

Proficiency Testing Scheme für die Umweltanalytik

**AB17 Abfall nach der Deponie-VO
(Eluat Metalle)**

Proficiency Testing Scheme for Environmental Analysis

**AB17 Waste according to landfill directive
(eluate metals)**

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D1. Beschreibung des Ringversuchs

D1.1. Ausgestaltung und Durchführung

- Anzahl der Anmeldungen: 31
- Anzahl der übermittelten Datensätze: 31
- Probenversand: 01.09.2026
- Einsendeschluss der Daten: 29.09.2026

Die Ergebnisabgabe erfolgte auf elektronischem Weg mittels passwortgeschützter Online-Dateneingabe.

Beim Abschluss der Dateneingabe bestätigten die Teilnehmenden 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

Als Probenmaterial diente ein Abfalleluat, hergestellt aus MVA-Rostasche.

Das Probenmaterial umfasste:

- 2 Proben Eluat (AB17 und AB17HG)

Um homogene Probeneluate zu erzielen, wurde mit der Herstellung der Eluatmatrix gemäß ÖNORM EN 12457-4 L/S=10 l/kg TM bereits am 17.06.2026 begonnen und die Eluate über einen 0,45 µm Membranfilter filtriert (01.07.2026) und bis zur weiteren Vorbereitung im Labor gelagert.

Vor der Probenherstellung wurde die Eluatmatrix auf $4 \pm 3^\circ\text{C}$ gekühlt und am Abfülltag unter kontinuierlichem Rühren zusätzlich mit ausgewählten Substanzen dotiert.

Das Abfüllen der Proben erfolgte unter ständigem Rühren (Rührkessel). Die Stabilisierung erfolgte durch Zusatz von Salpetersäure (Probe AB17, final 1 % HNO_3) bzw. durch Zusatz von Salzsäure (Probe AB17HG, final 1 % HCl).

Die homogenen Prüfgegenstände wurden am 01.09.2026 verschickt.

Jedes teilnehmende Labor erhielt:

- 2 Proben zu je 100 ml, jeweils abgefüllt in 1 x 100 ml LDPE-Flaschen.

D1.3. Anweisungen für die Teilnehmenden

Aus Stabilitätsgründen wurde empfohlen bis spätestens 09.09.2029 mit den Analysen zu beginnen.

Den Teilnehmenden stand die Wahl der Analysenmethode bzw. der verwendeten Norm frei, welche mit ihrem Routineverfahren übereinstimmen sollte. Eine Übersicht der angewendeten Methoden findet sich unter E9.

D1.4. Kontrollanalytik zur Bewertung der Homogenität

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

Es wurden für die A- bzw. B-Probe jeweils $n=5$ Kontrollproben sowie $n=1$ undotierte Realprobe dem Labor zur Analyse übergeben. Alle Parameter wurden in der Prüfstelle am Umweltbundesamt (Prüfstelle für Umwelt-, GVO- & Treibstoffanalytik) zeitnah zum Probenversand analysiert.

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

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

D1.5. Trendtest zur Bewertung der Stabilität

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

Durch Darstellung der Ergebnisse der Teilnehmenden 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 29.09.2026 beim Veranstalter vorliegen. Später eingehende Werte wurden nicht berücksichtigt.

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

Nach Abschluss der Plausibilitätsprüfung, wurde der Ausreißertest nach Hampel durchgeführt und die Ausreißer ermittelt. Die von diesem Test auffällig eingestufteten 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 gleicher 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 Expert:innenbefund). Diese Vorgangsweise wird nach Anwendung unter Punkt D4 des Berichts dokumentiert.

Die weitere Auswertung erfolgte gemäß ISO 5725-2. Eine statistische Auswertung der Ringversuchsdaten erfolgte erst ab zumindest $n=6$ 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. Die Prüfung auf Rückführbarkeit des zugewiesenen Wertes erfolgt durch Vergleich mit dem Mittelwert des Kontrolllabores.

Bei sehr hohen Streuungen der Ergebnisse der Teilnehmenden von über 50 % oder bei mangelhafter Rückführbarkeit der statistischen Kenndaten aus den ausreißerbereinigten Ergebnissen der Teilnehmenden auf den Mittelwert des Kontrolllabores bzw. einer zu geringen Anzahl an ausreißerbereinigten Ergebnissen über die Gruppe der akkreditierten Labore, kann die Situation auftreten, dass kein zugewiesener Wert für den aktuellen Ringversuch festgelegt werden kann und daher keine Bewertung der Ergebnisse der Teilnehmenden für diesen Parameter möglich ist.

Ein entsprechender Hinweis wird im Bericht unter E7 bei der informativen Auswertung angebracht. Im Rahmen der internen Qualitätssicherung der Teilnehmenden 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:

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

x_i	Messergebnis des teilnehmenden Labors
$\bar{X}$	zugewiesener Wert
	Sollwert für die Leistungsbewertung der Teilnehmenden (angegeben auf 3 signifikante Stellen); im Regelfall: ausreißerbereinigter Mittelwert der Ergebnisse der Teilnehmenden. Eine davon abweichende Vorgehensweise wird unter Punkt D4 des Berichts beschrieben.
<i>Kriterium</i>	Vergleichsstandardabweichung berechnet aus den ausreißerbereinigten Ergebnissen der Teilnehmenden (sR) des aktuellen Ringversuchs. 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 Proben erfolgen zusätzliche Bewertungen unter Einbeziehung der erweiterten Messunsicherheiten der Teilnehmenden und der erweiterten Messunsicherheit des zugewiesenen Wertes, gemäß E_n-Score. Diese Auswertungen werden für die Teilnehmenden im Bericht unter Punkt E8, jeweils im Anschluss an die z-Score Auswertung dargestellt.

Die Ermittlung der E_n-Scores erfolgte gemäß nachfolgender Formel:

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

x_i	Messergebnis des teilnehmenden Labors
$\bar{X}$	zugewiesener Wert
	Sollwert für die Leistungsbewertung der Teilnehmenden (angegeben auf 3 signifikante Stellen); im Regelfall: ausreißerbereinigter Mittelwert der Ergebnisse der Teilnehmenden. Eine davon abweichende Vorgehensweise wird unter Punkt D4 des Berichts beschrieben.
$U(x_i)$	erweiterte Messunsicherheit des Messergebnisses (Ergebnisse der Teilnehmenden), k=2
$U(\bar{X})$	erweiterte Messunsicherheit des zugewiesenen Wertes, k=2

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 Teilnehmenden 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 -Scores erfolgt die Berücksichtigung der erweiterten Messunsicherheiten der Teilnehmenden 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 Ergebnisse der Teilnehmenden 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 Ergebnisse der Teilnehmenden 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.

Parameter Arsen, Cobalt, Eisen, Blei, Nickel, Selen, Silber, Vanadium und Zink bei Probe AB17: Bei diesen Parametern erfolgt die Berechnung der Scores nach D2.

Parameter Barium und Zinn bei Probe AB17 und Parameter Quecksilber Probe AB17HG: Die auf Basis der Ergebnisse der Teilnehmenden 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 Teilnehmenden berechnet. Als Kriterium wurde jeweils die relative Vergleichsstandardabweichung der ausreißerbereinigten Laborergebnisse herangezogen (auf 2 signifikante Stellen gerundet).

Parameter Aluminium, Antimon, Bor, Chrom, Kupfer und Molybdän bei Probe AB17: Für diese Parameter wurden relative Vergleichsstandardabweichungen (vR) von 10 % für die Bewertung gewählt.

Parameter Cadmium bei Probe AB17:

Die relative Vergleichsstandardabweichung lag hier über 50 %. Für diesen Parameter empfehlen wir einen Vergleich mit den in D6.1 angeführten informativen Werten (Mittelwert über akkreditierte Labore bzw. Mittelwert Kontrolllabor).

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)

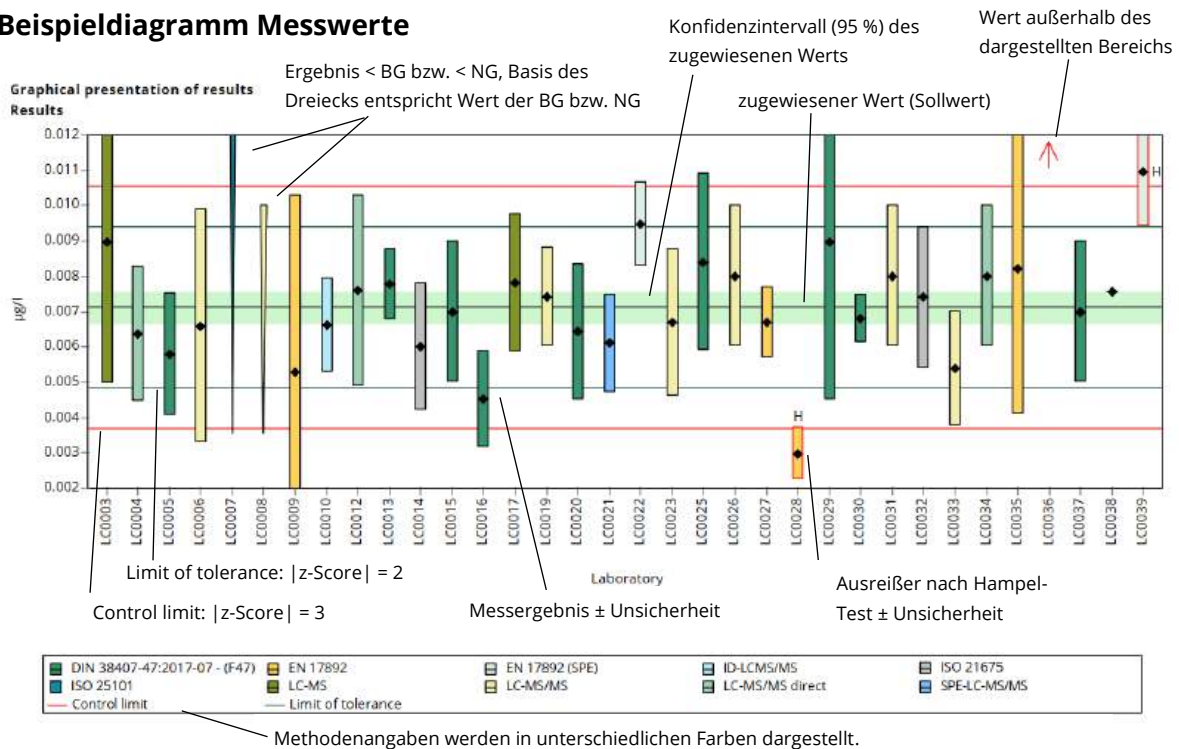
Zugewiesener Wert	Sollwert für die Leistungsbewertung der Teilnehmenden (angegeben auf 3 signifikante Stellen)
U (k=2)	erweiterte Unsicherheit (k=2) des zugewiesenen Wertes, (angegeben auf 3 signifikante Stellen)
Kriterium	Vorgabewert zur Ermittlung des z-Scores in der angegebenen Einheit (angegeben 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 Ergebnisse der Teilnehmenden (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 Ergebnissen der Teilnehmenden des aktuellen Ringversuchs (angegeben auf 3 signifikante Stellen)
vR	relative Vergleichsstandardabweichung in %, berechnet aus den ausreißerbereinigten Ergebnissen der Teilnehmenden des aktuellen Ringversuchs bezogen auf den Mittelwert (angegeben auf 2 signifikante Stellen)
Kontrollwert ± U (k=2)	Mittelwert der Kontrollmessungen des Veranstalters ± erweiterte Ergebnisunsicherheit des Kontrollwertes (jeweils angegeben auf 3 signifikante Stellen)
Laborcode	anonymisierte, eindeutige Kennung des teilnehmenden Labors im jeweiligen Ringversuch
Messwert	einzelne(r) Messwert(e) lt. Angabe der Teilnehmenden (maximal 5 Nachkommastellen dargestellt)
Messergebnis	Für die Bewertung herangezogenes Ergebnis lt. Angabe der Teilnehmenden (maximal 5 Nachkommastellen dargestellt). Bei Eignungsprüfungsrunden mit Vorgabe von unabhängigen Mehrfachbestimmungen, entspricht dies dem berechneten Mittelwert aus den einzelnen Messwerten der Teilnehmenden.
± U	kombinierte Messunsicherheit ohne Erweiterungsfaktor (k=1) lt. Angabe der Teilnehmenden (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 Teilnehmenden (angegeben auf 3 signifikante Stellen, dargestellt maximal 2 Nachkommastellen). Beim E _n -Score erfolgt die Berücksichtigung der Messunsicherheit der Teilnehmenden.
-	Keine Daten übermittelt bzw. keine Berechnung möglich
Anmerkungen	Anmerkungen zum jeweiligen Messergebnis (z.B. H, FN, FP)
H	Ausreißer nach dem Hampel-Test
FN	Falsch negativ – Messergebnis kleiner Bestimmungs- bzw. Nachweisgrenze dessen Betrag die Bedingungen eines Ausreißers nach dem Hampeltest erfüllt.
FP	Falsch positiv – Falls aufgrund des geringen Analytgehalts kein zugewiesener Wert ermittelt werden kann ($n < 6$), wird der Median der Beträge der übermittelten Nachweis- bzw. Bestimmungsgrenzen ermittelt. Als falsch positiv wird ein Messergebnis bewertet, welches diesen Median um mehr als 100 % übersteigt.
2SD	2fache Standardabweichung, berechnet aus den Ergebnissen der akkreditierten Teilnehmenden ohne Hampelausreißer
Standardabweichung	Vergleichsstandardabweichung berechnet aus den Ergebnissen der Teilnehmenden des aktuellen Ringversuchs (angegeben auf 3 signifikante Stellen)
rel. Standardabweichung	relative Vergleichsstandardabweichung in %, berechnet aus den Ergebnissen der Teilnehmenden des aktuellen Ringversuchs bezogen auf den Mittelwert (angegeben auf 3 signifikante Stellen)
n	Anzahl der Messergebnisse
*	Kennzeichnung für Hinweise zur Erläuterung

