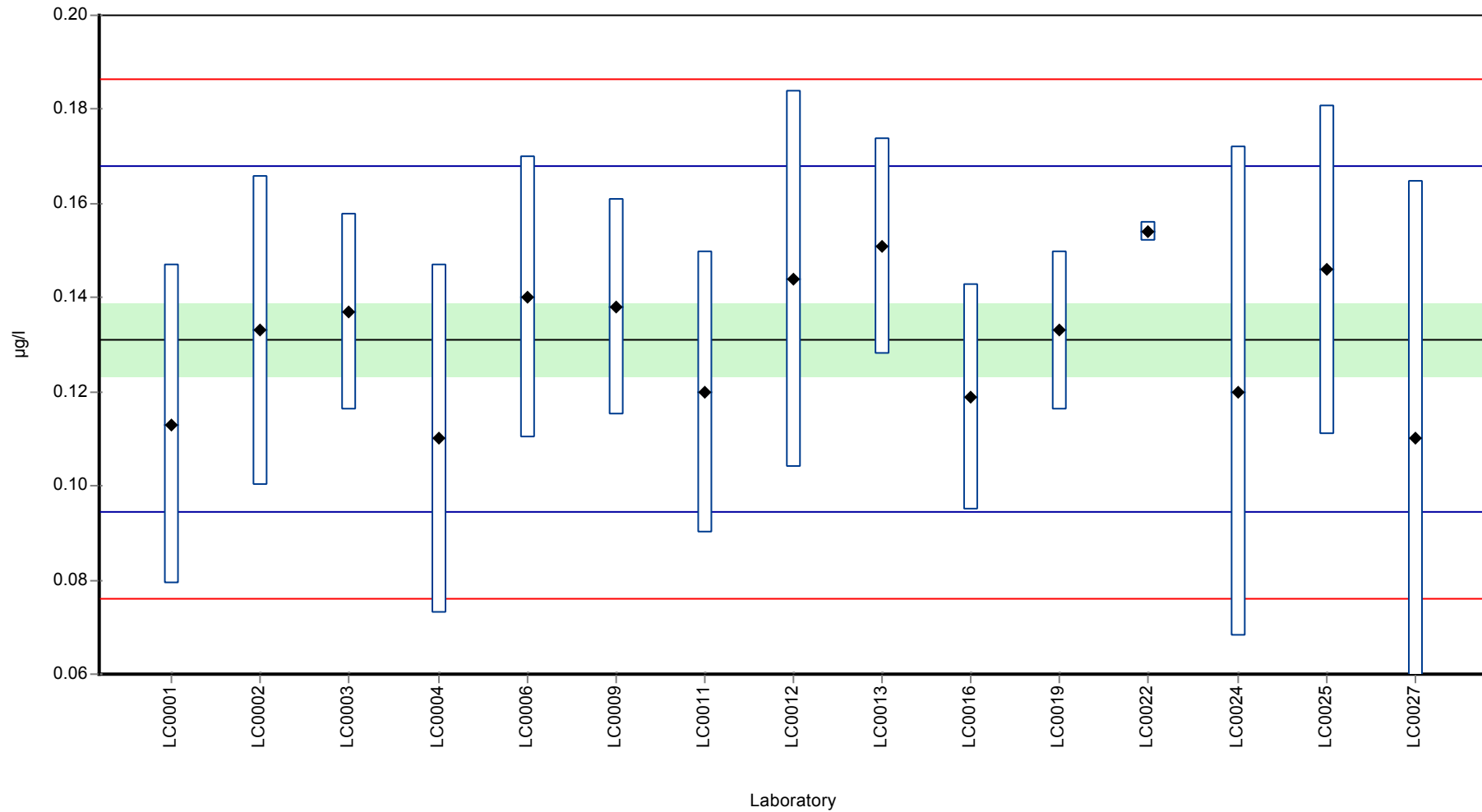
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.113	0.034	86.1	-0.99	
LC0002	0.133	0.033	101	0.1	
LC0003	0.137	0.021	104	0.32	
LC0004	0.11	0.037	83.8	-1.15	
LC0005	-	-	-	-	
LC0006	0.14	0.03	107	0.48	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.138	0.023	105	0.37	
LC0010	-	-	-	-	
LC0011	0.12	0.03	91.5	-0.61	
LC0012	0.144	0.04	110	0.7	
LC0013	0.151	0.023	115	1.08	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.119	0.024	90.7	-0.66	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.133	0.017	101	0.1	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.154	0.002	117	1.24	
LC0023	-	-	-	-	
LC0024	0.12	0.052	91.5	-0.61	
LC0025	0.146	0.035	111	0.81	
LC0026	-	-	-	-	
LC0027	0.11	0.055	83.8	-1.15	

Characteristics of parameter

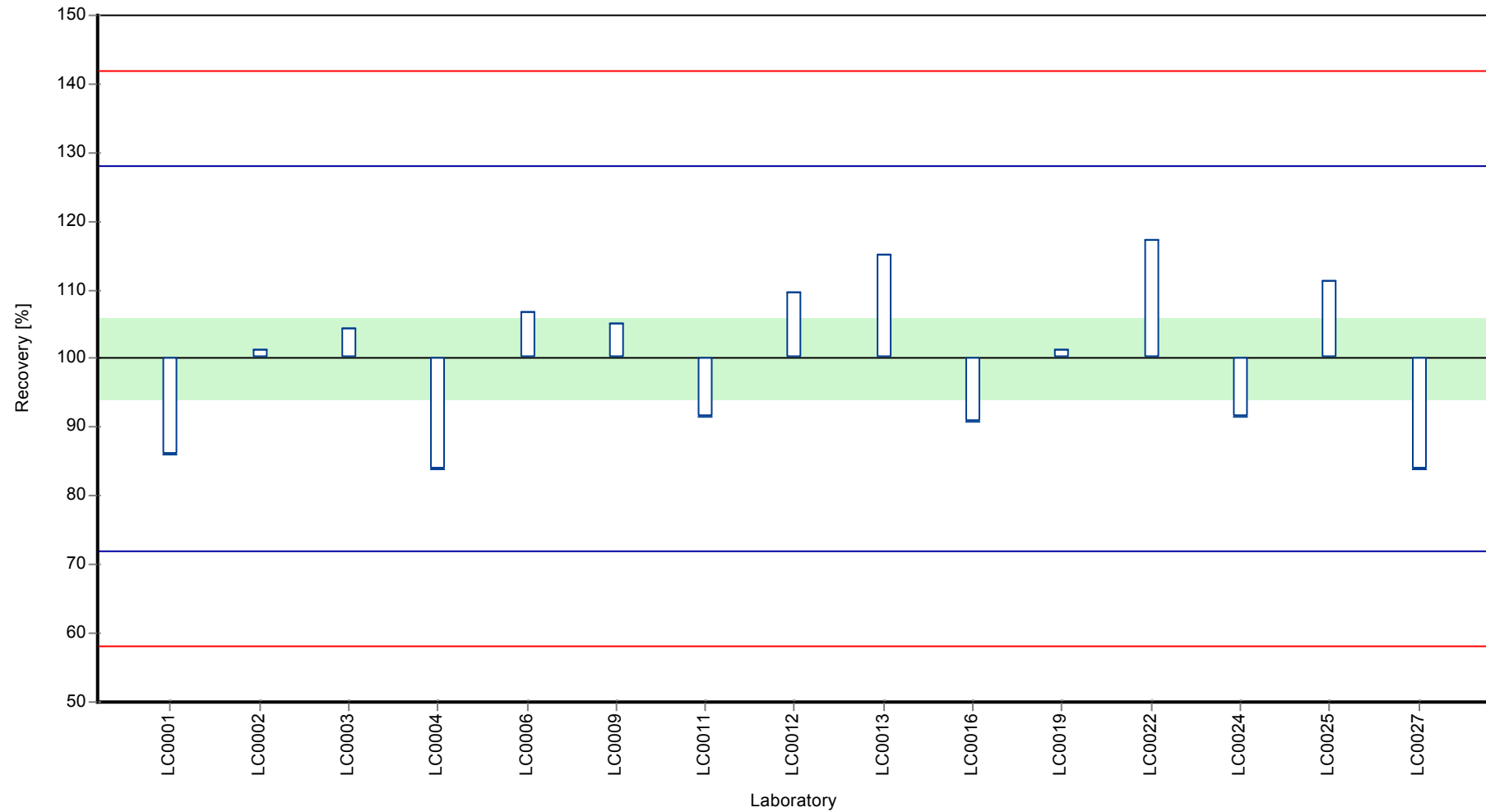
	all results	without outliers	Unit
Mean ± CI (99%)	0.131 ± 0.0115	0.131 ± 0.0115	µg/l
Minimum	0.11	0.11	µg/l
Maximum	0.154	0.154	µg/l
Standard deviation	0.0149	0.0149	µg/l
rel. standard deviation	11.3	11.3	%
n	15	15	-

Graphical presentation of results

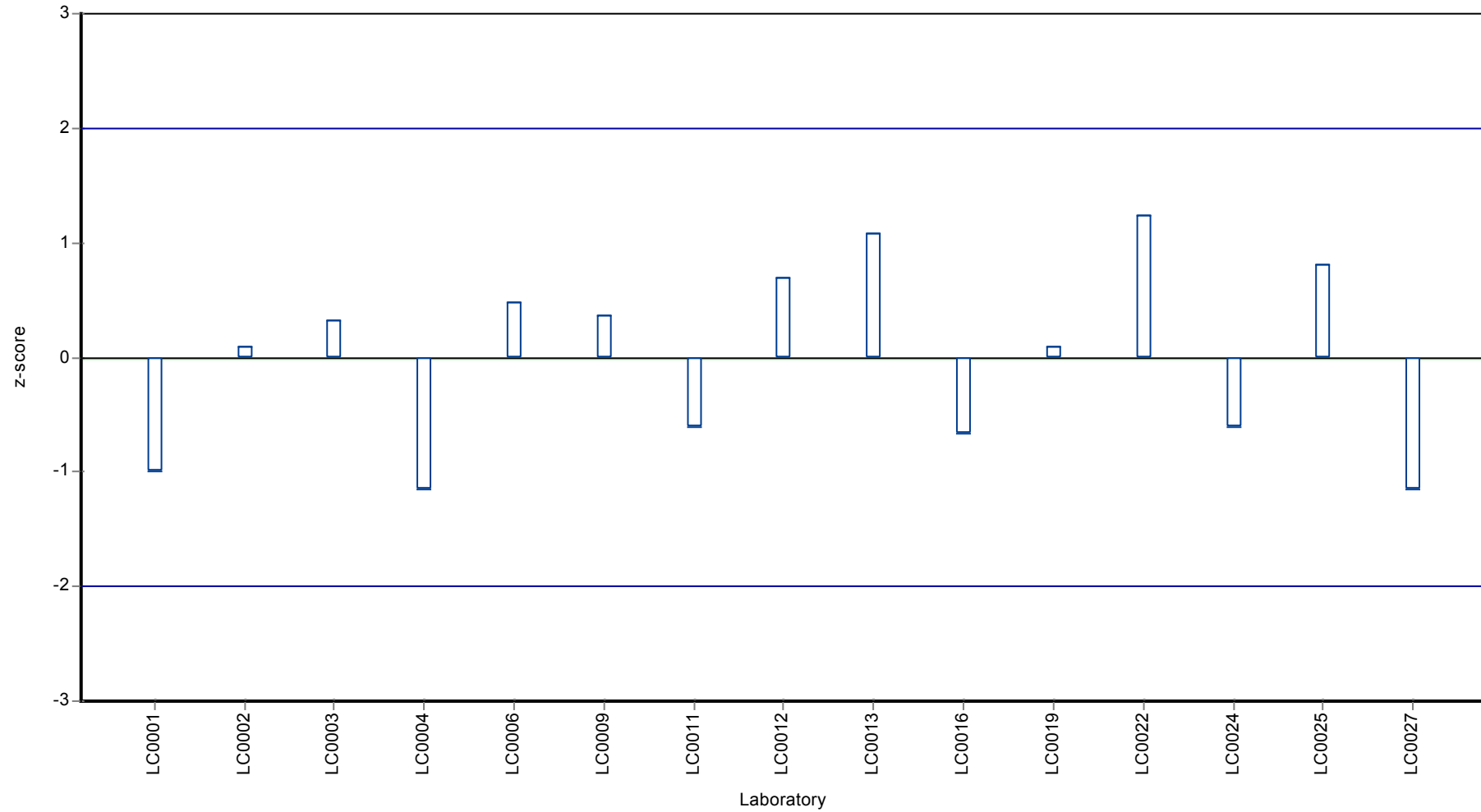
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Thiacloprid

Unit	µg/l
Assigned value ± U (k=2)	0.277 ± 0.0183
Criterion	0.0388 (14 %)
Minimum - Maximum	0.21 - 0.333
Control test value ± U (k=2)	0.277 ± 0.0416

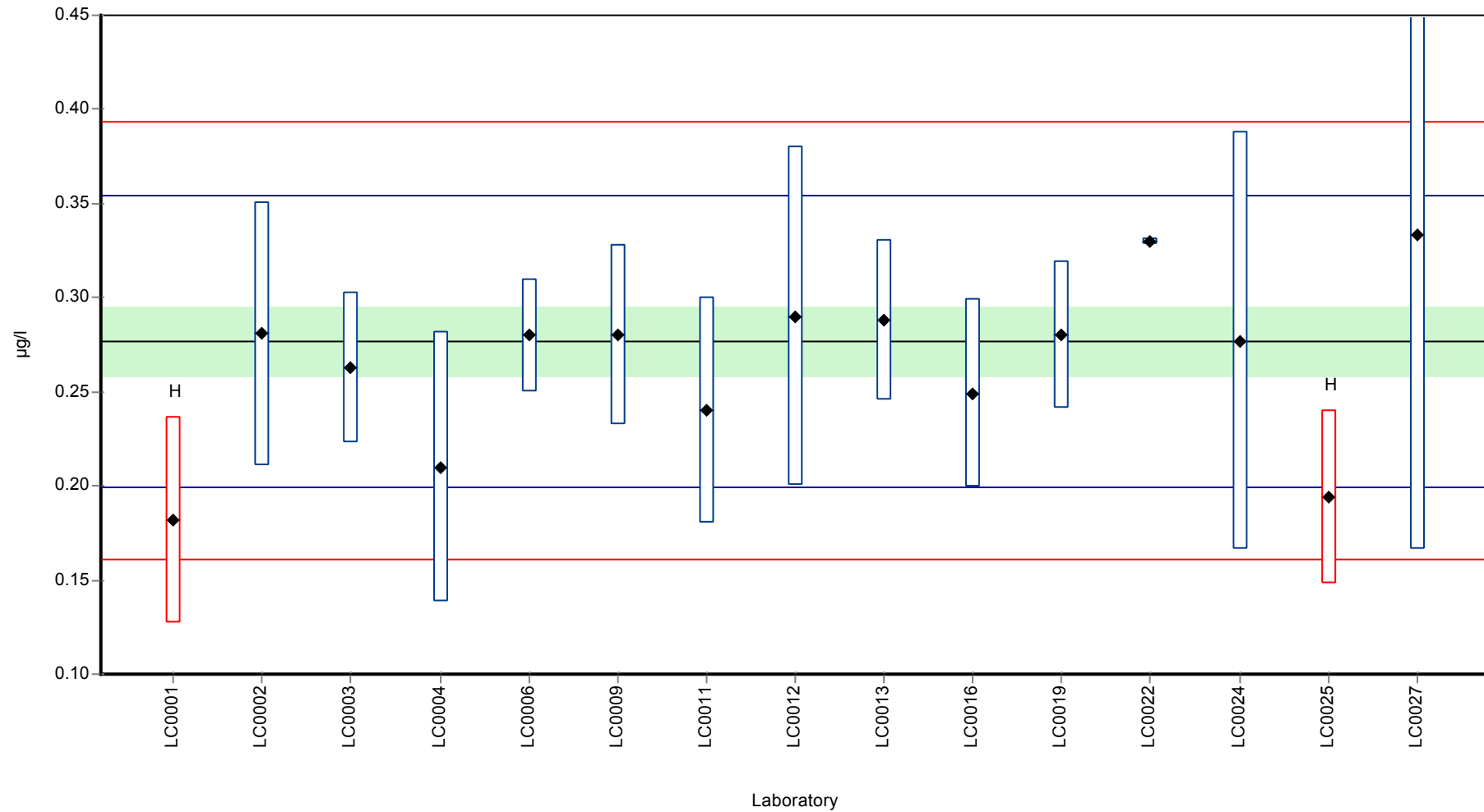
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.182	0.055	65.7	-2.45	H
LC0002	0.281	0.07	101	0.1	
LC0003	0.263	0.04	94.9	-0.36	
LC0004	0.21	0.072	75.8	-1.73	
LC0005	-	-	-	-	
LC0006	0.28	0.03	101	0.08	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.28	0.048	101	0.08	
LC0010	-	-	-	-	
LC0011	0.24	0.06	86.6	-0.95	
LC0012	0.29	0.09	105	0.34	
LC0013	0.288	0.043	104	0.28	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.249	0.05	89.9	-0.72	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.28	0.039	101	0.08	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.33	0.002	119	1.37	
LC0023	-	-	-	-	
LC0024	0.277	0.111	100	0	
LC0025	0.194	0.046	70	-2.14	H
LC0026	-	-	-	-	
LC0027	0.333	0.167	120	1.44	

Characteristics of parameter

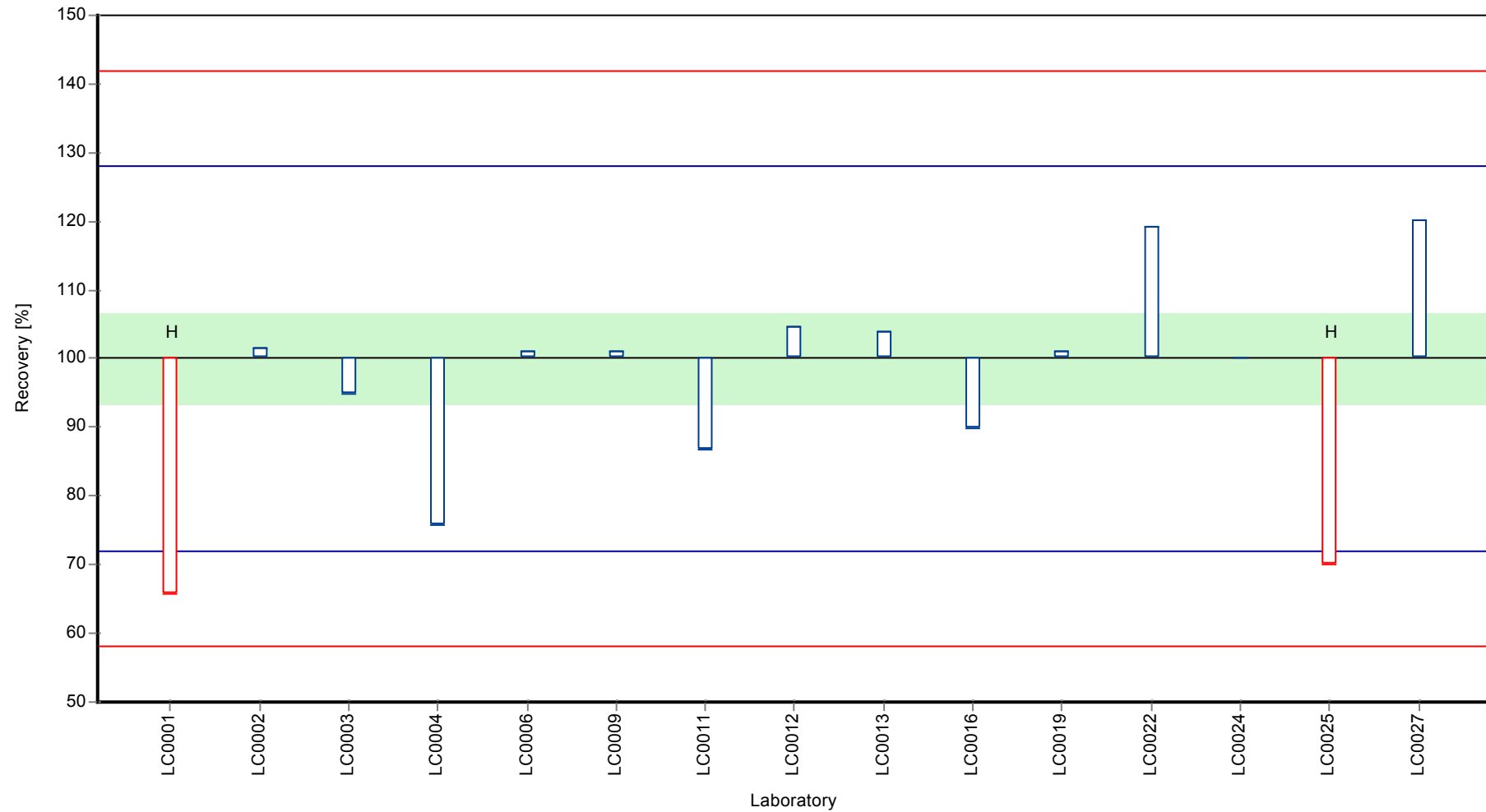
	all results	without outliers	Unit
Mean ± CI (99%)	0.265 ± 0.034	0.277 ± 0.0275	µg/l
Minimum	0.182	0.21	µg/l
Maximum	0.333	0.333	µg/l
Standard deviation	0.0438	0.0331	µg/l
rel. standard deviation	16.5	11.9 %	
n	15	13	-

Graphical presentation of results

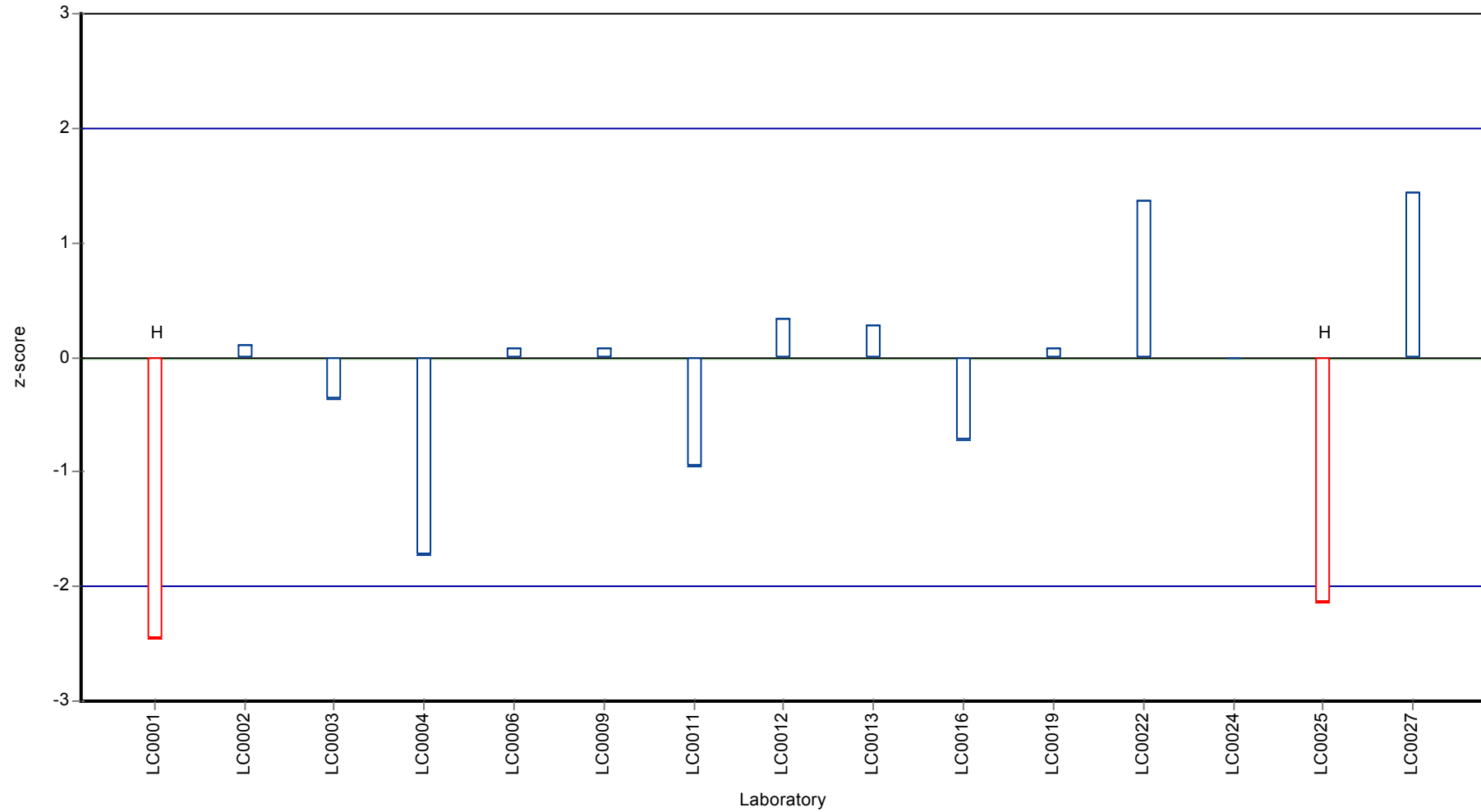
Results



Recovery rate



Z-score



Parameter oriented report

H105 A

Thiamethoxam

Unit	µg/l
Assigned value ± U (k=2)	0.131 ± 0.015
Criterion	0.0197 (15 %)
Minimum - Maximum	0.082 - 0.185
Control test value ± U (k=2)	0.128 ± 0.0193

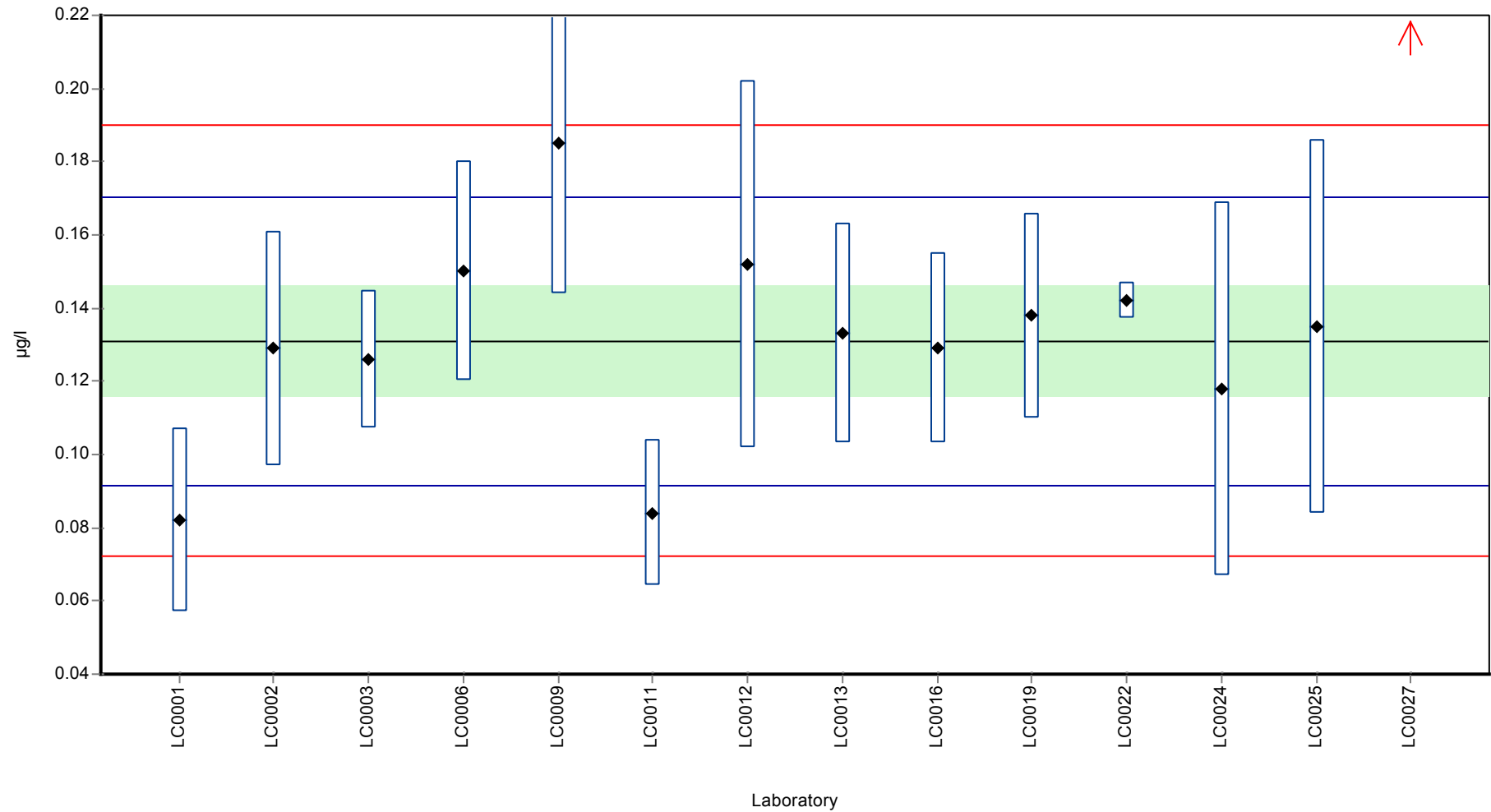
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.082	0.025	62.6	-2.49	
LC0002	0.129	0.032	98.5	-0.1	
LC0003	0.126	0.019	96.2	-0.25	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.15	0.03	115	0.97	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.185	0.041	141	2.75	
LC0010	-	-	-	-	
LC0011	0.084	0.02	64.1	-2.39	
LC0012	0.152	0.05	116	1.07	
LC0013	0.133	0.03	102	0.1	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.129	0.026	98.5	-0.1	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.138	0.028	105	0.36	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.142	0.005	108	0.56	
LC0023	-	-	-	-	
LC0024	0.118	0.051	90.1	-0.66	
LC0025	0.135	0.051	103	0.2	
LC0026	-	-	-	-	
LC0027	0.319	0.164	244	9.57	H

Characteristics of parameter

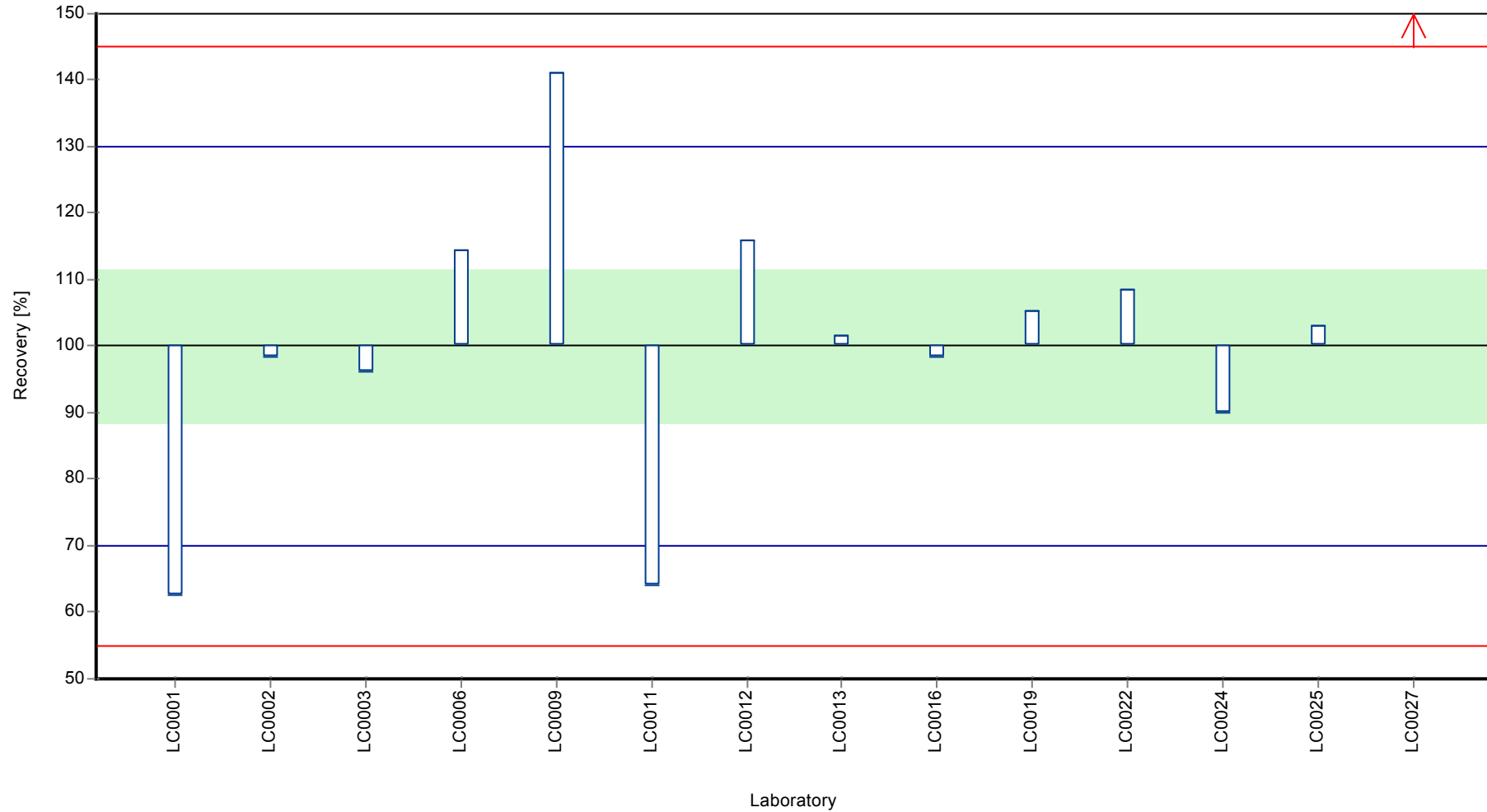
	all results	without outliers	Unit
Mean ± CI (99%)	0.144 ± 0.0453	0.131 ± 0.0224	µg/l
Minimum	0.082	0.082	µg/l
Maximum	0.319	0.185	µg/l
Standard deviation	0.0565	0.027	µg/l
rel. standard deviation	39.1	20.6	%
n	14	13	-

Graphical presentation of results

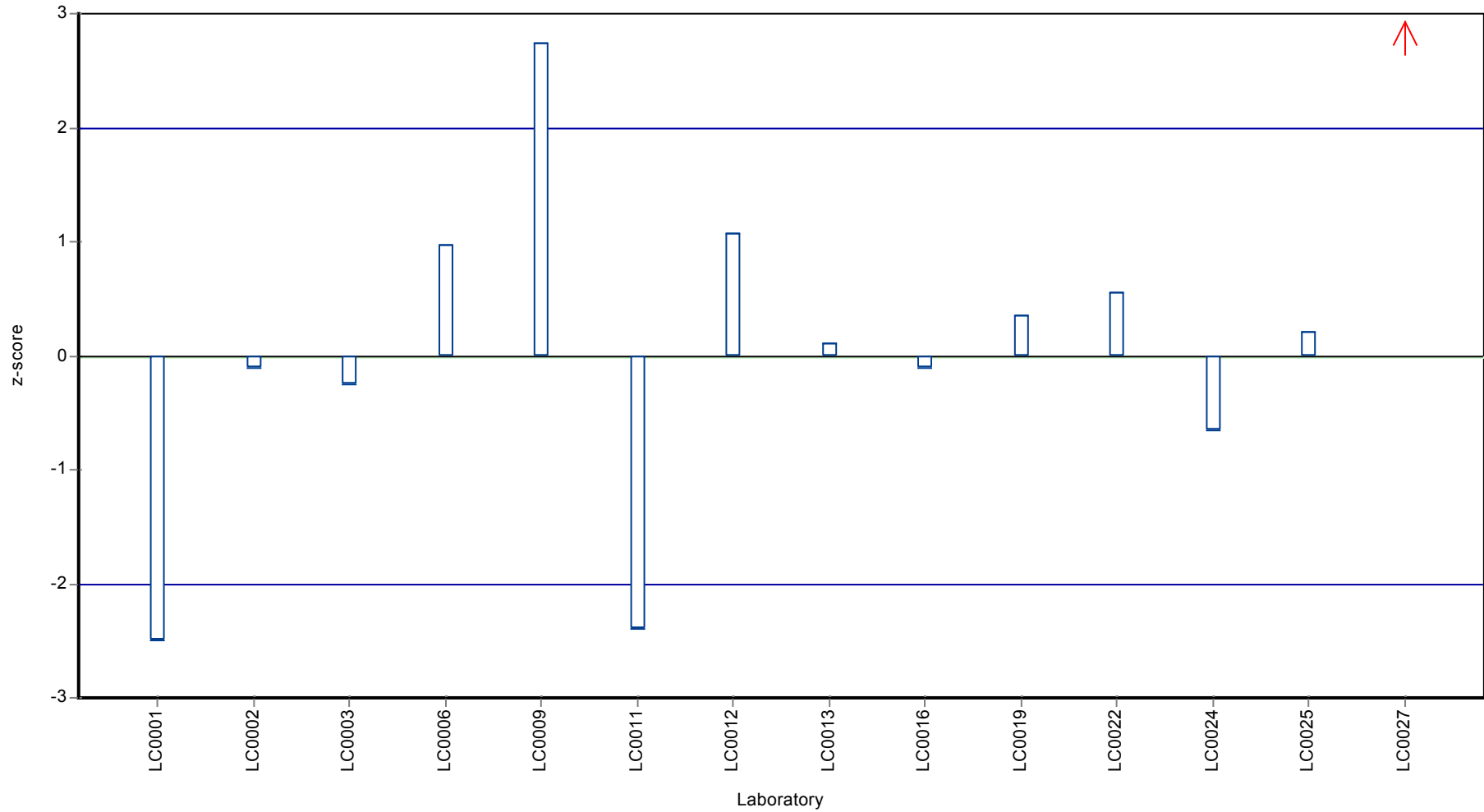
Results



Recovery rate



Z-score



Parameter oriented report

H105 B

Thiamethoxam

Unit	µg/l
Assigned value ± U (k=2)	0.263 ± 0.0323
Criterion	0.0394 (15 %)
Minimum - Maximum	0.149 - 0.352
Control test value ± U (k=2)	0.245 ± 0.0368

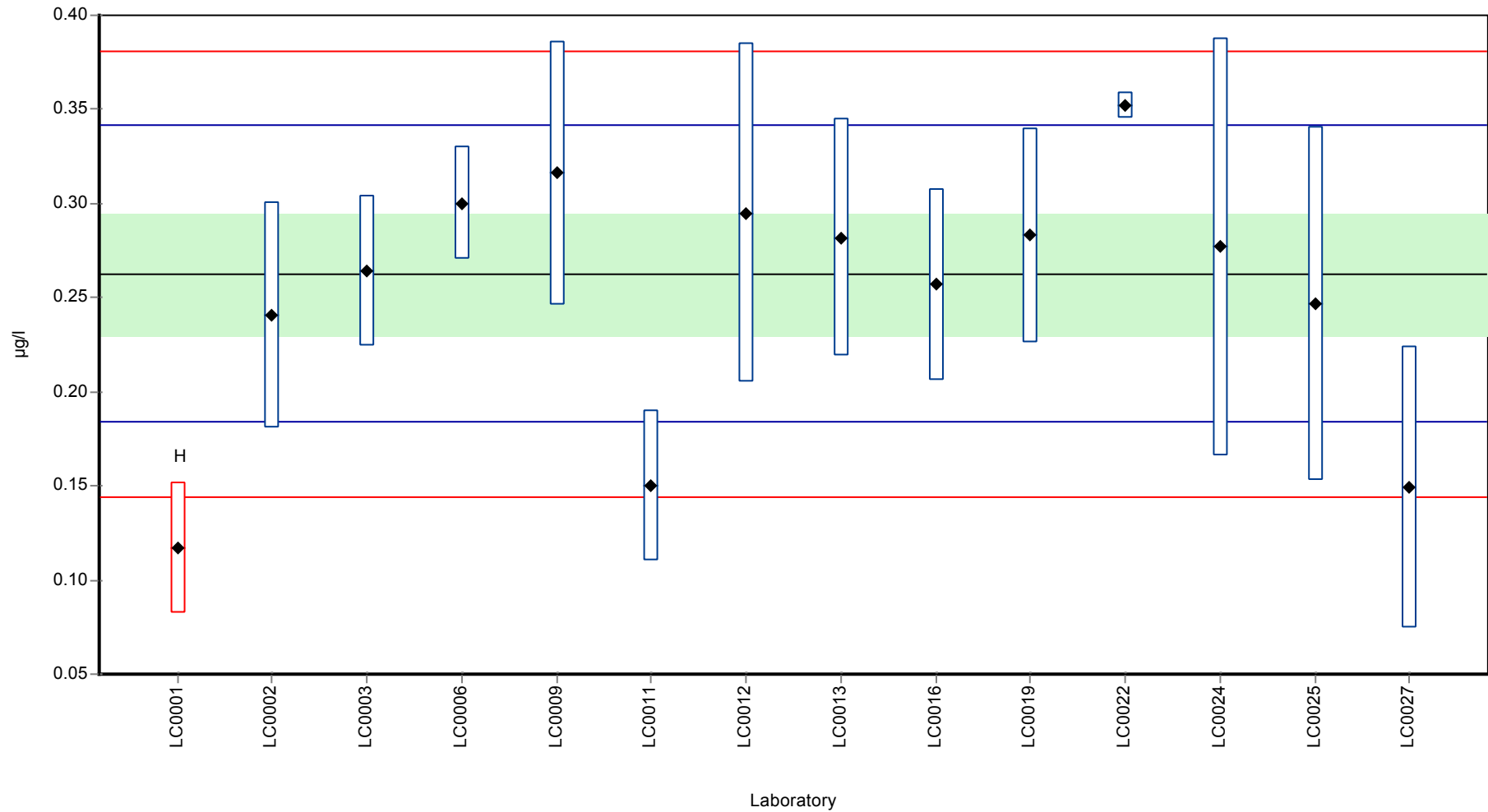
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.117	0.035	44.6	-3.7	H
LC0002	0.241	0.06	91.8	-0.55	
LC0003	0.264	0.04	101	0.04	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.3	0.03	114	0.95	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.316	0.07	120	1.36	
LC0010	-	-	-	-	
LC0011	0.15	0.04	57.1	-2.86	
LC0012	0.295	0.09	112	0.82	
LC0013	0.282	0.063	107	0.49	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.257	0.051	97.9	-0.14	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.283	0.057	108	0.52	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.352	0.007	134	2.27	
LC0023	-	-	-	-	
LC0024	0.277	0.111	106	0.37	
LC0025	0.247	0.094	94.1	-0.4	
LC0026	-	-	-	-	
LC0027	0.149	0.075	56.8	-2.88	

Characteristics of parameter

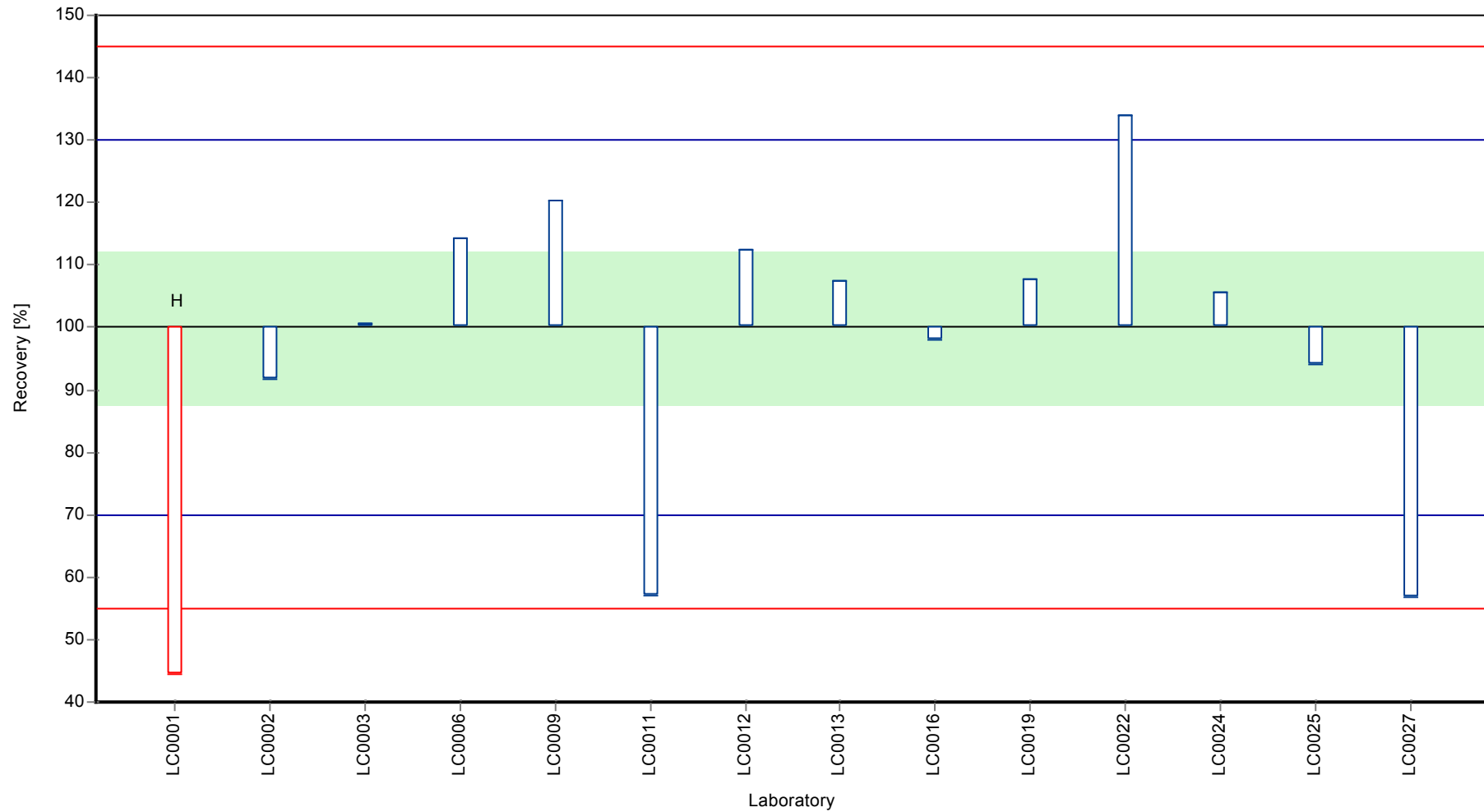
	all results	without outliers	Unit
Mean ± CI (99%)	0.252 ± 0.0546	0.263 ± 0.0484	µg/l
Minimum	0.117	0.149	µg/l
Maximum	0.352	0.352	µg/l
Standard deviation	0.0681	0.0582	µg/l
rel. standard deviation	27	22.2	%
n	14	13	-

Graphical presentation of results

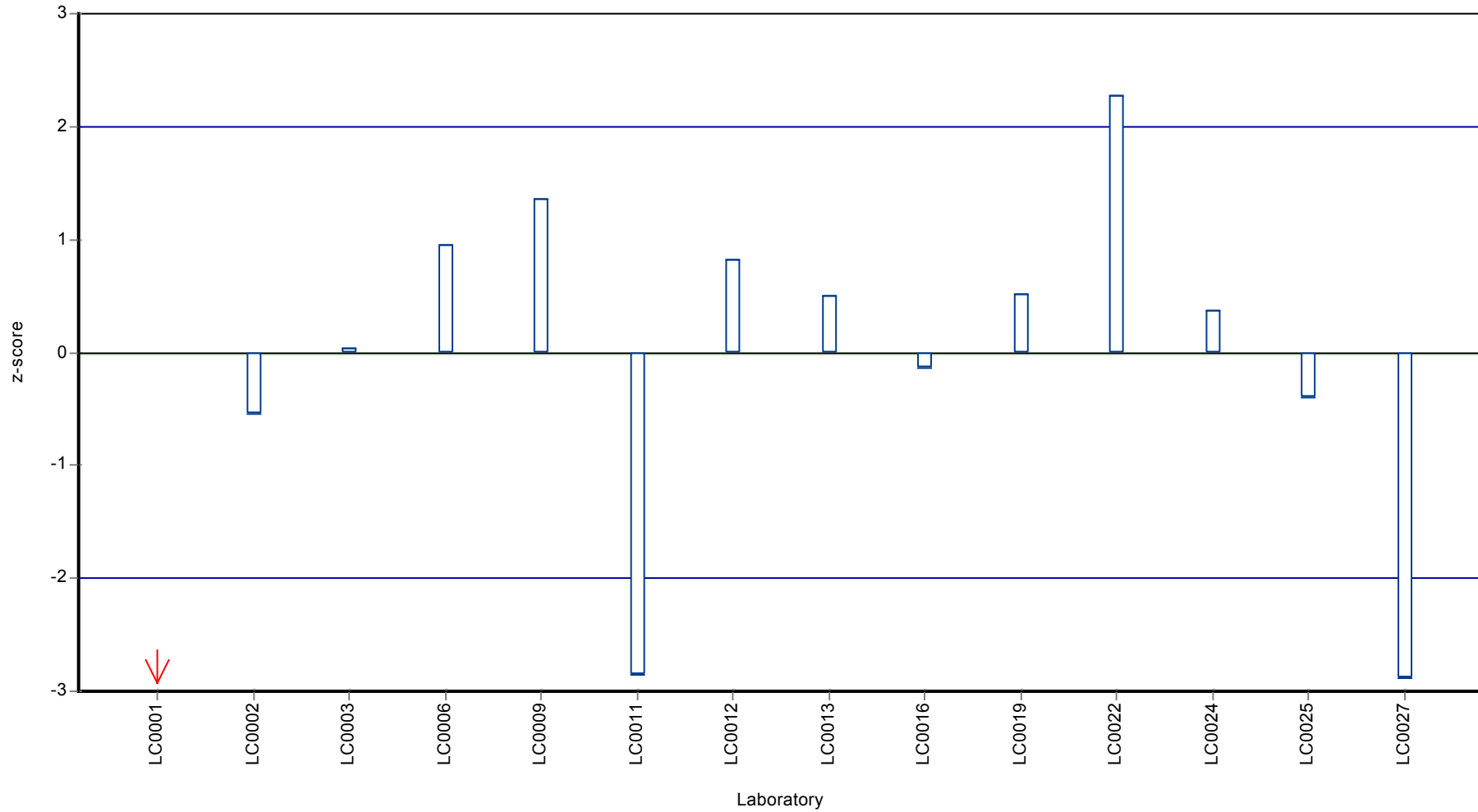
Results



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.

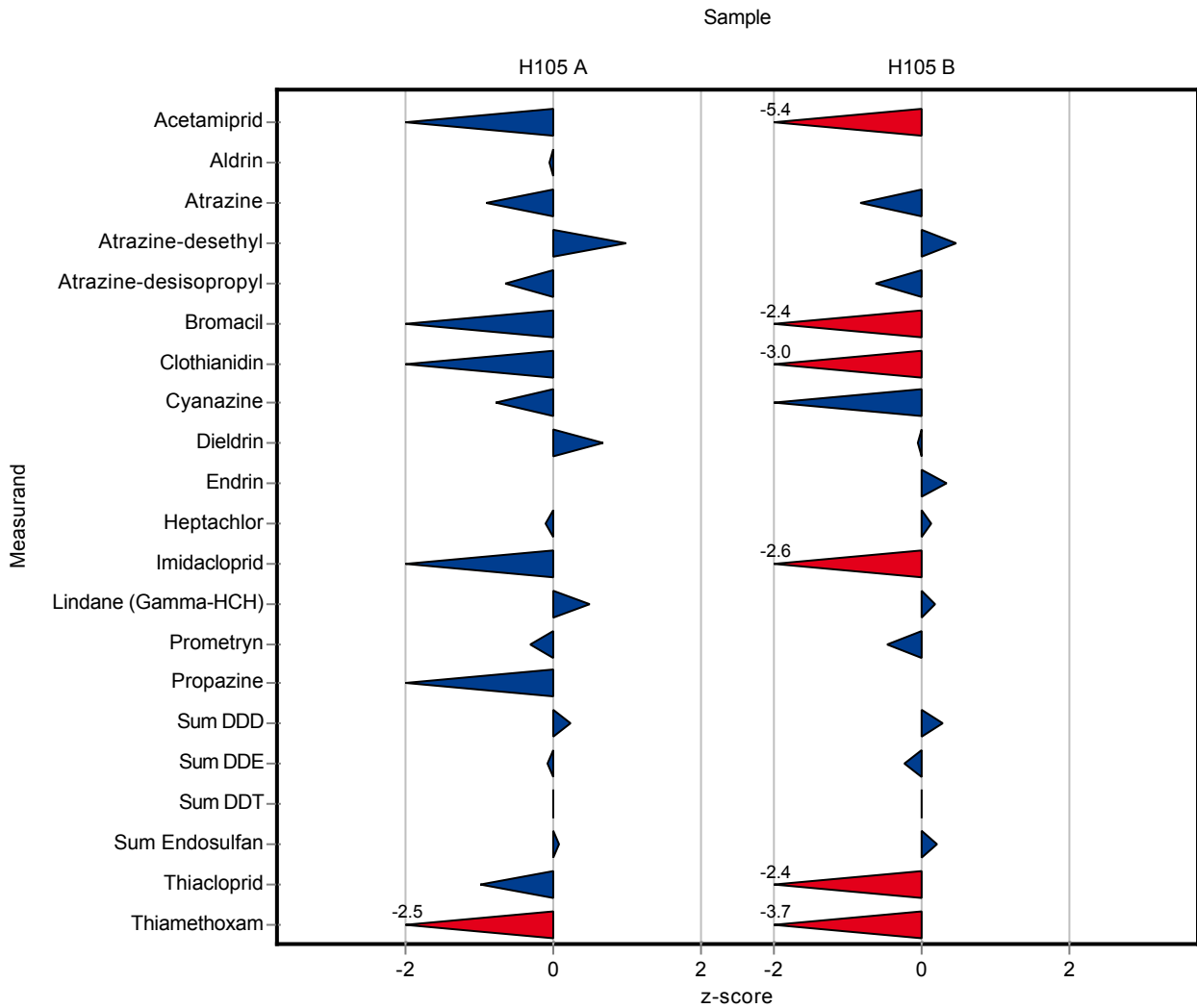
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.163 ± 0.049	0.017	85.1	-1.67
Aldrin	µg/l	0.0651 ± 0.0176	0.064 ± 0.019	0.028	98.2	-0.04
Atrazine	µg/l	0.0736 ± 0.00446	0.067 ± 0.02	0.00736	91	-0.90
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.118 ± 0.035	0.0126	112	1.00
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.1 ± 0.03	0.0142	91.5	-0.65
Bromacil	µg/l	0.123 ± 0.00785	0.096 ± 0.029	0.016	78.2	-1.68
Clothianidin	µg/l	0.179 ± 0.012	0.146 ± 0.044	0.025	81.7	-1.31
Cyanazine	µg/l	0.229 ± 0.0176	0.205 ± 0.062	0.0297	89.7	-0.79
Dieldrin	µg/l	0.272 ± 0.0277	0.306 ± 0.092	0.05	113	0.69
Dinotefurane	µg/l	- ± -	0.092 ± 0.028	-	-	-
Endrin	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.097 ± 0.029	0.0367	96	-0.11
Imidacloprid	µg/l	0.13 ± 0.00945	0.095 ± 0.029	0.0208	73.1	-1.68
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.313 ± 0.094	0.0596	110	0.49
Nitenpyram	µg/l	- ± -	0.142 ± 0.043	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.181 ± 0.054	0.0225	96.4	-0.30
Propazine	µg/l	0.0549 ± 0.00397	0.047 ± 0.014	0.00659	85.6	-1.20
Sum Chlordane	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.314 ± 0.094	0.0934	108	0.23
Sum DDE	µg/l	0.245 ± 0.071	0.237 ± 0.071	0.0939	96.8	-0.08
Sum DDT	µg/l	0.12 ± 0.0312	0.119 ± 0.036	0.0418	99.6	-0.01
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.284 ± 0.085	0.111	103	0.07
Thiacloprid	µg/l	0.131 ± 0.00767	0.113 ± 0.034	0.0184	86.1	-0.99
Thiamethoxam	µg/l	0.131 ± 0.015	0.082 ± 0.025	0.0197	62.6	-2.49

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.385 ± 0.116	0.0279	71.8	-5.41
Aldrin	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.226 ± 0.068	0.0247	91.6	-0.84
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.633 ± 0.19	0.072	106	0.46
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.218 ± 0.065	0.0308	91.9	-0.62
Bromacil	µg/l	0.239 ± 0.0173	0.165 ± 0.05	0.0311	68.9	-2.39
Clothianidin	µg/l	0.332 ± 0.0177	0.192 ± 0.058	0.0465	57.9	-3.01
Cyanazine	µg/l	0.429 ± 0.0374	0.363 ± 0.109	0.0557	84.6	-1.18
Dieldrin	µg/l	0.626 ± 0.105	0.618 ± 0.185	0.19	98.6	-0.04
Dinotefurane	µg/l	- ± -	0.147 ± 0.044	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.355 ± 0.107	0.0602	106	0.34
Heptachlor	µg/l	0.207 ± 0.0501	0.218 ± 0.065	0.0751	105	0.14
Imidacloprid	µg/l	0.283 ± 0.0351	0.163 ± 0.049	0.0452	57.7	-2.65
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.595 ± 0.179	0.12	104	0.19
Nitenpyram	µg/l	- ± -	0.264 ± 0.079	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.408 ± 0.122	0.0519	94.4	-0.47
Propazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Sum Chlordane	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.597 ± 0.179	0.241	113	0.29
Sum DDE	µg/l	0.412 ± 0.131	0.369 ± 0.111	0.174	89.6	-0.25
Sum DDT	µg/l	0.367 ± 0.109	0.367 ± 0.11	0.144	99.9	0.00
Sum Endosulfan	µg/l	0.543 ± 0.144	0.59 ± 0.177	0.217	109	0.22
Thiacloprid	µg/l	0.277 ± 0.0183	0.182 ± 0.055	0.0388	65.7	-2.45
Thiamethoxam	µg/l	0.263 ± 0.0323	0.117 ± 0.035	0.0394	44.6	-3.70



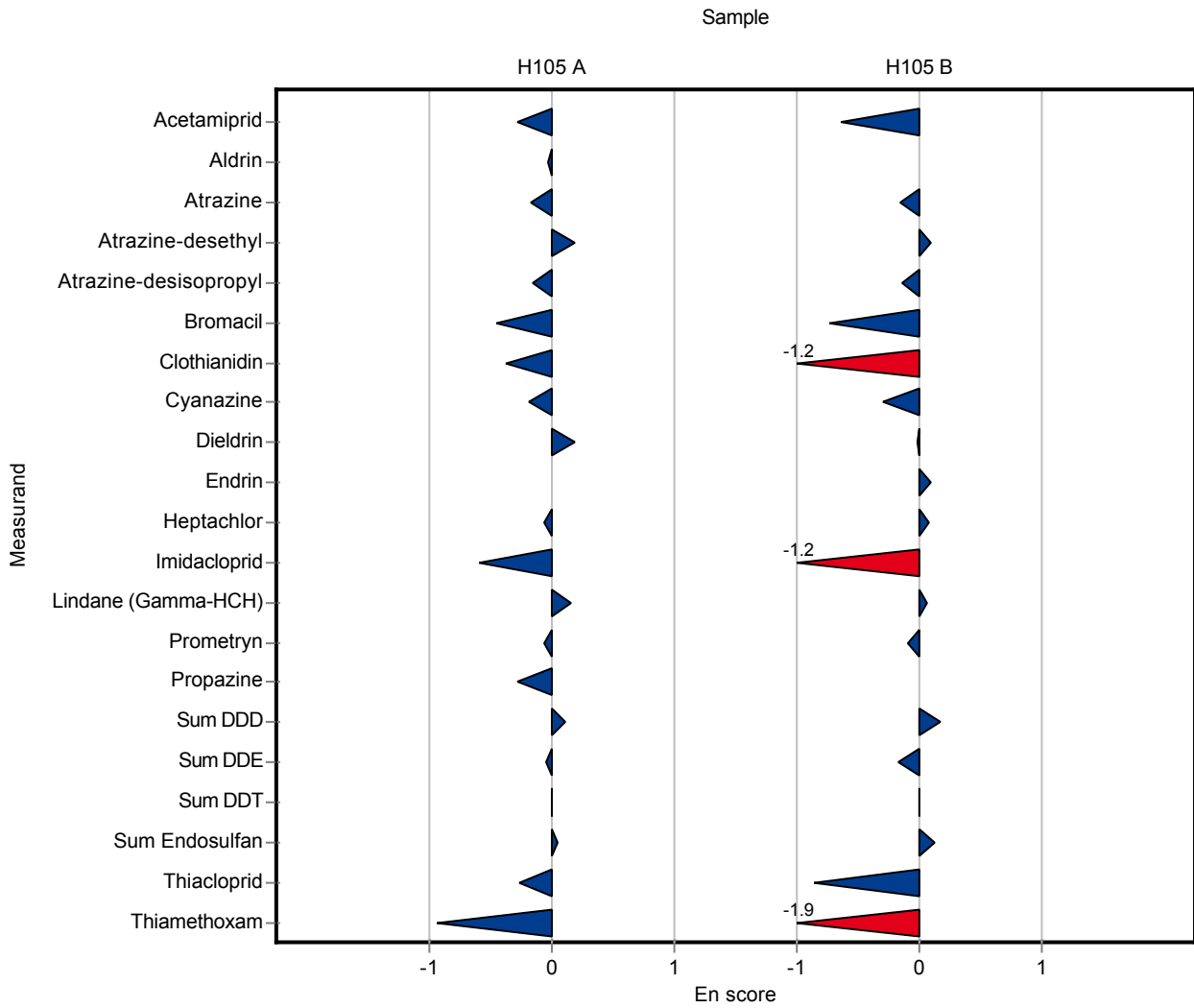
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.163 ± 0.049	0.017	85.1	-0.29
Aldrin	µg/l	0.0651 ± 0.0176	0.064 ± 0.019	0.028	98.2	-0.03
Atrazine	µg/l	0.0736 ± 0.00446	0.067 ± 0.02	0.00736	91	-0.16
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.118 ± 0.035	0.0126	112	0.18
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.1 ± 0.03	0.0142	91.5	-0.15
Bromacil	µg/l	0.123 ± 0.00785	0.096 ± 0.029	0.016	78.2	-0.46
Clothianidin	µg/l	0.179 ± 0.012	0.146 ± 0.044	0.025	81.7	-0.37
Cyanazine	µg/l	0.229 ± 0.0176	0.205 ± 0.062	0.0297	89.7	-0.19
Dieldrin	µg/l	0.272 ± 0.0277	0.306 ± 0.092	0.05	113	0.18
Dinotefurane	µg/l	- ± -	0.092 ± 0.028	-	-	-
Endrin	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.097 ± 0.029	0.0367	96	-0.06
Imidacloprid	µg/l	0.13 ± 0.00945	0.095 ± 0.029	0.0208	73.1	-0.59
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.313 ± 0.094	0.0596	110	0.15
Nitenpyram	µg/l	- ± -	0.142 ± 0.043	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.181 ± 0.054	0.0225	96.4	-0.06
Propazine	µg/l	0.0549 ± 0.00397	0.047 ± 0.014	0.00659	85.6	-0.28
Sum Chlordane	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.314 ± 0.094	0.0934	108	0.11
Sum DDE	µg/l	0.245 ± 0.071	0.237 ± 0.071	0.0939	96.8	-0.05
Sum DDT	µg/l	0.12 ± 0.0312	0.119 ± 0.036	0.0418	99.6	-0.01
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.284 ± 0.085	0.111	103	0.04
Thiacloprid	µg/l	0.131 ± 0.00767	0.113 ± 0.034	0.0184	86.1	-0.27
Thiamethoxam	µg/l	0.131 ± 0.015	0.082 ± 0.025	0.0197	62.6	-0.94

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.385 ± 0.116	0.0279	71.8	-0.65
Aldrin	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]
Atrazine	µg/l	0.247 ± 0.0125	0.226 ± 0.068	0.0247	91.6 -0.15
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.633 ± 0.19	0.072	106 0.09
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.218 ± 0.065	0.0308	91.9 -0.15
Bromacil	µg/l	0.239 ± 0.0173	0.165 ± 0.05	0.0311	68.9 -0.73
Clothianidin	µg/l	0.332 ± 0.0177	0.192 ± 0.058	0.0465	57.9 -1.19
Cyanazine	µg/l	0.429 ± 0.0374	0.363 ± 0.109	0.0557	84.6 -0.30
Dieldrin	µg/l	0.626 ± 0.105	0.618 ± 0.185	0.19	98.6 -0.02
Dinotefurane	µg/l	- ± -	0.147 ± 0.044	-	- -
Endrin	µg/l	0.334 ± 0.0264	0.355 ± 0.107	0.0602	106 0.10
Heptachlor	µg/l	0.207 ± 0.0501	0.218 ± 0.065	0.0751	105 0.08
Imidacloprid	µg/l	0.283 ± 0.0351	0.163 ± 0.049	0.0452	57.7 -1.15
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.595 ± 0.179	0.12	104 0.06
Nitenpyram	µg/l	- ± -	0.264 ± 0.079	-	- -
Prometryn	µg/l	0.432 ± 0.046	0.408 ± 0.122	0.0519	94.4 -0.10
Propazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	- -
Sum Chlordane	µg/l	- ± -	<0.02 (LOQ) ± -	-	- -
Sum DDD	µg/l	0.526 ± 0.171	0.597 ± 0.179	0.241	113 0.18
Sum DDE	µg/l	0.412 ± 0.131	0.369 ± 0.111	0.174	89.6 -0.17
Sum DDT	µg/l	0.367 ± 0.109	0.367 ± 0.11	0.144	99.9 0.00
Sum Endosulfan	µg/l	0.543 ± 0.144	0.59 ± 0.177	0.217	109 0.12
Thiacloprid	µg/l	0.277 ± 0.0183	0.182 ± 0.055	0.0388	65.7 -0.85
Thiamethoxam	µg/l	0.263 ± 0.0323	0.117 ± 0.035	0.0394	44.6 -1.89



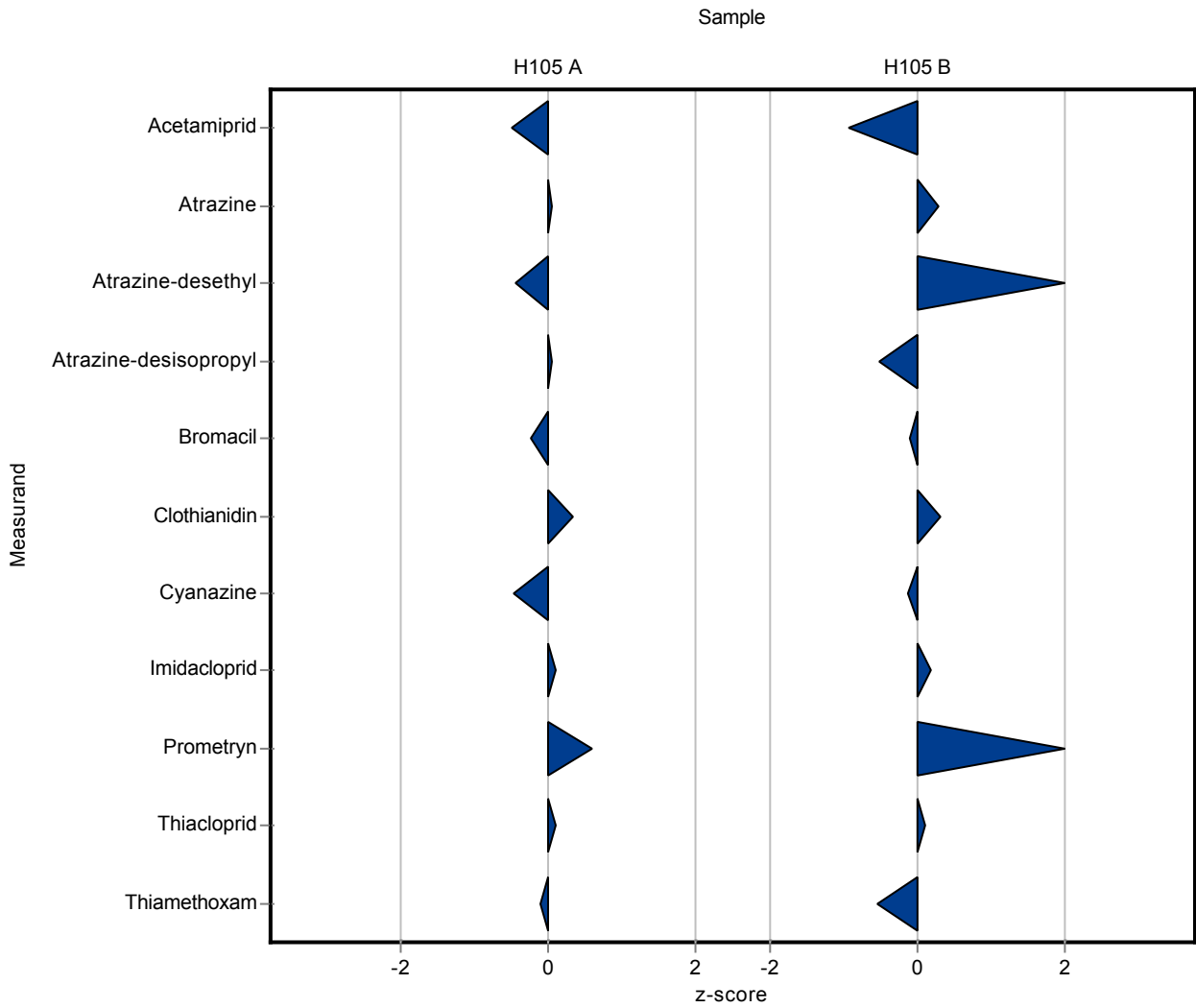
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.183 ± 0.046	0.017	95.6	-0.50
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.074 ± 0.019	0.00736	101	0.05
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.1 ± 0.025	0.0126	94.9	-0.43
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.11 ± 0.028	0.0142	101	0.05
Bromacil	µg/l	0.123 ± 0.00785	0.119 ± 0.03	0.016	96.9	-0.24
Clothianidin	µg/l	0.179 ± 0.012	0.187 ± 0.047	0.025	105	0.33
Cyanazine	µg/l	0.229 ± 0.0176	0.215 ± 0.054	0.0297	94.1	-0.46
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	0.133 ± 0.033	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	0.132 ± 0.033	0.0208	102	0.10
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	0.138 ± 0.035	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.201 ± 0.05	0.0225	107	0.59
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	0.133 ± 0.033	0.0184	101	0.10
Thiamethoxam	µg/l	0.131 ± 0.015	0.129 ± 0.032	0.0197	98.5	-0.10

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.51 ± 0.128	0.0279	95.2	-0.93
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.254 ± 0.064	0.0247	103	0.29
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.694 ± 0.174	0.072	116	1.31
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.221 ± 0.055	0.0308	93.2	-0.53
Bromacil	µg/l	0.239 ± 0.0173	0.236 ± 0.059	0.0311	98.6	-0.11
Clothianidin	µg/l	0.332 ± 0.0177	0.346 ± 0.087	0.0465	104	0.31
Cyanazine	µg/l	0.429 ± 0.0374	0.421 ± 0.105	0.0557	98.2	-0.14
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	0.278 ± 0.07	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	0.291 ± 0.073	0.0452	103	0.18
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	0.349 ± 0.087	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.494 ± 0.124	0.0519	114	1.19
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	0.281 ± 0.07	0.0388	101	0.10
Thiamethoxam	µg/l	0.263 ± 0.0323	0.241 ± 0.06	0.0394	91.8	-0.55



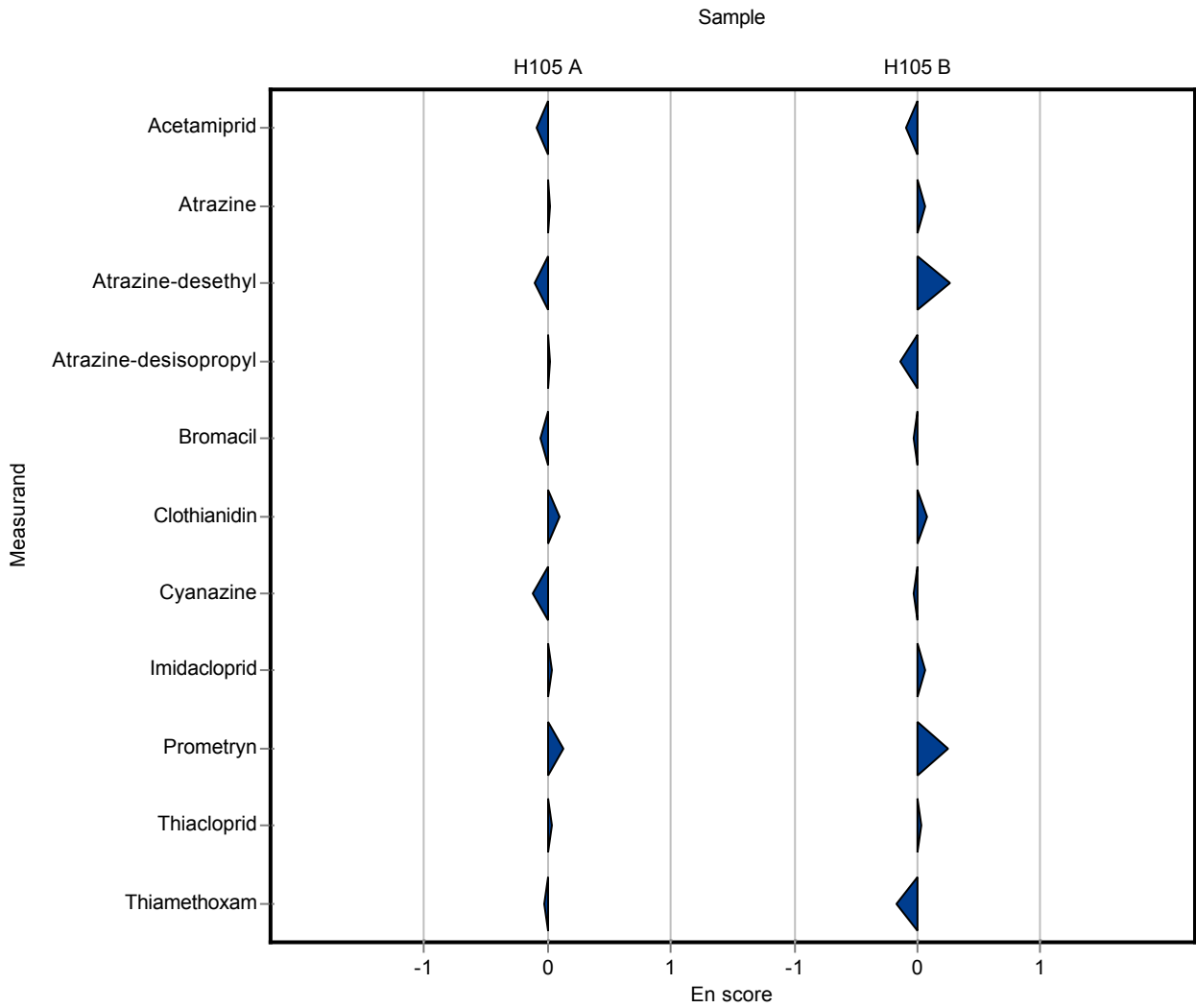
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.183 ± 0.046	0.017	95.6	-0.09
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.074 ± 0.019	0.00736	101	0.01
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.1 ± 0.025	0.0126	94.9	-0.11
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.11 ± 0.028	0.0142	101	0.01
Bromacil	µg/l	0.123 ± 0.00785	0.119 ± 0.03	0.016	96.9	-0.06
Clothianidin	µg/l	0.179 ± 0.012	0.187 ± 0.047	0.025	105	0.09
Cyanazine	µg/l	0.229 ± 0.0176	0.215 ± 0.054	0.0297	94.1	-0.12
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	0.133 ± 0.033	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	0.132 ± 0.033	0.0208	102	0.03
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	0.138 ± 0.035	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.201 ± 0.05	0.0225	107	0.13
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	0.133 ± 0.033	0.0184	101	0.03
Thiamethoxam	µg/l	0.131 ± 0.015	0.129 ± 0.032	0.0197	98.5	-0.03

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.51 ± 0.128	0.0279	95.2	-0.10
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score	
Atrazine	µg/l	0.247 ± 0.0125	0.254 ± 0.064	0.0247	103	0.06
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.694 ± 0.174	0.072	116	0.27
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.221 ± 0.055	0.0308	93.2	-0.15
Bromacil	µg/l	0.239 ± 0.0173	0.236 ± 0.059	0.0311	98.6	-0.03
Clothianidin	µg/l	0.332 ± 0.0177	0.346 ± 0.087	0.0465	104	0.08
Cyanazine	µg/l	0.429 ± 0.0374	0.421 ± 0.105	0.0557	98.2	-0.04
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	0.278 ± 0.07	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	0.291 ± 0.073	0.0452	103	0.06
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	0.349 ± 0.087	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.494 ± 0.124	0.0519	114	0.24
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	0.281 ± 0.07	0.0388	101	0.03
Thiamethoxam	µg/l	0.263 ± 0.0323	0.241 ± 0.06	0.0394	91.8	-0.17



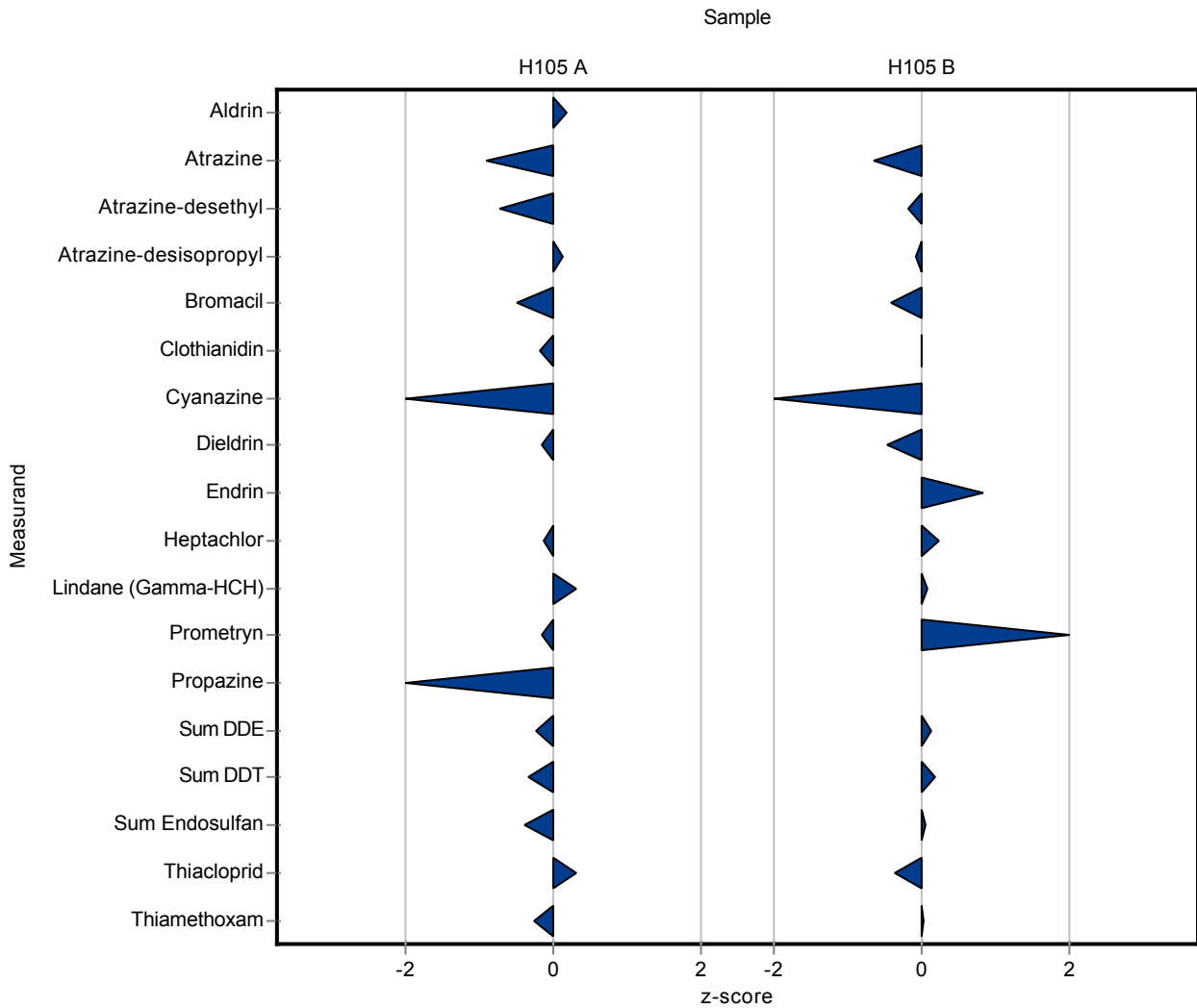
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.07 ± 0.01	0.028	107	0.17
Atrazine	µg/l	0.0736 ± 0.00446	0.067 ± 0.01	0.00736	91	-0.90
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.096 ± 0.014	0.0126	91.1	-0.74
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.111 ± 0.017	0.0142	102	0.12
Bromacil	µg/l	0.123 ± 0.00785	0.115 ± 0.017	0.016	93.7	-0.49
Clothianidin	µg/l	0.179 ± 0.012	0.174 ± 0.026	0.025	97.4	-0.19
Cyanazine	µg/l	0.229 ± 0.0176	0.197 ± 0.03	0.0297	86.2	-1.06
Dieldrin	µg/l	0.272 ± 0.0277	0.264 ± 0.04	0.05	97.1	-0.15
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.0961 ± 0.014	0.0367	95.1	-0.13
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.303 ± 0.045	0.0596	107	0.32
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.184 ± 0.028	0.0225	98	-0.17
Propazine	µg/l	0.0549 ± 0.00397	0.047 ± 0.007	0.00659	85.6	-1.20
Sum Chlordane	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	0.223 ± 0.033	0.0939	91.1	-0.23
Sum DDT	µg/l	0.12 ± 0.0312	0.105 ± 0.016	0.0418	87.9	-0.35
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.232 ± 0.035	0.111	84	-0.40
Thiacloprid	µg/l	0.131 ± 0.00767	0.137 ± 0.021	0.0184	104	0.32
Thiamethoxam	µg/l	0.131 ± 0.015	0.126 ± 0.019	0.0197	96.2	-0.25

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.231 ± 0.035	0.0247	93.6	-0.64
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.587 ± 0.088	0.072	97.9	-0.18
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.235 ± 0.035	0.0308	99.1	-0.07
Bromacil	µg/l	0.239 ± 0.0173	0.226 ± 0.034	0.0311	94.4	-0.43
Clothianidin	µg/l	0.332 ± 0.0177	0.332 ± 0.05	0.0465	100	0.00
Cyanazine	µg/l	0.429 ± 0.0374	0.355 ± 0.053	0.0557	82.8	-1.32
Dieldrin	µg/l	0.626 ± 0.105	0.536 ± 0.08	0.19	85.6	-0.48
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.385 ± 0.058	0.0602	115	0.84
Heptachlor	µg/l	0.207 ± 0.0501	0.225 ± 0.034	0.0751	108	0.23
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.58 ± 0.087	0.12	101	0.07
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.485 ± 0.073	0.0519	112	1.02
Propazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Sum Chlordane	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	0.433 ± 0.065	0.174	105	0.12
Sum DDT	µg/l	0.367 ± 0.109	0.392 ± 0.059	0.144	107	0.17
Sum Endosulfan	µg/l	0.543 ± 0.144	0.555 ± 0.083	0.217	102	0.05
Thiacloprid	µg/l	0.277 ± 0.0183	0.263 ± 0.04	0.0388	94.9	-0.36
Thiamethoxam	µg/l	0.263 ± 0.0323	0.264 ± 0.04	0.0394	101	0.04