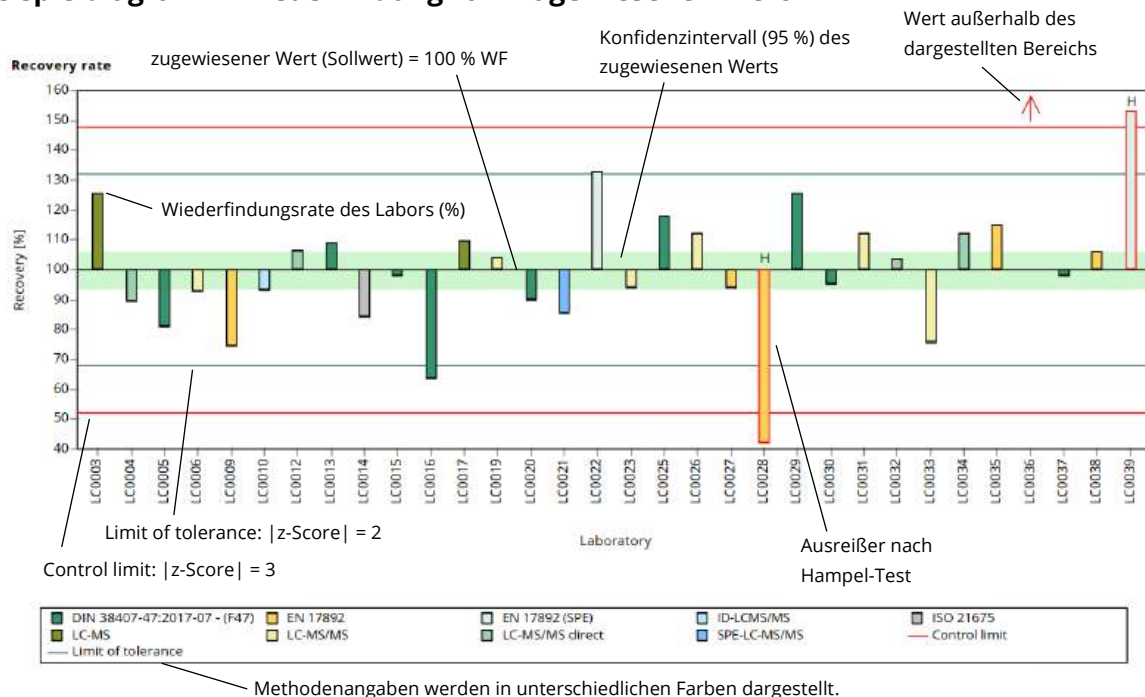
D5.2. Graphische Darstellung der Ergebnisse

Nachfolgend wird die graphische Darstellung anhand von kommentierten Beispieldiagrammen erläutert.

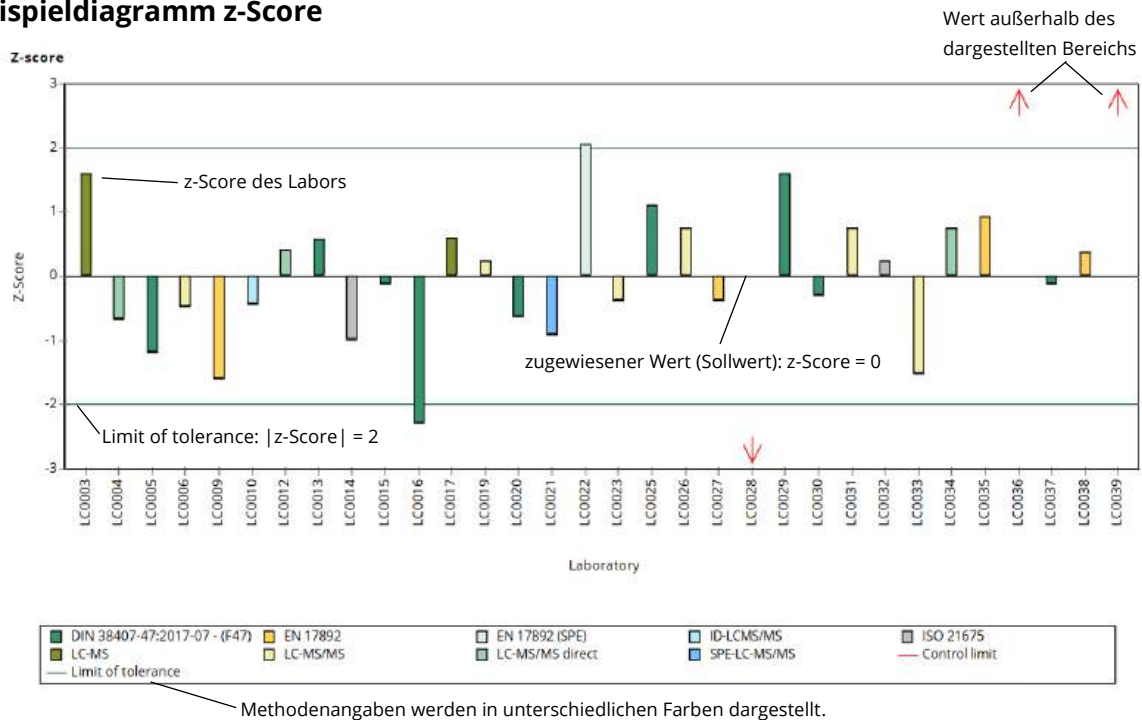
Beispieldiagramm Messwerte



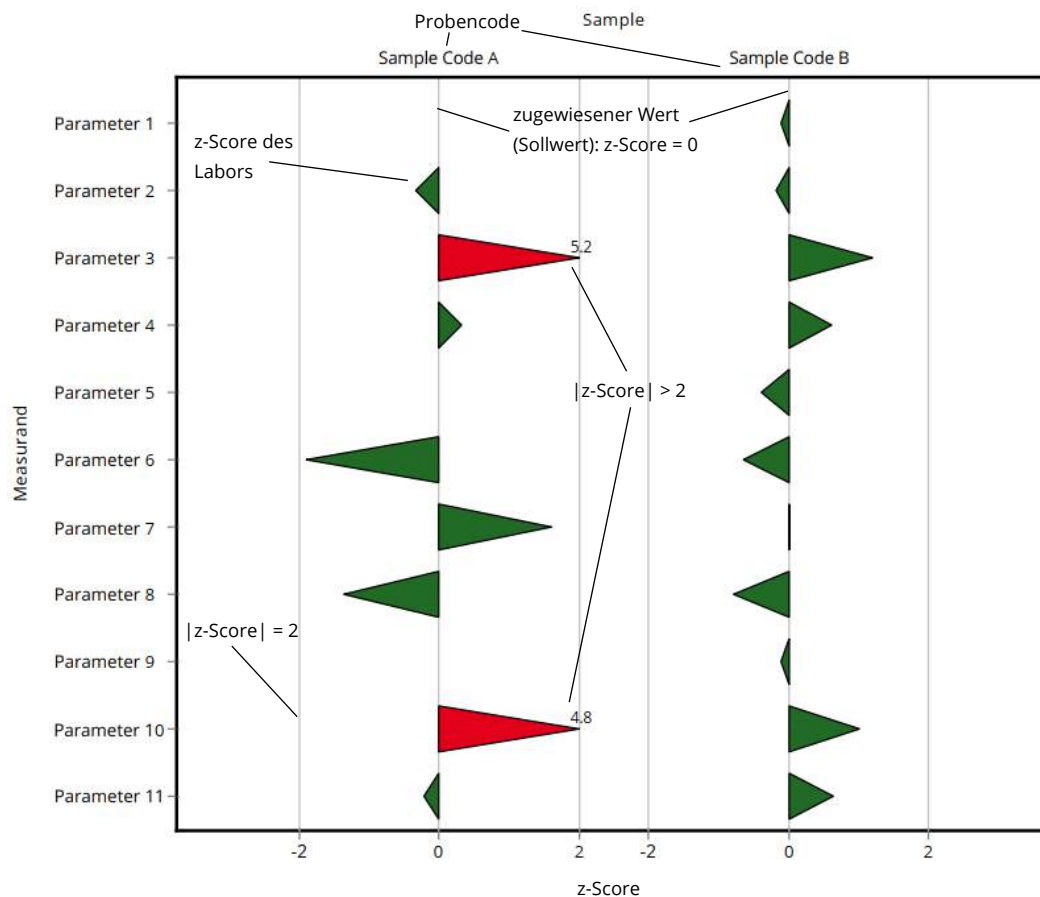
Beispieldiagramm Wiederfindung zum zugewiesenen Wert