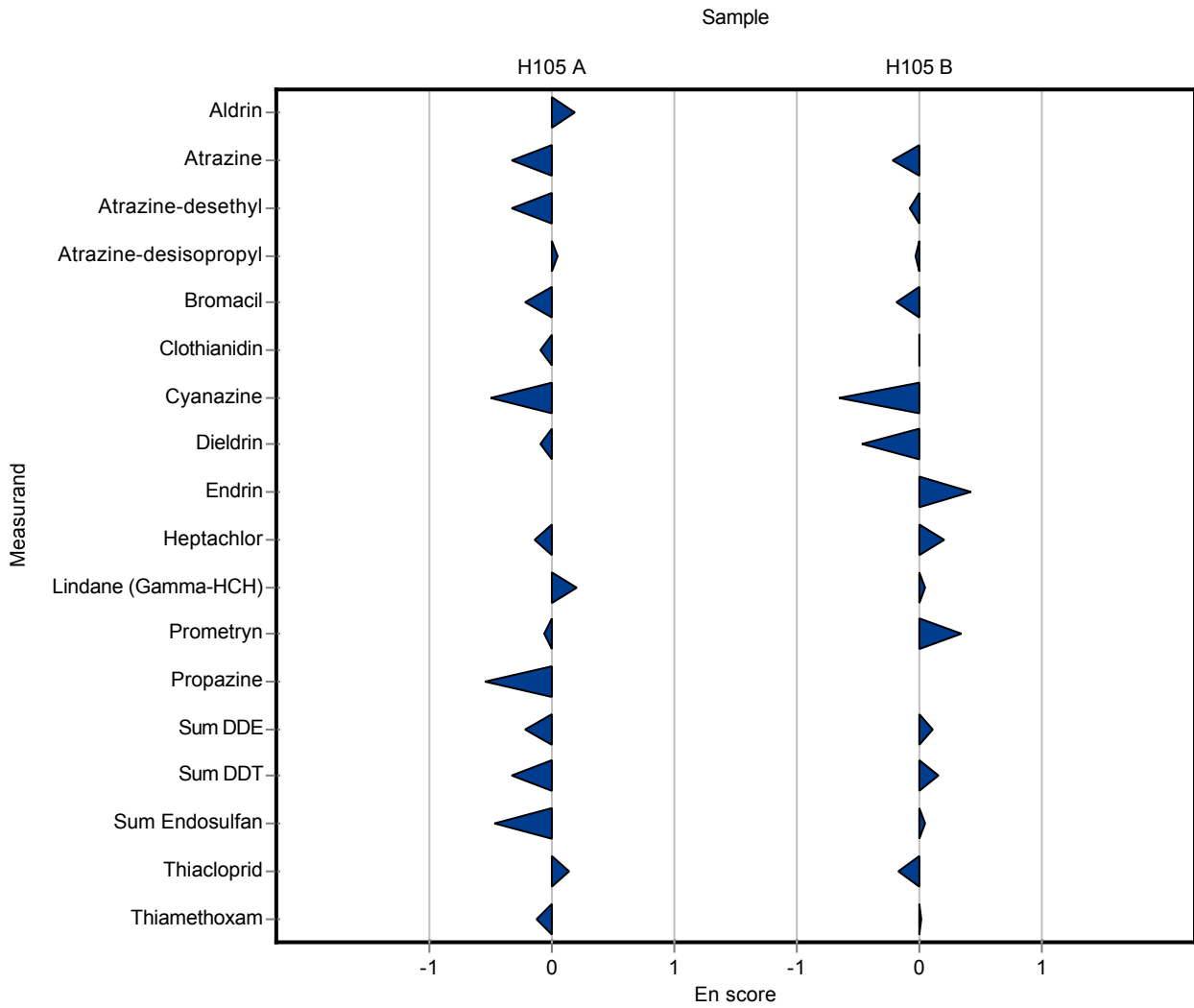
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.07 ± 0.01	0.028	107	0.18
Atrazine	µg/l	0.0736 ± 0.00446	0.067 ± 0.01	0.00736	91	-0.32
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.096 ± 0.014	0.0126	91.1	-0.33
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.111 ± 0.017	0.0142	102	0.05
Bromacil	µg/l	0.123 ± 0.00785	0.115 ± 0.017	0.016	93.7	-0.22
Clothianidin	µg/l	0.179 ± 0.012	0.174 ± 0.026	0.025	97.4	-0.09
Cyanazine	µg/l	0.229 ± 0.0176	0.197 ± 0.03	0.0297	86.2	-0.50
Dieldrin	µg/l	0.272 ± 0.0277	0.264 ± 0.04	0.05	97.1	-0.09
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.0961 ± 0.014	0.0367	95.1	-0.14
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.303 ± 0.045	0.0596	107	0.21
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.184 ± 0.028	0.0225	98	-0.07
Propazine	µg/l	0.0549 ± 0.00397	0.047 ± 0.007	0.00659	85.6	-0.54
Sum Chlordane	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	0.223 ± 0.033	0.0939	91.1	-0.23
Sum DDT	µg/l	0.12 ± 0.0312	0.105 ± 0.016	0.0418	87.9	-0.33
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.232 ± 0.035	0.111	84	-0.46
Thiacloprid	µg/l	0.131 ± 0.00767	0.137 ± 0.021	0.0184	104	0.14
Thiamethoxam	µg/l	0.131 ± 0.015	0.126 ± 0.019	0.0197	96.2	-0.12

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	0.247 ± 0.0125	0.231 ± 0.035	0.0247	93.6	-0.22
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.587 ± 0.088	0.072	97.9	-0.07
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.235 ± 0.035	0.0308	99.1	-0.03
Bromacil	µg/l	0.239 ± 0.0173	0.226 ± 0.034	0.0311	94.4	-0.19
Clothianidin	µg/l	0.332 ± 0.0177	0.332 ± 0.05	0.0465	100	0.00
Cyanazine	µg/l	0.429 ± 0.0374	0.355 ± 0.053	0.0557	82.8	-0.66
Dieldrin	µg/l	0.626 ± 0.105	0.536 ± 0.08	0.19	85.6	-0.47
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.385 ± 0.058	0.0602	115	0.43
Heptachlor	µg/l	0.207 ± 0.0501	0.225 ± 0.034	0.0751	108	0.21
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.58 ± 0.087	0.12	101	0.05
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.485 ± 0.073	0.0519	112	0.34
Propazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Sum Chlordane	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	0.433 ± 0.065	0.174	105	0.12
Sum DDT	µg/l	0.367 ± 0.109	0.392 ± 0.059	0.144	107	0.15
Sum Endosulfan	µg/l	0.543 ± 0.144	0.555 ± 0.083	0.217	102	0.05
Thiacloprid	µg/l	0.277 ± 0.0183	0.263 ± 0.04	0.0388	94.9	-0.17
Thiamethoxam	µg/l	0.263 ± 0.0323	0.264 ± 0.04	0.0394	101	0.02



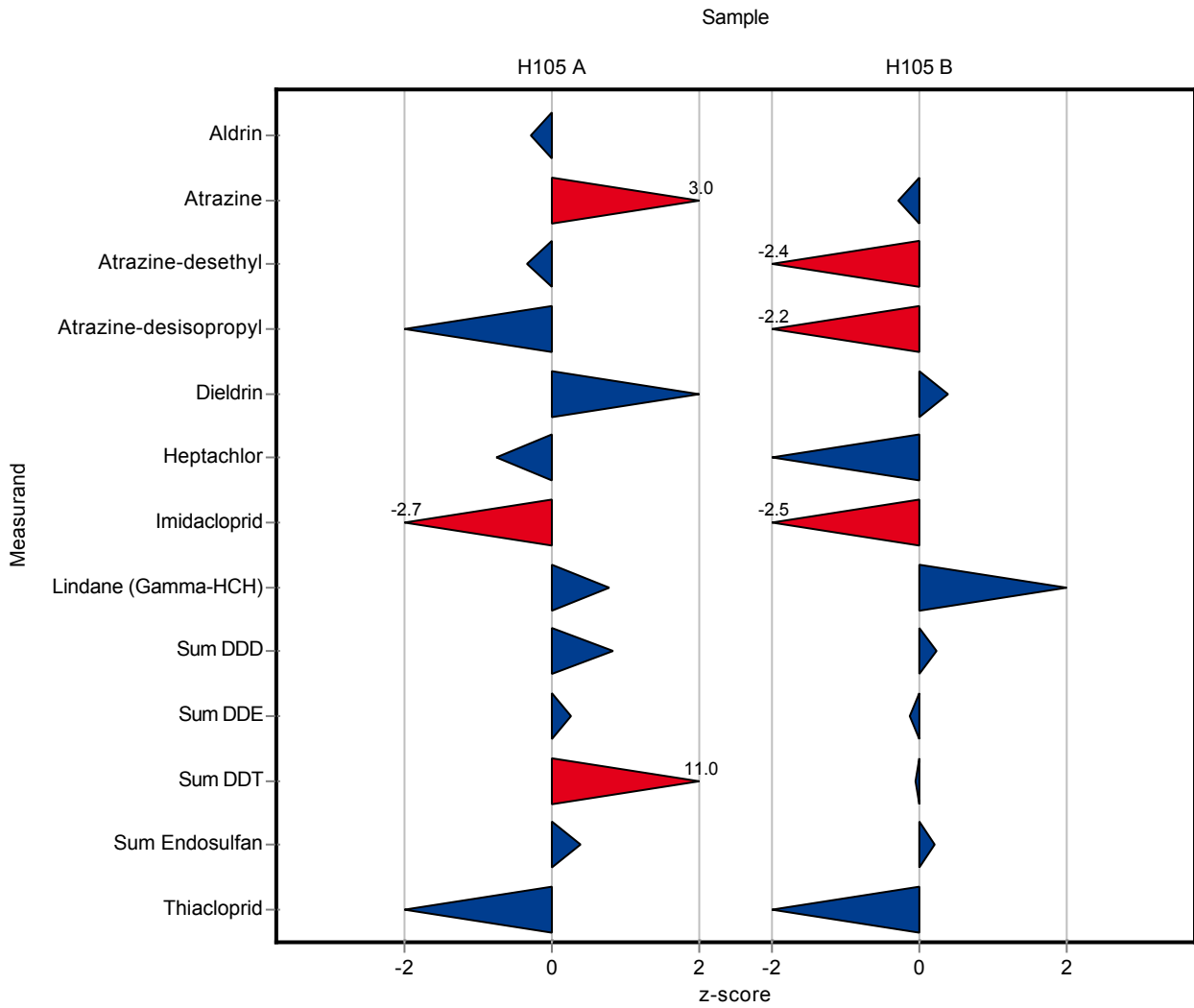
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.057 ± 0.046	0.028	87.5	-0.29
Atrazine	µg/l	0.0736 ± 0.00446	0.096 ± 0.029	0.00736	130	3.04
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.101 ± 0.035	0.0126	95.8	-0.35
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.087 ± 0.035	0.0142	79.6	-1.57
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	0.36 ± 0.16	0.05	132	1.76
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.073 ± 0.073	0.0367	72.3	-0.76
Imidacloprid	µg/l	0.13 ± 0.00945	0.074 ± 0.026	0.0208	57	-2.69
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.33 ± 0.18	0.0596	116	0.78
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.37 ± 0.2	0.0934	127	0.83
Sum DDE	µg/l	0.245 ± 0.071	0.27 ± 0.27	0.0939	110	0.27
Sum DDT	µg/l	0.12 ± 0.0312	0.58 ± 0.42	0.0418	485	11.00
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.32 ± 0.14	0.111	116	0.40
Thiacloprid	µg/l	0.131 ± 0.00767	0.11 ± 0.037	0.0184	83.8	-1.15
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	<0.05 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.24 ± 0.072	0.0247	97.2	-0.28
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.43 ± 0.15	0.072	71.7	-2.36
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.17 ± 0.066	0.0308	71.7	-2.18
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	0.7 ± 0.32	0.19	112	0.39
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	0.11 ± 0.11	0.0751	53	-1.30
Imidacloprid	µg/l	0.283 ± 0.0351	0.17 ± 0.058	0.0452	60.1	-2.49
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.74 ± 0.41	0.12	129	1.40
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.58 ± 0.32	0.241	110	0.22
Sum DDE	µg/l	0.412 ± 0.131	0.39 ± 0.38	0.174	94.7	-0.13
Sum DDT	µg/l	0.367 ± 0.109	0.36 ± 0.32	0.144	98	-0.05
Sum Endosulfan	µg/l	0.543 ± 0.144	0.59 ± 0.26	0.217	109	0.22
Thiacloprid	µg/l	0.277 ± 0.0183	0.21 ± 0.072	0.0388	75.8	-1.73
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



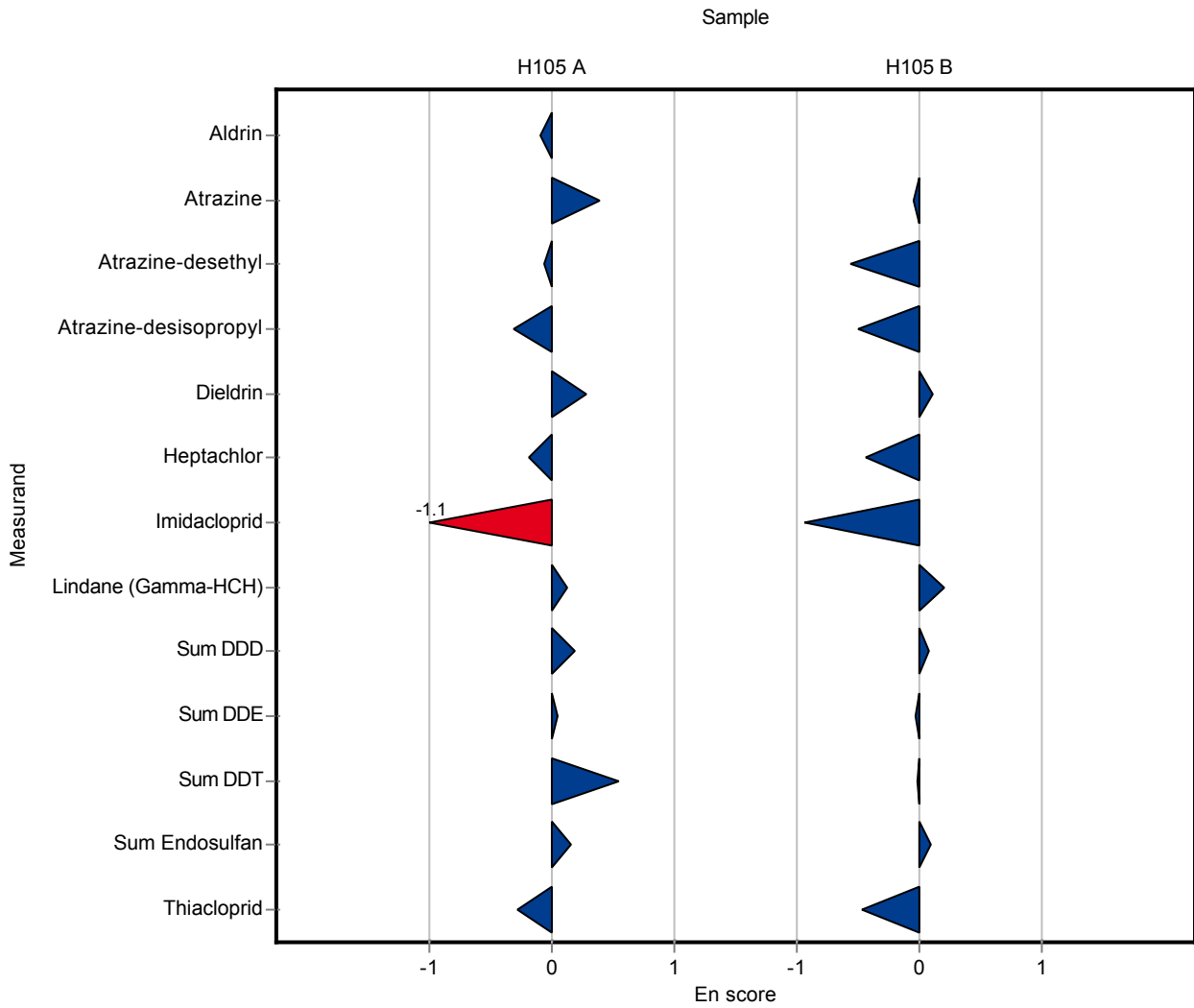
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.057 ± 0.046	0.028	87.5	-0.09
Atrazine	µg/l	0.0736 ± 0.00446	0.096 ± 0.029	0.00736	130	0.39
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.101 ± 0.035	0.0126	95.8	-0.06
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.087 ± 0.035	0.0142	79.6	-0.32
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	0.36 ± 0.16	0.05	132	0.28
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.073 ± 0.073	0.0367	72.3	-0.19
Imidacloprid	µg/l	0.13 ± 0.00945	0.074 ± 0.026	0.0208	57	-1.06
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.33 ± 0.18	0.0596	116	0.13
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.37 ± 0.2	0.0934	127	0.19
Sum DDE	µg/l	0.245 ± 0.071	0.27 ± 0.27	0.0939	110	0.05
Sum DDT	µg/l	0.12 ± 0.0312	0.58 ± 0.42	0.0418	485	0.55
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.32 ± 0.14	0.111	116	0.15
Thiacloprid	µg/l	0.131 ± 0.00767	0.11 ± 0.037	0.0184	83.8	-0.28
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	<0.05 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]	
Atrazine	µg/l	0.247 ± 0.0125	0.24 ± 0.072	0.0247	97.2	-0.05
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.43 ± 0.15	0.072	71.7	-0.56
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.17 ± 0.066	0.0308	71.7	-0.51
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	0.7 ± 0.32	0.19	112	0.11
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	0.11 ± 0.11	0.0751	53	-0.43
Imidacloprid	µg/l	0.283 ± 0.0351	0.17 ± 0.058	0.0452	60.1	-0.93
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.74 ± 0.41	0.12	129	0.20
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.58 ± 0.32	0.241	110	0.08
Sum DDE	µg/l	0.412 ± 0.131	0.39 ± 0.38	0.174	94.7	-0.03
Sum DDT	µg/l	0.367 ± 0.109	0.36 ± 0.32	0.144	98	-0.01
Sum Endosulfan	µg/l	0.543 ± 0.144	0.59 ± 0.26	0.217	109	0.09
Thiacloprid	µg/l	0.277 ± 0.0183	0.21 ± 0.072	0.0388	75.8	-0.46
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



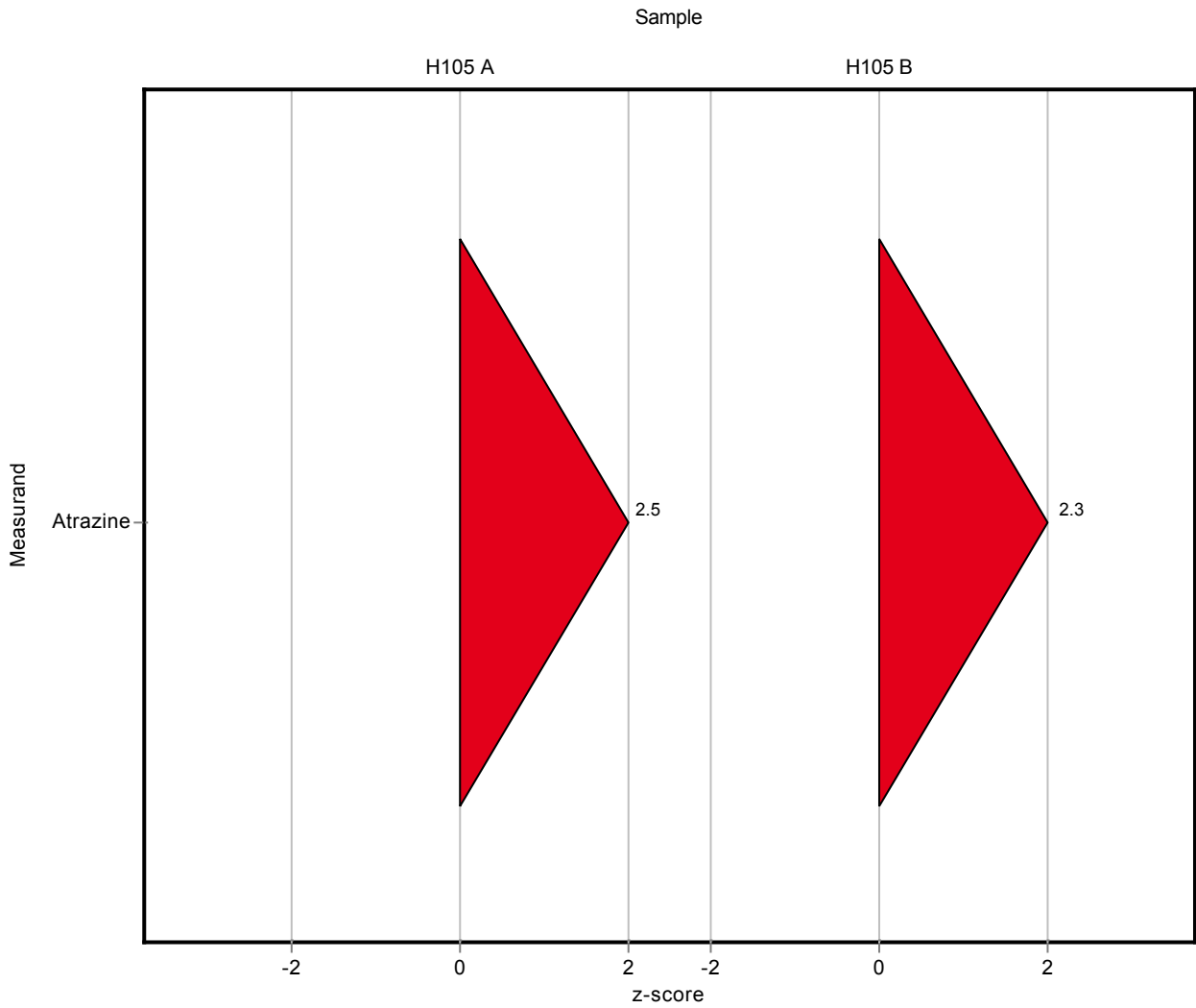
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.092 ± 0.014	0.00736	125	2.50
Atrazine-desethyl	µg/l	0.105 ± 0.00538	- ± -	0.0126	-	-
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.304 ± 0.047	0.0247	123
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	-
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-
Dinotefurane	µg/l	- ± -	- ± -	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-
Nitenpyram	µg/l	- ± -	- ± -	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-
Propazine	µg/l	- ± -	- ± -	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-



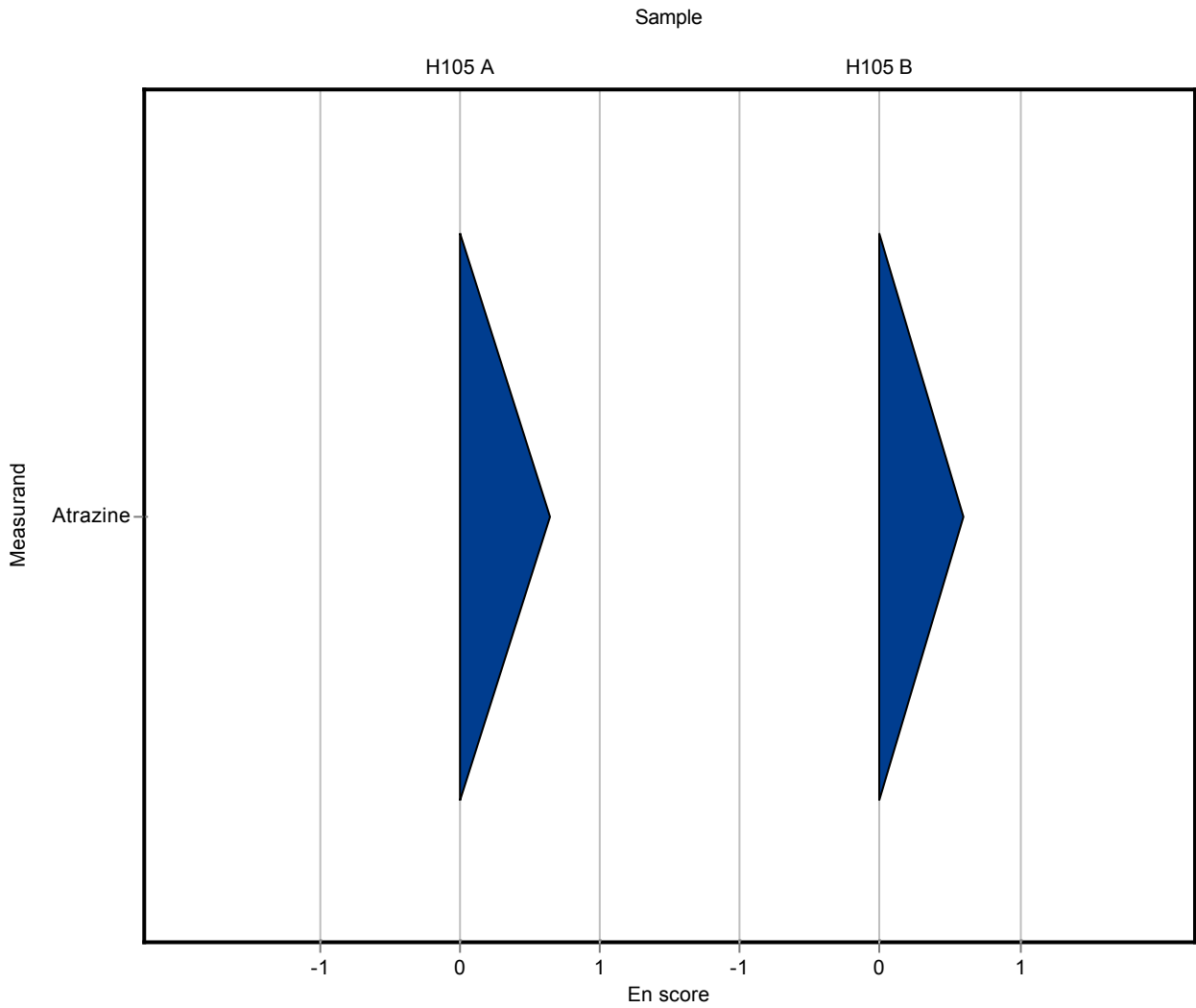
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.092 ± 0.014	0.00736	125	0.65
Atrazine-desethyl	µg/l	0.105 ± 0.00538	- ± -	0.0126	-	-
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	0.247 ± 0.0125	0.304 ± 0.047	0.0247	123 0.60
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	- -
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	- -
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	- -
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	- -
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	- -
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	- -
Dinotefurane	µg/l	- ± -	- ± -	-	- -
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	- -
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	- -
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	- -
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	- -
Nitenpyram	µg/l	- ± -	- ± -	-	- -
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	- -
Propazine	µg/l	- ± -	- ± -	-	- -
Sum Chlordane	µg/l	- ± -	- ± -	-	- -
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	- -
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	- -
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	- -
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	- -
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	- -
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	- -



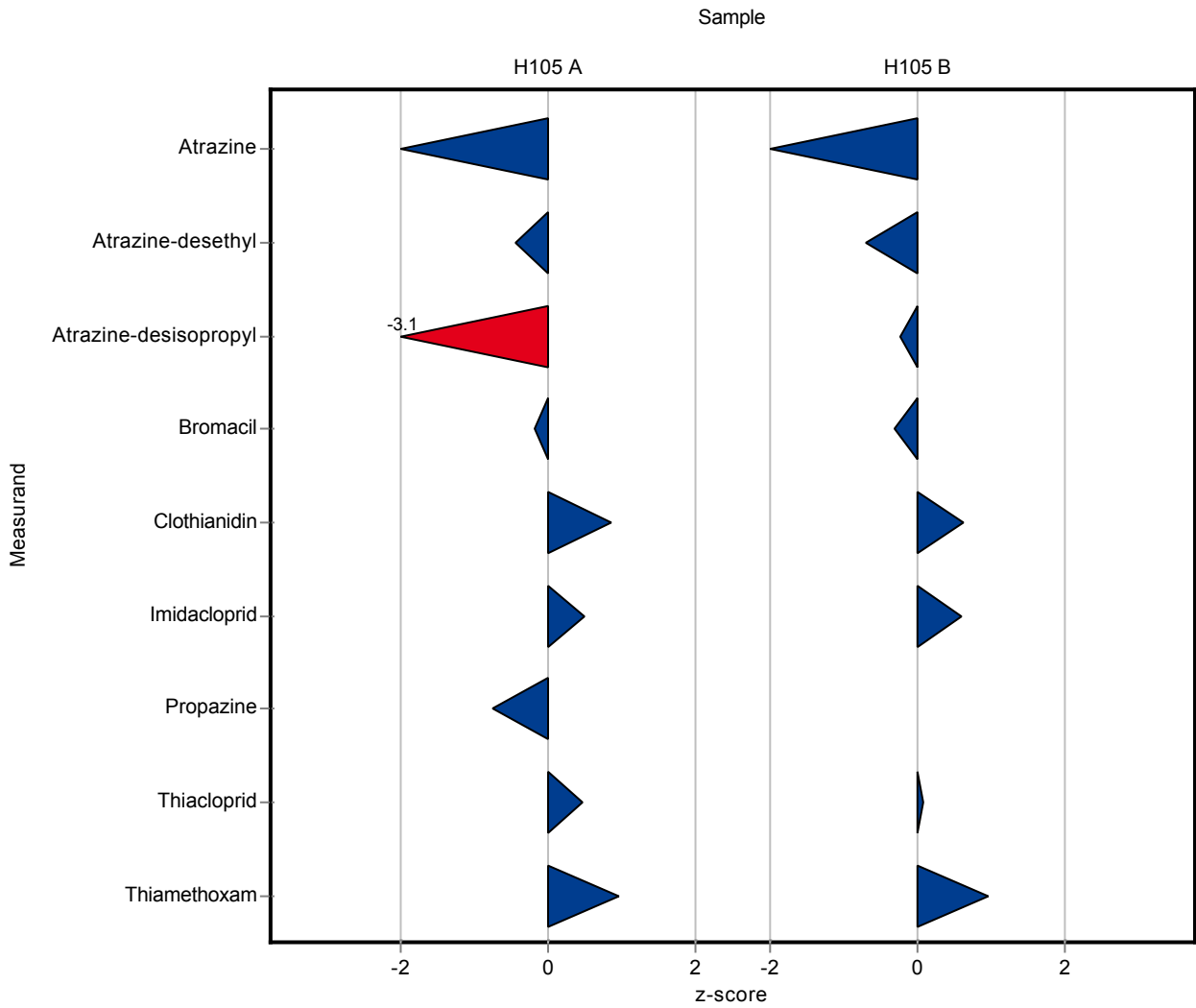
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.06 ± 0.03	0.00736	81.5	-1.85
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.1 ± 0.03	0.0126	94.9	-0.43
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.065 ± 0.03	0.0142	59.5	-3.12
Bromacil	µg/l	0.123 ± 0.00785	0.12 ± 0.03	0.016	97.7	-0.17
Clothianidin	µg/l	0.179 ± 0.012	0.2 ± 0.03	0.025	112	0.85
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	0.14 ± 0.03	0.0208	108	0.48
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	0.05 ± 0.03	0.00659	91.1	-0.74
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	0.14 ± 0.03	0.0184	107	0.48
Thiamethoxam	µg/l	0.131 ± 0.015	0.15 ± 0.03	0.0197	115	0.97

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.22 ± 0.03	0.0247	89.1	-1.09
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.55 ± 0.03	0.072	91.7	-0.69
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.23 ± 0.03	0.0308	97	-0.23
Bromacil	µg/l	0.239 ± 0.0173	0.23 ± 0.03	0.0311	96.1	-0.30
Clothianidin	µg/l	0.332 ± 0.0177	0.36 ± 0.03	0.0465	108	0.61
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	0.31 ± 0.03	0.0452	110	0.60
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	0.28 ± 0.03	0.0388	101	0.08
Thiamethoxam	µg/l	0.263 ± 0.0323	0.3 ± 0.03	0.0394	114	0.95



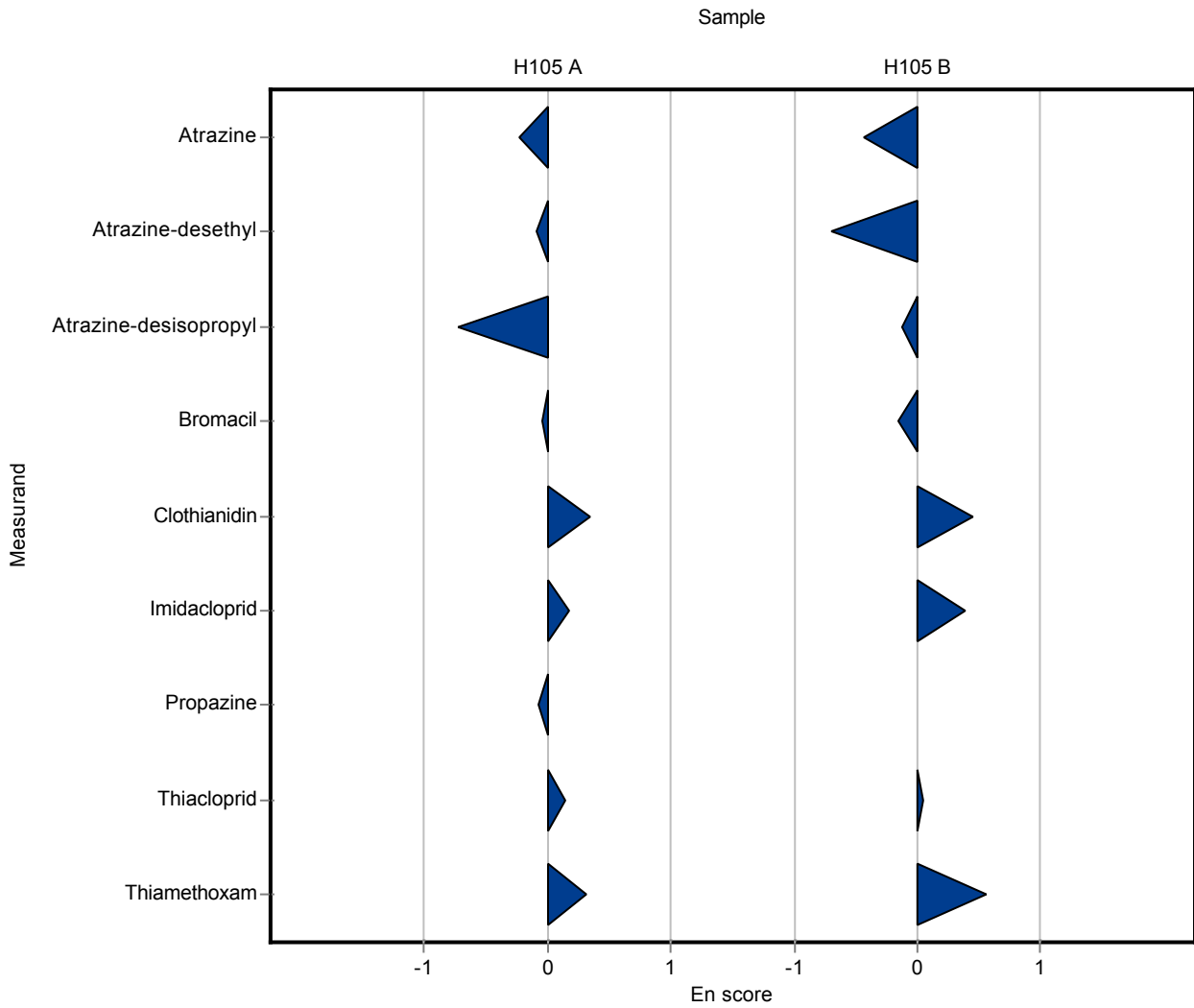
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.06 ± 0.03	0.00736	81.5	-0.23
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.1 ± 0.03	0.0126	94.9	-0.09
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.065 ± 0.03	0.0142	59.5	-0.73
Bromacil	µg/l	0.123 ± 0.00785	0.12 ± 0.03	0.016	97.7	-0.05
Clothianidin	µg/l	0.179 ± 0.012	0.2 ± 0.03	0.025	112	0.35
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	0.14 ± 0.03	0.0208	108	0.17
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	0.05 ± 0.03	0.00659	91.1	-0.08
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	0.14 ± 0.03	0.0184	107	0.14
Thiamethoxam	µg/l	0.131 ± 0.015	0.15 ± 0.03	0.0197	115	0.31

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	0.247 ± 0.0125	0.22 ± 0.03	0.0247	89.1	-0.44
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.55 ± 0.03	0.072	91.7	-0.70
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.23 ± 0.03	0.0308	97	-0.12
Bromacil	µg/l	0.239 ± 0.0173	0.23 ± 0.03	0.0311	96.1	-0.15
Clothianidin	µg/l	0.332 ± 0.0177	0.36 ± 0.03	0.0465	108	0.45
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	0.31 ± 0.03	0.0452	110	0.39
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	0.28 ± 0.03	0.0388	101	0.05
Thiamethoxam	µg/l	0.263 ± 0.0323	0.3 ± 0.03	0.0394	114	0.55



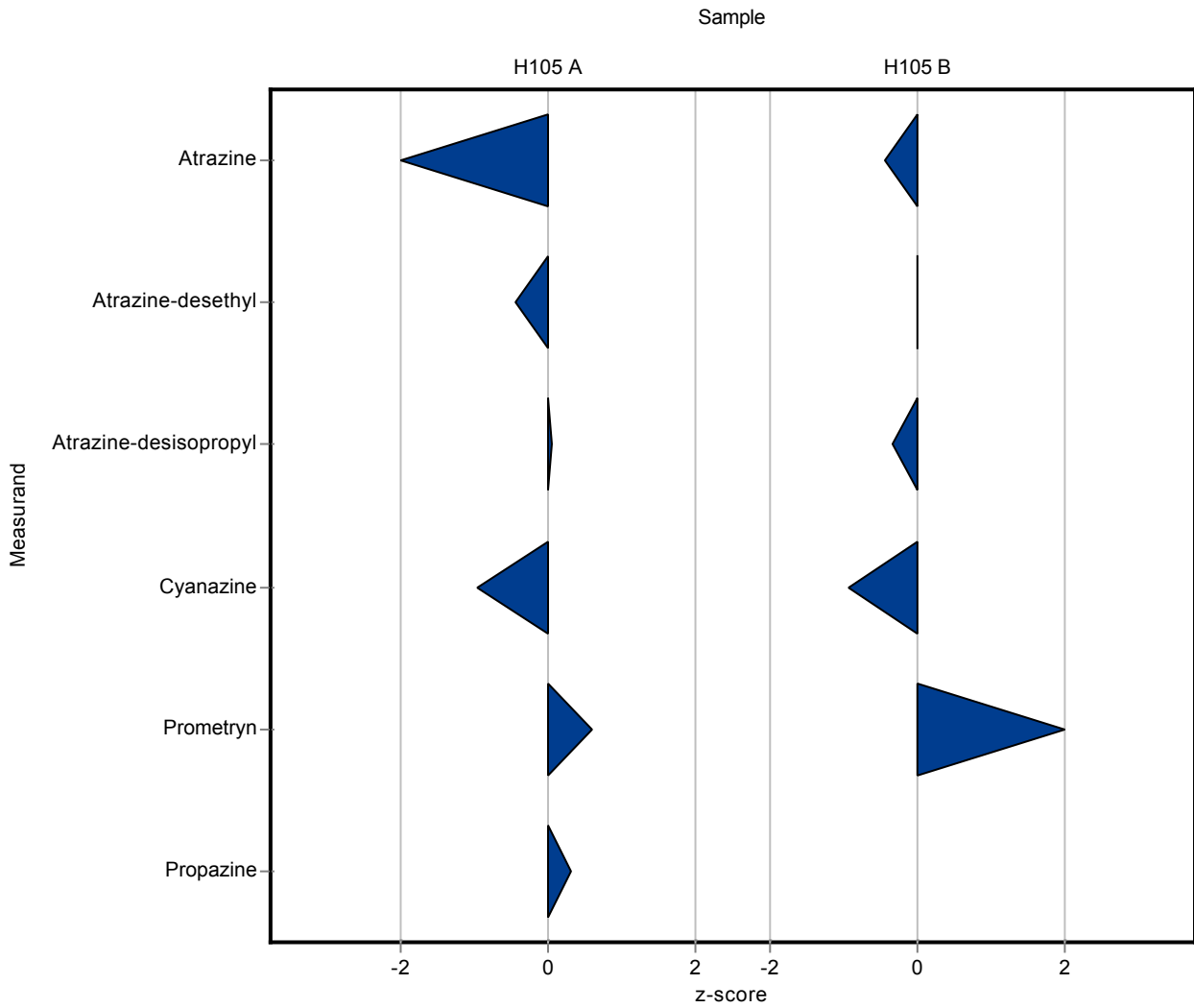
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.066 ± 0.009	0.00736	89.7	-1.03
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.1 ± 0.009	0.0126	94.9	-0.43
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.11 ± 0.008	0.0142	101	0.05
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	0.2 ± 0.008	0.0297	87.5	-0.96
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.201 ± 0.007	0.0225	107	0.59
Propazine	µg/l	0.0549 ± 0.00397	0.057 ± 0.006	0.00659	104	0.32
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.236 ± 0.009	0.0247	95.6	-0.44
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.599 ± 0.01	0.072	99.9	-0.01
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.227 ± 0.008	0.0308	95.7	-0.33
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	0.377 ± 0.009	0.0557	87.9	-0.93
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.501 ± 0.008	0.0519	116	1.32
Propazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



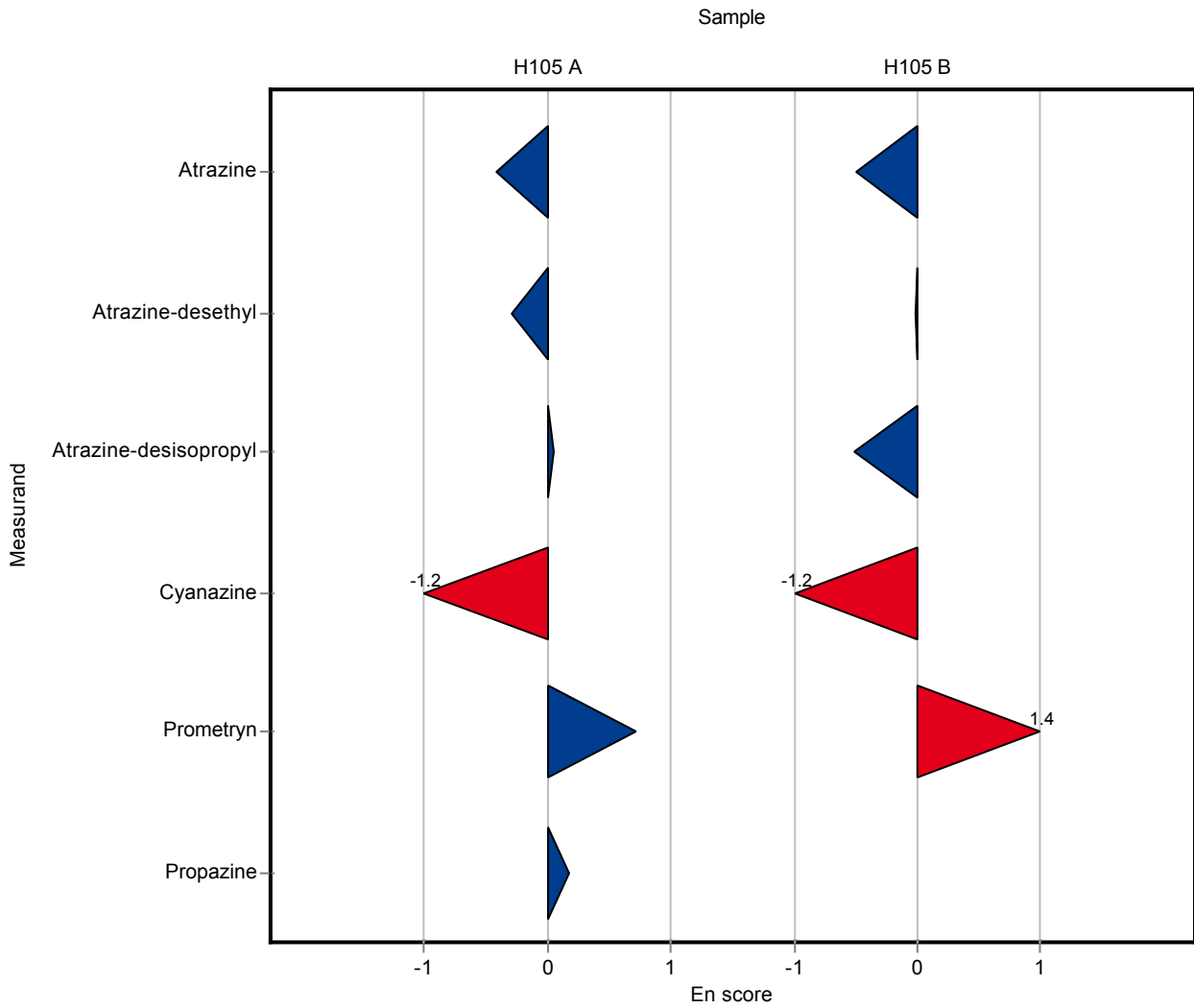
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.066 ± 0.009	0.00736	89.7	-0.41
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.1 ± 0.009	0.0126	94.9	-0.29
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.11 ± 0.008	0.0142	101	0.04
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	0.2 ± 0.008	0.0297	87.5	-1.20
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.201 ± 0.007	0.0225	107	0.72
Propazine	µg/l	0.0549 ± 0.00397	0.057 ± 0.006	0.00659	104	0.17
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]
Atrazine	µg/l	0.247 ± 0.0125	0.236 ± 0.009	0.0247	95.6 -0.49
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.599 ± 0.01	0.072	99.9 -0.02
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.227 ± 0.008	0.0308	95.7 -0.52
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	- -
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	- -
Cyanazine	µg/l	0.429 ± 0.0374	0.377 ± 0.009	0.0557	87.9 -1.25
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	- -
Dinotefurane	µg/l	- ± -	- ± -	-	- -
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	- -
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	- -
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	- -
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	- -
Nitenpyram	µg/l	- ± -	- ± -	-	- -
Prometryn	µg/l	0.432 ± 0.046	0.501 ± 0.008	0.0519	116 1.41
Propazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	- -
Sum Chlordane	µg/l	- ± -	- ± -	-	- -
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	- -
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	- -
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	- -
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	- -
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	- -
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	- -



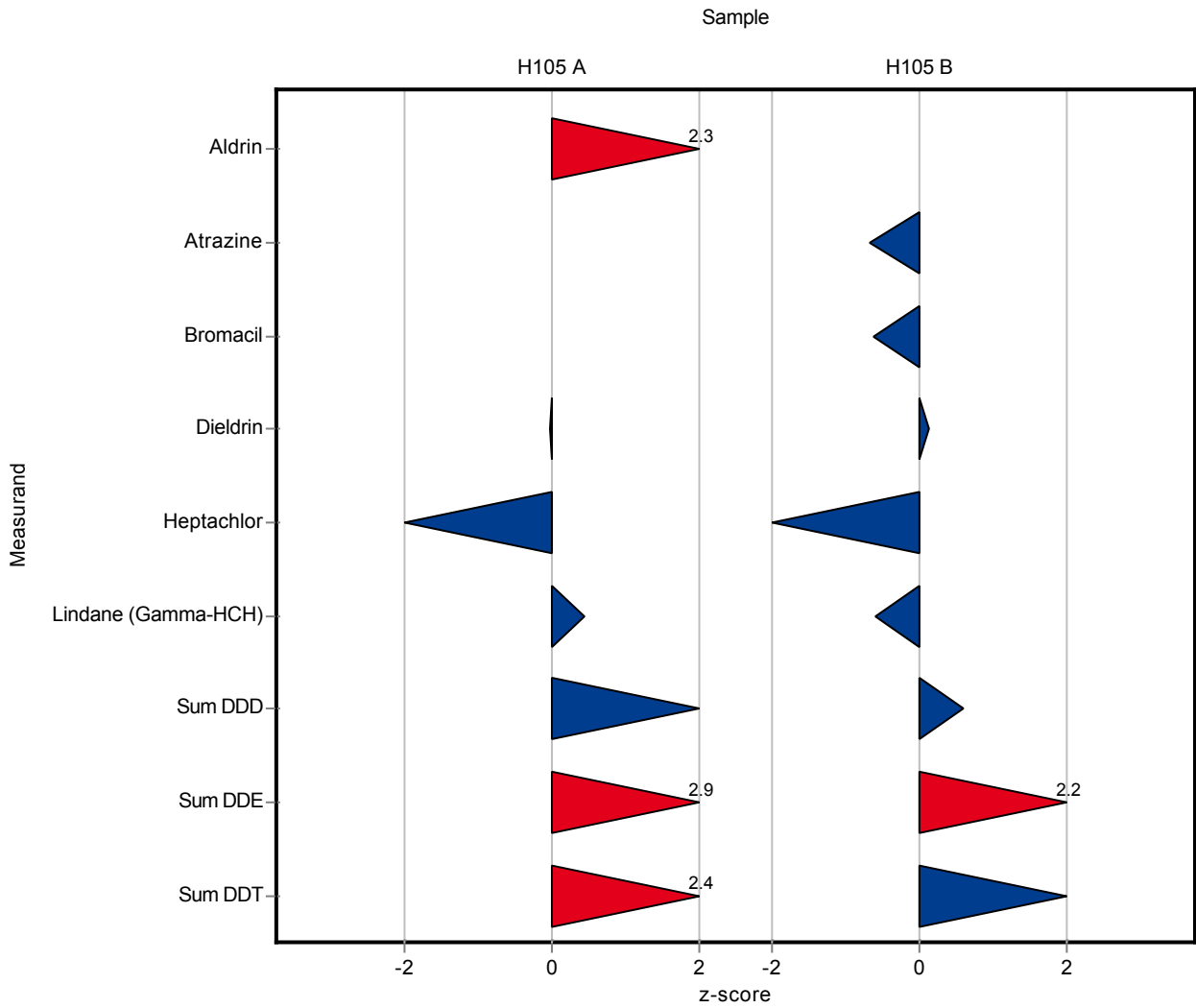
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.13 ± 0.04	0.028	200	2.32
Atrazine	µg/l	0.0736 ± 0.00446	<0.1 (LOQ) ± -	0.00736	-	-
Atrazine-desethyl	µg/l	0.105 ± 0.00538	- ± -	0.0126	-	-
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	<0.2 (LOQ) ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	0.27 ± 0.08	0.05	99.3	-0.04
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.05 ± 0.015	0.0367	49.5	-1.39
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.31 ± 0.09	0.0596	109	0.44
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	<0.05 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.43 ± 0.13	0.0934	147	1.48
Sum DDE	µg/l	0.245 ± 0.071	0.52 ± 0.16	0.0939	212	2.93
Sum DDT	µg/l	0.12 ± 0.0312	0.22 ± 0.07	0.0418	184	2.40
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	0.02 ± 0.006	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.23 ± 0.07	0.0247	93.2	-0.68
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	-	-
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-	-
Bromacil	µg/l	0.239 ± 0.0173	0.22 ± 0.07	0.0311	91.9	-0.62
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	0.65 ± 0.2	0.19	104	0.12
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	0.09 ± 0.03	0.0751	43.4	-1.56
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.5 ± 0.15	0.12	87.5	-0.60
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	<0.05 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.67 ± 0.2	0.241	127	0.60
Sum DDE	µg/l	0.412 ± 0.131	0.79 ± 0.24	0.174	192	2.18
Sum DDT	µg/l	0.367 ± 0.109	0.64 ± 0.2	0.144	174	1.90
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



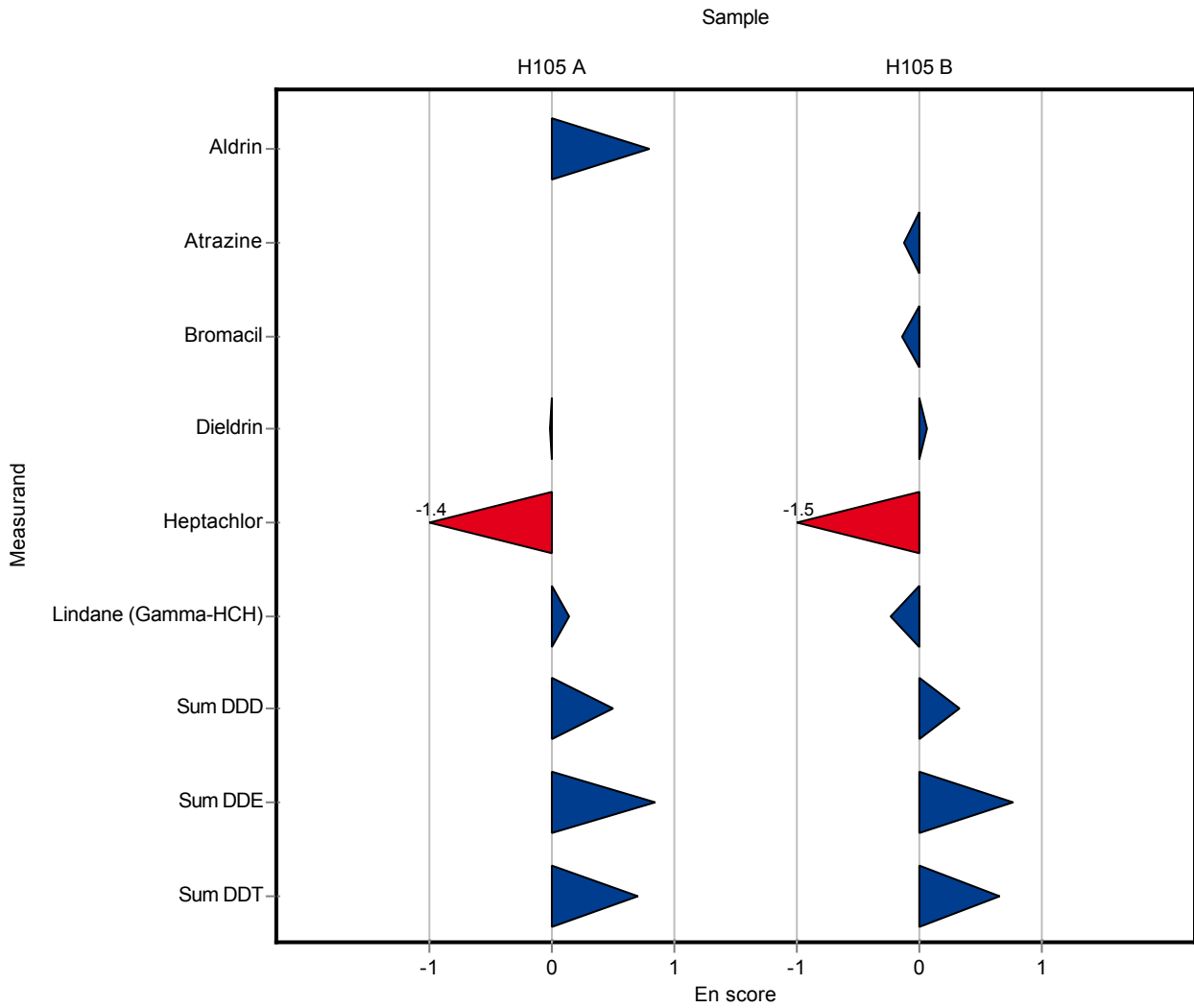
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.13 ± 0.04	0.028	200	0.79
Atrazine	µg/l	0.0736 ± 0.00446	<0.1 (LOQ) ± -	0.00736	-	-
Atrazine-desethyl	µg/l	0.105 ± 0.00538	- ± -	0.0126	-	-
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	<0.2 (LOQ) ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	0.27 ± 0.08	0.05	99.3	-0.01
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.05 ± 0.015	0.0367	49.5	-1.39
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.31 ± 0.09	0.0596	109	0.14
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	<0.05 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.43 ± 0.13	0.0934	147	0.51
Sum DDE	µg/l	0.245 ± 0.071	0.52 ± 0.16	0.0939	212	0.84
Sum DDT	µg/l	0.12 ± 0.0312	0.22 ± 0.07	0.0418	184	0.70
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	0.02 ± 0.006	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	0.247 ± 0.0125	0.23 ± 0.07	0.0247	93.2 -0.12
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	- -
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	- -
Bromacil	µg/l	0.239 ± 0.0173	0.22 ± 0.07	0.0311	91.9 -0.14
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	- -
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	- -
Dieldrin	µg/l	0.626 ± 0.105	0.65 ± 0.2	0.19	104 0.06
Dinotefurane	µg/l	- ± -	- ± -	-	- -
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	- -
Heptachlor	µg/l	0.207 ± 0.0501	0.09 ± 0.03	0.0751	43.4 -1.50
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	- -
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.5 ± 0.15	0.12	87.5 -0.24
Nitenpyram	µg/l	- ± -	- ± -	-	- -
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	- -
Propazine	µg/l	- ± -	- ± -	-	- -
Sum Chlordane	µg/l	- ± -	<0.05 (LOQ) ± -	-	- -
Sum DDD	µg/l	0.526 ± 0.171	0.67 ± 0.2	0.241	127 0.33
Sum DDE	µg/l	0.412 ± 0.131	0.79 ± 0.24	0.174	192 0.76
Sum DDT	µg/l	0.367 ± 0.109	0.64 ± 0.2	0.144	174 0.66
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	- -
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	- -
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	- -



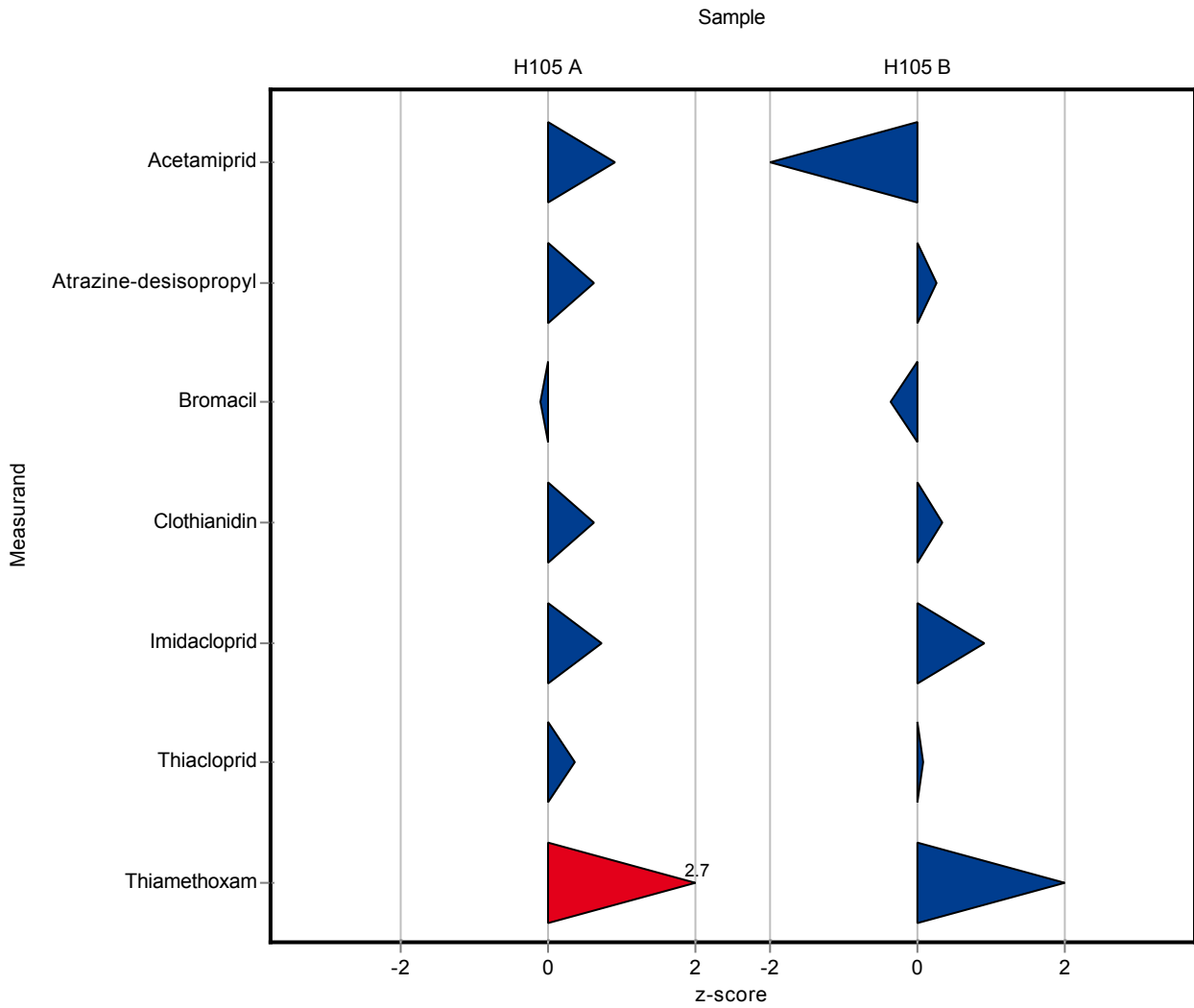
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.207 ± 0.034	0.017	108	0.91
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	- ± -	0.00736	-	-
Atrazine-desethyl	µg/l	0.105 ± 0.00538	- ± -	0.0126	-	-
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.118 ± 0.026	0.0142	108	0.61
Bromacil	µg/l	0.123 ± 0.00785	0.121 ± 0.027	0.016	98.6	-0.11
Clothianidin	µg/l	0.179 ± 0.012	0.194 ± 0.043	0.025	109	0.61
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	0.145 ± 0.022	0.0208	112	0.73
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	0.138 ± 0.023	0.0184	105	0.37
Thiamethoxam	µg/l	0.131 ± 0.015	0.185 ± 0.041	0.0197	141	2.75

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.506 ± 0.083	0.0279	94.4	-1.07
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	- ± -	0.0247	-	-
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	-	-
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.245 ± 0.054	0.0308	103	0.25
Bromacil	µg/l	0.239 ± 0.0173	0.228 ± 0.05	0.0311	95.3	-0.36
Clothianidin	µg/l	0.332 ± 0.0177	0.347 ± 0.076	0.0465	105	0.33
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	0.324 ± 0.049	0.0452	115	0.91
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	0.28 ± 0.048	0.0388	101	0.08
Thiamethoxam	µg/l	0.263 ± 0.0323	0.316 ± 0.07	0.0394	120	1.36



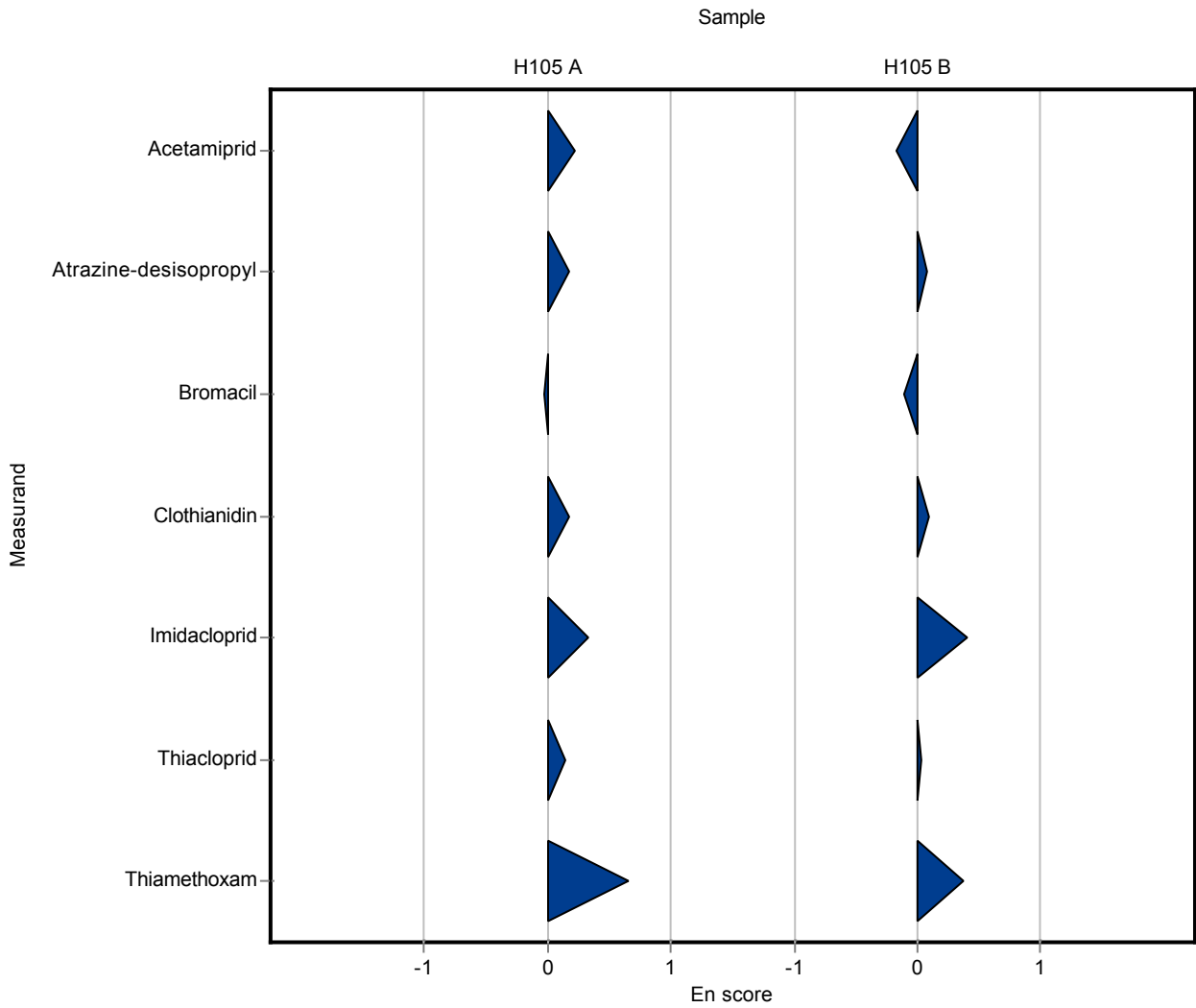
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.207 ± 0.034	0.017	108	0.23
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	- ± -	0.00736	-	-
Atrazine-desethyl	µg/l	0.105 ± 0.00538	- ± -	0.0126	-	-
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.118 ± 0.026	0.0142	108	0.17
Bromacil	µg/l	0.123 ± 0.00785	0.121 ± 0.027	0.016	98.6	-0.03
Clothianidin	µg/l	0.179 ± 0.012	0.194 ± 0.043	0.025	109	0.18
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	0.145 ± 0.022	0.0208	112	0.34
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	0.138 ± 0.023	0.0184	105	0.15
Thiamethoxam	µg/l	0.131 ± 0.015	0.185 ± 0.041	0.0197	141	0.65

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.506 ± 0.083	0.0279	94.4	-0.18
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	0.247 ± 0.0125	- ± -	0.0247	-	-
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	-	-
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.245 ± 0.054	0.0308	103	0.07
Bromacil	µg/l	0.239 ± 0.0173	0.228 ± 0.05	0.0311	95.3	-0.11
Clothianidin	µg/l	0.332 ± 0.0177	0.347 ± 0.076	0.0465	105	0.10
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	0.324 ± 0.049	0.0452	115	0.40
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	0.28 ± 0.048	0.0388	101	0.03
Thiamethoxam	µg/l	0.263 ± 0.0323	0.316 ± 0.07	0.0394	120	0.37



Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	- ± -	0.00736	-	-
Atrazine-desethyl	µg/l	0.105 ± 0.00538	- ± -	0.0126	-	-
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	- ± -	0.0247	-
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	-
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-
Dinotefurane	µg/l	- ± -	- ± -	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-
Nitenpyram	µg/l	- ± -	- ± -	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-
Propazine	µg/l	- ± -	- ± -	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-

Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	- ± -	0.00736	-	-
Atrazine-desethyl	µg/l	0.105 ± 0.00538	- ± -	0.0126	-	-
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	0.247 ± 0.0125	- ± -	0.0247	-
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	-
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-
Dinotefurane	µg/l	- ± -	- ± -	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-
Nitenpyram	µg/l	- ± -	- ± -	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-
Propazine	µg/l	- ± -	- ± -	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-

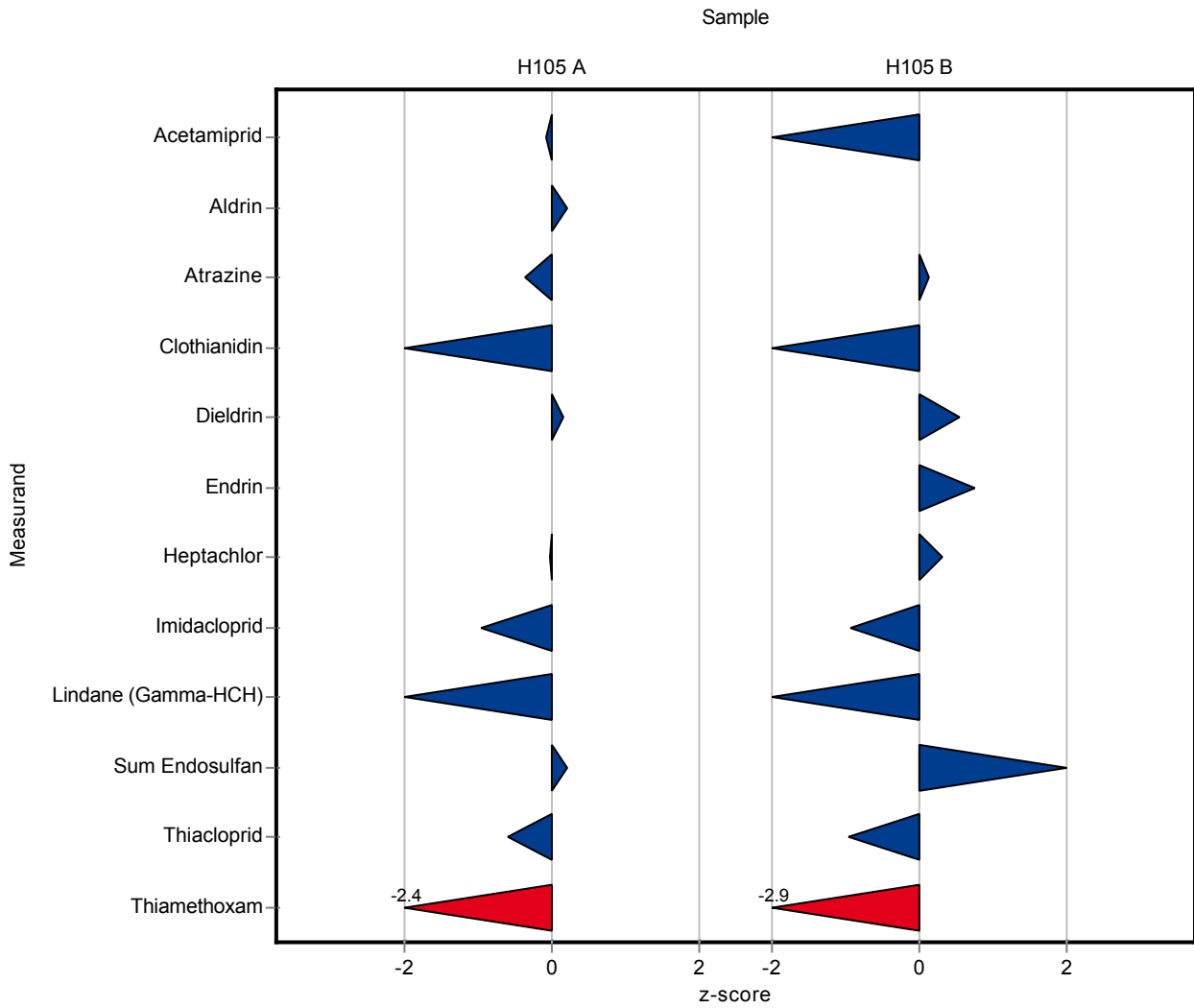
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.19 ± 0.05	0.017	99.2	-0.09
Aldrin	µg/l	0.0651 ± 0.0176	0.071 ± 0.018	0.028	109	0.21
Atrazine	µg/l	0.0736 ± 0.00446	0.071 ± 0.018	0.00736	96.4	-0.35
Atrazine-desethyl	µg/l	0.105 ± 0.00538	- ± -	0.0126	-	-
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	0.15 ± 0.04	0.025	83.9	-1.15
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	0.28 ± 0.07	0.05	103	0.17
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	<0.0012 ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.1 ± 0.025	0.0367	99	-0.03
Imidacloprid	µg/l	0.13 ± 0.00945	0.11 ± 0.03	0.0208	84.7	-0.96
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.21 ± 0.05	0.0596	74	-1.24
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.3 ± 0.075	0.111	109	0.21
Thiacloprid	µg/l	0.131 ± 0.00767	0.12 ± 0.03	0.0184	91.5	-0.61
Thiamethoxam	µg/l	0.131 ± 0.015	0.084 ± 0.02	0.0197	64.1	-2.39

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.5 ± 0.125	0.0279	93.3	-1.29
Aldrin	µg/l	- ± -	<0.012 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.25 ± 0.06	0.0247	101	0.13
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	-	-
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	0.26 ± 0.065	0.0465	78.4	-1.55
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	0.73 ± 0.18	0.19	117	0.55
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.38 ± 0.095	0.0602	114	0.76
Heptachlor	µg/l	0.207 ± 0.0501	0.23 ± 0.06	0.0751	111	0.30
Imidacloprid	µg/l	0.283 ± 0.0351	0.24 ± 0.06	0.0452	84.9	-0.94
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.44 ± 0.11	0.12	77	-1.10
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	0.77 ± 0.19	0.217	142	1.04
Thiacloprid	µg/l	0.277 ± 0.0183	0.24 ± 0.06	0.0388	86.6	-0.95
Thiamethoxam	µg/l	0.263 ± 0.0323	0.15 ± 0.04	0.0394	57.1	-2.86



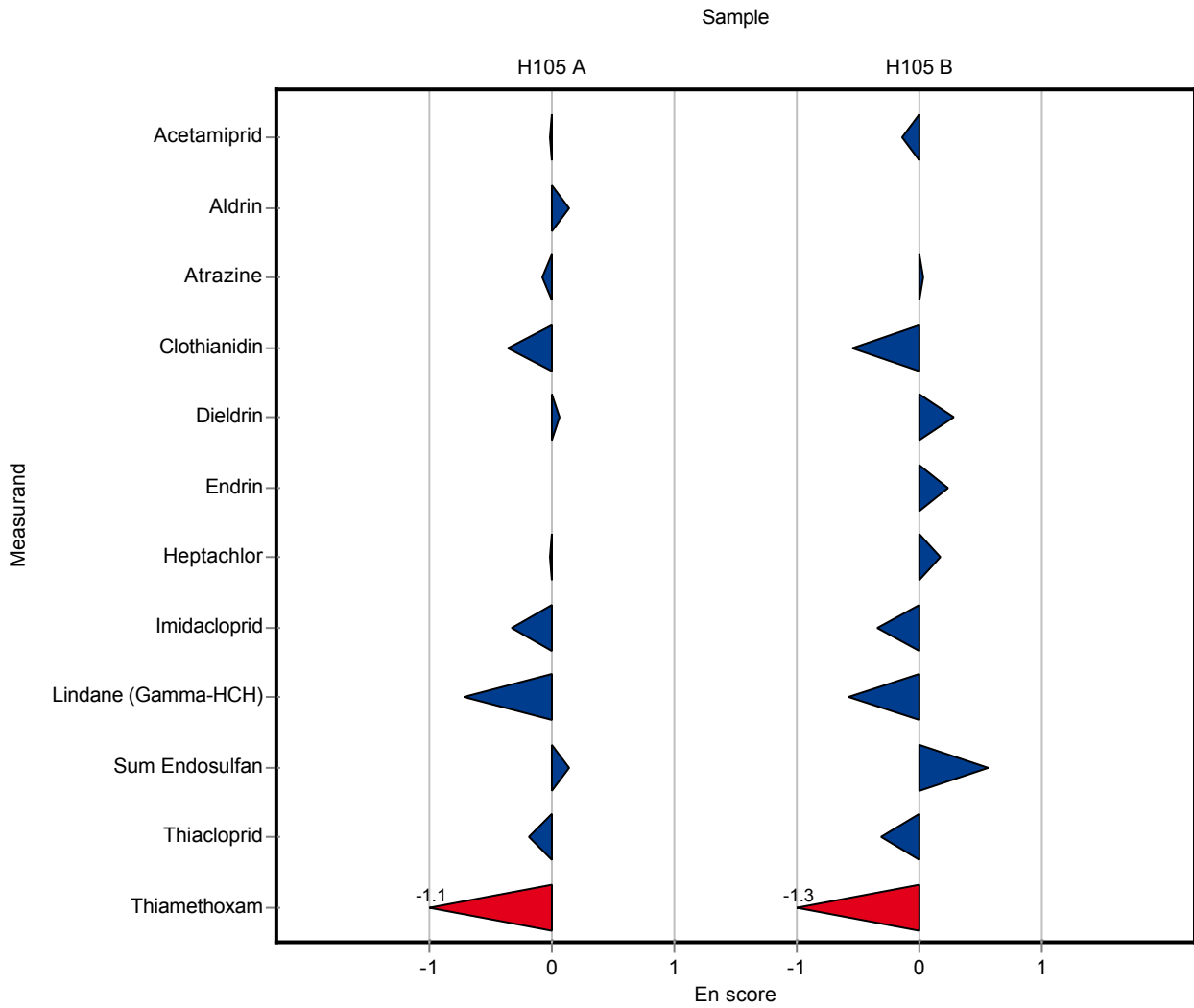
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.19 ± 0.05	0.017	99.2	-0.01
Aldrin	µg/l	0.0651 ± 0.0176	0.071 ± 0.018	0.028	109	0.15
Atrazine	µg/l	0.0736 ± 0.00446	0.071 ± 0.018	0.00736	96.4	-0.07
Atrazine-desethyl	µg/l	0.105 ± 0.00538	- ± -	0.0126	-	-
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	0.15 ± 0.04	0.025	83.9	-0.35
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	0.28 ± 0.07	0.05	103	0.06
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	<0.0012 ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.1 ± 0.025	0.0367	99	-0.02
Imidacloprid	µg/l	0.13 ± 0.00945	0.11 ± 0.03	0.0208	84.7	-0.33
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.21 ± 0.05	0.0596	74	-0.72
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.3 ± 0.075	0.111	109	0.14
Thiacloprid	µg/l	0.131 ± 0.00767	0.12 ± 0.03	0.0184	91.5	-0.18
Thiamethoxam	µg/l	0.131 ± 0.015	0.084 ± 0.02	0.0197	64.1	-1.10

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.5 ± 0.125	0.0279	93.3	-0.14
Aldrin	µg/l	- ± -	<0.012 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	0.247 ± 0.0125	0.25 ± 0.06	0.0247	101	0.03
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	-	-
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	0.26 ± 0.065	0.0465	78.4	-0.55
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	0.73 ± 0.18	0.19	117	0.28
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.38 ± 0.095	0.0602	114	0.24
Heptachlor	µg/l	0.207 ± 0.0501	0.23 ± 0.06	0.0751	111	0.17
Imidacloprid	µg/l	0.283 ± 0.0351	0.24 ± 0.06	0.0452	84.9	-0.34
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.44 ± 0.11	0.12	77	-0.58
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	0.77 ± 0.19	0.217	142	0.56
Thiacloprid	µg/l	0.277 ± 0.0183	0.24 ± 0.06	0.0388	86.6	-0.30
Thiamethoxam	µg/l	0.263 ± 0.0323	0.15 ± 0.04	0.0394	57.1	-1.30



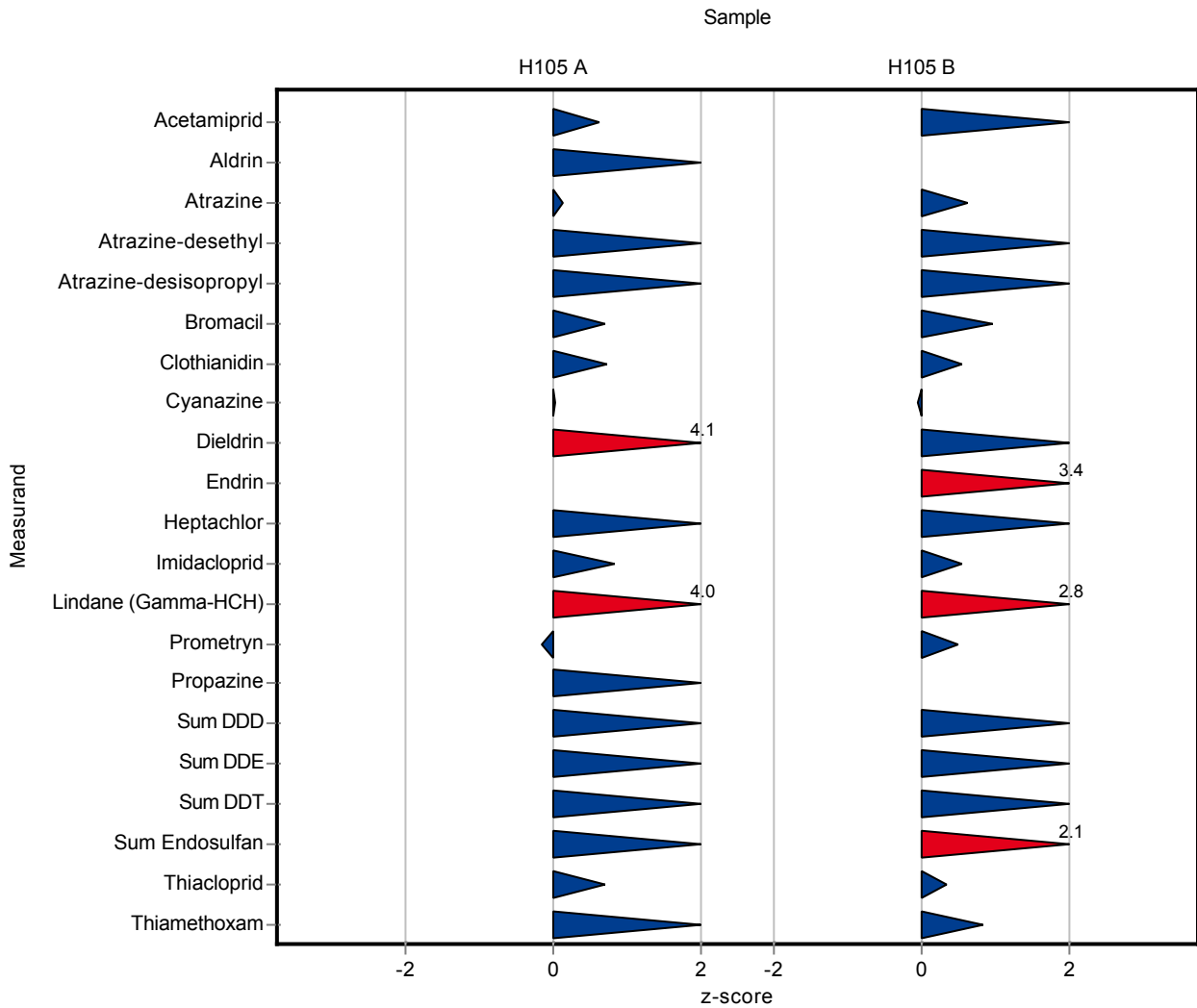
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.202 ± 0.06	0.017	106	0.62
Aldrin	µg/l	0.0651 ± 0.0176	0.118 ± 0.04	0.028	181	1.89
Atrazine	µg/l	0.0736 ± 0.00446	0.0746 ± 0.02	0.00736	101	0.13
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.122 ± 0.04	0.0126	116	1.31
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.136 ± 0.04	0.0142	124	1.88
Bromacil	µg/l	0.123 ± 0.00785	0.134 ± 0.04	0.016	109	0.70
Clothianidin	µg/l	0.179 ± 0.012	0.197 ± 0.06	0.025	110	0.73
Cyanazine	µg/l	0.229 ± 0.0176	0.229 ± 0.07	0.0297	100	0.02
Dieldrin	µg/l	0.272 ± 0.0277	0.478 ± 0.14	0.05	176	4.12
Dinotefurane	µg/l	- ± -	0.169 ± 0.05	-	-	-
Endrin	µg/l	- ± -	<0.005 (LOQ) ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.163 ± 0.05	0.0367	161	1.69
Imidacloprid	µg/l	0.13 ± 0.00945	0.147 ± 0.04	0.0208	113	0.82
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.521 ± 0.16	0.0596	184	3.98
Nitenpyram	µg/l	- ± -	0.158 ± 0.05	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.184 ± 0.06	0.0225	98	-0.17
Propazine	µg/l	0.0549 ± 0.00397	0.0642 ± 0.02	0.00659	117	1.41
Sum Chlordane	µg/l	- ± -	0.00184 ± 0.0006	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.471 ± 0.14	0.0934	161	1.92
Sum DDE	µg/l	0.245 ± 0.071	0.378 ± 0.11	0.0939	154	1.42
Sum DDT	µg/l	0.12 ± 0.0312	0.176 ± 0.05	0.0418	147	1.35
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.492 ± 0.15	0.111	178	1.95
Thiacloprid	µg/l	0.131 ± 0.00767	0.144 ± 0.04	0.0184	110	0.70
Thiamethoxam	µg/l	0.131 ± 0.015	0.152 ± 0.05	0.0197	116	1.07

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.579 ± 0.17	0.0279	108	1.55
Aldrin	µg/l	- ± -	<0.005 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.262 ± 0.08	0.0247	106	0.61
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.689 ± 0.21	0.072	115	1.24
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.281 ± 0.08	0.0308	118	1.42
Bromacil	µg/l	0.239 ± 0.0173	0.269 ± 0.08	0.0311	112	0.95
Clothianidin	µg/l	0.332 ± 0.0177	0.357 ± 0.11	0.0465	108	0.54
Cyanazine	µg/l	0.429 ± 0.0374	0.426 ± 0.13	0.0557	99.3	-0.05
Dieldrin	µg/l	0.626 ± 0.105	0.913 ± 0.27	0.19	146	1.51
Dinotefurane	µg/l	- ± -	0.329 ± 0.1	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.537 ± 0.16	0.0602	161	3.37
Heptachlor	µg/l	0.207 ± 0.0501	0.314 ± 0.09	0.0751	151	1.42
Imidacloprid	µg/l	0.283 ± 0.0351	0.308 ± 0.09	0.0452	109	0.56
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.91 ± 0.27	0.12	159	2.82
Nitenpyram	µg/l	- ± -	0.362 ± 0.11	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.458 ± 0.14	0.0519	106	0.49
Propazine	µg/l	- ± -	0.00307 ± 0.001	-	-	-
Sum Chlordane	µg/l	- ± -	0.00342 ± 0.001	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.949 ± 0.28	0.241	180	1.75
Sum DDE	µg/l	0.412 ± 0.131	0.719 ± 0.22	0.174	175	1.77
Sum DDT	µg/l	0.367 ± 0.109	0.612 ± 0.18	0.144	167	1.70
Sum Endosulfan	µg/l	0.543 ± 0.144	0.999 ± 0.3	0.217	184	2.10
Thiacloprid	µg/l	0.277 ± 0.0183	0.29 ± 0.09	0.0388	105	0.34
Thiamethoxam	µg/l	0.263 ± 0.0323	0.295 ± 0.09	0.0394	112	0.82