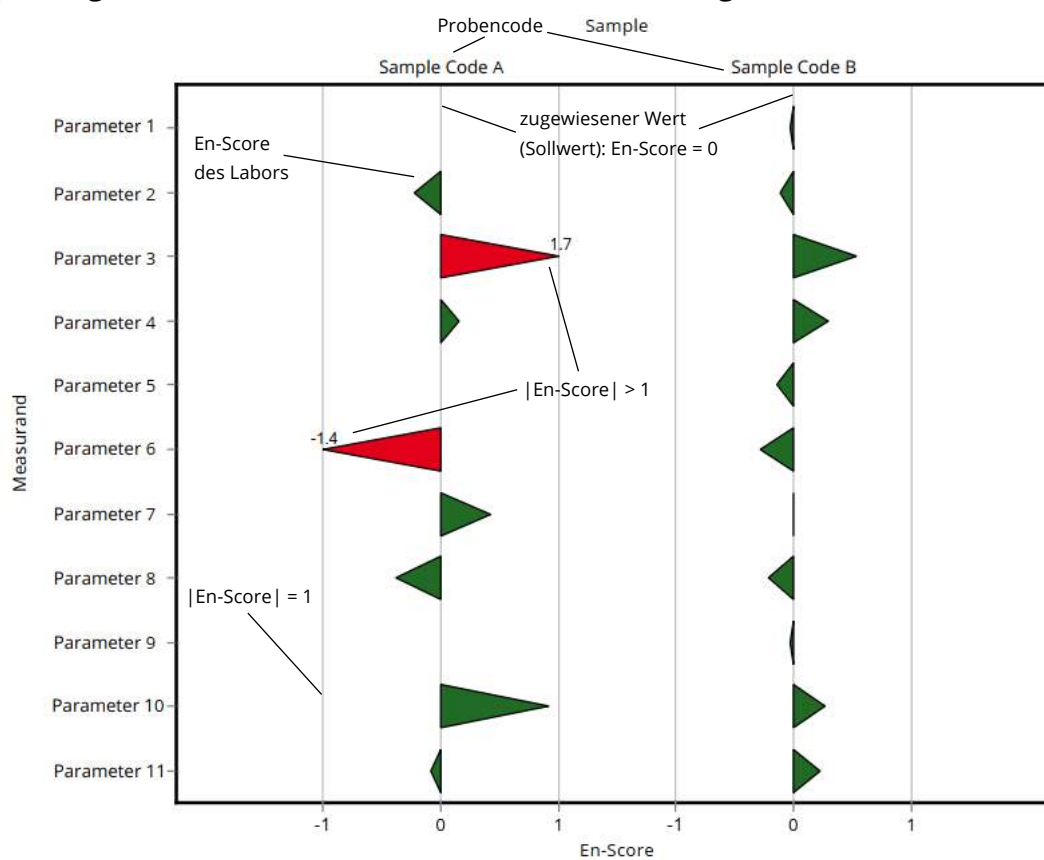
Beispieldiagramm z-Score



Beispieldiagramm z-Score (labororientierte Auswertung)



Beispieldiagramm En-Score (labororientierte Auswertung)



D6. Zusammenfassung

D6.1. Tabelle der zugewiesenen Werte

Parameter	Probe	Einheit	zugewiesener $\pm$ U (k=2) Wert	Kriterium	Kriterium [%]
Aluminium	AB17	mg/l	1.48 $\pm$ 0.0426	0.148	10
Antimon	AB17	mg/l	0.0148 $\pm$ 0.00046	0.00148	10
Arsen	AB17	mg/l	0.00677 $\pm$ 0.00038	0.000947	14
Barium	AB17	mg/l	0.118 $\pm$ 0.0051	0.0142	12
Bor	AB17	mg/l	0.427 $\pm$ 0.0165	0.0427	10
Cadmium *	AB17	mg/l	- $\pm$ -	-	-
Chrom	AB17	mg/l	0.356 $\pm$ 0.0125	0.0356	10
Cobalt	AB17	mg/l	0.0193 $\pm$ 0.000944	0.00251	13
Kupfer	AB17	mg/l	0.383 $\pm$ 0.0107	0.0383	10
Eisen	AB17	mg/l	0.0639 $\pm$ 0.00415	0.0109	17
Blei	AB17	mg/l	0.0172 $\pm$ 0.000835	0.00207	12
Quecksilber	AB17 HG	mg/l	0.000126 $\pm$ 0.0000157	0.0000379	30
Molybdän	AB17	mg/l	0.314 $\pm$ 0.0114	0.0314	10
Nickel	AB17	mg/l	0.0082 $\pm$ 0.000414	0.000984	12
Selen	AB17	mg/l	0.018 $\pm$ 0.000822	0.00198	11
Silber	AB17	mg/l	0.00183 $\pm$ 0.000245	0.000493	27
Zinn	AB17	mg/l	0.019 $\pm$ 0.0011	0.00209	11
Vanadium	AB17	mg/l	0.00467 $\pm$ 0.000325	0.0007	15
Zink	AB17	mg/l	0.0204 $\pm$ 0.00118	0.00306	15

*Für nachfolgenden Parameter können keine zugewiesenen Werte ermittelt werden (Vergleichsstandardabweichung >50%). Daher sind zur Information der berechnete Mittelwert MW $\pm$ 2SD über die Daten der akkreditierten Labore (n) nach Ausreißerbereinigung und die Ergebnisse des Kontrolllabors angeführt. Diese Angaben dienen zum Vergleich im Rahmen Ihrer internen QS-Maßnahmen.

Cadmium:

MW (n=15, akkr.) $\pm$ 2SD: 0.00029 $\pm$ 0.000392 mg/l

MW (KL) $\pm$ U(k=2): 0.00070 $\pm$ 0.000035 mg/l

D6.2. Zusammenfassung der ausreißerbereinigten Ringversuchsergebnisse

Parameter	Probe	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Einheit	Mittelwert ± VB (99%)	Minimum	Maximum	sR	vR [%]
Aluminium	AB17	28	2	mg/l	1.48 ± 0.0638	1.24	1.69	0.113	7.6
Antimon	AB17	26	4	mg/l	0.0148 ± 0.00069	0.0122	0.0177	0.00117	7.9
Arsen	AB17	26	3	mg/l	0.00677 ± 0.000571	0.00498	0.009	0.00097	14
Barium	AB17	30	1	mg/l	0.12 ± 0.00771	0.0892	0.152	0.0141	12
Bor	AB17	27	2	mg/l	0.427 ± 0.0248	0.34	0.517	0.043	10
Cadmium	AB17	16	2	mg/l	0.000283 ± 0.000145	0.00012	0.000705	0.000193	68
Chrom	AB17	30	0	mg/l	0.356 ± 0.0187	0.284	0.416	0.0342	9.6
Cobalt	AB17	27	0	mg/l	0.0193 ± 0.00142	0.0139	0.024	0.00245	13
Kupfer	AB17	30	1	mg/l	0.383 ± 0.016	0.331	0.438	0.0292	7.6
Eisen	AB17	27	1	mg/l	0.0639 ± 0.00623	0.042	0.083	0.0108	17
Blei	AB17	26	3	mg/l	0.0172 ± 0.00125	0.0125	0.0209	0.00213	12
Quecksilber	AB17 HG	25	2	mg/l	0.000129 ± 0.000023	0.00008	0.000217	0.000039	30
Molybdän	AB17	31	0	mg/l	0.314 ± 0.0172	0.241	0.38	0.0318	10
Nickel	AB17	24	4	mg/l	0.0082 ± 0.000621	0.00624	0.0108	0.00101	12
Selen	AB17	25	2	mg/l	0.018 ± 0.00123	0.0142	0.0227	0.00206	11
Silber	AB17	16	3	mg/l	0.00183 ± 0.000368	0.00073	0.003	0.00049	27
Zinn	AB17	18	5	mg/l	0.0189 ± 0.00143	0.0131	0.0212	0.00202	11
Vanadium	AB17	19	3	mg/l	0.00467 ± 0.000488	0.00322	0.006	0.000709	15
Zink	AB17	26	0	mg/l	0.0204 ± 0.00176	0.0146	0.0283	0.003	15

E1. Description of the proficiency test

E1.1. Design and implementation

- Number of registrations: 31
- Number of submitted data records: 31
- Dispatch of samples: September 1st, 2026
- Closing date for submission of data: September 29th, 2026

The results were submitted electronically by a 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 given a laboratory code on a random basis.

E1.2. Description of the proficiency test items

The sample material consisted of a waste eluate prepared from municipal solid waste incineration bottom ash.

The following samples were made available:

- 2 eluate samples (AB17 and AB17HG)

To guarantee homogenous eluate samples, the preparation of the eluate matrix according to OENORM EN 12457-4 (s : l = 1 : 10) was started on 17th of June 2026. The eluates were filtered through 0.45 µm membrane disc filters on 1st of July 2026 and subsequently stored in the laboratory until further processing.

Prior to sample preparation, the eluate matrix was cooled to $4 \pm 3^{\circ}\text{C}$ and, on the filling day, selectively spiked with specific substances under continuous stirring.

The samples were filled into bottles under continuous stirring (stirring vessel). Stabilization was achieved by the addition of nitric acid (sample AB17, final concentration 1 % HNO_3) and hydrochloric acid (sample AB17HG, final concentration 1 % HCl), respectively.

The homogeneous proficiency test items were dispatched on 1st of September 2026.

Each participating laboratory received:

- 2 samples of 100 ml each, filled in 1 x 100 ml LDPE bottle per sample.

E1.3. Instructions for the participants

For reasons of stability, it was recommended to start the analysis by the 9th of September 2026 at the latest.

The participants were expected to use the test method or measurement method of their choice, which should be consistent with their routine procedures. In E9 you will find the overview of applied methods in course of the proficiency testing.

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 sample were transferred to the laboratory for control testing.

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

During evaluation the relative standard deviation between the individual results of the control test samples was assessed for each parameter by comparison with the reproducibility standard deviation of the actual 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 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 participants' 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 and based on the trend test evaluation of the current round, the stability of the test items for proficiency testing of real 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 29th of September 2026. Any values received at later date were not considered.

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

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

The assigned values are normally calculated as the mean over all submitted results, after removal of outliers. The traceability of the assigned value is checked by comparing it with the mean value of the control testing laboratory.

For real samples in some exceptional cases, it might occur that no assigned value based on participants' results can be calculated and no evaluation of the participants' results can be made. E.g. due to large variations in the participant results ($vR > 50\%$) and/or insufficient traceability of the calculated mean of all participants after outlier-clearing to the mean of control testing or if the number of results (without outliers) of the group of accredited testing laboratories is too low.

In this case, a clear statement in section E7 of the report is made and all statistical data provided is 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 measures, the participants can compare their results with 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:

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

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
Criterion	is the reproducibility standard deviation calculated from the participants' results after removal of outliers (sR) in the current round. Where justified (e.g. results for real samples are close to minimum quantification limit or in case of regulatory requirements) the criterion is defined by expert judgement and the procedure is clearly described in section E4 of the report.