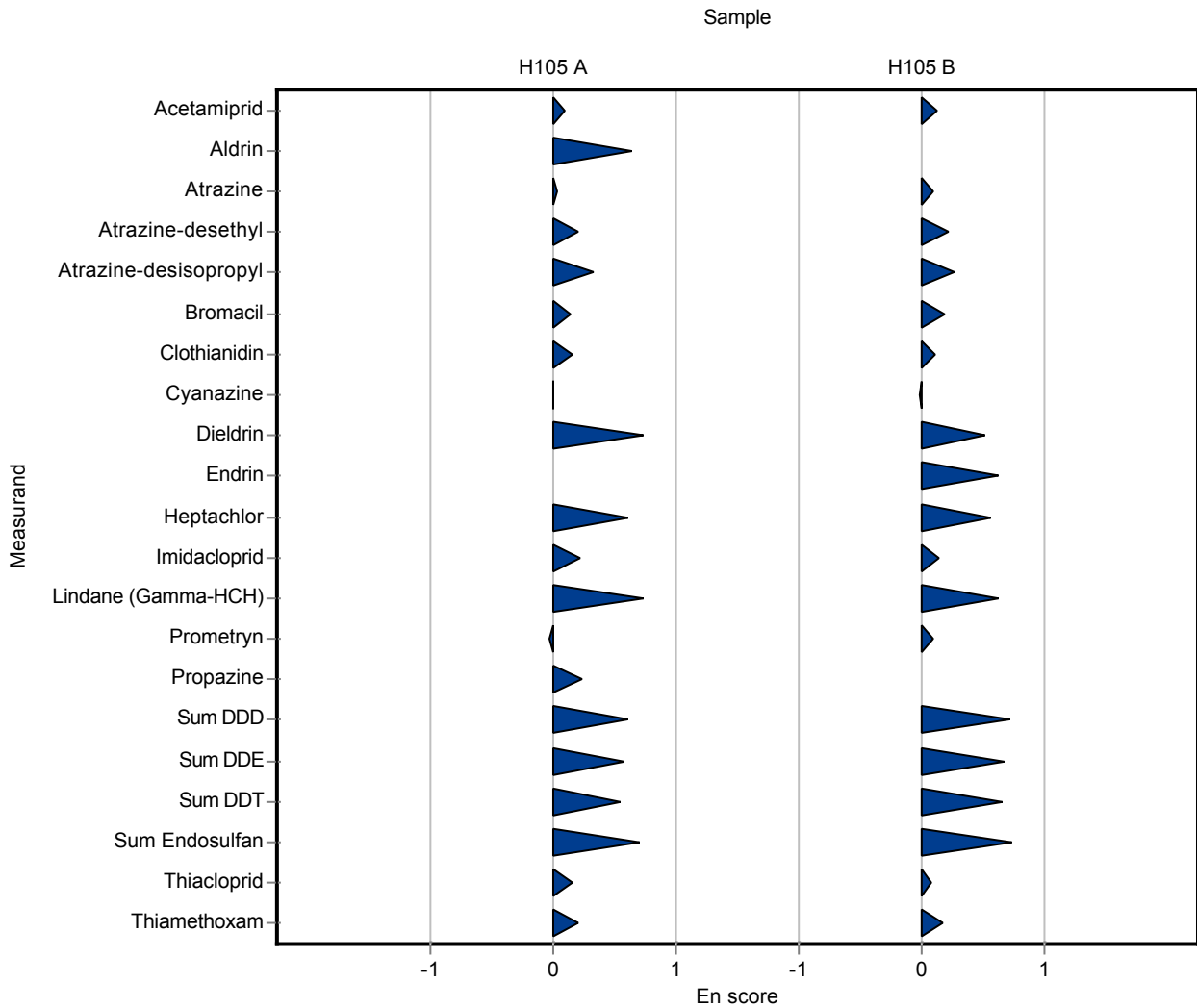
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.202 ± 0.06	0.017	106	0.09
Aldrin	µg/l	0.0651 ± 0.0176	0.118 ± 0.04	0.028	181	0.65
Atrazine	µg/l	0.0736 ± 0.00446	0.0746 ± 0.02	0.00736	101	0.02
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.122 ± 0.04	0.0126	116	0.21
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.136 ± 0.04	0.0142	124	0.33
Bromacil	µg/l	0.123 ± 0.00785	0.134 ± 0.04	0.016	109	0.14
Clothianidin	µg/l	0.179 ± 0.012	0.197 ± 0.06	0.025	110	0.15
Cyanazine	µg/l	0.229 ± 0.0176	0.229 ± 0.07	0.0297	100	0.00
Dieldrin	µg/l	0.272 ± 0.0277	0.478 ± 0.14	0.05	176	0.73
Dinotefurane	µg/l	- ± -	0.169 ± 0.05	-	-	-
Endrin	µg/l	- ± -	<0.005 (LOQ) ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.163 ± 0.05	0.0367	161	0.61
Imidacloprid	µg/l	0.13 ± 0.00945	0.147 ± 0.04	0.0208	113	0.21
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.521 ± 0.16	0.0596	184	0.74
Nitenpyram	µg/l	- ± -	0.158 ± 0.05	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.184 ± 0.06	0.0225	98	-0.03
Propazine	µg/l	0.0549 ± 0.00397	0.0642 ± 0.02	0.00659	117	0.23
Sum Chlordane	µg/l	- ± -	0.00184 ± 0.0006	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.471 ± 0.14	0.0934	161	0.61
Sum DDE	µg/l	0.245 ± 0.071	0.378 ± 0.11	0.0939	154	0.58
Sum DDT	µg/l	0.12 ± 0.0312	0.176 ± 0.05	0.0418	147	0.54
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.492 ± 0.15	0.111	178	0.70
Thiacloprid	µg/l	0.131 ± 0.00767	0.144 ± 0.04	0.0184	110	0.16
Thiamethoxam	µg/l	0.131 ± 0.015	0.152 ± 0.05	0.0197	116	0.21

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.579 ± 0.17	0.0279	108	0.13
Aldrin	µg/l	- ± -	<0.005 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	0.247 ± 0.0125	0.262 ± 0.08	0.0247	106	0.09
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.689 ± 0.21	0.072	115	0.21
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.281 ± 0.08	0.0308	118	0.27
Bromacil	µg/l	0.239 ± 0.0173	0.269 ± 0.08	0.0311	112	0.18
Clothianidin	µg/l	0.332 ± 0.0177	0.357 ± 0.11	0.0465	108	0.11
Cyanazine	µg/l	0.429 ± 0.0374	0.426 ± 0.13	0.0557	99.3	-0.01
Dieldrin	µg/l	0.626 ± 0.105	0.913 ± 0.27	0.19	146	0.52
Dinotefurane	µg/l	- ± -	0.329 ± 0.1	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.537 ± 0.16	0.0602	161	0.63
Heptachlor	µg/l	0.207 ± 0.0501	0.314 ± 0.09	0.0751	151	0.57
Imidacloprid	µg/l	0.283 ± 0.0351	0.308 ± 0.09	0.0452	109	0.14
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.91 ± 0.27	0.12	159	0.62
Nitenpyram	µg/l	- ± -	0.362 ± 0.11	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.458 ± 0.14	0.0519	106	0.09
Propazine	µg/l	- ± -	0.00307 ± 0.001	-	-	-
Sum Chlordane	µg/l	- ± -	0.00342 ± 0.001	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.949 ± 0.28	0.241	180	0.72
Sum DDE	µg/l	0.412 ± 0.131	0.719 ± 0.22	0.174	175	0.67
Sum DDT	µg/l	0.367 ± 0.109	0.612 ± 0.18	0.144	167	0.65
Sum Endosulfan	µg/l	0.543 ± 0.144	0.999 ± 0.3	0.217	184	0.74
Thiacloprid	µg/l	0.277 ± 0.0183	0.29 ± 0.09	0.0388	105	0.07
Thiamethoxam	µg/l	0.263 ± 0.0323	0.295 ± 0.09	0.0394	112	0.18



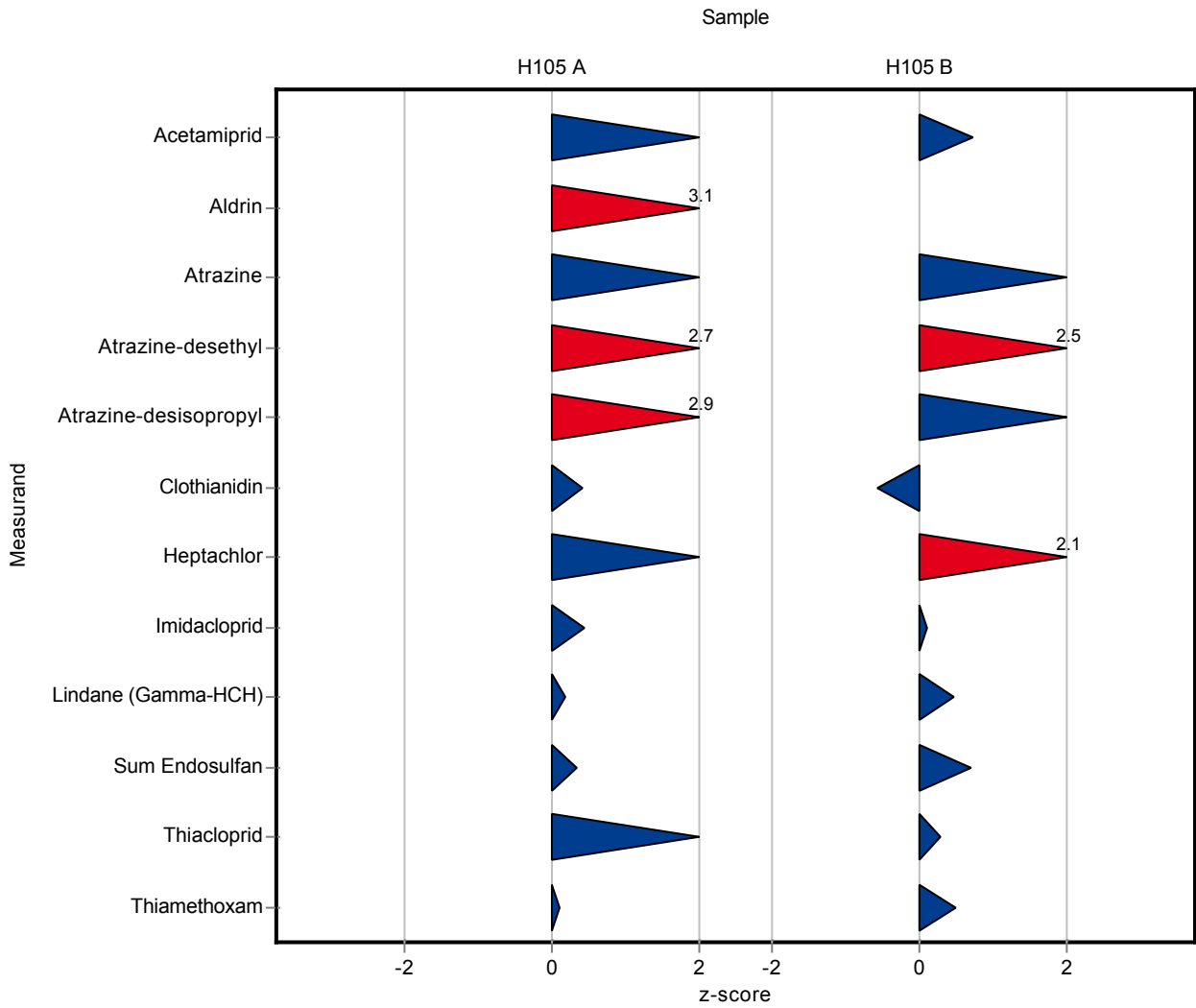
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.218 ± 0.033	0.017	114	1.56
Aldrin	µg/l	0.0651 ± 0.0176	0.151 ± 0.045	0.028	232	3.07
Atrazine	µg/l	0.0736 ± 0.00446	0.081 ± 0.01	0.00736	110	1.00
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.139 ± 0.021	0.0126	132	2.66
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.151 ± 0.03	0.0142	138	2.94
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	0.189 ± 0.028	0.025	106	0.41
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.159 ± 0.048	0.0367	157	1.58
Imidacloprid	µg/l	0.13 ± 0.00945	0.139 ± 0.024	0.0208	107	0.44
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.295 ± 0.044	0.0596	104	0.19
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	0.0016 ± 0.0005	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.313 ± 0.055	0.111	113	0.33
Thiacloprid	µg/l	0.131 ± 0.00767	0.151 ± 0.023	0.0184	115	1.08
Thiamethoxam	µg/l	0.131 ± 0.015	0.133 ± 0.03	0.0197	102	0.10

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.556 ± 0.083	0.0279	104	0.72
Aldrin	µg/l	- ± -	<0.003 (LOD) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.272 ± 0.034	0.0247	110	1.02
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.781 ± 0.117	0.072	130	2.52
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.284 ± 0.057	0.0308	120	1.52
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	0.305 ± 0.046	0.0465	91.9	-0.58
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	0.366 ± 0.11	0.0751	176	2.11
Imidacloprid	µg/l	0.283 ± 0.0351	0.288 ± 0.05	0.0452	102	0.12
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.627 ± 0.094	0.12	110	0.46
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	0.0033 ± 0.001	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	0.695 ± 0.122	0.217	128	0.70
Thiacloprid	µg/l	0.277 ± 0.0183	0.288 ± 0.043	0.0388	104	0.28
Thiamethoxam	µg/l	0.263 ± 0.0323	0.282 ± 0.063	0.0394	107	0.49



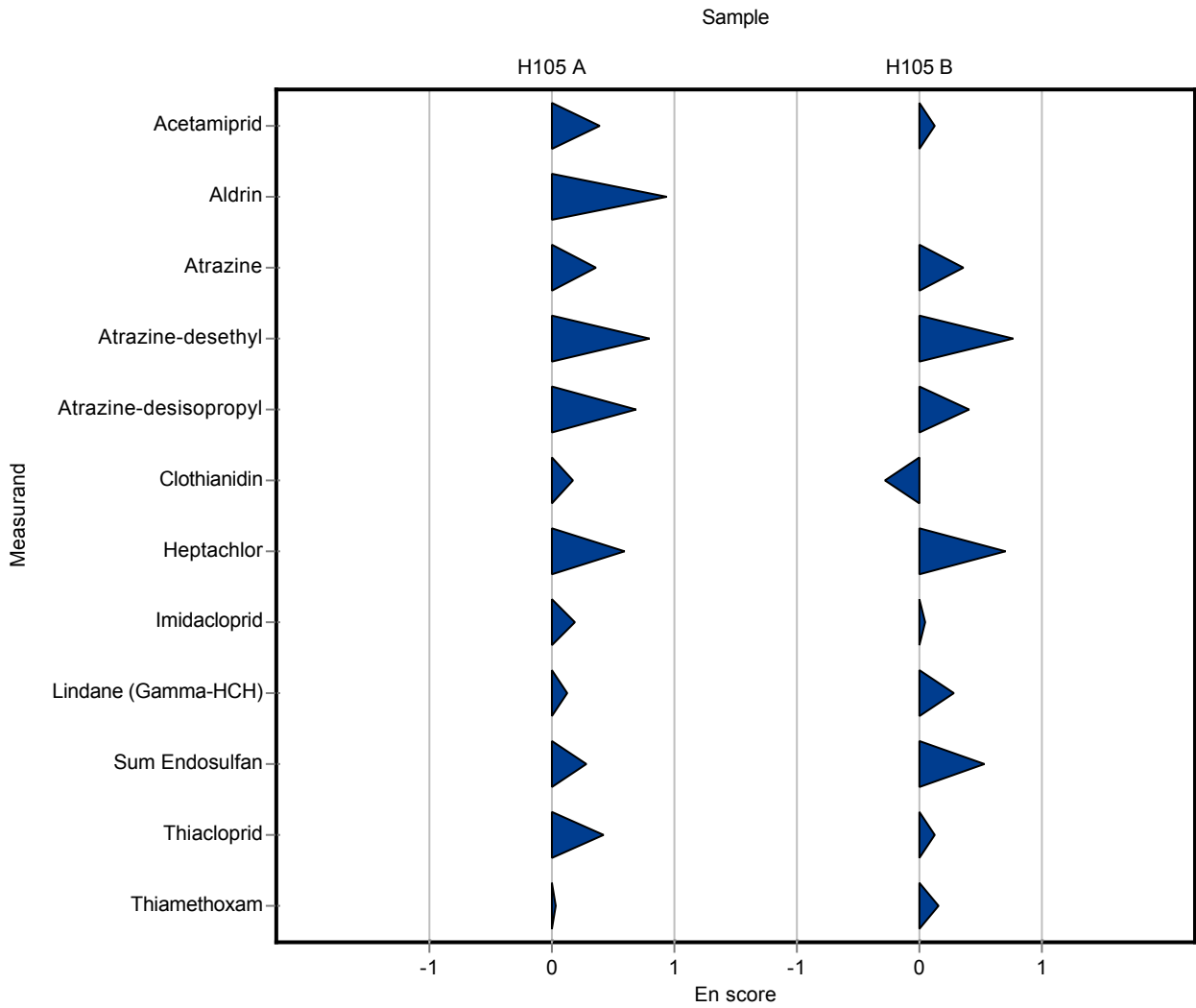
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.218 ± 0.033	0.017	114	0.40
Aldrin	µg/l	0.0651 ± 0.0176	0.151 ± 0.045	0.028	232	0.94
Atrazine	µg/l	0.0736 ± 0.00446	0.081 ± 0.01	0.00736	110	0.36
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.139 ± 0.021	0.0126	132	0.79
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.151 ± 0.03	0.0142	138	0.69
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	0.189 ± 0.028	0.025	106	0.18
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.159 ± 0.048	0.0367	157	0.59
Imidacloprid	µg/l	0.13 ± 0.00945	0.139 ± 0.024	0.0208	107	0.19
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.295 ± 0.044	0.0596	104	0.12
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	0.0016 ± 0.0005	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.313 ± 0.055	0.111	113	0.29
Thiacloprid	µg/l	0.131 ± 0.00767	0.151 ± 0.023	0.0184	115	0.42
Thiamethoxam	µg/l	0.131 ± 0.015	0.133 ± 0.03	0.0197	102	0.03

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.556 ± 0.083	0.0279	104	0.12
Aldrin	µg/l	- ± -	<0.003 (LOD) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	0.247 ± 0.0125	0.272 ± 0.034	0.0247	110	0.36
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.781 ± 0.117	0.072	130	0.77
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.284 ± 0.057	0.0308	120	0.41
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	0.305 ± 0.046	0.0465	91.9	-0.29
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	0.366 ± 0.11	0.0751	176	0.70
Imidacloprid	µg/l	0.283 ± 0.0351	0.288 ± 0.05	0.0452	102	0.05
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.627 ± 0.094	0.12	110	0.28
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	0.0033 ± 0.001	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	0.695 ± 0.122	0.217	128	0.54
Thiacloprid	µg/l	0.277 ± 0.0183	0.288 ± 0.043	0.0388	104	0.13
Thiamethoxam	µg/l	0.263 ± 0.0323	0.282 ± 0.063	0.0394	107	0.15



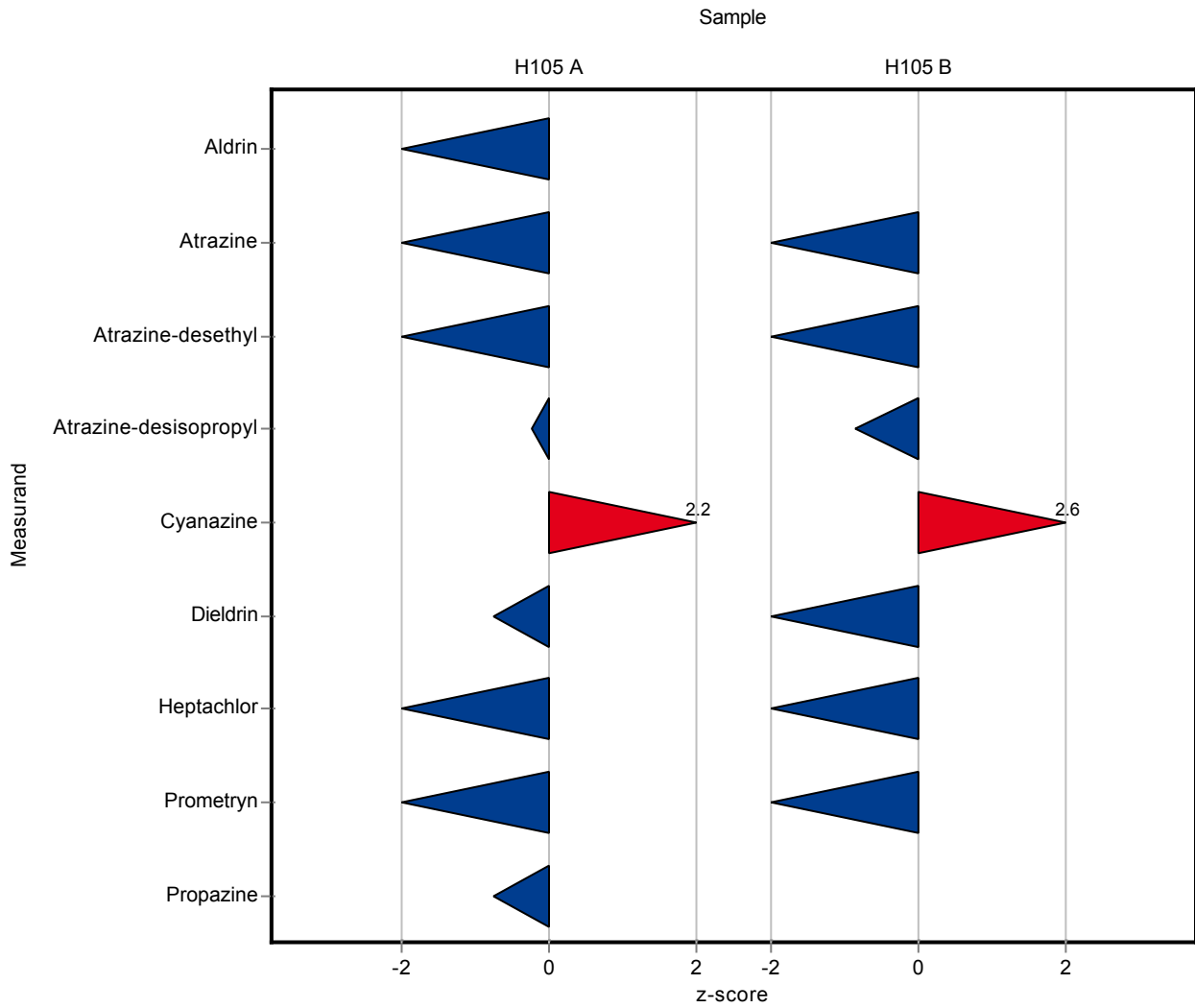
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.023 ± 0.007	0.028	35.3	-1.51
Atrazine	µg/l	0.0736 ± 0.00446	0.061 ± 0.012	0.00736	82.9	-1.71
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.083 ± 0.017	0.0126	78.8	-1.77
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.106 ± 0.021	0.0142	97	-0.23
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	0.293 ± 0.059	0.0297	128	2.17
Dieldrin	µg/l	0.272 ± 0.0277	0.235 ± 0.07	0.05	86.5	-0.73
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.048 ± 0.014	0.0367	47.5	-1.44
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.151 ± 0.03	0.0225	80.4	-1.63
Propazine	µg/l	0.0549 ± 0.00397	0.05 ± 0.01	0.00659	91.1	-0.74
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.209 ± 0.042	0.0247	84.7	-1.53
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.471 ± 0.094	0.072	78.5	-1.79
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.211 ± 0.042	0.0308	88.9	-0.85
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	0.576 ± 0.115	0.0557	134	2.64
Dieldrin	µg/l	0.626 ± 0.105	0.355 ± 0.107	0.19	56.7	-1.43
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	0.081 ± 0.024	0.0751	39	-1.68
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.38 ± 0.076	0.0519	87.9	-1.01
Propazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



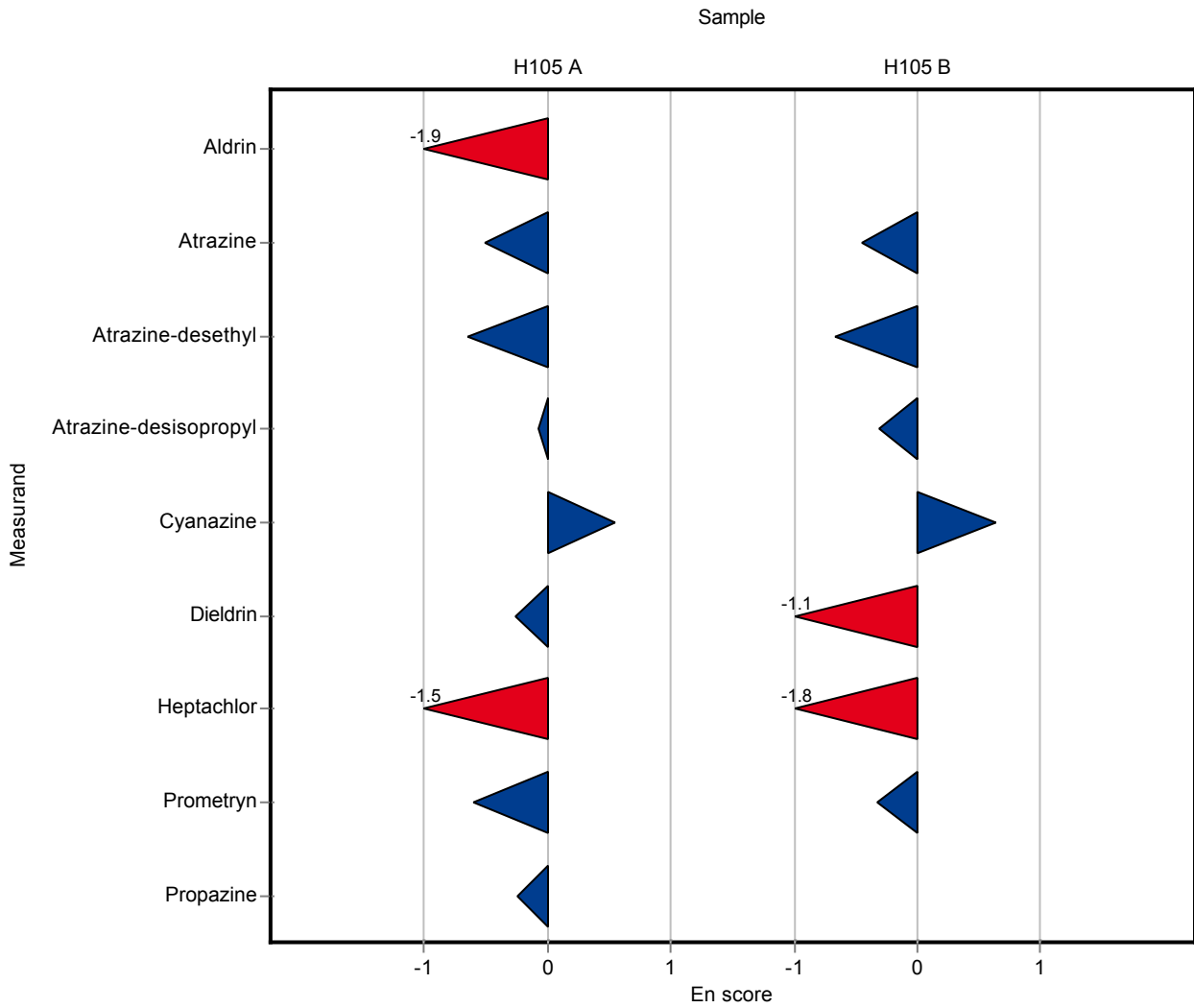
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.023 ± 0.007	0.028	35.3	-1.87
Atrazine	µg/l	0.0736 ± 0.00446	0.061 ± 0.012	0.00736	82.9	-0.52
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.083 ± 0.017	0.0126	78.8	-0.65
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.106 ± 0.021	0.0142	97	-0.08
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	0.293 ± 0.059	0.0297	128	0.54
Dieldrin	µg/l	0.272 ± 0.0277	0.235 ± 0.07	0.05	86.5	-0.26
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.048 ± 0.014	0.0367	47.5	-1.51
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.151 ± 0.03	0.0225	80.4	-0.60
Propazine	µg/l	0.0549 ± 0.00397	0.05 ± 0.01	0.00659	91.1	-0.24
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]	
Atrazine	µg/l	0.247 ± 0.0125	0.209 ± 0.042	0.0247	84.7	-0.45
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.471 ± 0.094	0.072	78.5	-0.67
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.211 ± 0.042	0.0308	88.9	-0.31
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	0.576 ± 0.115	0.0557	134	0.63
Dieldrin	µg/l	0.626 ± 0.105	0.355 ± 0.107	0.19	56.7	-1.14
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	0.081 ± 0.024	0.0751	39	-1.82
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.38 ± 0.076	0.0519	87.9	-0.33
Propazine	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



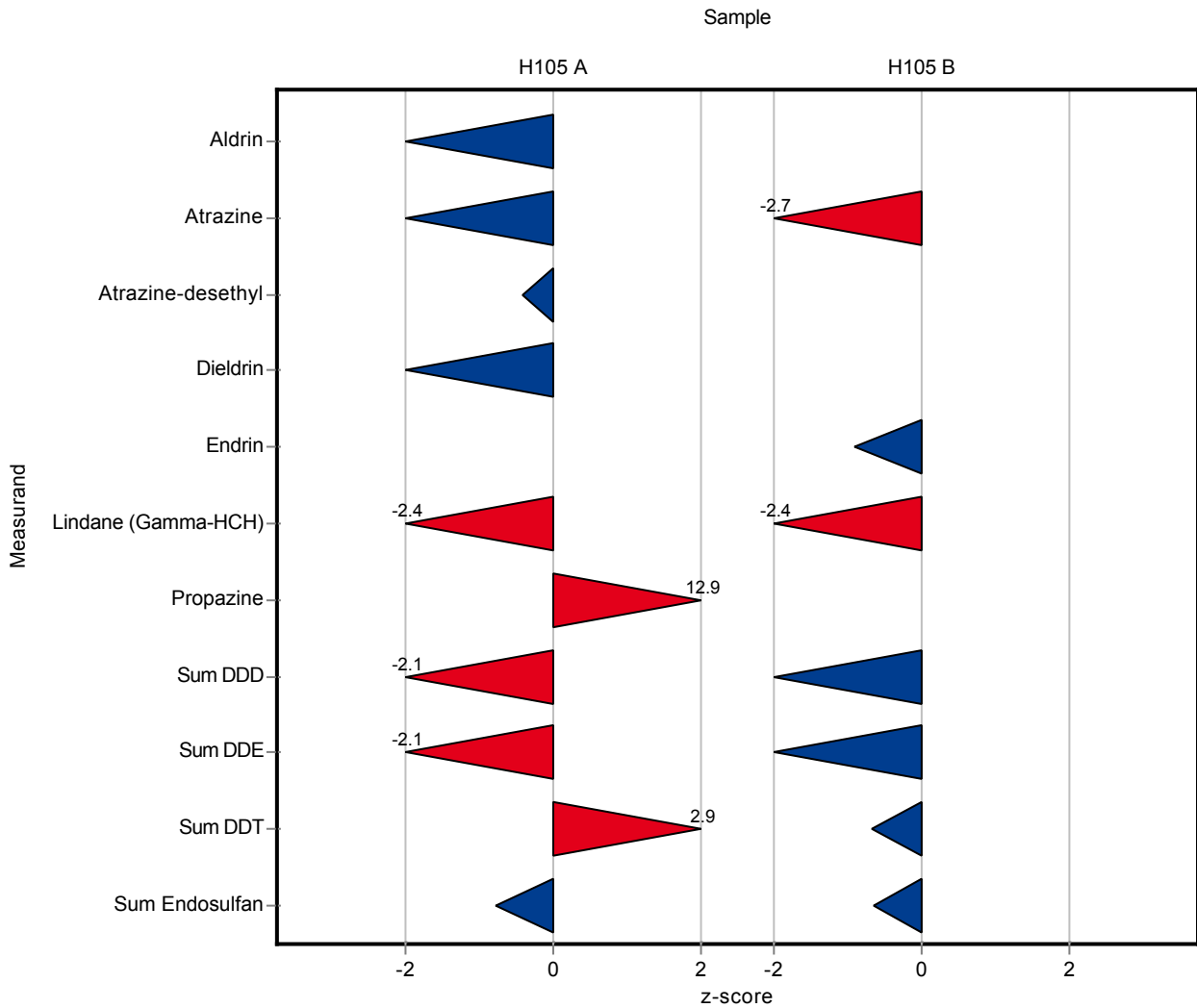
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.03 ± 0.01	0.028	46.1	-1.26
Atrazine	µg/l	0.0736 ± 0.00446	0.06 ± 0.03	0.00736	81.5	-1.85
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.1 ± 0.04	0.0126	94.9	-0.43
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	0.19 ± 0.09	0.05	69.9	-1.64
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.14 ± 0.06	0.0596	49.3	-2.41
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	0.14 ± 0.06	0.00659	255	12.90
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.1 ± 0.04	0.0934	34.2	-2.05
Sum DDE	µg/l	0.245 ± 0.071	0.05 ± 0.02	0.0939	20.4	-2.07
Sum DDT	µg/l	0.12 ± 0.0312	0.24 ± 0.11	0.0418	201	2.88
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.19 ± 0.08	0.111	68.8	-0.78
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.18 ± 0.08	0.0247	72.9	-2.71
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	-	-
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.28 ± 0.12	0.0602	83.8	-0.90
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.28 ± 0.12	0.12	49	-2.43
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.2 ± 0.09	0.241	38	-1.35
Sum DDE	µg/l	0.412 ± 0.131	0.09 ± 0.04	0.174	21.9	-1.85
Sum DDT	µg/l	0.367 ± 0.109	0.27 ± 0.12	0.144	73.5	-0.68
Sum Endosulfan	µg/l	0.543 ± 0.144	0.4 ± 0.18	0.217	73.7	-0.66
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



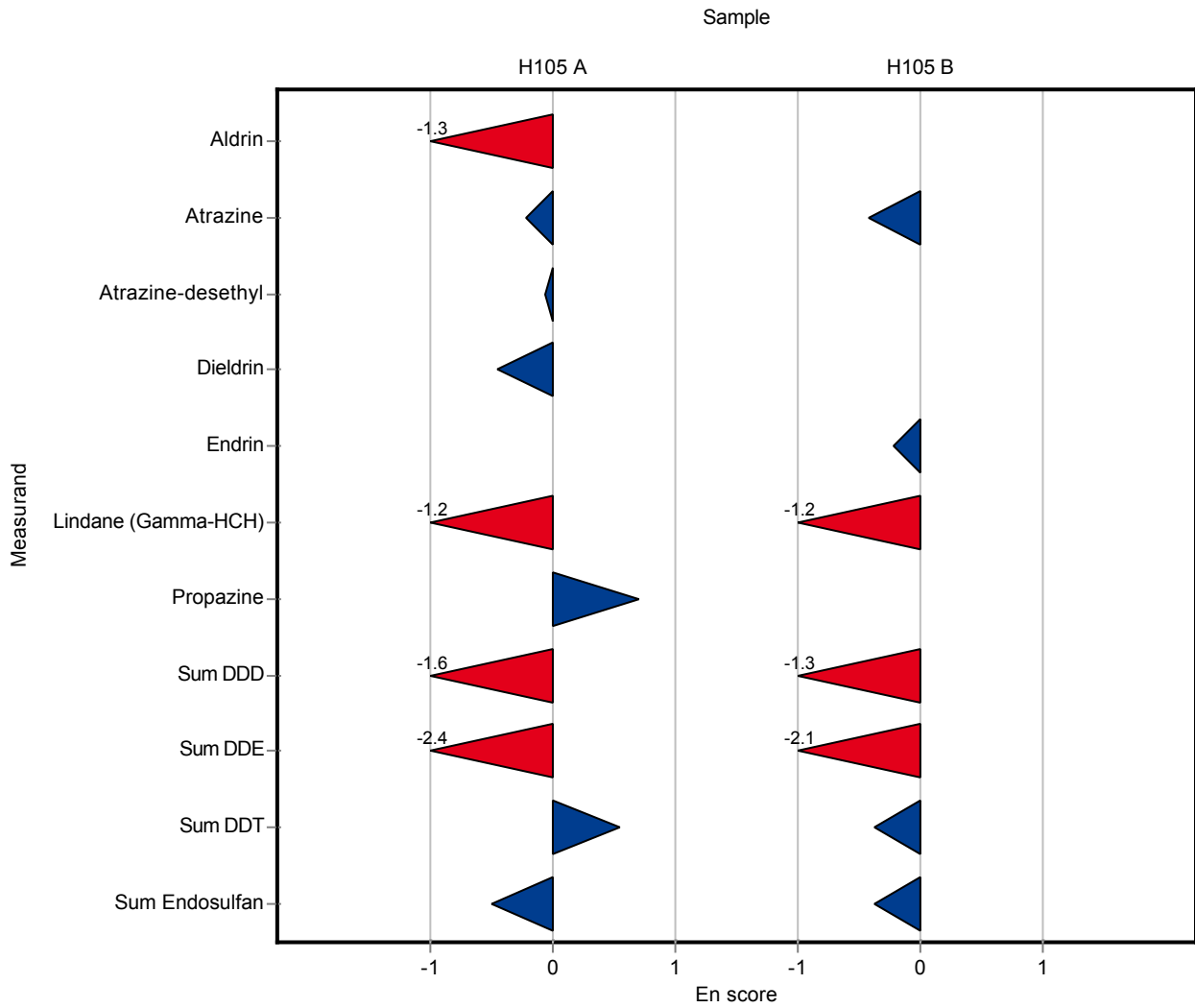
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.03 ± 0.01	0.028	46.1	-1.32
Atrazine	µg/l	0.0736 ± 0.00446	0.06 ± 0.03	0.00736	81.5	-0.23
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.1 ± 0.04	0.0126	94.9	-0.07
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	0.19 ± 0.09	0.05	69.9	-0.45
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.14 ± 0.06	0.0596	49.3	-1.18
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	0.14 ± 0.06	0.00659	255	0.71
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.1 ± 0.04	0.0934	34.2	-1.65
Sum DDE	µg/l	0.245 ± 0.071	0.05 ± 0.02	0.0939	20.4	-2.39
Sum DDT	µg/l	0.12 ± 0.0312	0.24 ± 0.11	0.0418	201	0.54
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.19 ± 0.08	0.111	68.8	-0.50
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	0.247 ± 0.0125	0.18 ± 0.08	0.0247	72.9	-0.42
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	-	-
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.28 ± 0.12	0.0602	83.8	-0.23
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.28 ± 0.12	0.12	49	-1.19
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.2 ± 0.09	0.241	38	-1.31
Sum DDE	µg/l	0.412 ± 0.131	0.09 ± 0.04	0.174	21.9	-2.09
Sum DDT	µg/l	0.367 ± 0.109	0.27 ± 0.12	0.144	73.5	-0.37
Sum Endosulfan	µg/l	0.543 ± 0.144	0.4 ± 0.18	0.217	73.7	-0.37
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



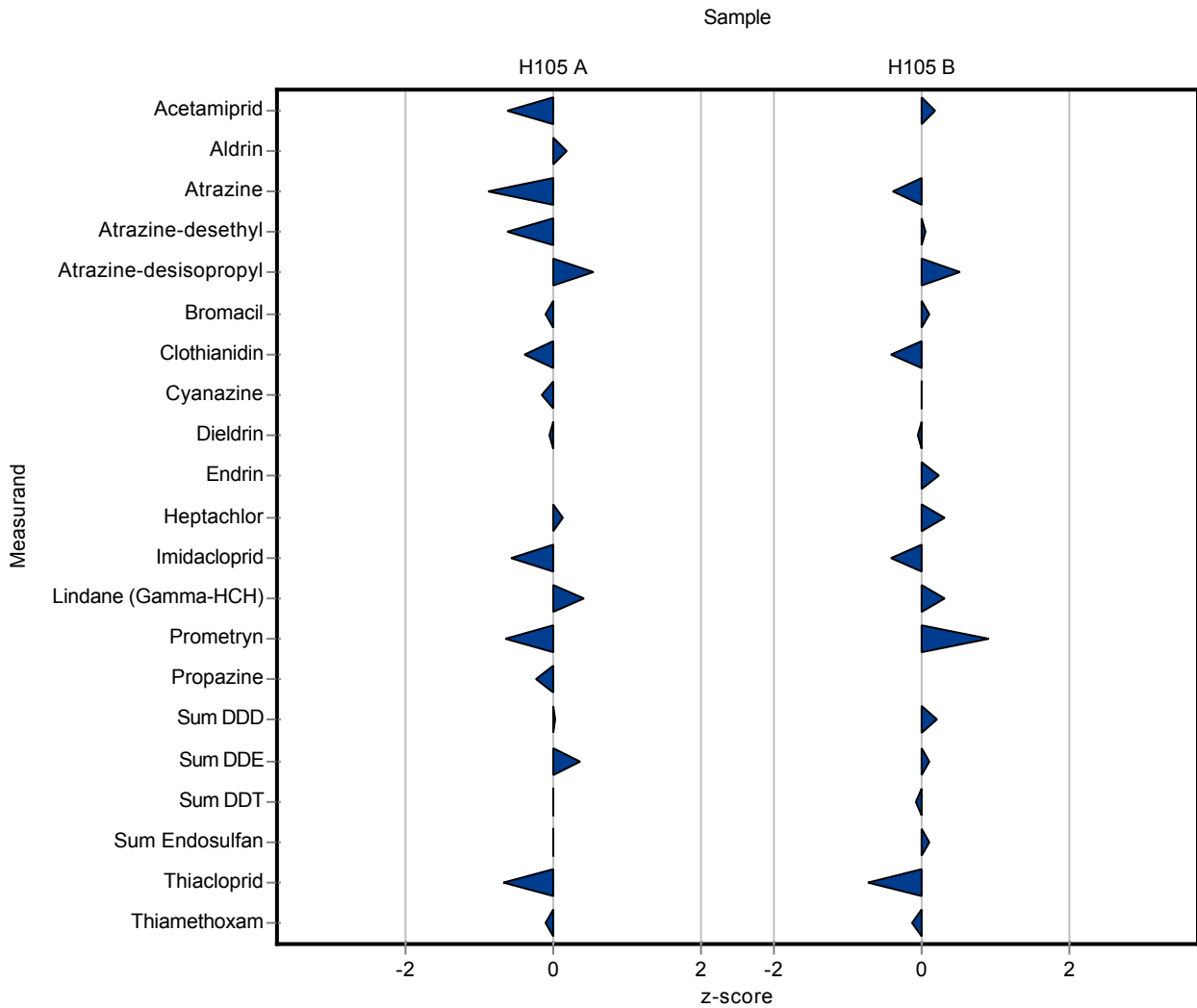
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.181 ± 0.036	0.017	94.5	-0.61
Aldrin	µg/l	0.0651 ± 0.0176	0.0705 ± 0.009	0.028	108	0.19
Atrazine	µg/l	0.0736 ± 0.00446	0.0671 ± 0.008	0.00736	91.1	-0.89
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.0974 ± 0.02	0.0126	92.4	-0.63
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.117 ± 0.018	0.0142	107	0.54
Bromacil	µg/l	0.123 ± 0.00785	0.121 ± 0.027	0.016	98.6	-0.11
Clothianidin	µg/l	0.179 ± 0.012	0.169 ± 0.034	0.025	94.6	-0.39
Cyanazine	µg/l	0.229 ± 0.0176	0.224 ± 0.045	0.0297	98	-0.15
Dieldrin	µg/l	0.272 ± 0.0277	0.269 ± 0.051	0.05	99	-0.06
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.106 ± 0.018	0.0367	105	0.14
Imidacloprid	µg/l	0.13 ± 0.00945	0.118 ± 0.024	0.0208	90.8	-0.57
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.308 ± 0.04	0.0596	109	0.41
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.173 ± 0.035	0.0225	92.1	-0.66
Propazine	µg/l	0.0549 ± 0.00397	0.0533 ± 0.011	0.00659	97.1	-0.24
Sum Chlordane	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.294 ± 0.044	0.0934	101	0.02
Sum DDE	µg/l	0.245 ± 0.071	0.28 ± 0.042	0.0939	114	0.37
Sum DDT	µg/l	0.12 ± 0.0312	0.119 ± 0.012	0.0418	99.6	-0.01
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.275 ± 0.041	0.111	99.5	-0.01
Thiacloprid	µg/l	0.131 ± 0.00767	0.119 ± 0.024	0.0184	90.7	-0.66
Thiamethoxam	µg/l	0.131 ± 0.015	0.129 ± 0.026	0.0197	98.5	-0.10