E2.2. Performance criterion E_n-Score

In addition, an assessment of the participants' results using E_n-Scores for proficiency testing of real samples is performed. This additional assessment considers 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:

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

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, k=2
$U(\bar{X})$	expanded measurement uncertainty for the assigned value, k=2

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 considered. The difference between result 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 considered. $|E_n\text{-Score}| > 1.0$ might indicate to check the measurement uncertainty estimation or might point out 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 the 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 evaluation of E_n -Scores on separate pages.

The tables also contain the basis for the data assessment as the assigned values and 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 the 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.

Parameters arsenic, cobalt, iron, lead, nickel, selenium, silver, vanadium and zinc in sample AB17: Scores for all listed parameters were calculated according to E2.

Parameters barium and tin in sample AB17 and mercury in sample AB17HG:

The assigned values calculated based on the participants' results were outside the measurement uncertainty of the control test 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. As the criterion, the reproducibility standard deviation of the outlier-corrected laboratory results was used (rounded to two significant figures).

Parameters aluminium, antimony, boron, chromium, copper and molybdenum in sample AB17: For these parameters a reproducibility standard deviation (v_R) of 10 % was defined for assessment.

Parameter cadmium in sample AB17:

The relative reproducibility standard deviation for this parameter exceeded 50 %. For this parameter, we recommend comparison with the informative values given in E6.1 (mean value of the accredited laboratories and mean value of the control test laboratory, respectively).

E5. Annotations on tables and charts

E5.1. Information and abbreviations in tables

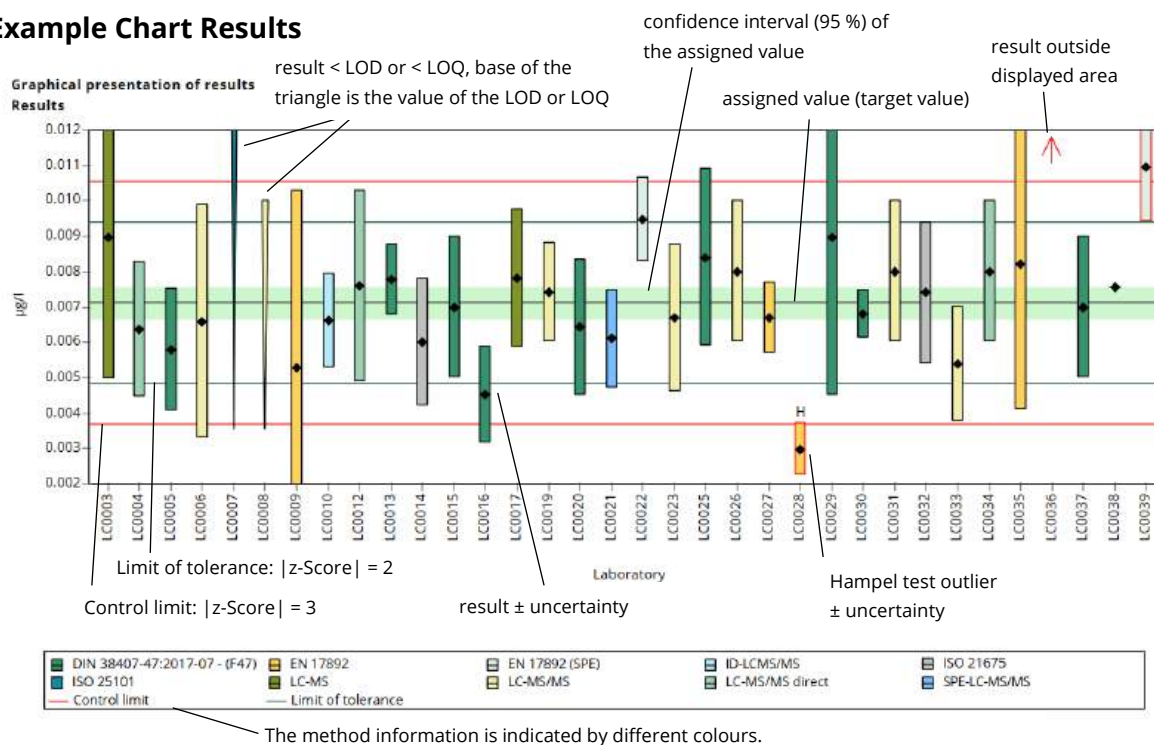
Parameter	Analyte identifier
Sample	Sample identifier
Unit	Given unit for result and uncertainty (e.g. µg/l)
Assigned value	Target value for proficiency assessment of the participants (3 significant digits)
U (k=2)	Expanded uncertainty (k=2) of the assigned value (3 significant digits)
Criteria	Specified value for the determination of the z-score in the given unit (3 significant digits)
Criteria [%]	Specified value for the determination of the z-score in % of the assigned value (2 significant digits)
Mean	Mean of the results of the participants, 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)
SD	Reproducibility standard deviation, calculated from the participants results, after removal of outliers (3 significant digits)
RSD %	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) combined measurement uncertainty without expansion factor (k=1), 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 considers 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 %.
2SD	Twice the standard deviation calculated from the results of the accredited participants, excluding Hampel outliers.
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
*	mark for additional comments

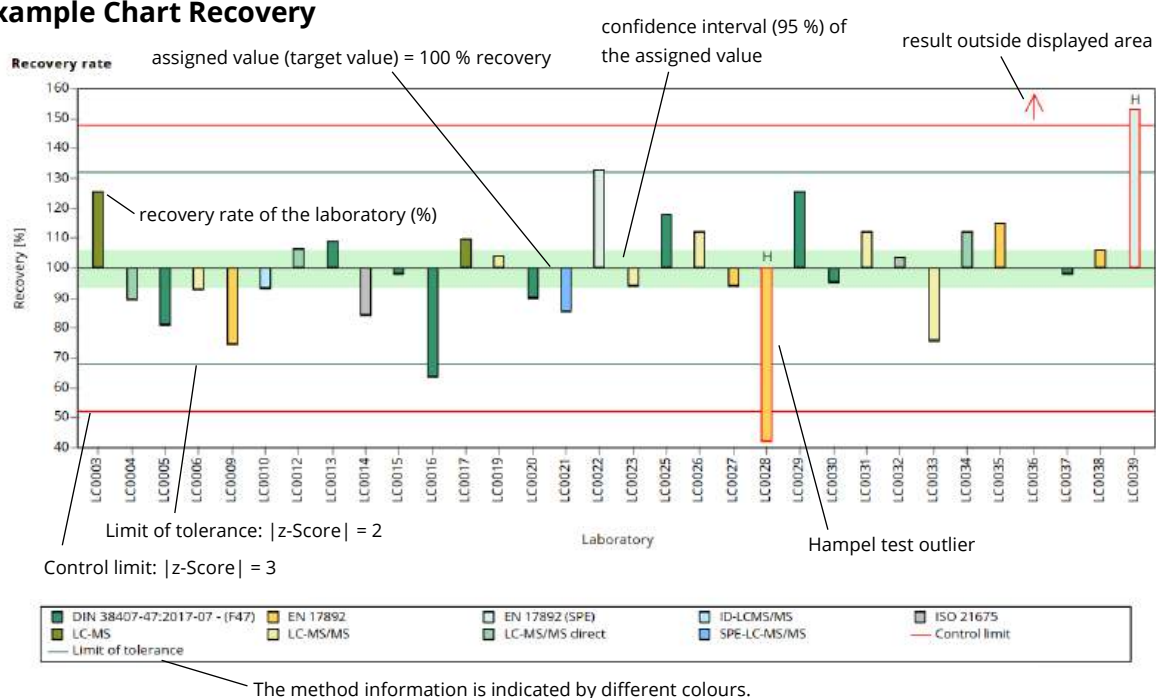
E5.2. Graphical presentation of results

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

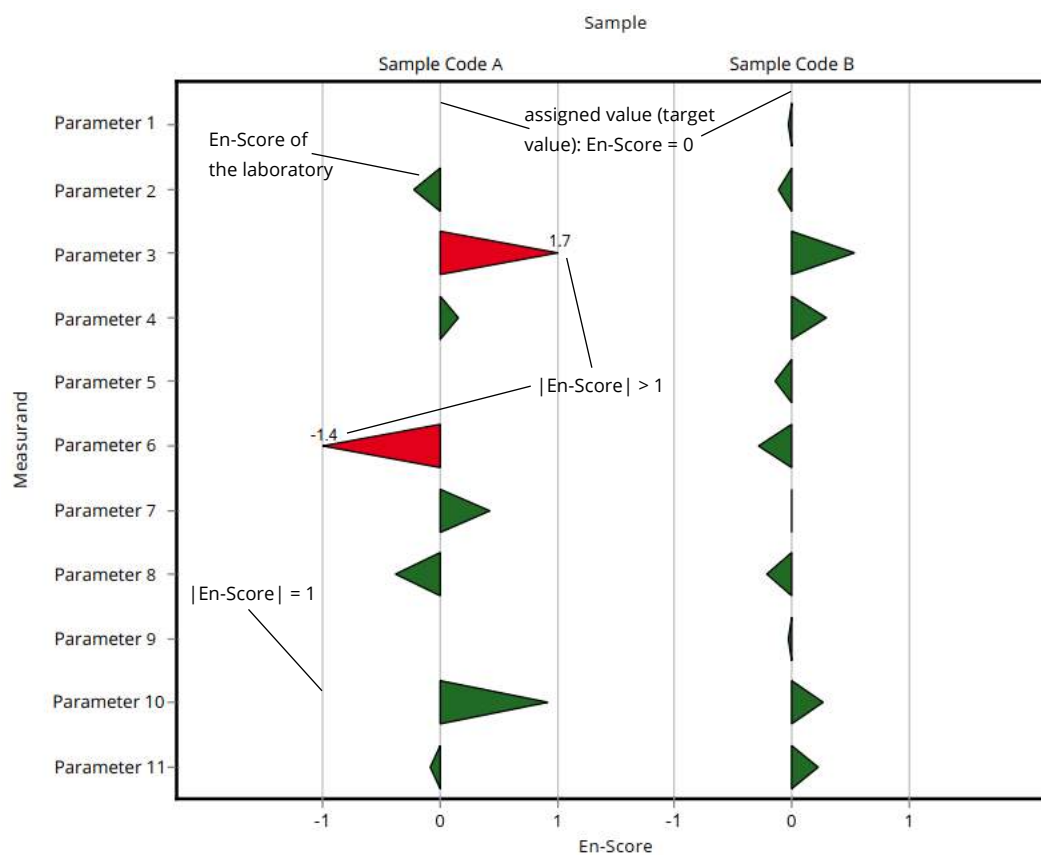
Example Chart Results



Example Chart Recovery



Example chart En-Score (laboratory-oriented report)



E6. Summary

E6.1. Table of assigned values

Parameter	Sample	Unit	Assigned value $\pm$ U (k=2)	Criterion	Criterion [%]
Aluminium	AB17	mg/l	1.48 $\pm$ 0.0426	0.148	10
Antimony	AB17	mg/l	0.0148 $\pm$ 0.00046	0.00148	10
Arsenic	AB17	mg/l	0.00677 $\pm$ 0.00038	0.000947	14
Barium	AB17	mg/l	0.118 $\pm$ 0.0051	0.0142	12
Boron	AB17	mg/l	0.427 $\pm$ 0.0165	0.0427	10
Cadmium *	AB17	mg/l	- $\pm$ -	-	-
Chromium	AB17	mg/l	0.356 $\pm$ 0.0125	0.0356	10
Cobalt	AB17	mg/l	0.0193 $\pm$ 0.000944	0.00251	13
Copper	AB17	mg/l	0.383 $\pm$ 0.0107	0.0383	10
Iron	AB17	mg/l	0.0639 $\pm$ 0.00415	0.0109	17
Lead	AB17	mg/l	0.0172 $\pm$ 0.000835	0.00207	12
Mercury	AB17 HG	mg/l	0.000126 $\pm$ 0.0000157	0.0000379	30
Molybdenum	AB17	mg/l	0.314 $\pm$ 0.0114	0.0314	10
Nickel	AB17	mg/l	0.0082 $\pm$ 0.000414	0.000984	12
Selenium	AB17	mg/l	0.018 $\pm$ 0.000822	0.00198	11
Silver	AB17	mg/l	0.00183 $\pm$ 0.000245	0.000493	27
Tin	AB17	mg/l	0.019 $\pm$ 0.0011	0.00209	11
Vanadium	AB17	mg/l	0.00467 $\pm$ 0.000325	0.0007	15
Zinc	AB17	mg/l	0.0204 $\pm$ 0.00118	0.00306	15

*Due to the high reproducibility standard deviation (>50%) for the following parameter, no assigned value could be established. For information purposes, the calculated mean value (MV $\pm$ 2SD) based on the results of the accredited laboratories (n) after outlier removal, as well as the control test value, are provided. These data can be used for comparison as part of your internal QA measures.

Cadmium:

MV (n=15, accr.) $\pm$ 2SD: 0.00029 $\pm$ 0.000392 mg/l

MV (CL) $\pm$ U(k=2): 0.00070 $\pm$ 0.000035 mg/l

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

Parameter	Sample	Number of results for calculation	Number of outliers	Unit	Mean $\pm$ CI (99%)	Minimum	Maximum	sR	vR [%]
Aluminium	AB17	28	2	mg/l	1.48 $\pm$ 0.0638	1.24	1.69	0.113	7.6
Antimony	AB17	26	4	mg/l	0.0148 $\pm$ 0.00069	0.0122	0.0177	0.00117	7.9
Arsenic	AB17	26	3	mg/l	0.00677 $\pm$ 0.000571	0.00498	0.009	0.00097	14
Barium	AB17	30	1	mg/l	0.12 $\pm$ 0.00771	0.0892	0.152	0.0141	12
Boron	AB17	27	2	mg/l	0.427 $\pm$ 0.0248	0.34	0.517	0.043	10
Cadmium	AB17	16	2	mg/l	0.000283 $\pm$ 0.000145	0.00012	0.000705	0.000193	68
Chromium	AB17	30	0	mg/l	0.356 $\pm$ 0.0187	0.284	0.416	0.0342	9.6
Cobalt	AB17	27	0	mg/l	0.0193 $\pm$ 0.00142	0.0139	0.024	0.00245	13
Copper	AB17	30	1	mg/l	0.383 $\pm$ 0.016	0.331	0.438	0.0292	7.6
Iron	AB17	27	1	mg/l	0.0639 $\pm$ 0.00623	0.042	0.083	0.0108	17
Lead	AB17	26	3	mg/l	0.0172 $\pm$ 0.00125	0.0125	0.0209	0.00213	12
Mercury	AB17 HG	25	2	mg/l	0.000129 $\pm$ 0.000023	0.00008	0.000217	0.000039	30
Molybdenum	AB17	31	0	mg/l	0.314 $\pm$ 0.0172	0.241	0.38	0.0318	10
Nickel	AB17	24	4	mg/l	0.0082 $\pm$ 0.000621	0.00624	0.0108	0.00101	12
Selenium	AB17	25	2	mg/l	0.018 $\pm$ 0.00123	0.0142	0.0227	0.00206	11
Silver	AB17	16	3	mg/l	0.00183 $\pm$ 0.000368	0.00073	0.003	0.00049	27
Tin	AB17	18	5	mg/l	0.0189 $\pm$ 0.00143	0.0131	0.0212	0.00202	11
Vanadium	AB17	19	3	mg/l	0.00467 $\pm$ 0.000488	0.00322	0.006	0.000709	15
Zinc	AB17	26	0	mg/l	0.0204 $\pm$ 0.00176	0.0146	0.0283	0.003	15

E7. Parameterorientierte Auswertung / Parameter oriented report

Aluminium	32
Antimony.....	37
Arsenic.....	42
Barium.....	47
Boron.....	52
Cadmium.....	57
Chromium.....	60
Cobalt	65
Copper.....	70
Iron.....	75
Lead	80
Mercury	85
Molybdenum	90
Nickel	95
Selenium	100
Silver	105
Tin	110
Vanadium.....	115
Zinc.....	120

Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Aluminium

Parameter oriented report

AB17

Aluminium

Unit mg/l
Assigned value $\pm U$ (k=2) 1.48 ± 0.0426
Criterion 0.148 (10 %)
Minimum - Maximum 1.24 - 1.69
Control test value $\pm U$ (k=2) 1.6 ± 0.223

Labcode	Result $\pm U$	Recovery [%]	z-Score	Comments
LC0001	1.391 $\pm$ 0.21	94.1	-0.59	
LC0002	1.36 $\pm$ 0.0503	92	-0.8	
LC0003	1.54 $\pm$ 0.07	104	0.42	
LC0004	1.56 $\pm$ 0.25	106	0.55	
LC0005	1.462 $\pm$ 0.132	98.9	-0.11	
LC0006	1.5 $\pm$ 0.15	101	0.15	
LC0007	1.52 $\pm$ 0.15	103	0.28	
LC0008	1.57 $\pm$ 0.14	106	0.62	
LC0009	1.52 $\pm$ 0.15	103	0.28	
LC0010	1.301 $\pm$ 0.04028	88	-1.2	
LC0011	1.09 $\pm$ 0.032	73.7	-2.63	H
LC0012	1.49576 $\pm$ 0.29915	101	0.12	
LC0013	1.6 $\pm$ 0.0017	108	0.83	
LC0014	1.48 $\pm$ 0.17	100	0.01	
LC0015	- $\pm$ -	-	-	
LC0016	1.55 $\pm$ 0.154	105	0.49	
LC0017	1.335 $\pm$ 0.06	90.3	-0.97	
LC0018	1.5854 $\pm$ 0.1452	107	0.73	
LC0019	1.24 $\pm$ 0.186	83.9	-1.61	
LC0020	1.49457 $\pm$ 0.0822	101	0.11	
LC0021	1.69 $\pm$ 0.0602	114	1.43	
LC0022	1.265 $\pm$ 0.127	85.6	-1.44	
LC0023	1.563 $\pm$ 0.25	106	0.57	
LC0024	1.45 $\pm$ 0.2	98.1	-0.19	
LC0025	0.81 $\pm$ 0.162	54.8	-4.52	H
LC0026	1.428 $\pm$ 0.14	96.6	-0.34	
LC0027	1.48 $\pm$ 0.296	100	0.01	
LC0028	1.68 $\pm$ 0.255	114	1.37	
LC0029	1.5277 $\pm$ 0.158	103	0.34	
LC0030	1.406 $\pm$ 0.14	95.1	-0.49	
LC0031	1.39 $\pm$ 0.15	94	-0.6	

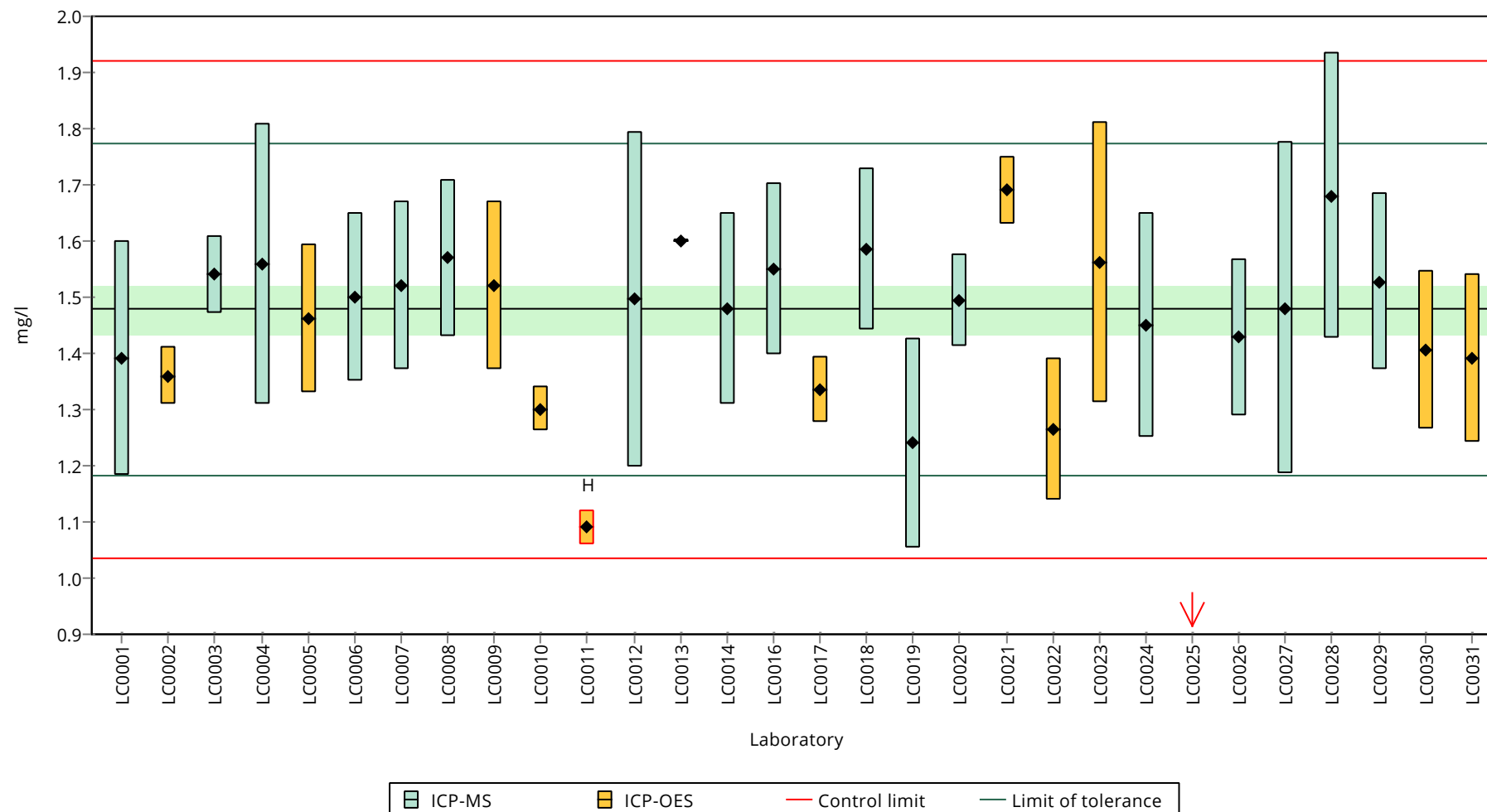
Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Aluminium