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.541 ± 0.108	0.0279	101	0.18
Aldrin	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.237 ± 0.028	0.0247	96	-0.40
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.604 ± 0.127	0.072	101	0.06
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.253 ± 0.038	0.0308	107	0.51
Bromacil	µg/l	0.239 ± 0.0173	0.243 ± 0.053	0.0311	102	0.12
Clothianidin	µg/l	0.332 ± 0.0177	0.313 ± 0.063	0.0465	94.3	-0.41
Cyanazine	µg/l	0.429 ± 0.0374	0.429 ± 0.086	0.0557	100	0.00
Dieldrin	µg/l	0.626 ± 0.105	0.615 ± 0.117	0.19	98.2	-0.06
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.349 ± 0.066	0.0602	104	0.25
Heptachlor	µg/l	0.207 ± 0.0501	0.231 ± 0.039	0.0751	111	0.31
Imidacloprid	µg/l	0.283 ± 0.0351	0.264 ± 0.053	0.0452	93.4	-0.41
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.608 ± 0.079	0.12	106	0.30
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.479 ± 0.096	0.0519	111	0.90
Propazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	-	-
Sum Chlordane	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.574 ± 0.086	0.241	109	0.20
Sum DDE	µg/l	0.412 ± 0.131	0.429 ± 0.064	0.174	104	0.10
Sum DDT	µg/l	0.367 ± 0.109	0.355 ± 0.036	0.144	96.6	-0.09
Sum Endosulfan	µg/l	0.543 ± 0.144	0.563 ± 0.084	0.217	104	0.09
Thiacloprid	µg/l	0.277 ± 0.0183	0.249 ± 0.05	0.0388	89.9	-0.72
Thiamethoxam	µg/l	0.263 ± 0.0323	0.257 ± 0.051	0.0394	97.9	-0.14



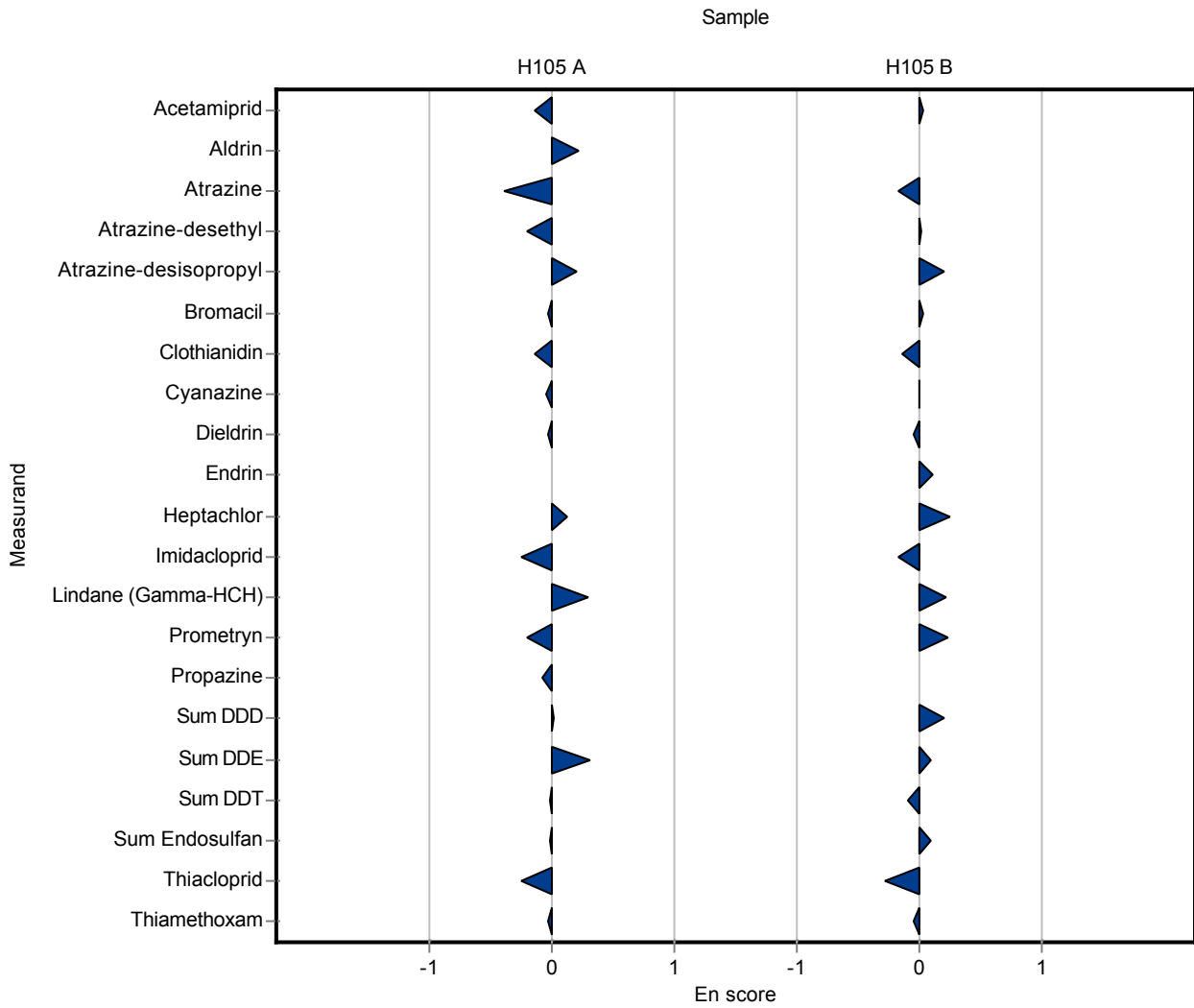
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.181 ± 0.036	0.017	94.5	-0.14
Aldrin	µg/l	0.0651 ± 0.0176	0.0705 ± 0.009	0.028	108	0.21
Atrazine	µg/l	0.0736 ± 0.00446	0.0671 ± 0.008	0.00736	91.1	-0.39
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.0974 ± 0.02	0.0126	92.4	-0.20
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.117 ± 0.018	0.0142	107	0.21
Bromacil	µg/l	0.123 ± 0.00785	0.121 ± 0.027	0.016	98.6	-0.03
Clothianidin	µg/l	0.179 ± 0.012	0.169 ± 0.034	0.025	94.6	-0.14
Cyanazine	µg/l	0.229 ± 0.0176	0.224 ± 0.045	0.0297	98	-0.05
Dieldrin	µg/l	0.272 ± 0.0277	0.269 ± 0.051	0.05	99	-0.03
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.106 ± 0.018	0.0367	105	0.12
Imidacloprid	µg/l	0.13 ± 0.00945	0.118 ± 0.024	0.0208	90.8	-0.24
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.308 ± 0.04	0.0596	109	0.29
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.173 ± 0.035	0.0225	92.1	-0.21
Propazine	µg/l	0.0549 ± 0.00397	0.0533 ± 0.011	0.00659	97.1	-0.07
Sum Chlordane	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.294 ± 0.044	0.0934	101	0.02
Sum DDE	µg/l	0.245 ± 0.071	0.28 ± 0.042	0.0939	114	0.32
Sum DDT	µg/l	0.12 ± 0.0312	0.119 ± 0.012	0.0418	99.6	-0.01
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.275 ± 0.041	0.111	99.5	-0.01
Thiacloprid	µg/l	0.131 ± 0.00767	0.119 ± 0.024	0.0184	90.7	-0.25
Thiamethoxam	µg/l	0.131 ± 0.015	0.129 ± 0.026	0.0197	98.5	-0.04

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.541 ± 0.108	0.0279	101	0.02
Aldrin	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	0.247 ± 0.0125	0.237 ± 0.028	0.0247	96 -0.17
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.604 ± 0.127	0.072	101 0.02
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.253 ± 0.038	0.0308	107 0.20
Bromacil	µg/l	0.239 ± 0.0173	0.243 ± 0.053	0.0311	102 0.03
Clothianidin	µg/l	0.332 ± 0.0177	0.313 ± 0.063	0.0465	94.3 -0.15
Cyanazine	µg/l	0.429 ± 0.0374	0.429 ± 0.086	0.0557	100 0.00
Dieldrin	µg/l	0.626 ± 0.105	0.615 ± 0.117	0.19	98.2 -0.04
Dinotefurane	µg/l	- ± -	- ± -	-	- -
Endrin	µg/l	0.334 ± 0.0264	0.349 ± 0.066	0.0602	104 0.11
Heptachlor	µg/l	0.207 ± 0.0501	0.231 ± 0.039	0.0751	111 0.25
Imidacloprid	µg/l	0.283 ± 0.0351	0.264 ± 0.053	0.0452	93.4 -0.17
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.608 ± 0.079	0.12	106 0.22
Nitenpyram	µg/l	- ± -	- ± -	-	- -
Prometryn	µg/l	0.432 ± 0.046	0.479 ± 0.096	0.0519	111 0.24
Propazine	µg/l	- ± -	<0.03 (LOQ) ± -	-	- -
Sum Chlordane	µg/l	- ± -	<0.02 (LOQ) ± -	-	- -
Sum DDD	µg/l	0.526 ± 0.171	0.574 ± 0.086	0.241	109 0.20
Sum DDE	µg/l	0.412 ± 0.131	0.429 ± 0.064	0.174	104 0.09
Sum DDT	µg/l	0.367 ± 0.109	0.355 ± 0.036	0.144	96.6 -0.10
Sum Endosulfan	µg/l	0.543 ± 0.144	0.563 ± 0.084	0.217	104 0.09
Thiacloprid	µg/l	0.277 ± 0.0183	0.249 ± 0.05	0.0388	89.9 -0.28
Thiamethoxam	µg/l	0.263 ± 0.0323	0.257 ± 0.051	0.0394	97.9 -0.05



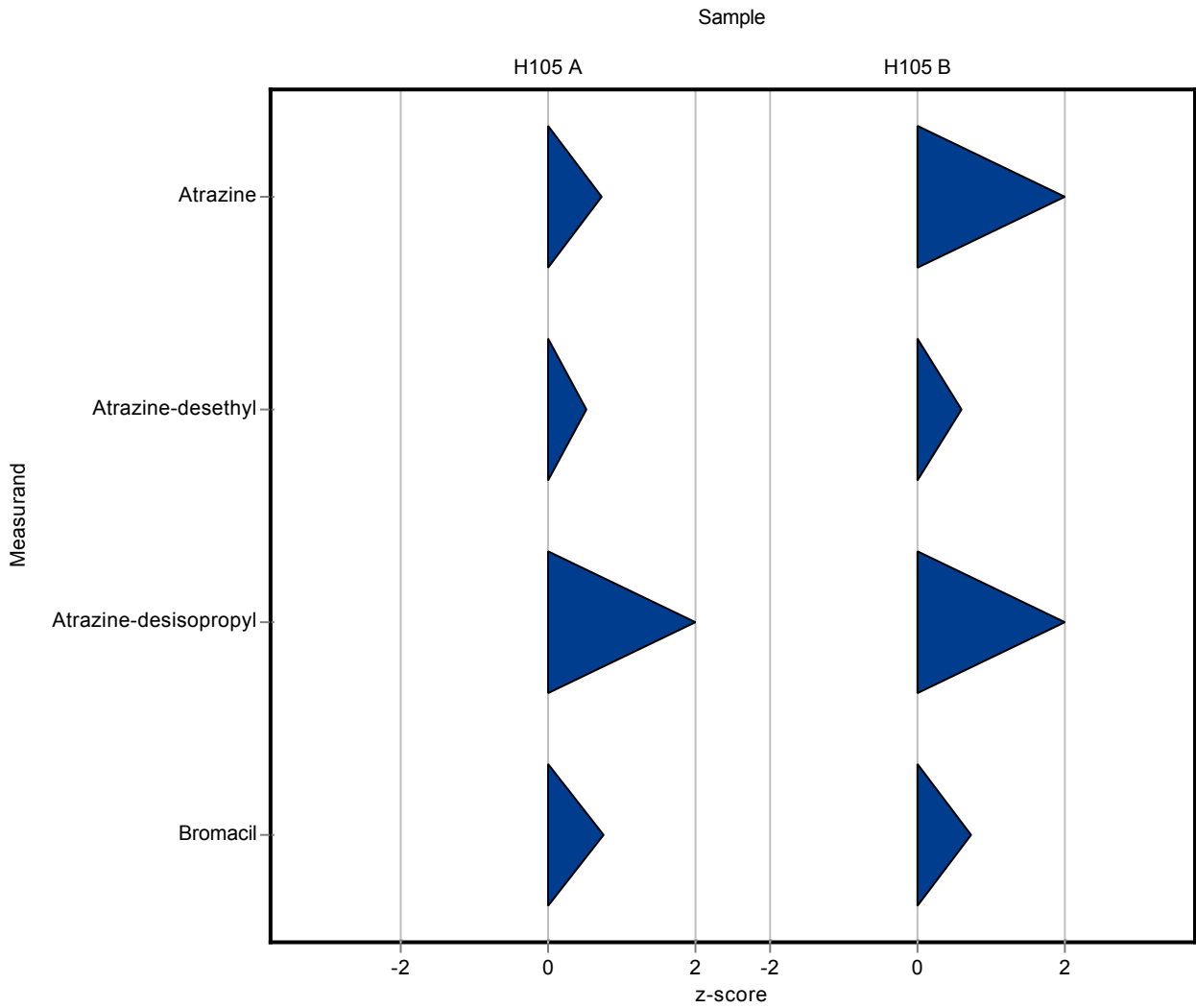
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.079 ± 0.016	0.00736	107	0.73
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.112 ± 0.022	0.0126	106	0.52
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.129 ± 0.026	0.0142	118	1.39
Bromacil	µg/l	0.123 ± 0.00785	0.135 ± 0.027	0.016	110	0.77
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.277 ± 0.055	0.0247	112	1.22
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.642 ± 0.128	0.072	107	0.59
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.269 ± 0.054	0.0308	113	1.03
Bromacil	µg/l	0.239 ± 0.0173	0.262 ± 0.052	0.0311	109	0.73
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



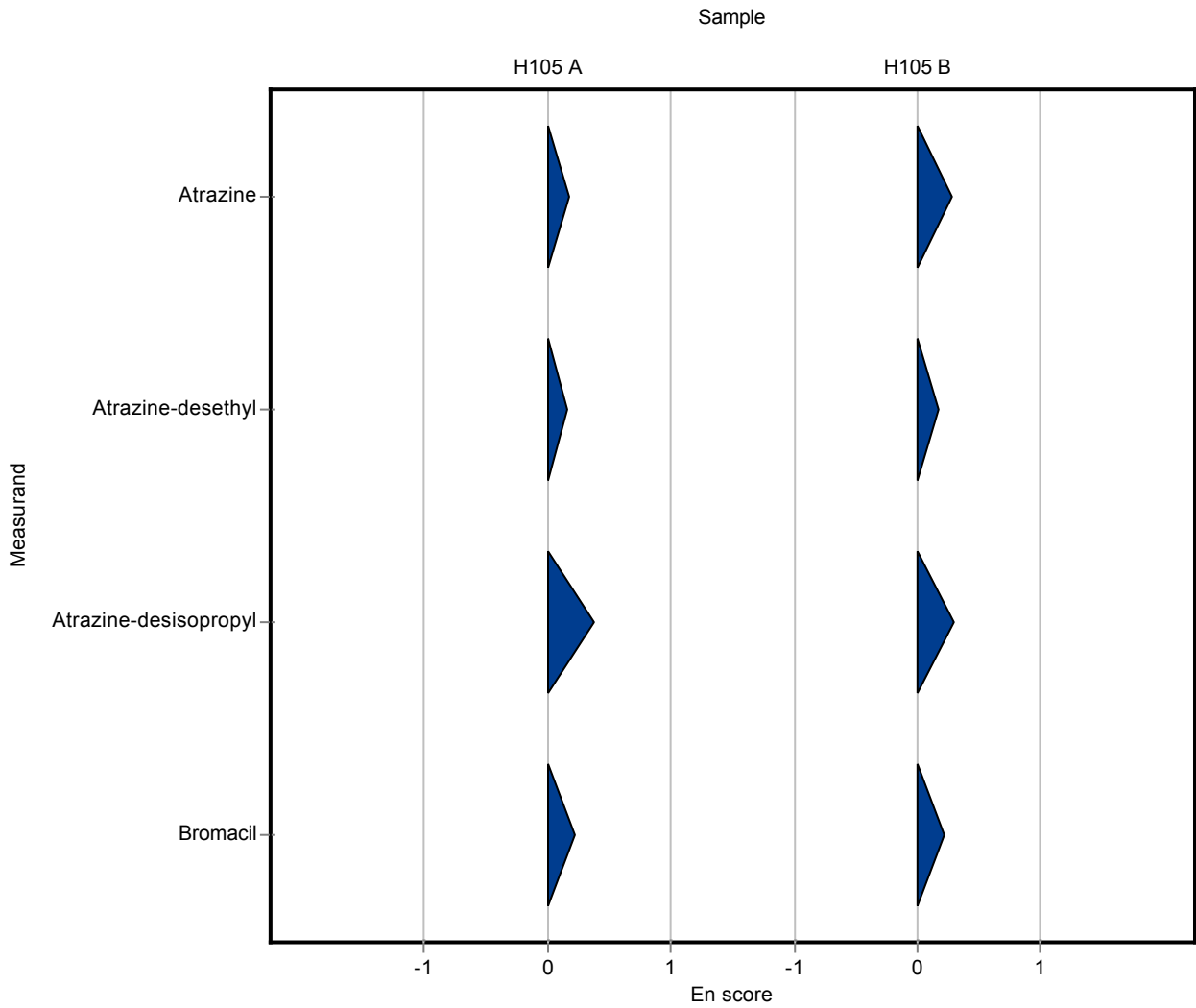
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.079 ± 0.016	0.00736	107	0.17
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.112 ± 0.022	0.0126	106	0.15
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.129 ± 0.026	0.0142	118	0.38
Bromacil	µg/l	0.123 ± 0.00785	0.135 ± 0.027	0.016	110	0.22
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]	
Atrazine	µg/l	0.247 ± 0.0125	0.277 ± 0.055	0.0247	112	0.27
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.642 ± 0.128	0.072	107	0.16
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.269 ± 0.054	0.0308	113	0.29
Bromacil	µg/l	0.239 ± 0.0173	0.262 ± 0.052	0.0311	109	0.21
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



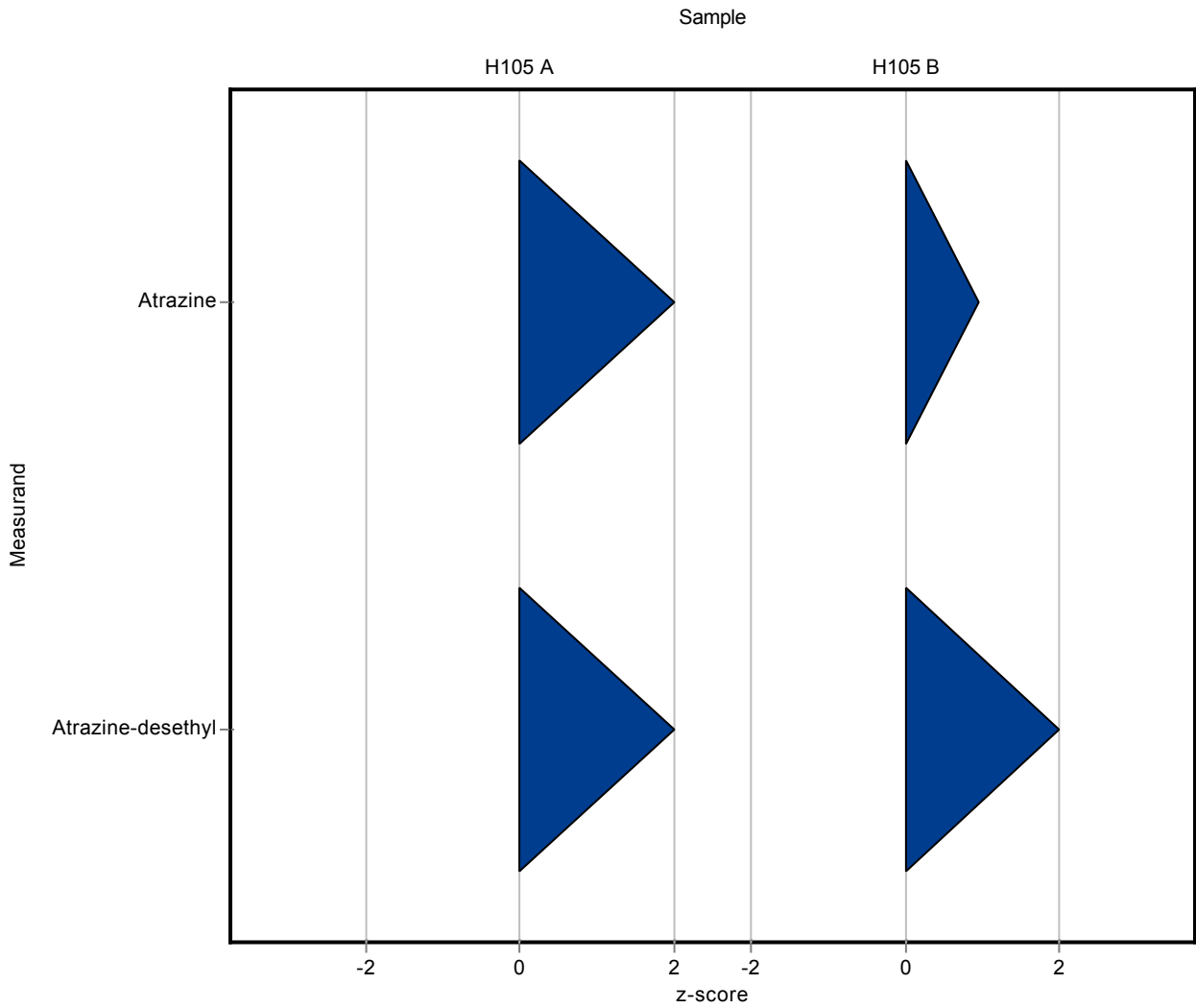
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.081 ± 0.025	0.00736	110	1.00
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.119 ± 0.04	0.0126	113	1.08
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.27 ± 0.084	0.0247	109	0.94
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.673 ± 0.229	0.072	112	1.02
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



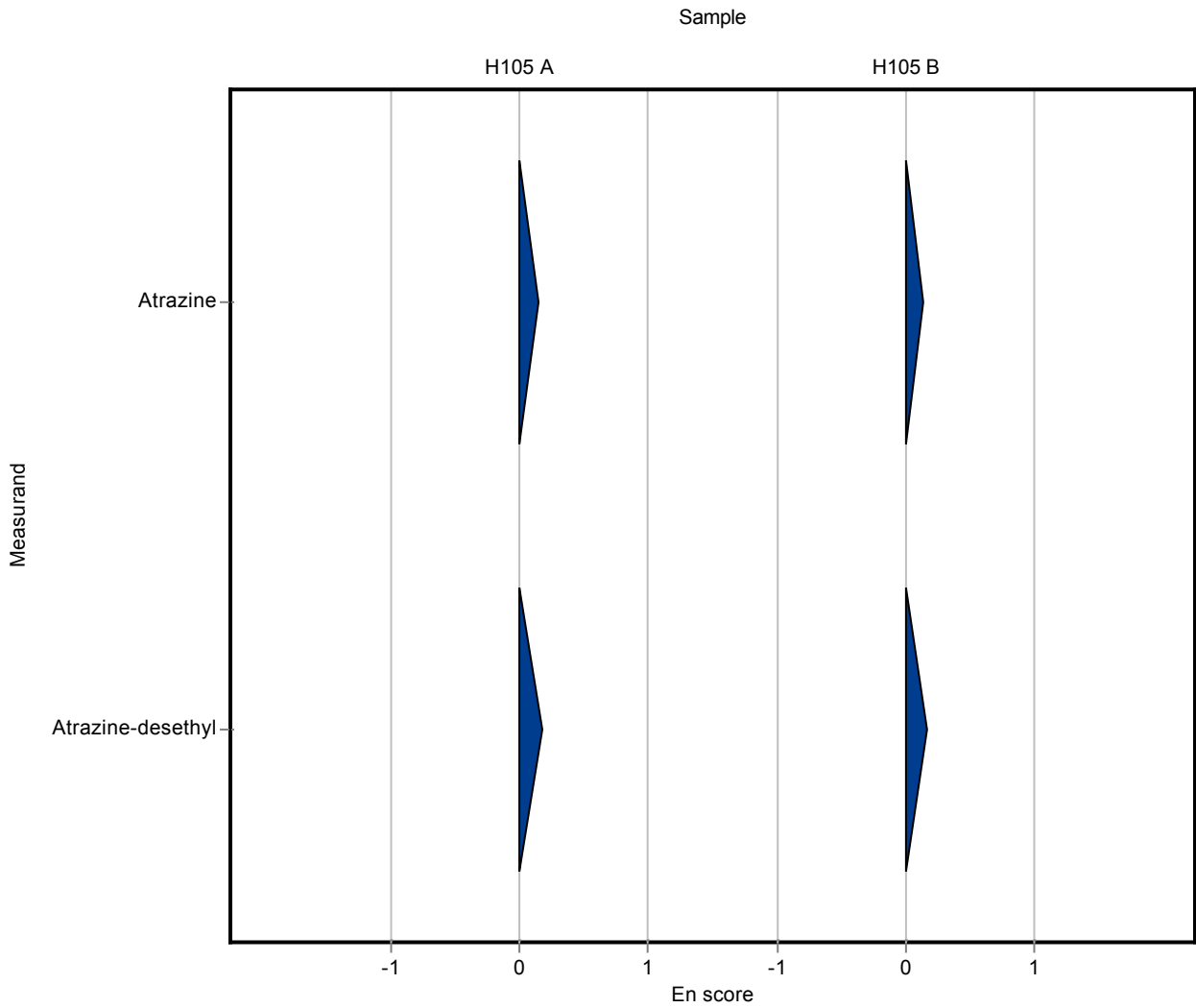
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.081 ± 0.025	0.00736	110	0.15
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.119 ± 0.04	0.0126	113	0.17
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	0.247 ± 0.0125	0.27 ± 0.084	0.0247	109
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.673 ± 0.229	0.072	112
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-
Dinotefurane	µg/l	- ± -	- ± -	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-
Nitenpyram	µg/l	- ± -	- ± -	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-
Propazine	µg/l	- ± -	- ± -	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-



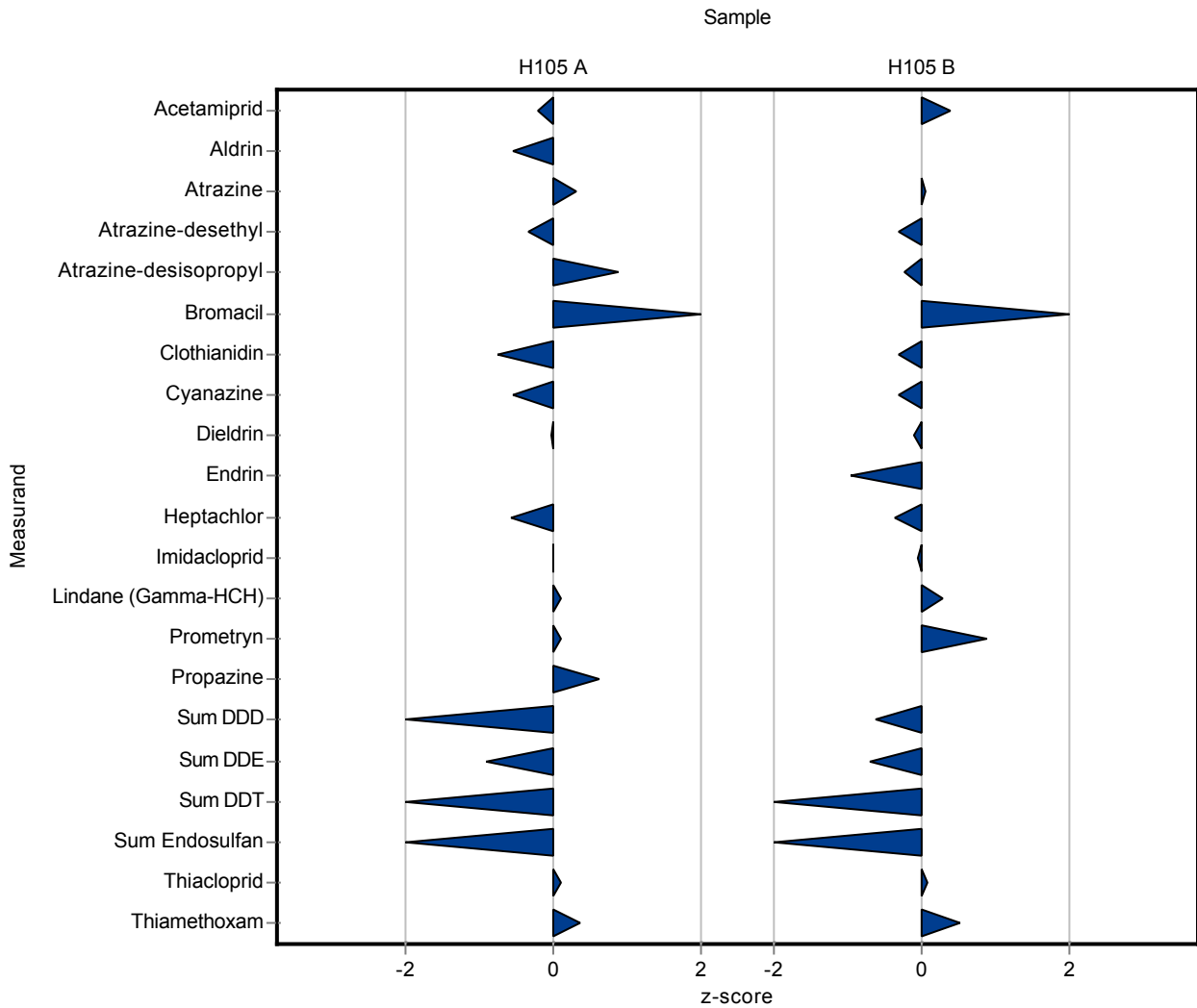
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.188 ± 0.03	0.017	98.2	-0.20
Aldrin	µg/l	0.0651 ± 0.0176	0.05 ± 0.01	0.028	76.8	-0.54
Atrazine	µg/l	0.0736 ± 0.00446	0.076 ± 0.026	0.00736	103	0.32
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.101 ± 0.02	0.0126	95.8	-0.35
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.122 ± 0.024	0.0142	112	0.90
Bromacil	µg/l	0.123 ± 0.00785	0.145 ± 0.033	0.016	118	1.39
Clothianidin	µg/l	0.179 ± 0.012	0.16 ± 0.05	0.025	89.5	-0.75
Cyanazine	µg/l	0.229 ± 0.0176	0.212 ± 0.044	0.0297	92.8	-0.56
Dieldrin	µg/l	0.272 ± 0.0277	0.27 ± 0.05	0.05	99.3	-0.04
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.08 ± 0.02	0.0367	79.2	-0.57
Imidacloprid	µg/l	0.13 ± 0.00945	0.13 ± 0.05	0.0208	100	0.00
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.29 ± 0.06	0.0596	102	0.10
Nitenpyram	µg/l	- ± -	0.143 ± 0.019	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.19 ± 0.036	0.0225	101	0.10
Propazine	µg/l	0.0549 ± 0.00397	0.059 ± 0.009	0.00659	107	0.62
Sum Chlordane	µg/l	- ± -	<0.04 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.17 ± 0.03	0.0934	58.2	-1.31
Sum DDE	µg/l	0.245 ± 0.071	0.16 ± 0.03	0.0939	65.3	-0.90
Sum DDT	µg/l	0.12 ± 0.0312	0.06 ± 0.012	0.0418	50.2	-1.42
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.09 ± 0.02	0.111	32.6	-1.69
Thiacloprid	µg/l	0.131 ± 0.00767	0.133 ± 0.017	0.0184	101	0.10
Thiamethoxam	µg/l	0.131 ± 0.015	0.138 ± 0.028	0.0197	105	0.36

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.547 ± 0.09	0.0279	102	0.40
Aldrin	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.248 ± 0.084	0.0247	100	0.05
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.578 ± 0.12	0.072	96.4	-0.30
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.23 ± 0.05	0.0308	97	-0.23
Bromacil	µg/l	0.239 ± 0.0173	0.295 ± 0.068	0.0311	123	1.79
Clothianidin	µg/l	0.332 ± 0.0177	0.317 ± 0.11	0.0465	95.5	-0.32
Cyanazine	µg/l	0.429 ± 0.0374	0.412 ± 0.086	0.0557	96.1	-0.30
Dieldrin	µg/l	0.626 ± 0.105	0.607 ± 0.12	0.19	96.9	-0.10
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.277 ± 0.06	0.0602	82.9	-0.95
Heptachlor	µg/l	0.207 ± 0.0501	0.18 ± 0.04	0.0751	86.8	-0.36
Imidacloprid	µg/l	0.283 ± 0.0351	0.28 ± 0.11	0.0452	99	-0.06
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.607 ± 0.12	0.12	106	0.29
Nitenpyram	µg/l	- ± -	0.347 ± 0.045	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.478 ± 0.091	0.0519	111	0.88
Propazine	µg/l	- ± -	<0.025 (LOQ) ± -	-	-	-
Sum Chlordane	µg/l	- ± -	<0.04 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.377 ± 0.07	0.241	71.7	-0.62
Sum DDE	µg/l	0.412 ± 0.131	0.29 ± 0.06	0.174	70.4	-0.70
Sum DDT	µg/l	0.367 ± 0.109	0.21 ± 0.04	0.144	57.2	-1.09
Sum Endosulfan	µg/l	0.543 ± 0.144	0.203 ± 0.04	0.217	37.4	-1.57
Thiacloprid	µg/l	0.277 ± 0.0183	0.28 ± 0.039	0.0388	101	0.08
Thiamethoxam	µg/l	0.263 ± 0.0323	0.283 ± 0.057	0.0394	108	0.52



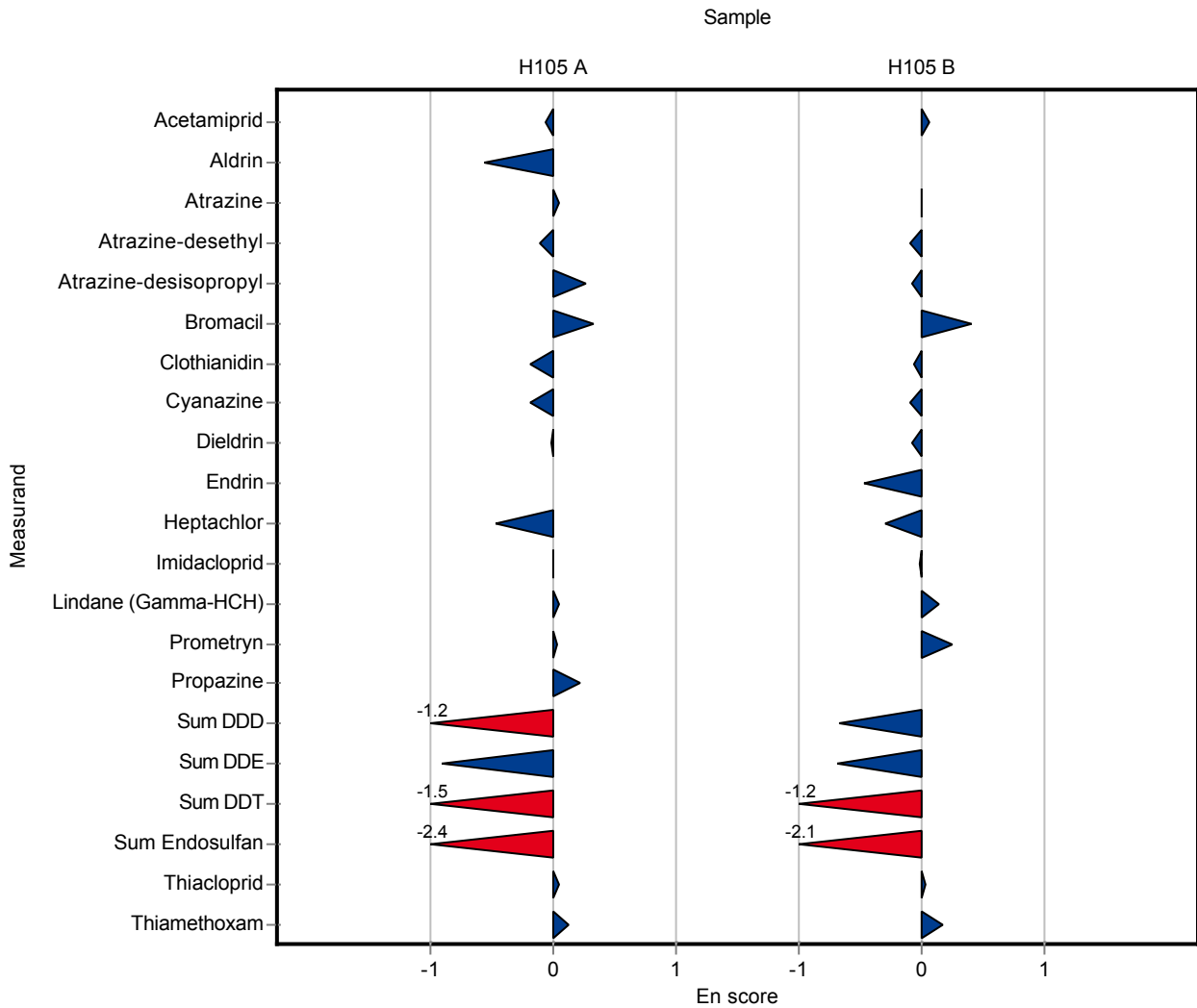
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.188 ± 0.03	0.017	98.2	-0.06
Aldrin	µg/l	0.0651 ± 0.0176	0.05 ± 0.01	0.028	76.8	-0.57
Atrazine	µg/l	0.0736 ± 0.00446	0.076 ± 0.026	0.00736	103	0.05
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.101 ± 0.02	0.0126	95.8	-0.11
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.122 ± 0.024	0.0142	112	0.26
Bromacil	µg/l	0.123 ± 0.00785	0.145 ± 0.033	0.016	118	0.33
Clothianidin	µg/l	0.179 ± 0.012	0.16 ± 0.05	0.025	89.5	-0.19
Cyanazine	µg/l	0.229 ± 0.0176	0.212 ± 0.044	0.0297	92.8	-0.18
Dieldrin	µg/l	0.272 ± 0.0277	0.27 ± 0.05	0.05	99.3	-0.02
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.08 ± 0.02	0.0367	79.2	-0.46
Imidacloprid	µg/l	0.13 ± 0.00945	0.13 ± 0.05	0.0208	100	0.00
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.29 ± 0.06	0.0596	102	0.05
Nitenpyram	µg/l	- ± -	0.143 ± 0.019	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.19 ± 0.036	0.0225	101	0.03
Propazine	µg/l	0.0549 ± 0.00397	0.059 ± 0.009	0.00659	107	0.22
Sum Chlordane	µg/l	- ± -	<0.04 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.17 ± 0.03	0.0934	58.2	-1.17
Sum DDE	µg/l	0.245 ± 0.071	0.16 ± 0.03	0.0939	65.3	-0.91
Sum DDT	µg/l	0.12 ± 0.0312	0.06 ± 0.012	0.0418	50.2	-1.51
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.09 ± 0.02	0.111	32.6	-2.43
Thiacloprid	µg/l	0.131 ± 0.00767	0.133 ± 0.017	0.0184	101	0.05
Thiamethoxam	µg/l	0.131 ± 0.015	0.138 ± 0.028	0.0197	105	0.12

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.547 ± 0.09	0.0279	102	0.06
Aldrin	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]	
Atrazine	µg/l	0.247 ± 0.0125	0.248 ± 0.084	0.0247	100	0.01
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.578 ± 0.12	0.072	96.4	-0.09
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.23 ± 0.05	0.0308	97	-0.07
Bromacil	µg/l	0.239 ± 0.0173	0.295 ± 0.068	0.0311	123	0.41
Clothianidin	µg/l	0.332 ± 0.0177	0.317 ± 0.11	0.0465	95.5	-0.07
Cyanazine	µg/l	0.429 ± 0.0374	0.412 ± 0.086	0.0557	96.1	-0.10
Dieldrin	µg/l	0.626 ± 0.105	0.607 ± 0.12	0.19	96.9	-0.07
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.277 ± 0.06	0.0602	82.9	-0.47
Heptachlor	µg/l	0.207 ± 0.0501	0.18 ± 0.04	0.0751	86.8	-0.29
Imidacloprid	µg/l	0.283 ± 0.0351	0.28 ± 0.11	0.0452	99	-0.01
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.607 ± 0.12	0.12	106	0.14
Nitenpyram	µg/l	- ± -	0.347 ± 0.045	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.478 ± 0.091	0.0519	111	0.24
Propazine	µg/l	- ± -	<0.025 (LOQ) ± -	-	-	-
Sum Chlordane	µg/l	- ± -	<0.04 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.377 ± 0.07	0.241	71.7	-0.68
Sum DDE	µg/l	0.412 ± 0.131	0.29 ± 0.06	0.174	70.4	-0.68
Sum DDT	µg/l	0.367 ± 0.109	0.21 ± 0.04	0.144	57.2	-1.17
Sum Endosulfan	µg/l	0.543 ± 0.144	0.203 ± 0.04	0.217	37.4	-2.06
Thiacloprid	µg/l	0.277 ± 0.0183	0.28 ± 0.039	0.0388	101	0.04
Thiamethoxam	µg/l	0.263 ± 0.0323	0.283 ± 0.057	0.0394	108	0.17



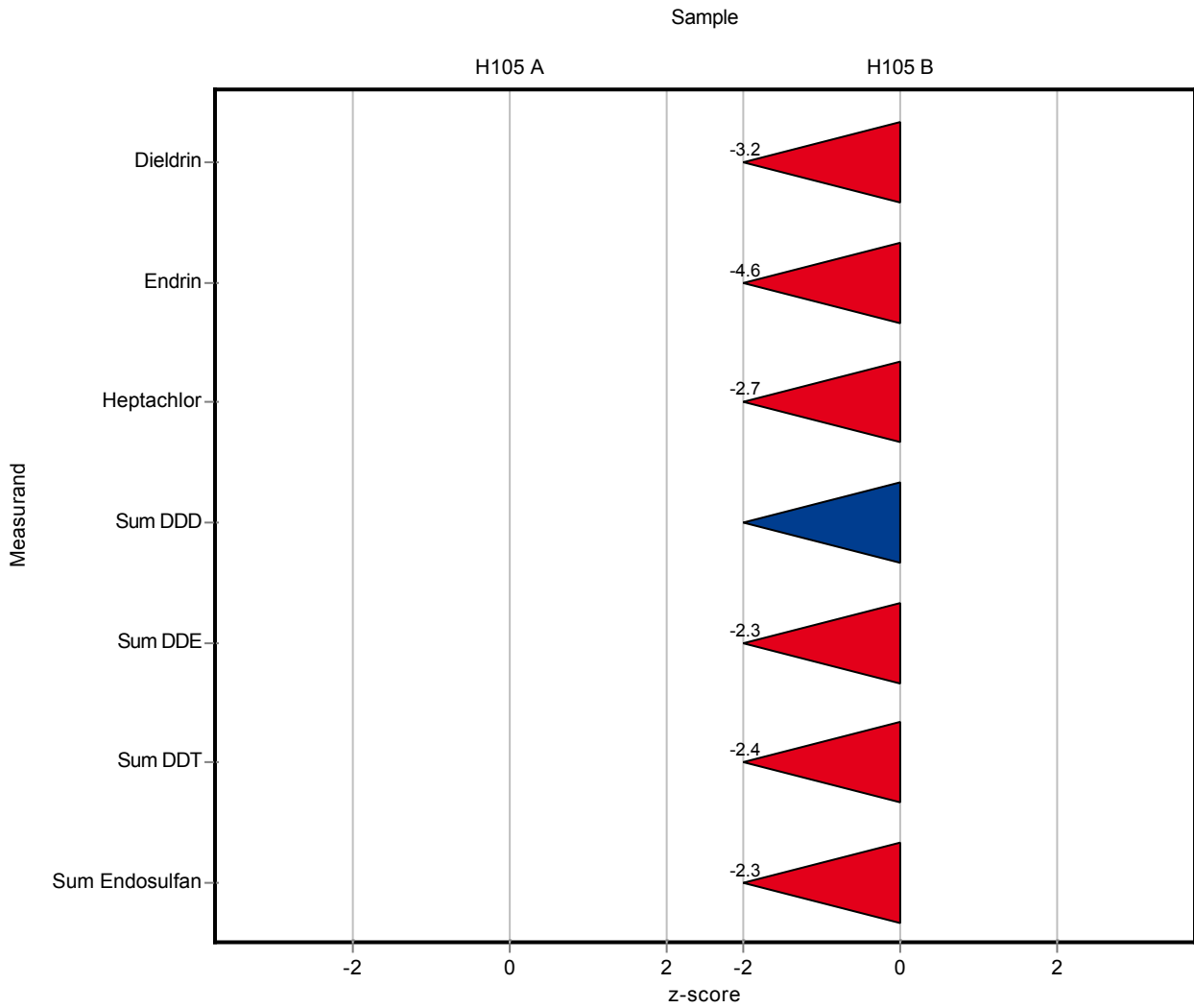
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	- ± -	0.00736	-	-
Atrazine-desethyl	µg/l	0.105 ± 0.00538	- ± -	0.0126	-	-
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	0.063 ± 2.5	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	- ± -	0.0247	-	-
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	-	-
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	0.013 ± 2	0.19	2.08	-3.24
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.055 ± 2	0.0602	16.5	-4.64
Heptachlor	µg/l	0.207 ± 0.0501	0.001 ± 0.15	0.0751	0.482	-2.75
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.07 ± 2	0.241	13.3	-1.89
Sum DDE	µg/l	0.412 ± 0.131	0.01 ± 1	0.174	2.43	-2.31
Sum DDT	µg/l	0.367 ± 0.109	0.028 ± 1.5	0.144	7.62	-2.36
Sum Endosulfan	µg/l	0.543 ± 0.144	0.053 ± 1.5	0.217	9.76	-2.26
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



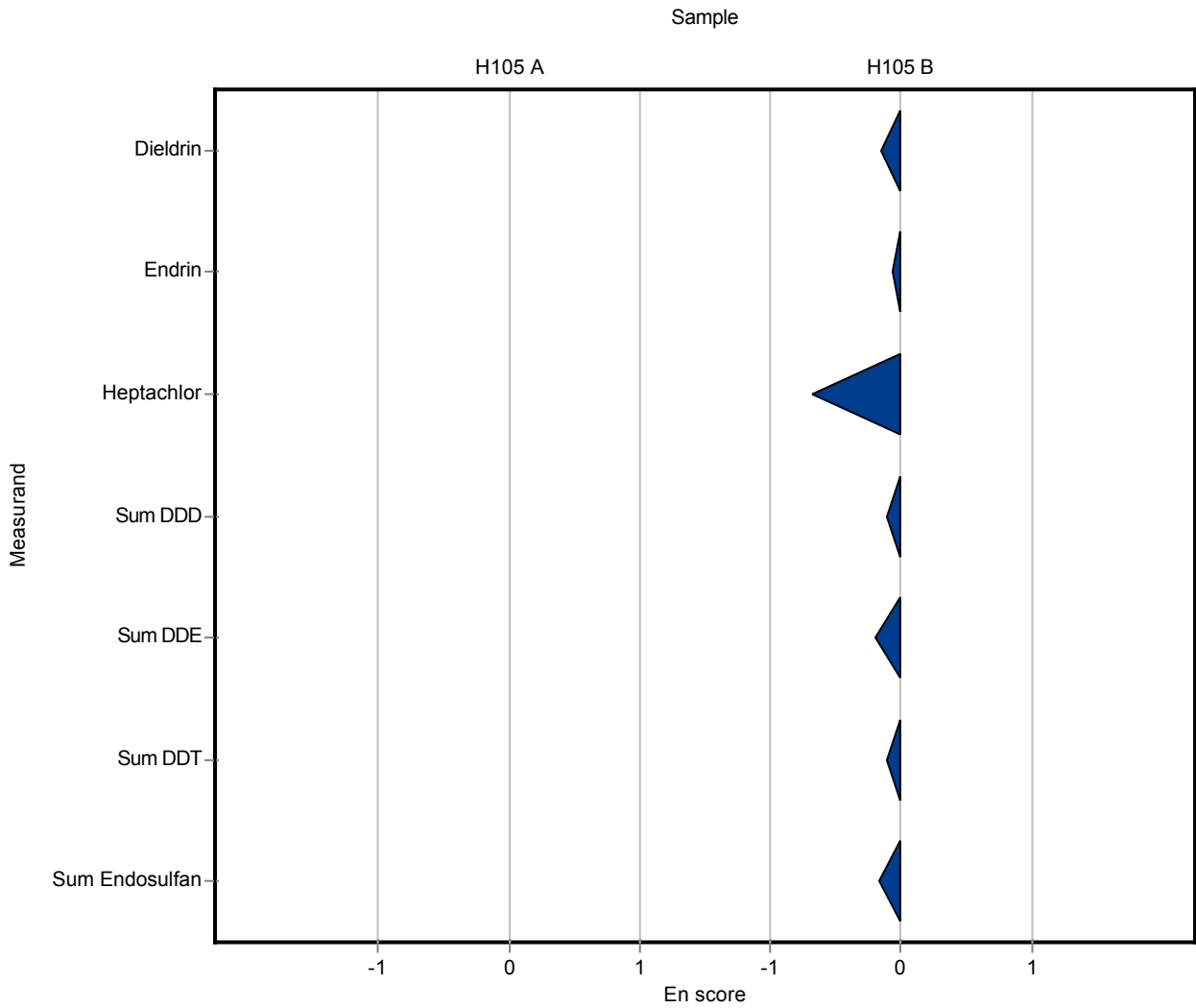
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	- ± -	0.00736	-	-
Atrazine-desethyl	µg/l	0.105 ± 0.00538	- ± -	0.0126	-	-
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	0.063 ± 2.5	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	0.247 ± 0.0125	- ± -	0.0247	-
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	-
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-
Dieldrin	µg/l	0.626 ± 0.105	0.013 ± 2	0.19	2.08
Dinotefurane	µg/l	- ± -	- ± -	-	-
Endrin	µg/l	0.334 ± 0.0264	0.055 ± 2	0.0602	16.5
Heptachlor	µg/l	0.207 ± 0.0501	0.001 ± 0.15	0.0751	0.482
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-
Nitenpyram	µg/l	- ± -	- ± -	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-
Propazine	µg/l	- ± -	- ± -	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.07 ± 2	0.241	13.3
Sum DDE	µg/l	0.412 ± 0.131	0.01 ± 1	0.174	2.43
Sum DDT	µg/l	0.367 ± 0.109	0.028 ± 1.5	0.144	7.62
Sum Endosulfan	µg/l	0.543 ± 0.144	0.053 ± 1.5	0.217	9.76
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-



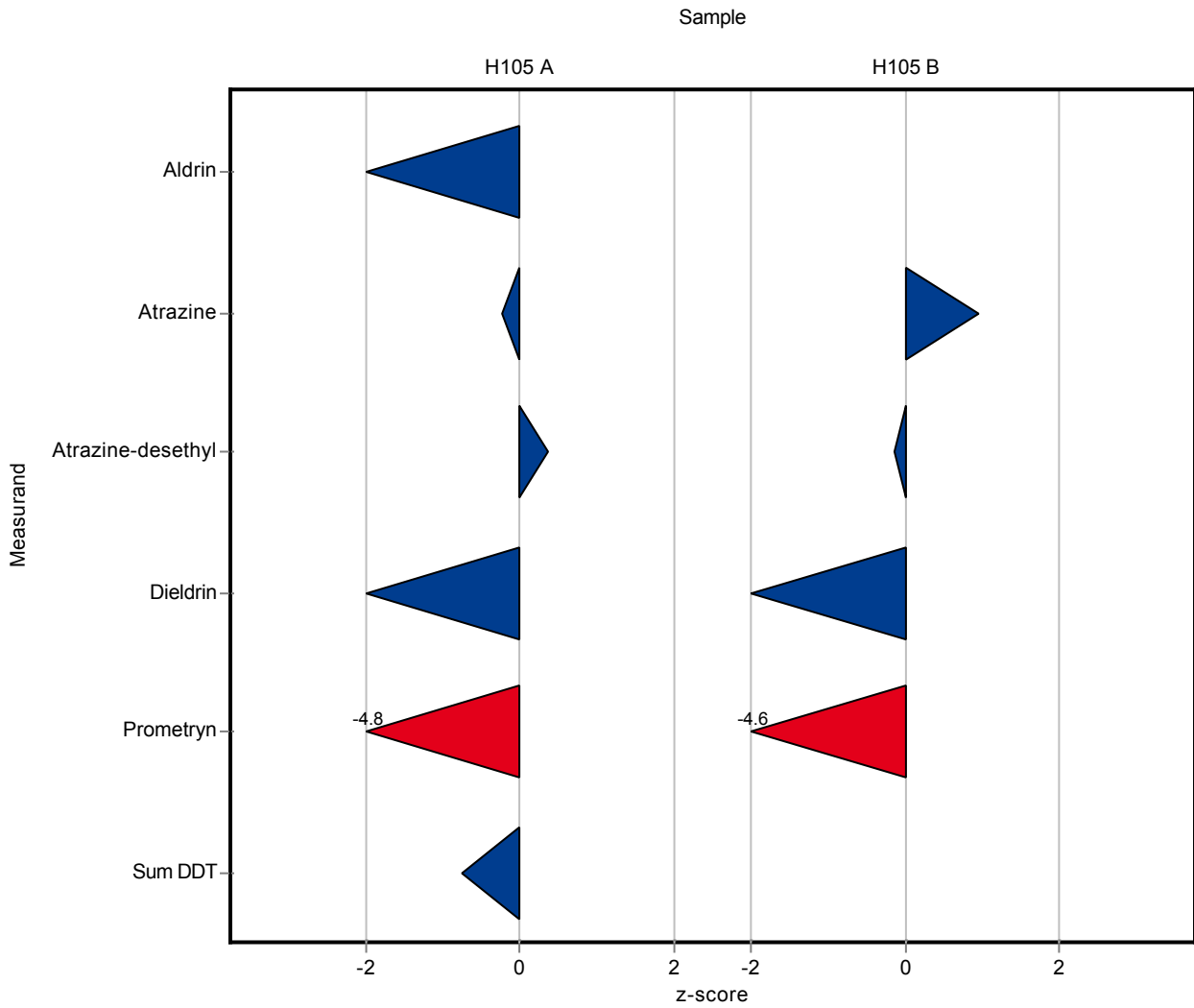
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.026 ± 0.011	0.028	39.9	-1.40
Atrazine	µg/l	0.0736 ± 0.00446	0.072 ± 0.032	0.00736	97.8	-0.22
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.11 ± 0.048	0.0126	104	0.36
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	0.178 ± 0.078	0.05	65.5	-1.88
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.08 ± 0.035	0.0225	42.6	-4.78
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	0.088 ± 0.039	0.0418	73.6	-0.75
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	0.086 ± 0.38	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.27 ± 0.12	0.0247	109	0.94
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.59 ± 0.26	0.072	98.4	-0.13
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	0.27 ± 0.12	0.19	43.1	-1.88
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.196 ± 0.086	0.0519	45.3	-4.56
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



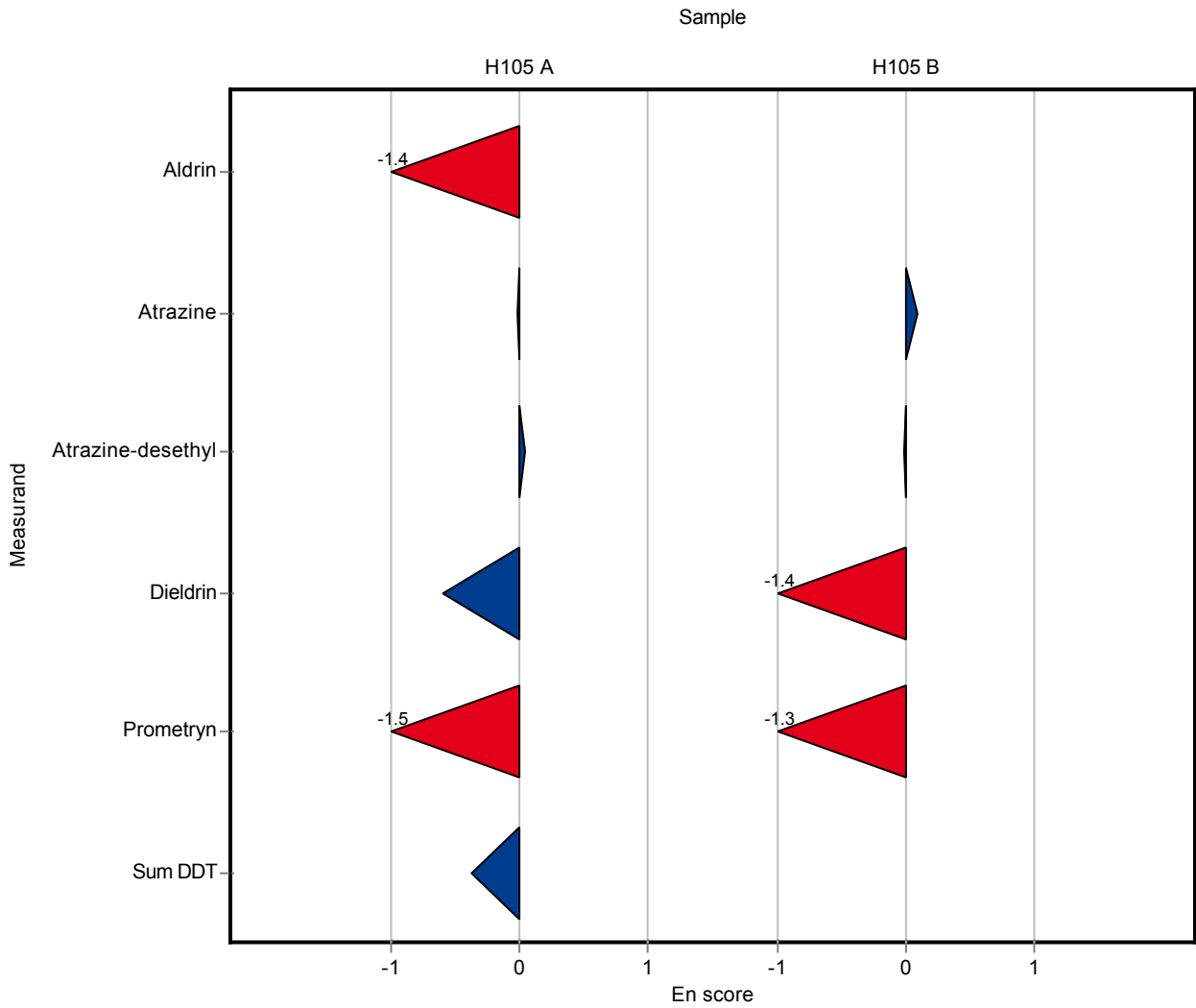
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.026 ± 0.011	0.028	39.9	-1.39
Atrazine	µg/l	0.0736 ± 0.00446	0.072 ± 0.032	0.00736	97.8	-0.03
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.11 ± 0.048	0.0126	104	0.05
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	0.178 ± 0.078	0.05	65.5	-0.59
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.08 ± 0.035	0.0225	42.6	-1.52
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	0.088 ± 0.039	0.0418	73.6	-0.38
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	0.086 ± 0.38	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]	
Atrazine	µg/l	0.247 ± 0.0125	0.27 ± 0.12	0.0247	109	0.10
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.59 ± 0.26	0.072	98.4	-0.02
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	0.27 ± 0.12	0.19	43.1	-1.36
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.196 ± 0.086	0.0519	45.3	-1.33
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



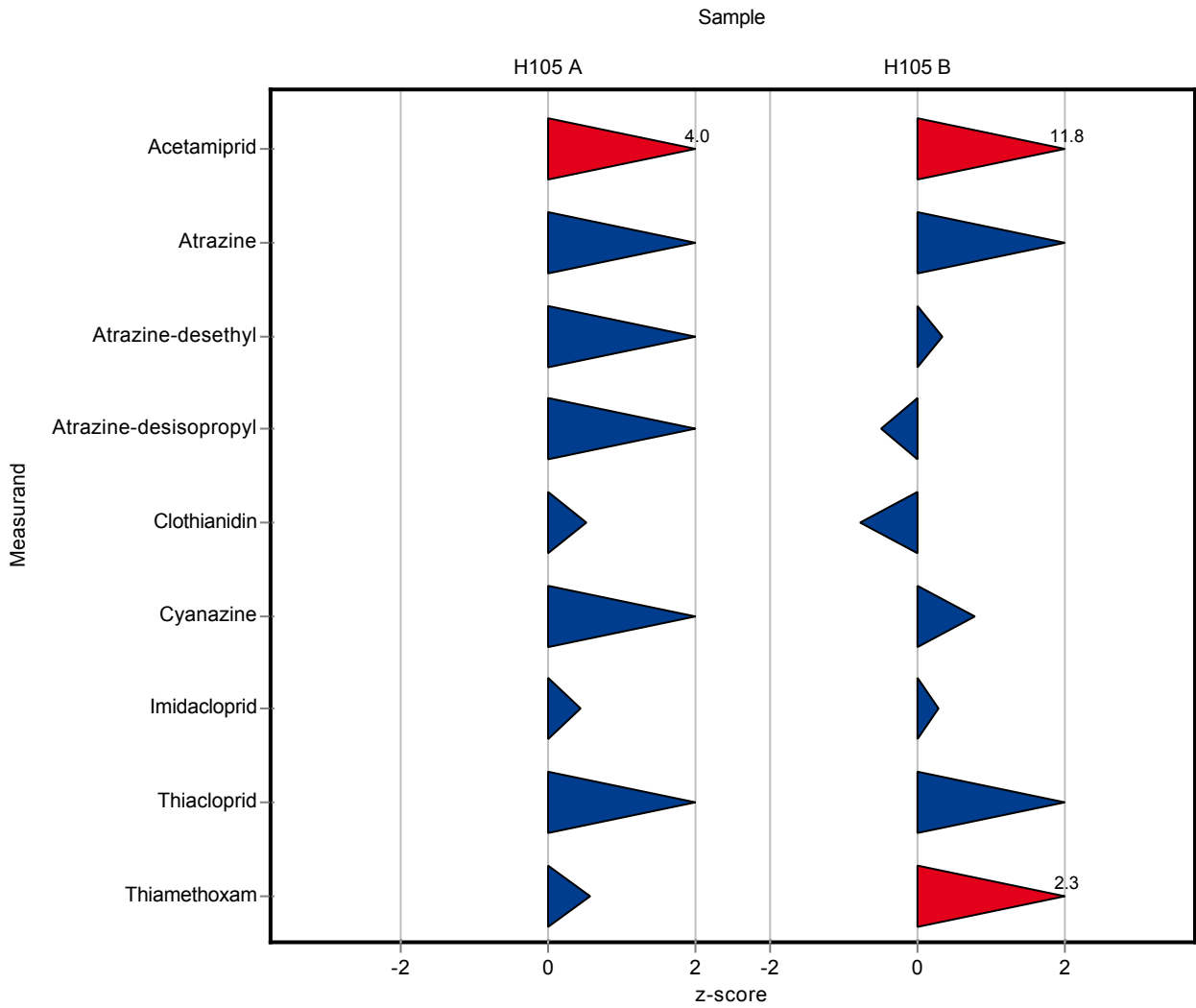
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.26 ± 0.005	0.017	136	4.03
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.084 ± 0.001	0.00736	114	1.41
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.129 ± 0.004	0.0126	122	1.87
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.128 ± 0.006	0.0142	117	1.32
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	0.192 ± 0.003	0.025	107	0.53
Cyanazine	µg/l	0.229 ± 0.0176	0.261 ± 0.003	0.0297	114	1.09
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	0.139 ± 0.004	0.0208	107	0.44
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	0.154 ± 0.002	0.0184	117	1.24
Thiamethoxam	µg/l	0.131 ± 0.015	0.142 ± 0.005	0.0197	108	0.56

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.864 ± 0.002	0.0279	161	11.80
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.287 ± 0.004	0.0247	116	1.63
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.623 ± 0.011	0.072	104	0.32
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.222 ± 0.01	0.0308	93.6	-0.49
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	0.296 ± 0.004	0.0465	89.2	-0.77
Cyanazine	µg/l	0.429 ± 0.0374	0.472 ± 0.002	0.0557	110	0.77
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	0.296 ± 0.015	0.0452	105	0.29
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	0.33 ± 0.002	0.0388	119	1.37
Thiamethoxam	µg/l	0.263 ± 0.0323	0.352 ± 0.007	0.0394	134	2.27



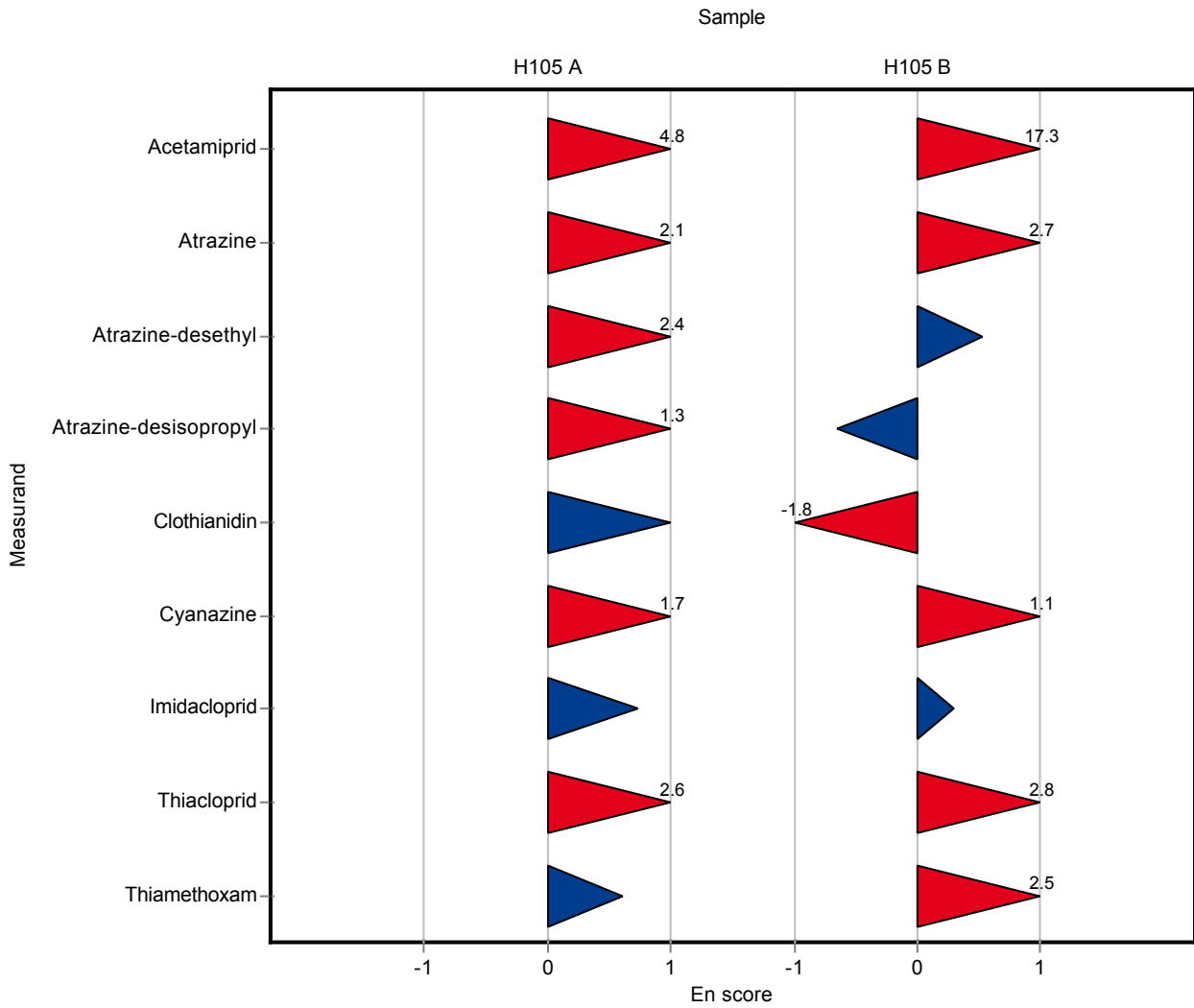
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.26 ± 0.005	0.017	136	4.79
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.084 ± 0.001	0.00736	114	2.12
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.129 ± 0.004	0.0126	122	2.45
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.128 ± 0.006	0.0142	117	1.35
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	0.192 ± 0.003	0.025	107	0.99
Cyanazine	µg/l	0.229 ± 0.0176	0.261 ± 0.003	0.0297	114	1.74
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	0.139 ± 0.004	0.0208	107	0.73
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	0.154 ± 0.002	0.0184	117	2.64
Thiamethoxam	µg/l	0.131 ± 0.015	0.142 ± 0.005	0.0197	108	0.61

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.864 ± 0.002	0.0279	161	17.30
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score	
Atrazine	µg/l	0.247 ± 0.0125	0.287 ± 0.004	0.0247	116	2.70
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.623 ± 0.011	0.072	104	0.53
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.222 ± 0.01	0.0308	93.6	-0.66
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	0.296 ± 0.004	0.0465	89.2	-1.84
Cyanazine	µg/l	0.429 ± 0.0374	0.472 ± 0.002	0.0557	110	1.15
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	0.296 ± 0.015	0.0452	105	0.29
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	0.33 ± 0.002	0.0388	119	2.82
Thiamethoxam	µg/l	0.263 ± 0.0323	0.352 ± 0.007	0.0394	134	2.54



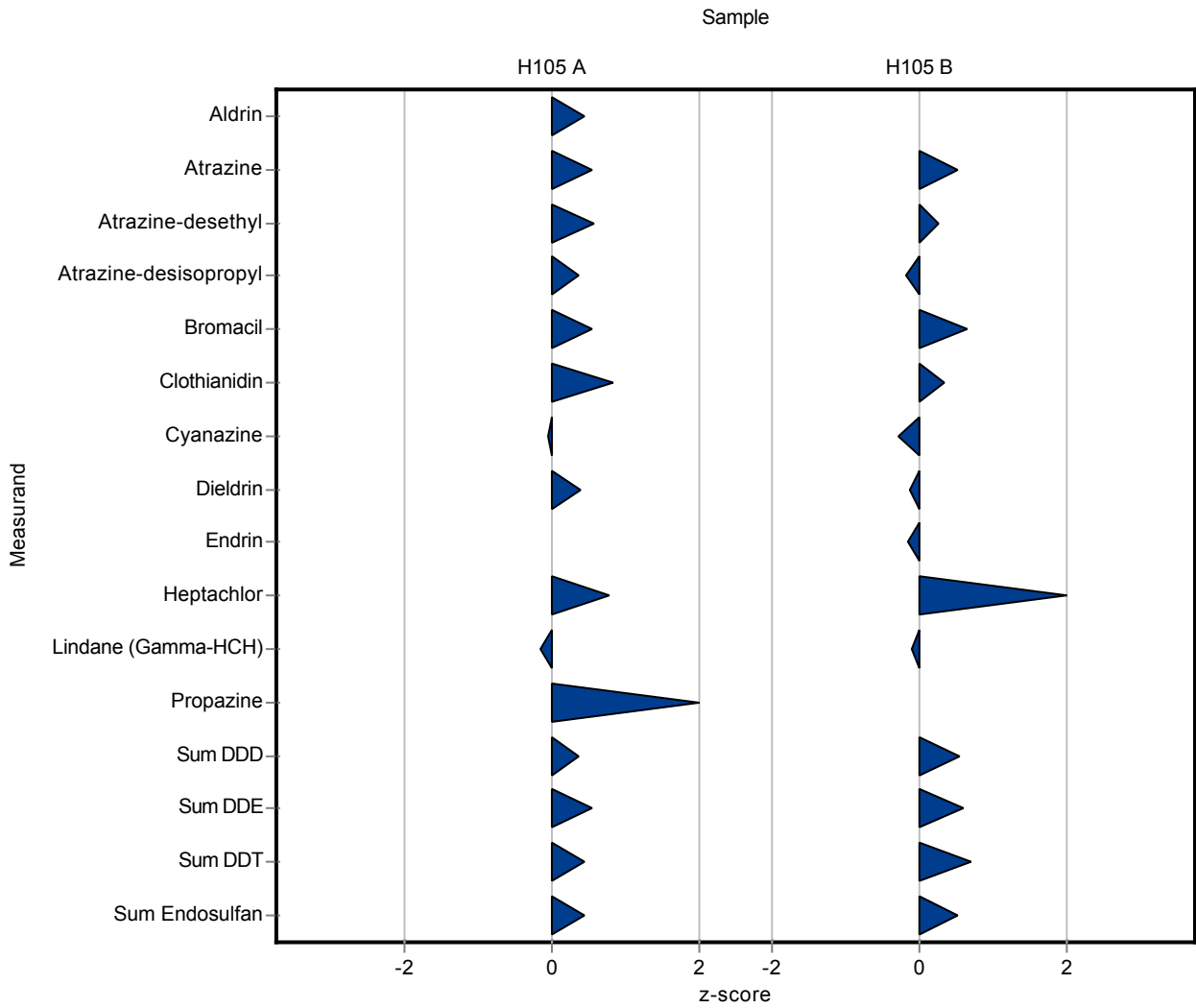
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.0774 ± 0.00482	0.028	119	0.44
Atrazine	µg/l	0.0736 ± 0.00446	0.0776 ± 0.01448	0.00736	105	0.54
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.1125 ± 0.01146	0.0126	107	0.56
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.1144 ± 0.01169	0.0142	105	0.36
Bromacil	µg/l	0.123 ± 0.00785	0.1313 ± 0.01514	0.016	107	0.53
Clothianidin	µg/l	0.179 ± 0.012	0.1997 ± 0.02909	0.025	112	0.84
Cyanazine	µg/l	0.229 ± 0.0176	0.227 ± 0.02429	0.0297	99.3	-0.05
Dieldrin	µg/l	0.272 ± 0.0277	0.291 ± 0.01943	0.05	107	0.39
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.13 ± 0.01388	0.0367	129	0.79
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.274 ± 0.02721	0.0596	96.5	-0.17
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	0.0616 ± 0.00442	0.00659	112	1.02
Sum Chlordane	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.325 ± 0.0241	0.0934	111	0.35
Sum DDE	µg/l	0.245 ± 0.071	0.297 ± 0.0207	0.0939	121	0.56
Sum DDT	µg/l	0.12 ± 0.0312	0.138 ± 0.0103	0.0418	115	0.44
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.326 ± 0.0208	0.111	118	0.45
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.2595 ± 0.04846	0.0247	105	0.51
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.6187 ± 0.06304	0.072	103	0.26
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.2315 ± 0.02366	0.0308	97.6	-0.18
Bromacil	µg/l	0.239 ± 0.0173	0.2596 ± 0.02993	0.0311	108	0.65
Clothianidin	µg/l	0.332 ± 0.0177	0.3474 ± 0.05062	0.0465	105	0.34
Cyanazine	µg/l	0.429 ± 0.0374	0.4132 ± 0.04421	0.0557	96.4	-0.28
Dieldrin	µg/l	0.626 ± 0.105	0.601 ± 0.04013	0.19	95.9	-0.13
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.325 ± 0.02319	0.0602	97.2	-0.15
Heptachlor	µg/l	0.207 ± 0.0501	0.287 ± 0.03073	0.0751	138	1.06
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.56 ± 0.05556	0.12	97.9	-0.10
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	<0.025 (LOQ) ± -	-	-	-
Sum Chlordane	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.658 ± 0.0488	0.241	125	0.55
Sum DDE	µg/l	0.412 ± 0.131	0.515 ± 0.0359	0.174	125	0.59
Sum DDT	µg/l	0.367 ± 0.109	0.47 ± 0.0351	0.144	128	0.71
Sum Endosulfan	µg/l	0.543 ± 0.144	0.656 ± 0.0419	0.217	121	0.52
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



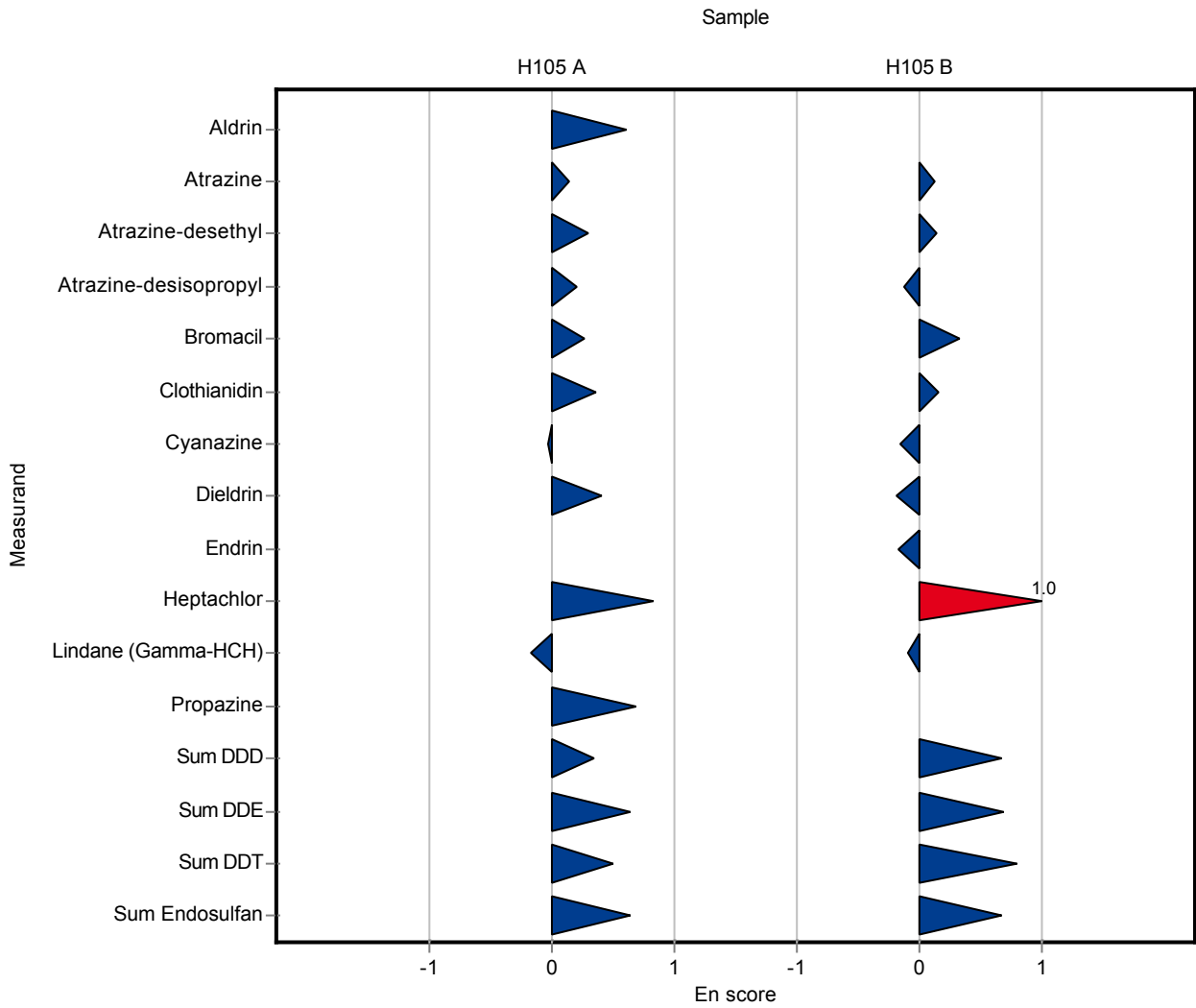
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.0774 ± 0.00482	0.028	119	0.61
Atrazine	µg/l	0.0736 ± 0.00446	0.0776 ± 0.01448	0.00736	105	0.14
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.1125 ± 0.01146	0.0126	107	0.30
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.1144 ± 0.01169	0.0142	105	0.21
Bromacil	µg/l	0.123 ± 0.00785	0.1313 ± 0.01514	0.016	107	0.27
Clothianidin	µg/l	0.179 ± 0.012	0.1997 ± 0.02909	0.025	112	0.35
Cyanazine	µg/l	0.229 ± 0.0176	0.227 ± 0.02429	0.0297	99.3	-0.03
Dieldrin	µg/l	0.272 ± 0.0277	0.291 ± 0.01943	0.05	107	0.40
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.13 ± 0.01388	0.0367	129	0.83
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.274 ± 0.02721	0.0596	96.5	-0.17
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	0.0616 ± 0.00442	0.00659	112	0.69
Sum Chlordane	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.325 ± 0.0241	0.0934	111	0.34
Sum DDE	µg/l	0.245 ± 0.071	0.297 ± 0.0207	0.0939	121	0.63
Sum DDT	µg/l	0.12 ± 0.0312	0.138 ± 0.0103	0.0418	115	0.49
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.326 ± 0.0208	0.111	118	0.64
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	<0.01 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]	
Atrazine	µg/l	0.247 ± 0.0125	0.2595 ± 0.04846	0.0247	105	0.13
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.6187 ± 0.06304	0.072	103	0.14
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.2315 ± 0.02366	0.0308	97.6	-0.12
Bromacil	µg/l	0.239 ± 0.0173	0.2596 ± 0.02993	0.0311	108	0.33
Clothianidin	µg/l	0.332 ± 0.0177	0.3474 ± 0.05062	0.0465	105	0.15
Cyanazine	µg/l	0.429 ± 0.0374	0.4132 ± 0.04421	0.0557	96.4	-0.16
Dieldrin	µg/l	0.626 ± 0.105	0.601 ± 0.04013	0.19	95.9	-0.19
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.325 ± 0.02319	0.0602	97.2	-0.17
Heptachlor	µg/l	0.207 ± 0.0501	0.287 ± 0.03073	0.0751	138	1.00
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.56 ± 0.05556	0.12	97.9	-0.10
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	<0.025 (LOQ) ± -	-	-	-
Sum Chlordane	µg/l	- ± -	<0.02 (LOQ) ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.658 ± 0.0488	0.241	125	0.67
Sum DDE	µg/l	0.412 ± 0.131	0.515 ± 0.0359	0.174	125	0.69
Sum DDT	µg/l	0.367 ± 0.109	0.47 ± 0.0351	0.144	128	0.79
Sum Endosulfan	µg/l	0.543 ± 0.144	0.656 ± 0.0419	0.217	121	0.68
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



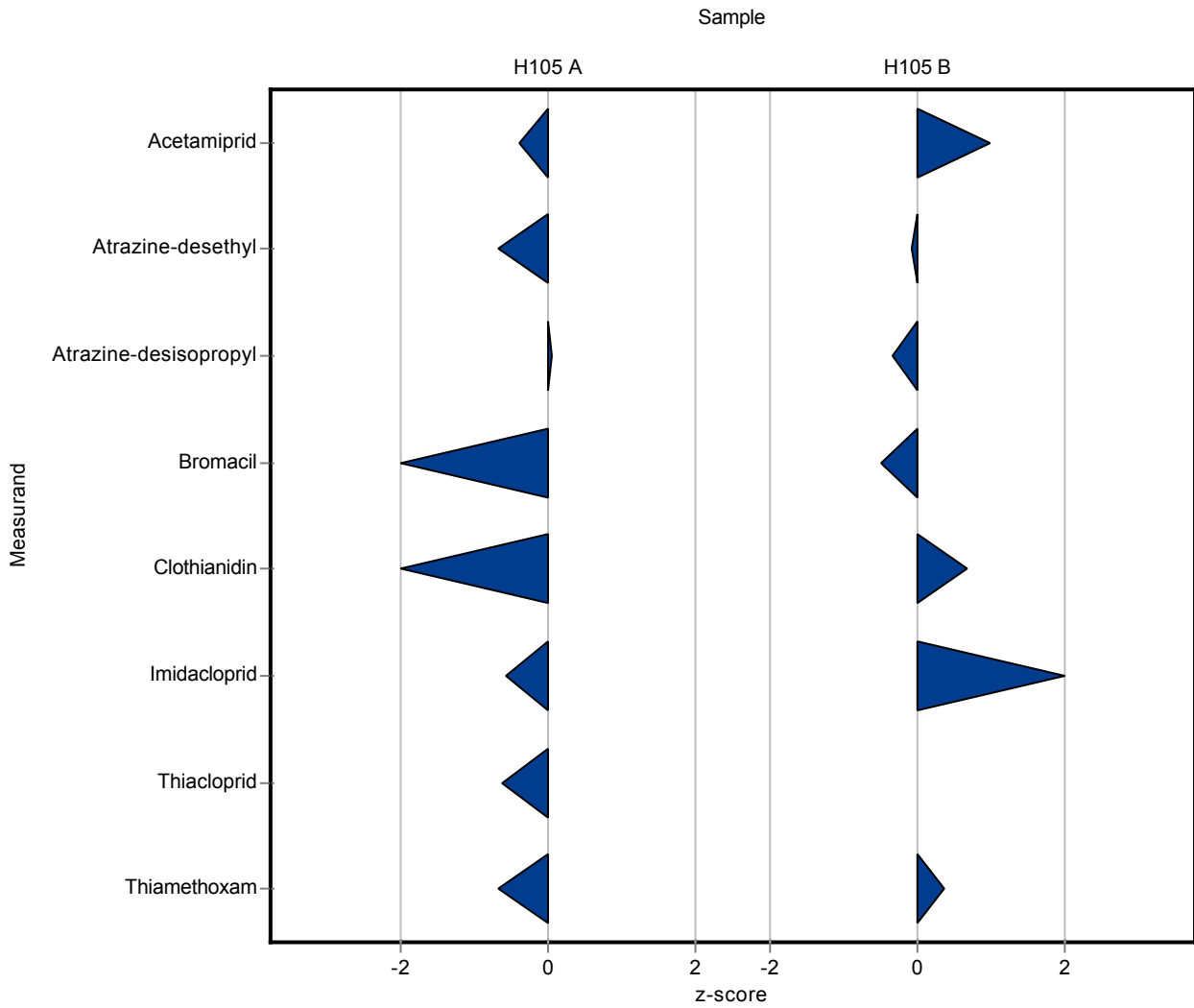
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.185 ± 0.078	0.017	96.6	-0.38
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	- ± -	0.00736	-	-
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.097 ± 0.043	0.0126	92	-0.66
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.11 ± 0.048	0.0142	101	0.05
Bromacil	µg/l	0.123 ± 0.00785	0.105 ± 0.046	0.016	85.5	-1.11
Clothianidin	µg/l	0.179 ± 0.012	0.149 ± 0.064	0.025	83.4	-1.19
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	0.118 ± 0.051	0.0208	90.8	-0.57
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	0.12 ± 0.052	0.0184	91.5	-0.61
Thiamethoxam	µg/l	0.131 ± 0.015	0.118 ± 0.051	0.0197	90.1	-0.66