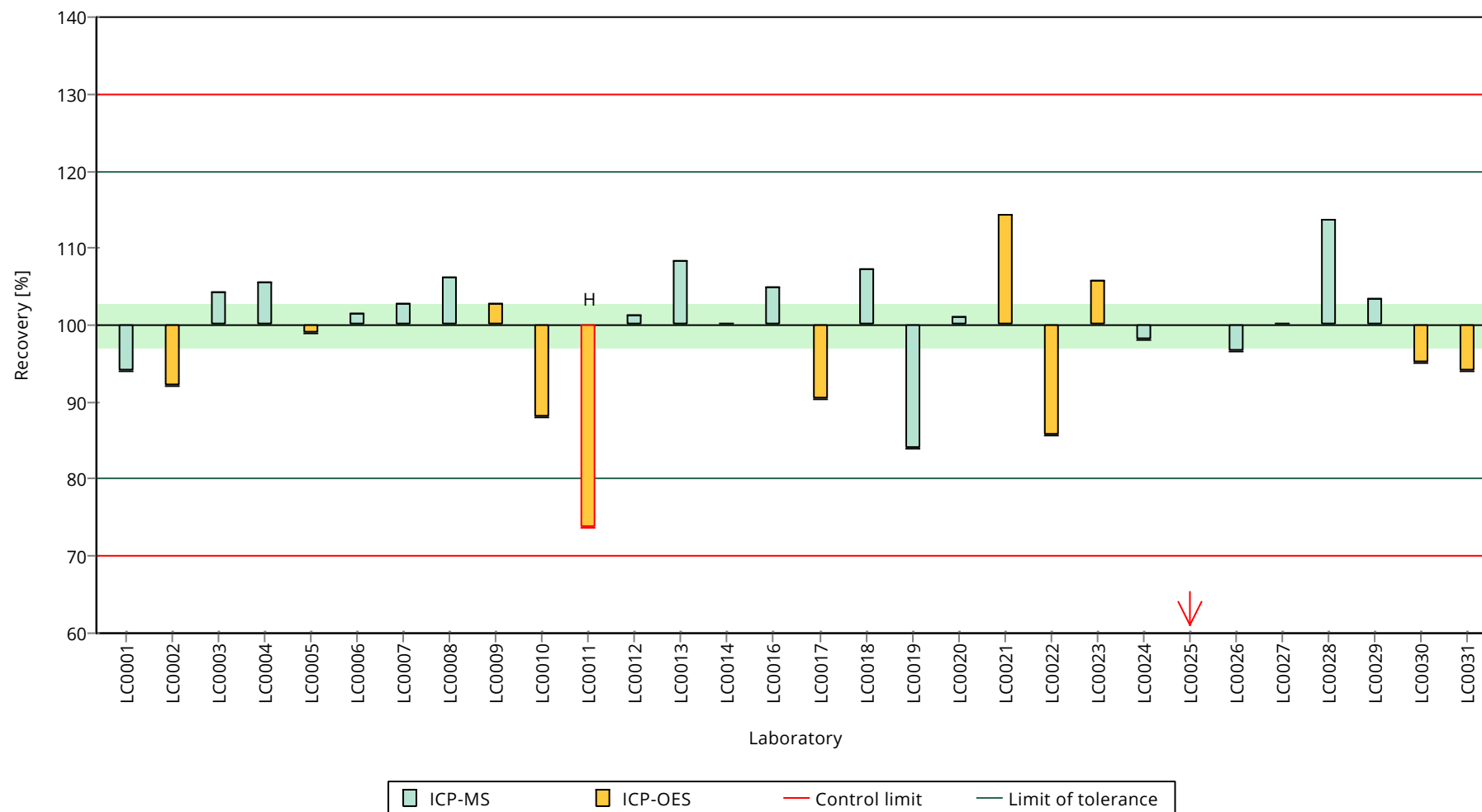
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	1.44 ± 0.0966	1.48 ± 0.0638	mg/l
Minimum	0.81	1.24	mg/l
Maximum	1.69	1.69	mg/l
Standard deviation	0.176	0.113	mg/l
rel. standard deviation	12.2	7.62	%
n	30	28	-

Graphical presentation of results

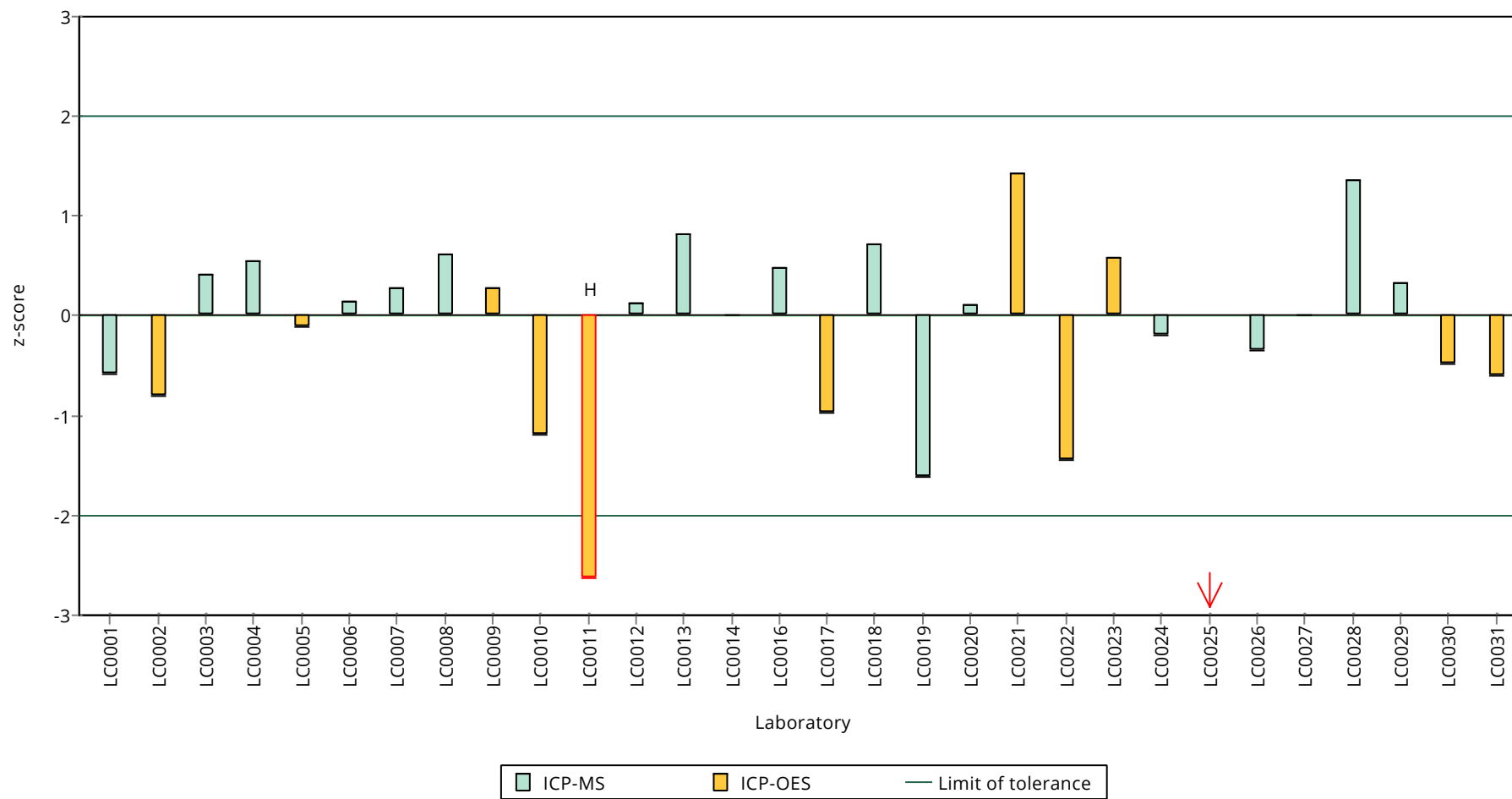
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Antimony

Parameter oriented report

AB17

Antimony

Unit mg/l
Assigned value $\pm$ U (k=2) 0.0148 $\pm$ 0.00046
Criterion 0.00148 (10 %)
Minimum - Maximum 0.0122 - 0.0177
Control test value $\pm$ U (k=2) 0.0139 $\pm$ 0.000973

Labcode	Result $\pm$ U	Recovery [%]	z-Score	Comments
LC0001	0.0158 $\pm$ 0.0025	107	0.68	
LC0002	0.00727 $\pm$ 0.0005	49.1	-5.09	H
LC0003	0.016 $\pm$ 0.0012	108	0.82	
LC0004	0.02 $\pm$ 0.0016	135	3.52	H
LC0005	0.016 $\pm$ 0.0013	108	0.82	
LC0006	0.014 $\pm$ 0.0014	94.6	-0.54	
LC0007	0.0151 $\pm$ 0.0015	102	0.21	
LC0008	0.014 $\pm$ 0.0011	94.6	-0.54	
LC0009	0.015 $\pm$ 0.003	101	0.14	
LC0010	0.014 $\pm$ 0.00179	94.6	-0.54	
LC0011	0.013 $\pm$ 0.00081	87.9	-1.21	
LC0012	0.01571 $\pm$ 0.00314	106	0.62	
LC0013	0.016 $\pm$ 0.0002	108	0.82	
LC0014	0.0144 $\pm$ 0.001	97.3	-0.27	
LC0015	0.0311 $\pm$ 0.002	210	11.02	H
LC0016	0.0143 $\pm$ 0.00143	96.7	-0.33	
LC0017	0.01765 $\pm$ 0.013	119	1.93	
LC0018	0.0146 $\pm$ 0.0011	98.7	-0.13	
LC0019	0.021 $\pm$ 0.00315	142	4.2	H
LC0020	0.01531 $\pm$ 0.00214	103	0.35	
LC0021	0.0137 $\pm$ 0.0015	92.6	-0.74	
LC0022	0.01224 $\pm$ 0.00367	82.7	-1.73	
LC0023	0.0161 $\pm$ 0.002	109	0.88	
LC0024	0.0139 $\pm$ 0.0021	94	-0.6	
LC0025	0.016 $\pm$ 0.0032	108	0.82	
LC0026	0.0137 $\pm$ 0.0014	92.6	-0.74	
LC0027	0.0147 $\pm$ 0.00559	99.4	-0.06	
LC0028	0.0145 $\pm$ 0.004	98	-0.2	
LC0029	0.0138 $\pm$ 0.00106	93.3	-0.67	
LC0030	< 0.04 (LOQ) $\pm$ -	-	-	
LC0031	0.0151 $\pm$ 0.0018	102	0.21	

Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

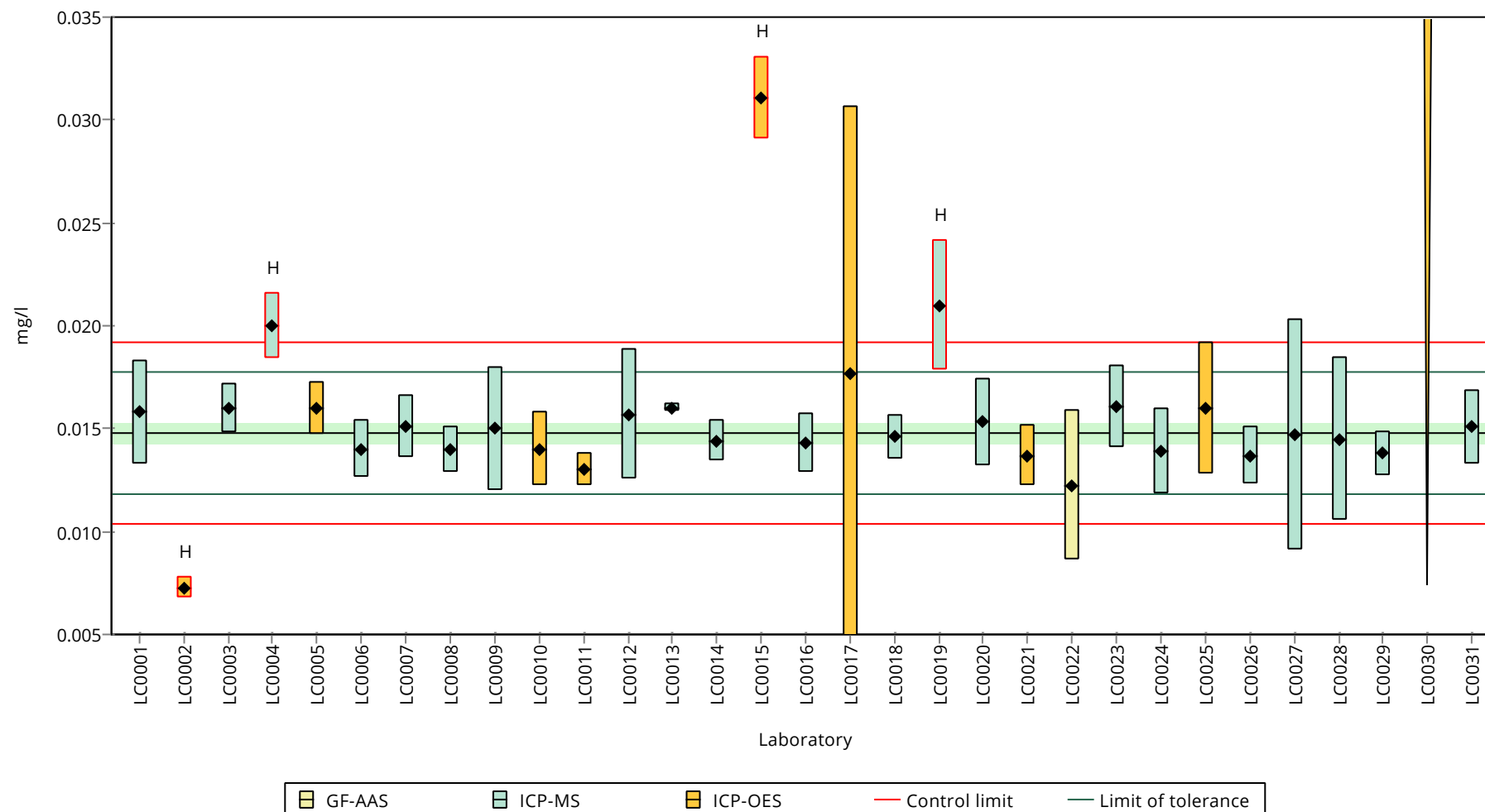
Sample: AB17, Parameter: Antimony

Characteristics of parameter

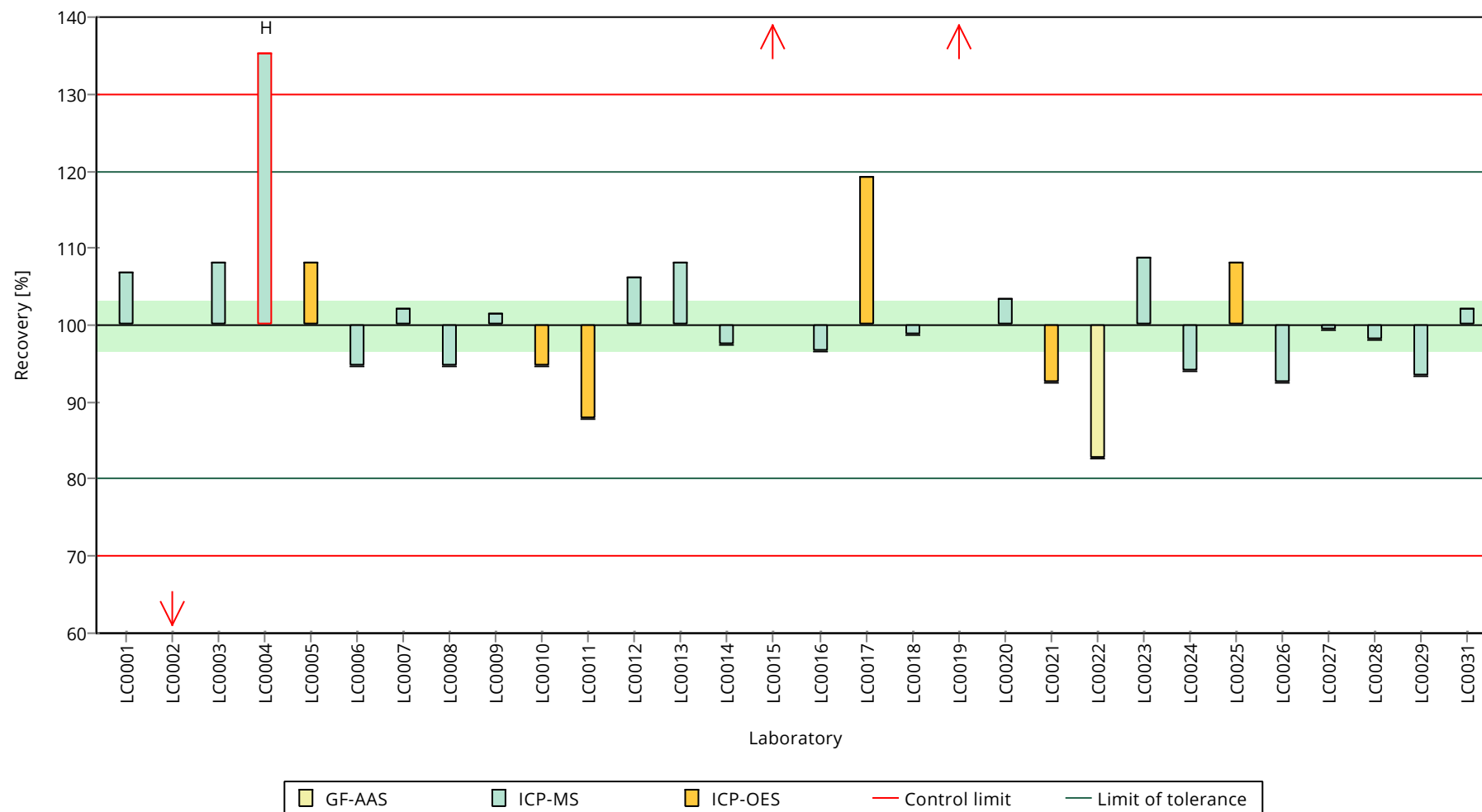
	all results	without outliers	Unit
Mean ± CI (99%)	0.0155 ± 0.00206	0.0148 ± 0.00069	mg/l
Minimum	0.00727	0.0122	mg/l
Maximum	0.0311	0.0177	mg/l
Standard deviation	0.00376	0.00117	mg/l
rel. standard deviation	24.3	7.93	%
n	30	26	-

Graphical presentation of results

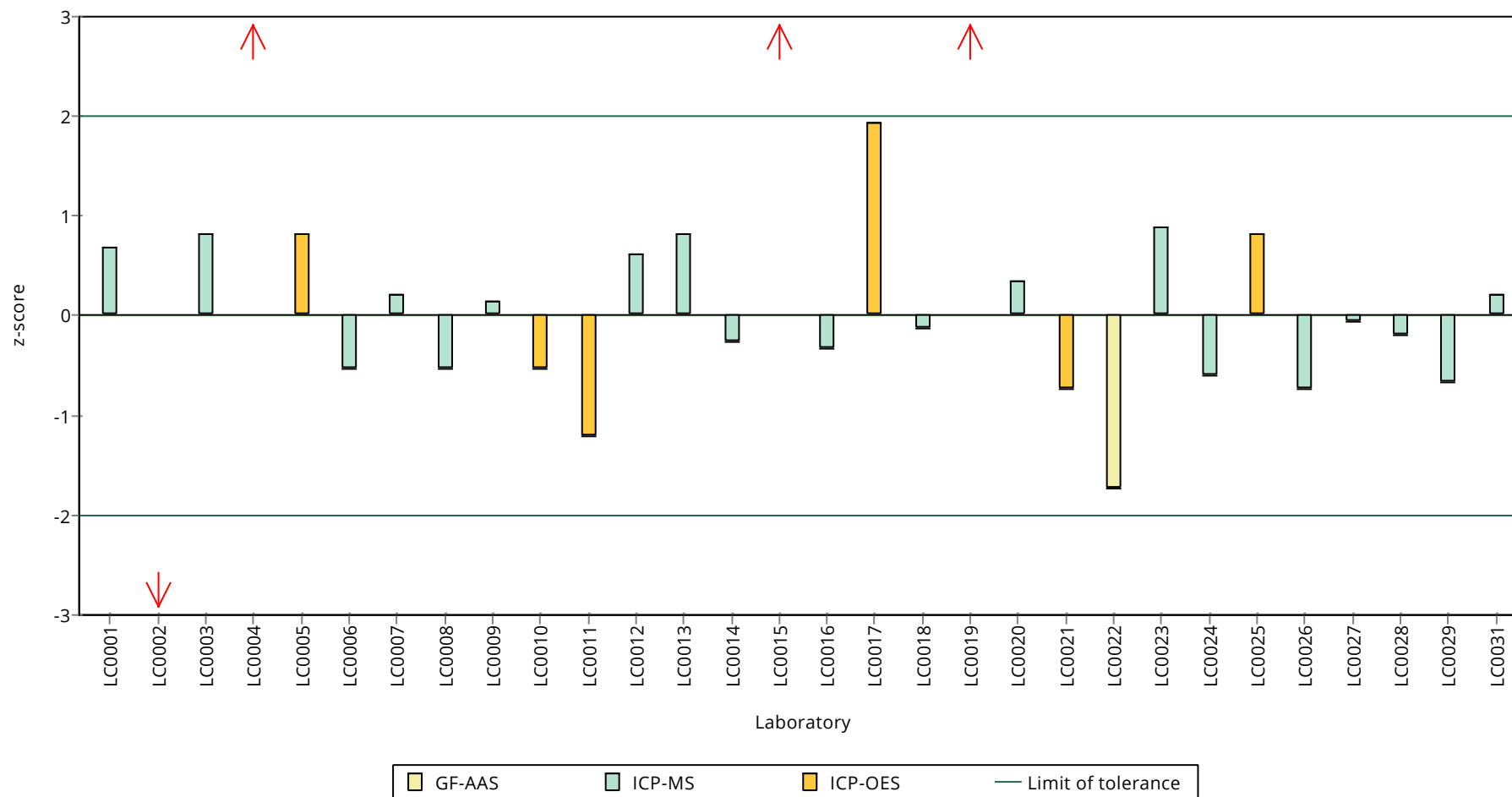
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Arsenic