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.563 ± 0.198	0.0279	105	0.97
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	- ± -	0.0247	-	-
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.593 ± 0.206	0.072	98.9	-0.09
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.227 ± 0.093	0.0308	95.7	-0.33
Bromacil	µg/l	0.239 ± 0.0173	0.224 ± 0.092	0.0311	93.6	-0.49
Clothianidin	µg/l	0.332 ± 0.0177	0.363 ± 0.139	0.0465	109	0.67
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	0.344 ± 0.133	0.0452	122	1.35
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	0.277 ± 0.111	0.0388	100	0.00
Thiamethoxam	µg/l	0.263 ± 0.0323	0.277 ± 0.111	0.0394	106	0.37



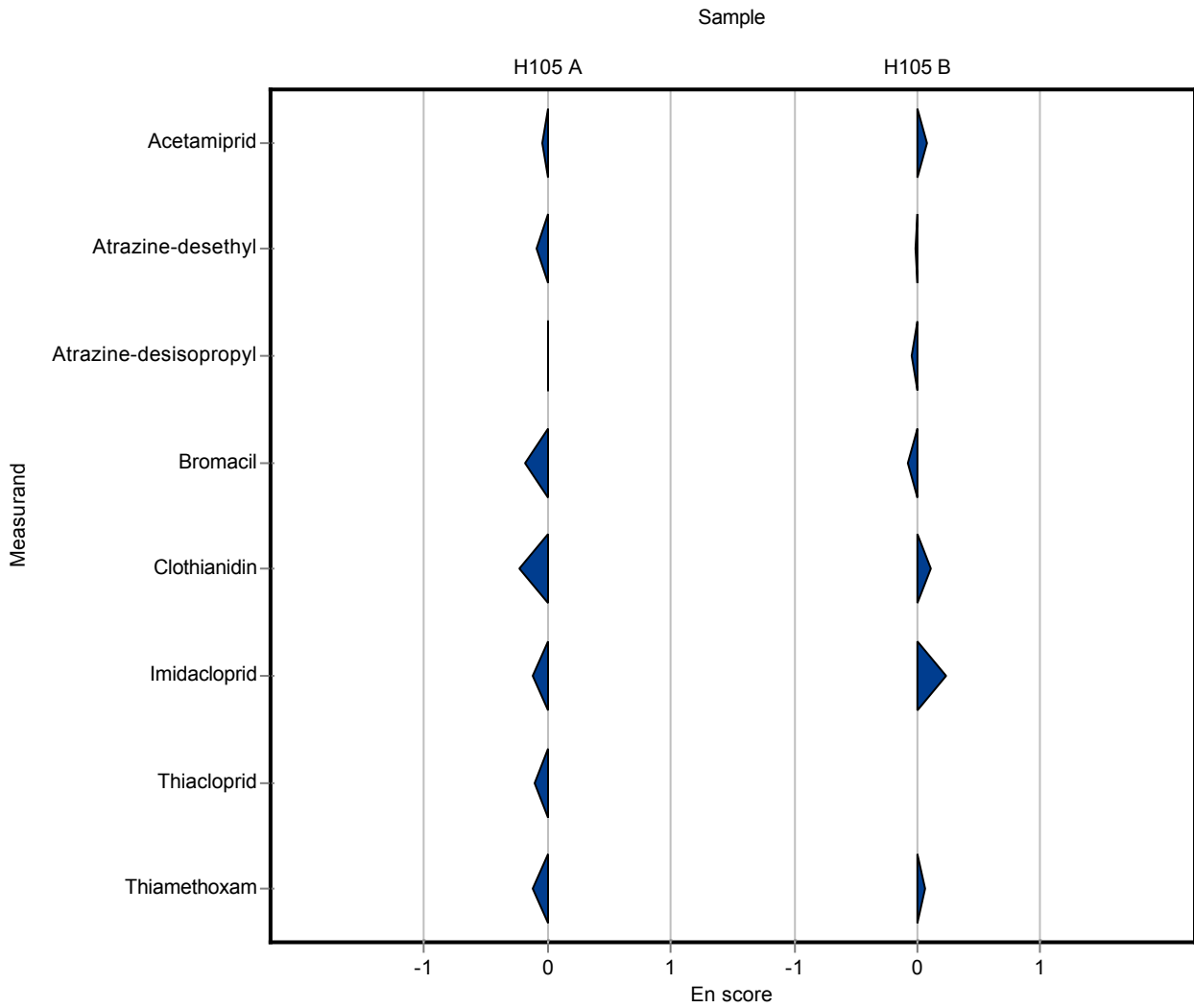
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.185 ± 0.078	0.017	96.6	-0.04
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	- ± -	0.00736	-	-
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.097 ± 0.043	0.0126	92	-0.10
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.11 ± 0.048	0.0142	101	0.01
Bromacil	µg/l	0.123 ± 0.00785	0.105 ± 0.046	0.016	85.5	-0.19
Clothianidin	µg/l	0.179 ± 0.012	0.149 ± 0.064	0.025	83.4	-0.23
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	0.118 ± 0.051	0.0208	90.8	-0.12
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	0.12 ± 0.052	0.0184	91.5	-0.11
Thiamethoxam	µg/l	0.131 ± 0.015	0.118 ± 0.051	0.0197	90.1	-0.13

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.563 ± 0.198	0.0279	105	0.07
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	0.247 ± 0.0125	- ± -	0.0247	-	-
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.593 ± 0.206	0.072	98.9	-0.02
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.227 ± 0.093	0.0308	95.7	-0.05
Bromacil	µg/l	0.239 ± 0.0173	0.224 ± 0.092	0.0311	93.6	-0.08
Clothianidin	µg/l	0.332 ± 0.0177	0.363 ± 0.139	0.0465	109	0.11
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	0.344 ± 0.133	0.0452	122	0.23
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	0.277 ± 0.111	0.0388	100	0.00
Thiamethoxam	µg/l	0.263 ± 0.0323	0.277 ± 0.111	0.0394	106	0.06



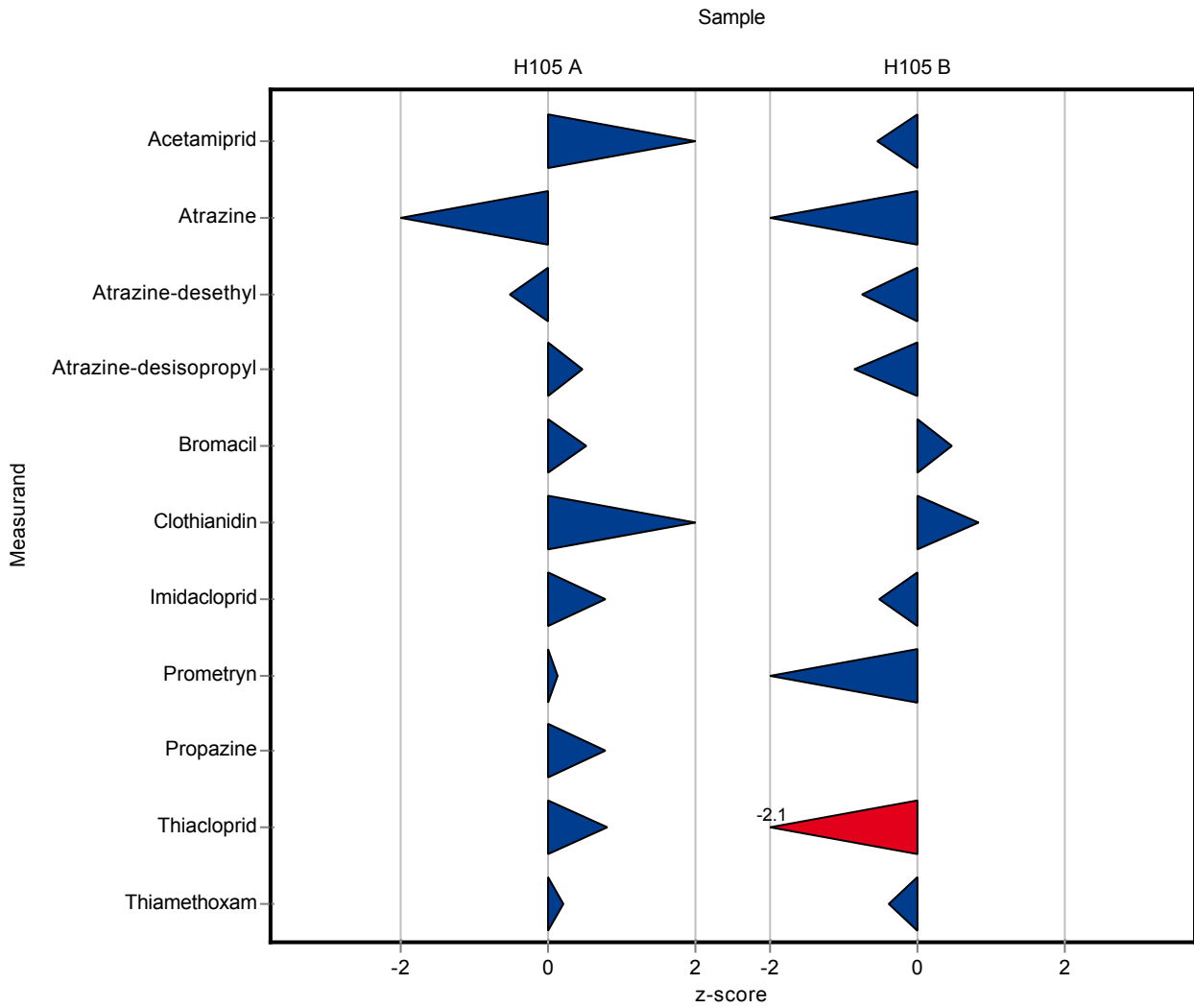
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.214 ± 0.036	0.017	112	1.33
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.066 ± 0.014	0.00736	89.7	-1.03
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.099 ± 0.014	0.0126	93.9	-0.51
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.116 ± 0.013	0.0142	106	0.47
Bromacil	µg/l	0.123 ± 0.00785	0.131 ± 0.028	0.016	107	0.52
Clothianidin	µg/l	0.179 ± 0.012	0.221 ± 0.066	0.025	124	1.69
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	0.146 ± 0.041	0.0208	112	0.77
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.191 ± 0.03	0.0225	102	0.14
Propazine	µg/l	0.0549 ± 0.00397	0.06 ± 0.011	0.00659	109	0.77
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	0.146 ± 0.035	0.0184	111	0.81
Thiamethoxam	µg/l	0.131 ± 0.015	0.135 ± 0.051	0.0197	103	0.20

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.521 ± 0.086	0.0279	97.2	-0.53
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.221 ± 0.048	0.0247	89.5	-1.05
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.545 ± 0.078	0.072	90.9	-0.76
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.211 ± 0.024	0.0308	88.9	-0.85
Bromacil	µg/l	0.239 ± 0.0173	0.254 ± 0.054	0.0311	106	0.47
Clothianidin	µg/l	0.332 ± 0.0177	0.37 ± 0.111	0.0465	112	0.82
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	-	-
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	0.259 ± 0.072	0.0452	91.6	-0.52
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.357 ± 0.056	0.0519	82.6	-1.45
Propazine	µg/l	- ± -	<0.025 (LOQ) ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	-	-
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	-	-
Thiacloprid	µg/l	0.277 ± 0.0183	0.194 ± 0.046	0.0388	70	-2.14
Thiamethoxam	µg/l	0.263 ± 0.0323	0.247 ± 0.094	0.0394	94.1	-0.40



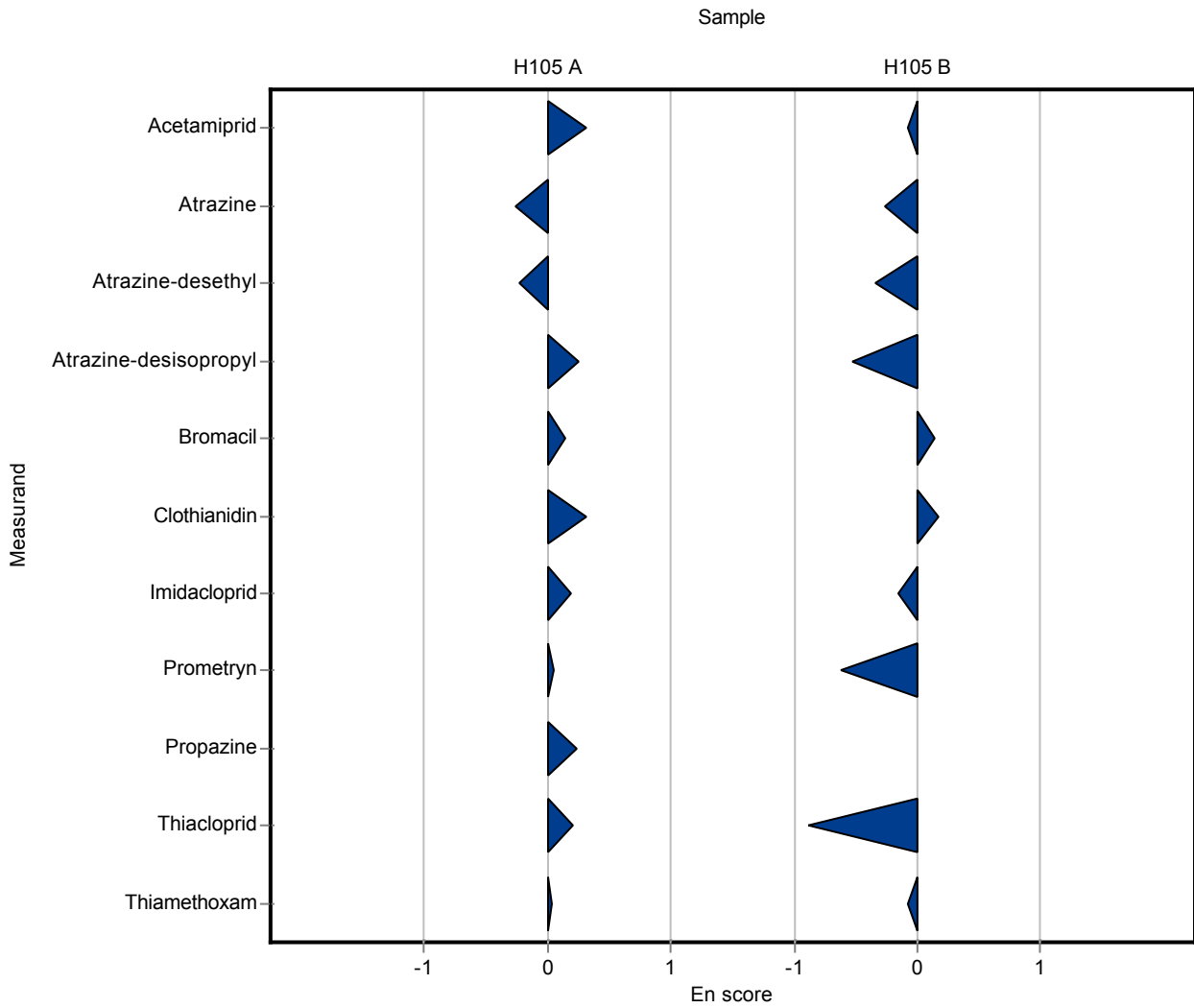
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.214 ± 0.036	0.017	112	0.31
Aldrin	µg/l	0.0651 ± 0.0176	- ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.066 ± 0.014	0.00736	89.7	-0.27
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.099 ± 0.014	0.0126	93.9	-0.22
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	0.116 ± 0.013	0.0142	106	0.25
Bromacil	µg/l	0.123 ± 0.00785	0.131 ± 0.028	0.016	107	0.14
Clothianidin	µg/l	0.179 ± 0.012	0.221 ± 0.066	0.025	124	0.32
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	- ± -	0.05	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	- ± -	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	- ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	0.146 ± 0.041	0.0208	112	0.20
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	- ± -	0.0596	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.191 ± 0.03	0.0225	102	0.05
Propazine	µg/l	0.0549 ± 0.00397	0.06 ± 0.011	0.00659	109	0.23
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	- ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	- ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	- ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	- ± -	0.111	-	-
Thiacloprid	µg/l	0.131 ± 0.00767	0.146 ± 0.035	0.0184	111	0.21
Thiamethoxam	µg/l	0.131 ± 0.015	0.135 ± 0.051	0.0197	103	0.04

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.521 ± 0.086	0.0279	97.2	-0.09
Aldrin	µg/l	- ± -	- ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]
Atrazine	µg/l	0.247 ± 0.0125	0.221 ± 0.048	0.0247	89.5 -0.27
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.545 ± 0.078	0.072	90.9 -0.34
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	0.211 ± 0.024	0.0308	88.9 -0.53
Bromacil	µg/l	0.239 ± 0.0173	0.254 ± 0.054	0.0311	106 0.13
Clothianidin	µg/l	0.332 ± 0.0177	0.37 ± 0.111	0.0465	112 0.17
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	- -
Dieldrin	µg/l	0.626 ± 0.105	- ± -	0.19	- -
Dinotefurane	µg/l	- ± -	- ± -	-	- -
Endrin	µg/l	0.334 ± 0.0264	- ± -	0.0602	- -
Heptachlor	µg/l	0.207 ± 0.0501	- ± -	0.0751	- -
Imidacloprid	µg/l	0.283 ± 0.0351	0.259 ± 0.072	0.0452	91.6 -0.16
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	- ± -	0.12	- -
Nitenpyram	µg/l	- ± -	- ± -	-	- -
Prometryn	µg/l	0.432 ± 0.046	0.357 ± 0.056	0.0519	82.6 -0.62
Propazine	µg/l	- ± -	<0.025 (LOQ) ± -	-	- -
Sum Chlordane	µg/l	- ± -	- ± -	-	- -
Sum DDD	µg/l	0.526 ± 0.171	- ± -	0.241	- -
Sum DDE	µg/l	0.412 ± 0.131	- ± -	0.174	- -
Sum DDT	µg/l	0.367 ± 0.109	- ± -	0.144	- -
Sum Endosulfan	µg/l	0.543 ± 0.144	- ± -	0.217	- -
Thiacloprid	µg/l	0.277 ± 0.0183	0.194 ± 0.046	0.0388	70 -0.89
Thiamethoxam	µg/l	0.263 ± 0.0323	0.247 ± 0.094	0.0394	94.1 -0.08



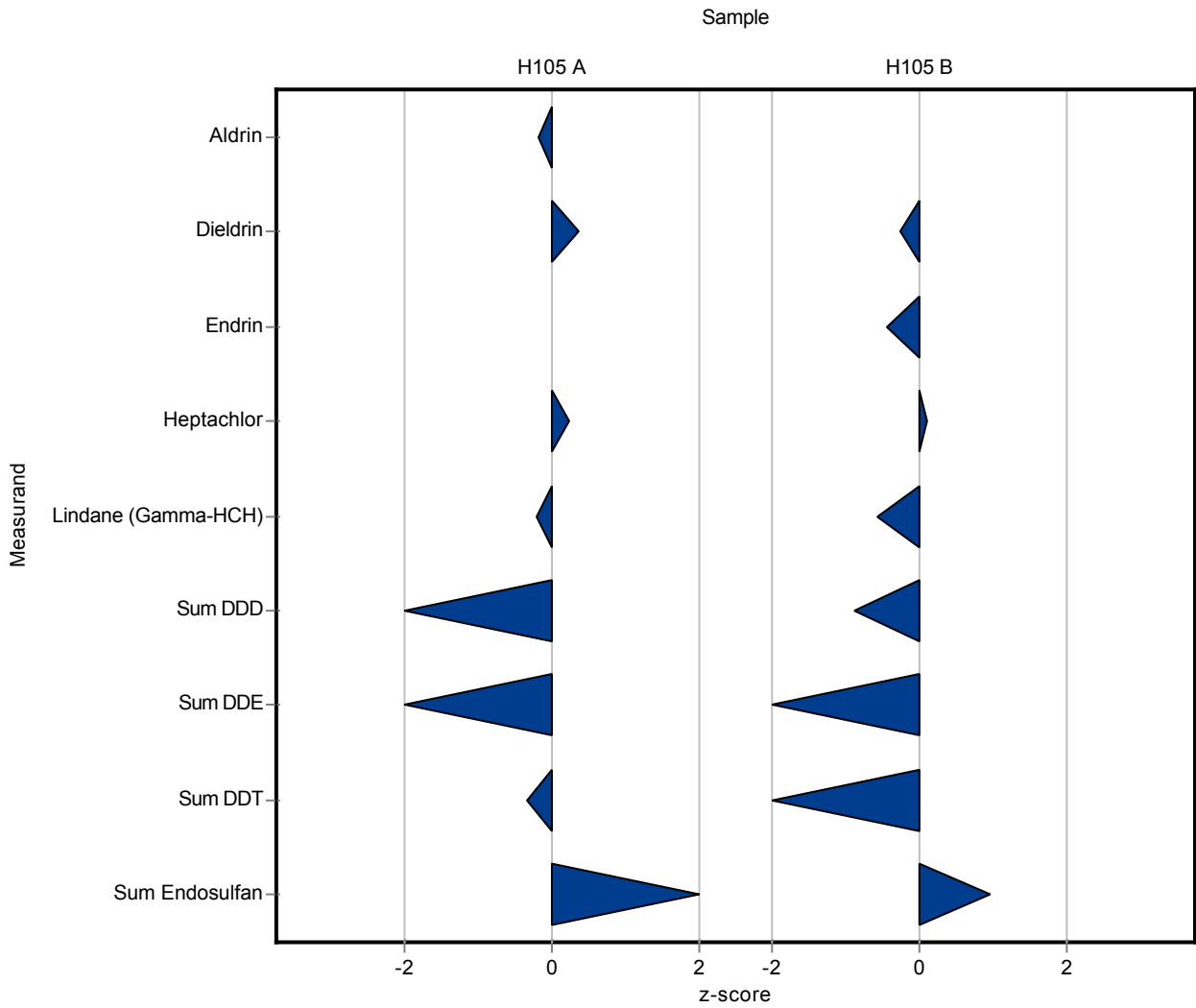
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.06 ± 0.015	0.028	92.1	-0.18
Atrazine	µg/l	0.0736 ± 0.00446	- ± -	0.00736	-	-
Atrazine-desethyl	µg/l	0.105 ± 0.00538	- ± -	0.0126	-	-
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	0.29 ± 0.015	0.05	107	0.36
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	0.001 ± 0.015	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.11 ± 0.015	0.0367	109	0.24
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.271 ± 0.015	0.0596	95.5	-0.21
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.154 ± 0.015	0.0934	52.7	-1.48
Sum DDE	µg/l	0.245 ± 0.071	0.092 ± 0.015	0.0939	37.6	-1.63
Sum DDT	µg/l	0.12 ± 0.0312	0.105 ± 0.015	0.0418	87.9	-0.35
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.393 ± 0.015	0.111	142	1.06
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	0.001 ± 0.015	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	- ± -	0.0247	-	-
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	-	-
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	0.577 ± 0.015	0.19	92.1	-0.26
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.308 ± 0.015	0.0602	92.2	-0.44
Heptachlor	µg/l	0.207 ± 0.0501	0.216 ± 0.015	0.0751	104	0.11
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.504 ± 0.015	0.12	88.2	-0.56
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.311 ± 0.015	0.241	59.1	-0.89
Sum DDE	µg/l	0.412 ± 0.131	0.17 ± 0.015	0.174	41.3	-1.39
Sum DDT	µg/l	0.367 ± 0.109	0.198 ± 0.015	0.144	53.9	-1.18
Sum Endosulfan	µg/l	0.543 ± 0.144	0.75 ± 0.015	0.217	138	0.95
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



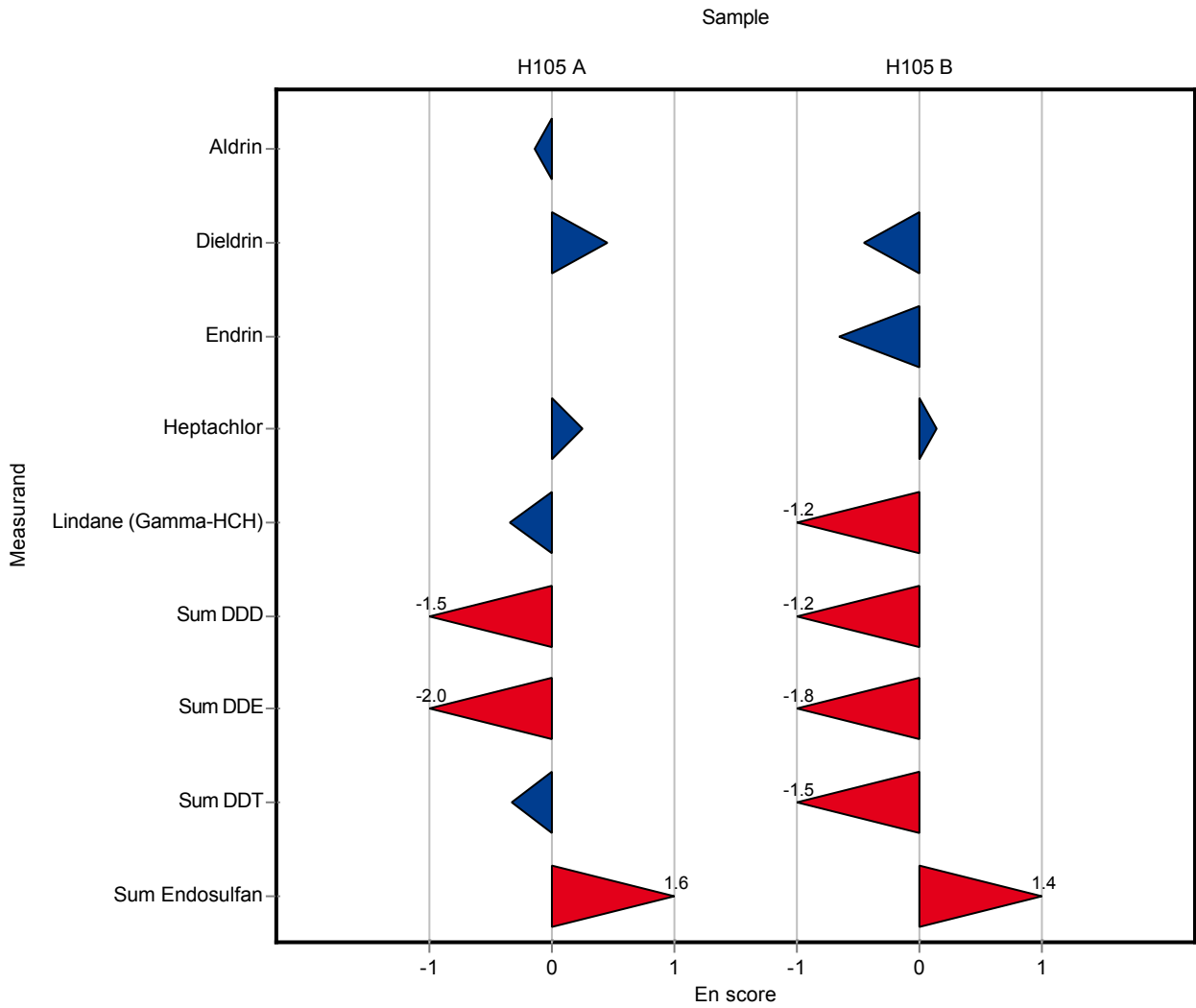
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	- ± -	0.017	-	-
Aldrin	µg/l	0.0651 ± 0.0176	0.06 ± 0.015	0.028	92.1	-0.15
Atrazine	µg/l	0.0736 ± 0.00446	- ± -	0.00736	-	-
Atrazine-desethyl	µg/l	0.105 ± 0.00538	- ± -	0.0126	-	-
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	- ± -	0.016	-	-
Clothianidin	µg/l	0.179 ± 0.012	- ± -	0.025	-	-
Cyanazine	µg/l	0.229 ± 0.0176	- ± -	0.0297	-	-
Dieldrin	µg/l	0.272 ± 0.0277	0.29 ± 0.015	0.05	107	0.45
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	0.001 ± 0.015	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	0.11 ± 0.015	0.0367	109	0.24
Imidacloprid	µg/l	0.13 ± 0.00945	- ± -	0.0208	-	-
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.271 ± 0.015	0.0596	95.5	-0.34
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	- ± -	0.0225	-	-
Propazine	µg/l	0.0549 ± 0.00397	- ± -	0.00659	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	0.154 ± 0.015	0.0934	52.7	-1.53
Sum DDE	µg/l	0.245 ± 0.071	0.092 ± 0.015	0.0939	37.6	-1.98
Sum DDT	µg/l	0.12 ± 0.0312	0.105 ± 0.015	0.0418	87.9	-0.34
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.393 ± 0.015	0.111	142	1.62
Thiacloprid	µg/l	0.131 ± 0.00767	- ± -	0.0184	-	-
Thiamethoxam	µg/l	0.131 ± 0.015	- ± -	0.0197	-	-

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	- ± -	0.0279	-	-
Aldrin	µg/l	- ± -	0.001 ± 0.015	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	0.247 ± 0.0125	- ± -	0.0247	-	-
Atrazine-desethyl	µg/l	0.6 ± 0.0378	- ± -	0.072	-	-
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-	-
Bromacil	µg/l	0.239 ± 0.0173	- ± -	0.0311	-	-
Clothianidin	µg/l	0.332 ± 0.0177	- ± -	0.0465	-	-
Cyanazine	µg/l	0.429 ± 0.0374	- ± -	0.0557	-	-
Dieldrin	µg/l	0.626 ± 0.105	0.577 ± 0.015	0.19	92.1	-0.45
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.308 ± 0.015	0.0602	92.2	-0.66
Heptachlor	µg/l	0.207 ± 0.0501	0.216 ± 0.015	0.0751	104	0.15
Imidacloprid	µg/l	0.283 ± 0.0351	- ± -	0.0452	-	-
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.504 ± 0.015	0.12	88.2	-1.19
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	- ± -	0.0519	-	-
Propazine	µg/l	- ± -	- ± -	-	-	-
Sum Chlordane	µg/l	- ± -	- ± -	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.311 ± 0.015	0.241	59.1	-1.24
Sum DDE	µg/l	0.412 ± 0.131	0.17 ± 0.015	0.174	41.3	-1.80
Sum DDT	µg/l	0.367 ± 0.109	0.198 ± 0.015	0.144	53.9	-1.50
Sum Endosulfan	µg/l	0.543 ± 0.144	0.75 ± 0.015	0.217	138	1.40
Thiacloprid	µg/l	0.277 ± 0.0183	- ± -	0.0388	-	-
Thiamethoxam	µg/l	0.263 ± 0.0323	- ± -	0.0394	-	-



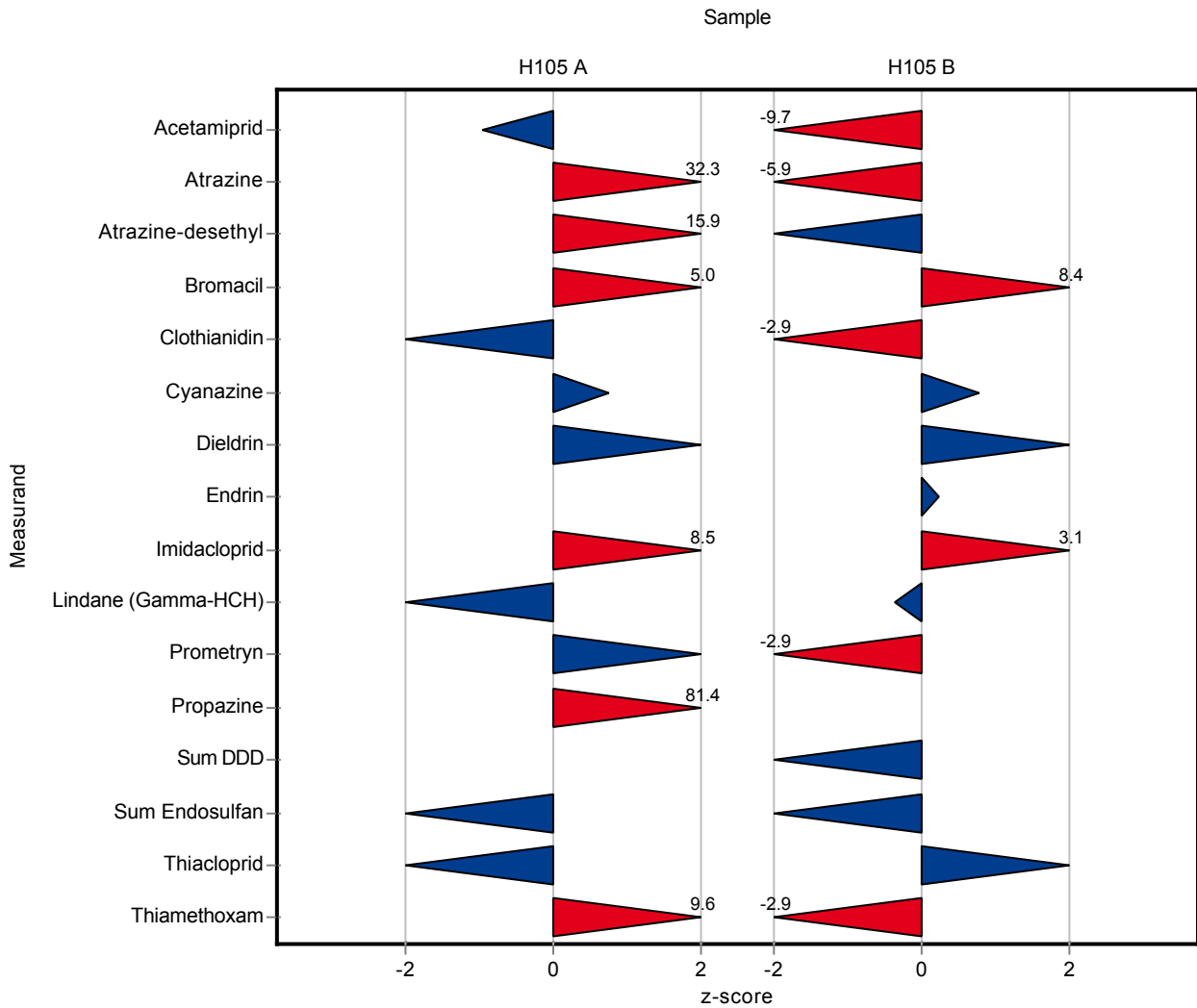
Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.175 ± 0.088	0.017	91.4	-0.97
Aldrin	µg/l	0.0651 ± 0.0176	<0.1 (LOQ) ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.311 ± 0.156	0.00736	422	32.30
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.307 ± 0.154	0.0126	291	15.90
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	0.202 ± 0.101	0.016	165	4.96
Clothianidin	µg/l	0.179 ± 0.012	0.153 ± 0.077	0.025	85.6	-1.03
Cyanazine	µg/l	0.229 ± 0.0176	0.251 ± 0.126	0.0297	110	0.76
Dieldrin	µg/l	0.272 ± 0.0277	0.33 ± 0.165	0.05	121	1.16
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	0.145 ± 0.073	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	<0.1 (LOQ) ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	0.306 ± 0.153	0.0208	236	8.47
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.218 ± 0.109	0.0596	76.8	-1.10
Nitenpyram	µg/l	- ± -	<0.1 (LOQ) ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.222 ± 0.111	0.0225	118	1.52
Propazine	µg/l	0.0549 ± 0.00397	0.591 ± 0.27	0.00659	1080	81.40
Sum Chlordane	µg/l	- ± -	0.193 ± 0.097	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	<0.1 (LOQ) ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	<0.1 (LOQ) ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	<0.1 (LOQ) ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.101 ± 0.05	0.111	36.6	-1.59
Thiacloprid	µg/l	0.131 ± 0.00767	0.11 ± 0.055	0.0184	83.8	-1.15
Thiamethoxam	µg/l	0.131 ± 0.015	0.319 ± 0.164	0.0197	244	9.57

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.266 ± 0.133	0.0279	49.6	-9.67
Aldrin	µg/l	- ± -	<0.1 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	0.247 ± 0.0125	0.1 ± 0.05	0.0247	40.5	-5.95
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.493 ± 0.247	0.072	82.2	-1.48
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	-	-
Bromacil	µg/l	0.239 ± 0.0173	0.5 ± 0.25	0.0311	209	8.37
Clothianidin	µg/l	0.332 ± 0.0177	0.197 ± 0.098	0.0465	59.4	-2.90
Cyanazine	µg/l	0.429 ± 0.0374	0.473 ± 0.236	0.0557	110	0.79
Dieldrin	µg/l	0.626 ± 0.105	0.972 ± 0.486	0.19	155	1.82
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.334 ± 0.0264	0.349 ± 0.174	0.0602	104	0.25
Heptachlor	µg/l	0.207 ± 0.0501	<0.1 (LOQ) ± -	0.0751	-	-
Imidacloprid	µg/l	0.283 ± 0.0351	0.421 ± 0.21	0.0452	149	3.06
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.528 ± 0.264	0.12	92.4	-0.36
Nitenpyram	µg/l	- ± -	<0.1 (LOQ) ± -	-	-	-
Prometryn	µg/l	0.432 ± 0.046	0.283 ± 0.142	0.0519	65.5	-2.88
Propazine	µg/l	- ± -	0.464 ± 0.231	-	-	-
Sum Chlordane	µg/l	- ± -	0.384 ± 0.192	-	-	-
Sum DDD	µg/l	0.526 ± 0.171	0.162 ± 0.081	0.241	30.8	-1.51
Sum DDE	µg/l	0.412 ± 0.131	<0.1 (LOQ) ± -	0.174	-	-
Sum DDT	µg/l	0.367 ± 0.109	<0.1 (LOQ) ± -	0.144	-	-
Sum Endosulfan	µg/l	0.543 ± 0.144	0.236 ± 0.118	0.217	43.5	-1.41
Thiacloprid	µg/l	0.277 ± 0.0183	0.333 ± 0.167	0.0388	120	1.44
Thiamethoxam	µg/l	0.263 ± 0.0323	0.149 ± 0.075	0.0394	56.8	-2.88



Sample: H105A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.191 ± 0.0102	0.175 ± 0.088	0.017	91.4	-0.09
Aldrin	µg/l	0.0651 ± 0.0176	<0.1 (LOQ) ± -	0.028	-	-
Atrazine	µg/l	0.0736 ± 0.00446	0.311 ± 0.156	0.00736	422	0.76
Atrazine-desethyl	µg/l	0.105 ± 0.00538	0.307 ± 0.154	0.0126	291	0.65
Atrazine-desisopropyl	µg/l	0.109 ± 0.00703	- ± -	0.0142	-	-
Bromacil	µg/l	0.123 ± 0.00785	0.202 ± 0.101	0.016	165	0.39
Clothianidin	µg/l	0.179 ± 0.012	0.153 ± 0.077	0.025	85.6	-0.17
Cyanazine	µg/l	0.229 ± 0.0176	0.251 ± 0.126	0.0297	110	0.09
Dieldrin	µg/l	0.272 ± 0.0277	0.33 ± 0.165	0.05	121	0.18
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	- ± -	0.145 ± 0.073	-	-	-
Heptachlor	µg/l	0.101 ± 0.0212	<0.1 (LOQ) ± -	0.0367	-	-
Imidacloprid	µg/l	0.13 ± 0.00945	0.306 ± 0.153	0.0208	236	0.57
Lindane (Gamma-HCH)	µg/l	0.284 ± 0.0232	0.218 ± 0.109	0.0596	76.8	-0.30
Nitenpyram	µg/l	- ± -	<0.1 (LOQ) ± -	-	-	-
Prometryn	µg/l	0.188 ± 0.0119	0.222 ± 0.111	0.0225	118	0.15
Propazine	µg/l	0.0549 ± 0.00397	0.591 ± 0.27	0.00659	1080	0.99
Sum Chlordane	µg/l	- ± -	0.193 ± 0.097	-	-	-
Sum DDD	µg/l	0.292 ± 0.0848	<0.1 (LOQ) ± -	0.0934	-	-
Sum DDE	µg/l	0.245 ± 0.071	<0.1 (LOQ) ± -	0.0939	-	-
Sum DDT	µg/l	0.12 ± 0.0312	<0.1 (LOQ) ± -	0.0418	-	-
Sum Endosulfan	µg/l	0.276 ± 0.0654	0.101 ± 0.05	0.111	36.6	-1.47
Thiacloprid	µg/l	0.131 ± 0.00767	0.11 ± 0.055	0.0184	83.8	-0.19
Thiamethoxam	µg/l	0.131 ± 0.015	0.319 ± 0.164	0.0197	244	0.57

Sample: H105B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.536 ± 0.0186	0.266 ± 0.133	0.0279	49.6	-1.01
Aldrin	µg/l	- ± -	<0.1 (LOQ) ± -	-	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score [%]
Atrazine	µg/l	0.247 ± 0.0125	0.1 ± 0.05	0.0247	40.5 -1.46
Atrazine-desethyl	µg/l	0.6 ± 0.0378	0.493 ± 0.247	0.072	82.2 -0.21
Atrazine-desisopropyl	µg/l	0.237 ± 0.0116	- ± -	0.0308	- -
Bromacil	µg/l	0.239 ± 0.0173	0.5 ± 0.25	0.0311	209 0.52
Clothianidin	µg/l	0.332 ± 0.0177	0.197 ± 0.098	0.0465	59.4 -0.69
Cyanazine	µg/l	0.429 ± 0.0374	0.473 ± 0.236	0.0557	110 0.09
Dieldrin	µg/l	0.626 ± 0.105	0.972 ± 0.486	0.19	155 0.35
Dinotefurane	µg/l	- ± -	- ± -	-	- -
Endrin	µg/l	0.334 ± 0.0264	0.349 ± 0.174	0.0602	104 0.04
Heptachlor	µg/l	0.207 ± 0.0501	<0.1 (LOQ) ± -	0.0751	- -
Imidacloprid	µg/l	0.283 ± 0.0351	0.421 ± 0.21	0.0452	149 0.33
Lindane (Gamma-HCH)	µg/l	0.572 ± 0.0481	0.528 ± 0.264	0.12	92.4 -0.08
Nitenpyram	µg/l	- ± -	<0.1 (LOQ) ± -	-	- -
Prometryn	µg/l	0.432 ± 0.046	0.283 ± 0.142	0.0519	65.5 -0.52
Propazine	µg/l	- ± -	0.464 ± 0.231	-	- -
Sum Chlordane	µg/l	- ± -	0.384 ± 0.192	-	- -
Sum DDD	µg/l	0.526 ± 0.171	0.162 ± 0.081	0.241	30.8 -1.55
Sum DDE	µg/l	0.412 ± 0.131	<0.1 (LOQ) ± -	0.174	- -
Sum DDT	µg/l	0.367 ± 0.109	<0.1 (LOQ) ± -	0.144	- -
Sum Endosulfan	µg/l	0.543 ± 0.144	0.236 ± 0.118	0.217	43.5 -1.11
Thiacloprid	µg/l	0.277 ± 0.0183	0.333 ± 0.167	0.0388	120 0.17
Thiamethoxam	µg/l	0.263 ± 0.0323	0.149 ± 0.075	0.0394	56.8 -0.74