Parameter oriented report

AB17

Arsenic

Unit mg/l
Assigned value $\pm$ U (k=2) 0.00677 $\pm$ 0.00038
Criterion 0.000947 (14 %)
Minimum - Maximum 0.00498 - 0.009
Control test value $\pm$ U (k=2) 0.00659 $\pm$ 0.000725

Labcode	Result $\pm$ U	Recovery [%]	z-Score	Comments
LC0001	0.0072 $\pm$ 0.0012	106	0.46	
LC0002	0.00703 $\pm$ 0.0008	104	0.28	
LC0003	0.009 $\pm$ 0.00059	133	2.36	
LC0004	0.007 $\pm$ 0.0007	103	0.25	
LC0005	0.0063 $\pm$ 0.0007	93.1	-0.49	
LC0006	0.0062 $\pm$ 0.00062	91.6	-0.6	
LC0007	0.00675 $\pm$ 0.001	99.7	-0.02	
LC0008	0.0055 $\pm$ 0.00042	81.3	-1.34	
LC0009	0.00774 $\pm$ 0.00155	114	1.03	
LC0010	0.001 $\pm$ 0.00058	14.8	-6.09	H
LC0011	0.006 $\pm$ 0.0012	88.7	-0.81	
LC0012	0.00843 $\pm$ 0.00169	125	1.76	
LC0013	0.00695 $\pm$ 0.0001	103	0.19	
LC0014	0.0073 $\pm$ 0.0006	108	0.56	
LC0015	0.0347 $\pm$ 0.004	513	29.48	H
LC0016	0.00727 $\pm$ 0.00073	107	0.53	
LC0017	< 0.00063 (LOQ) $\pm$ -	-	-	FN
LC0018	0.0076 $\pm$ 0.0003	112	0.88	
LC0019	0.007 $\pm$ 0.00105	103	0.25	
LC0020	0.00589 $\pm$ 0.0004	87	-0.93	
LC0021	0.00504 $\pm$ 0.001	74.5	-1.82	
LC0022	0.00498 $\pm$ 0.00075	73.6	-1.88	
LC0023	0.00532 $\pm$ 0.0008	78.6	-1.53	
LC0024	0.00682 $\pm$ 0.00056	101	0.06	
LC0025	0.00248 $\pm$ 0.0005	36.6	-4.53	H
LC0026	0.00623 $\pm$ 0.0006	92.1	-0.57	
LC0027	0.0065 $\pm$ 0.00228	96	-0.28	
LC0028	0.00725 $\pm$ 0.0024	107	0.51	
LC0029	0.007 $\pm$ 0.00089	103	0.25	
LC0030	< 0.06 (LOQ) $\pm$ -	-	-	
LC0031	0.00765 $\pm$ 0.00156	113	0.93	

Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

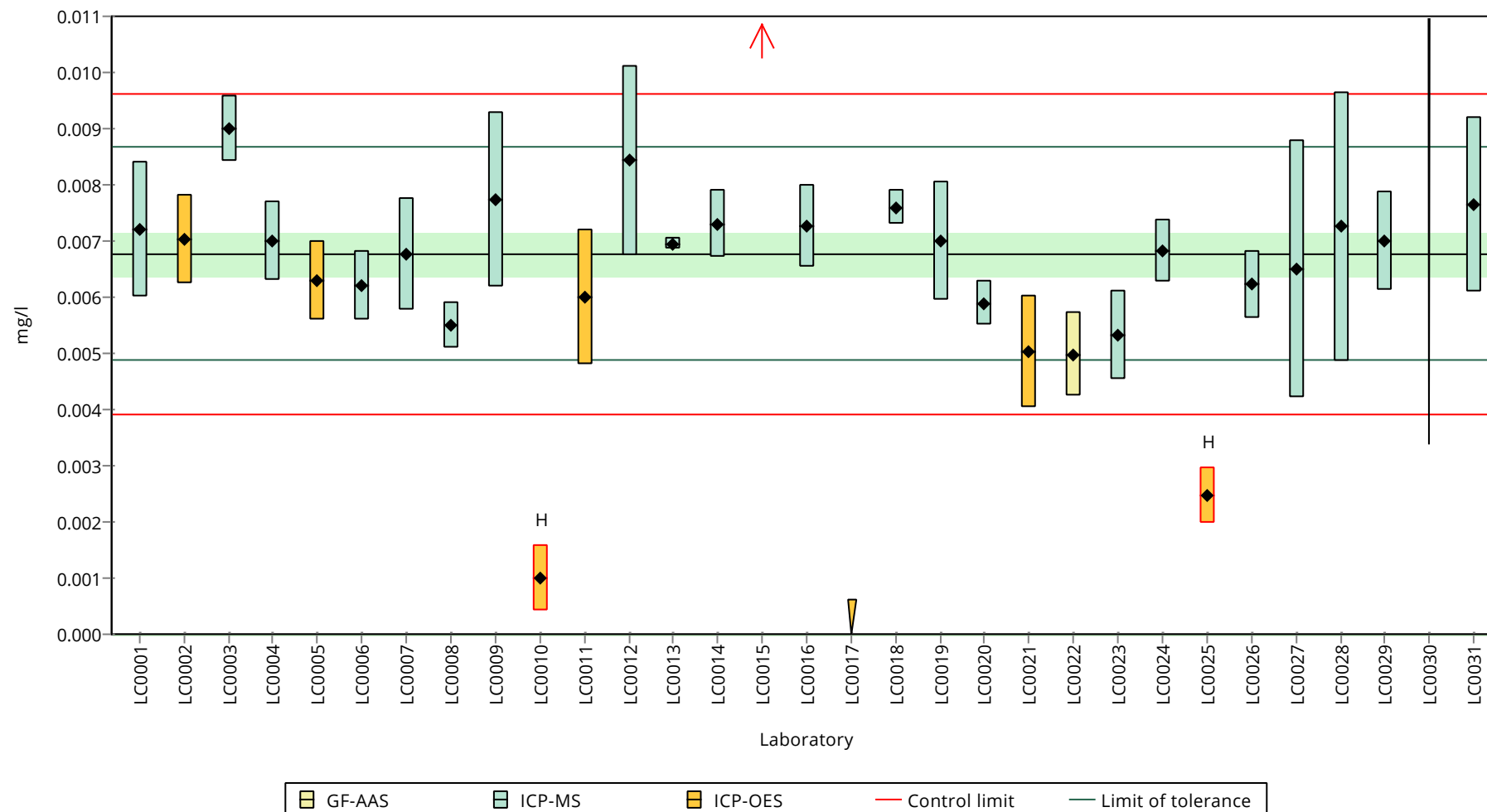
Sample: AB17, Parameter: Arsenic

Characteristics of parameter

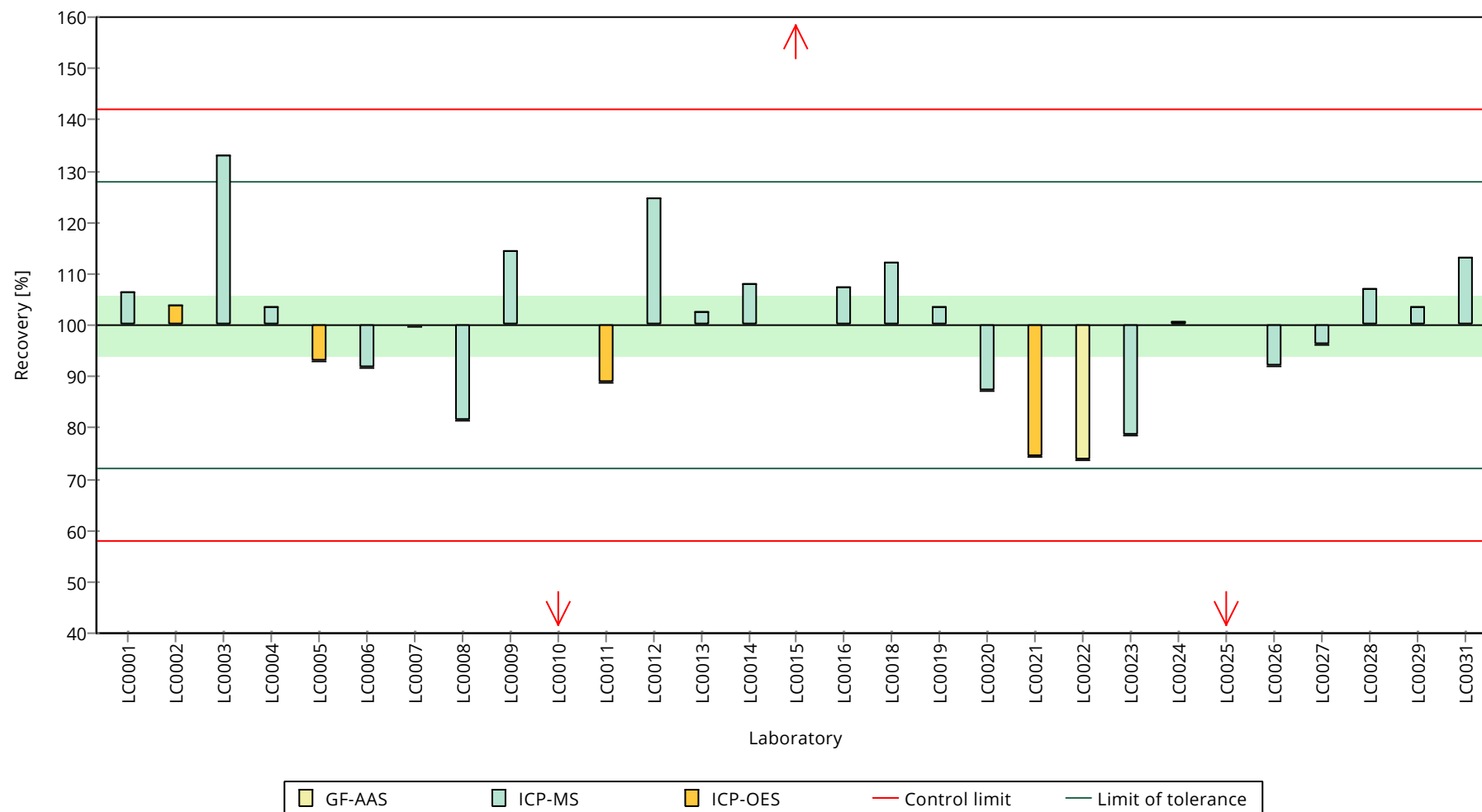
	all results	without outliers	Unit
Mean ± CI (99%)	0.00738 ± 0.00306	0.00677 ± 0.000571	mg/l
Minimum	0.001	0.00498	mg/l
Maximum	0.0347	0.009	mg/l
Standard deviation	0.00549	0.00097	mg/l
rel. standard deviation	74.4	14.3	%
n	29	26	-

Graphical presentation of results

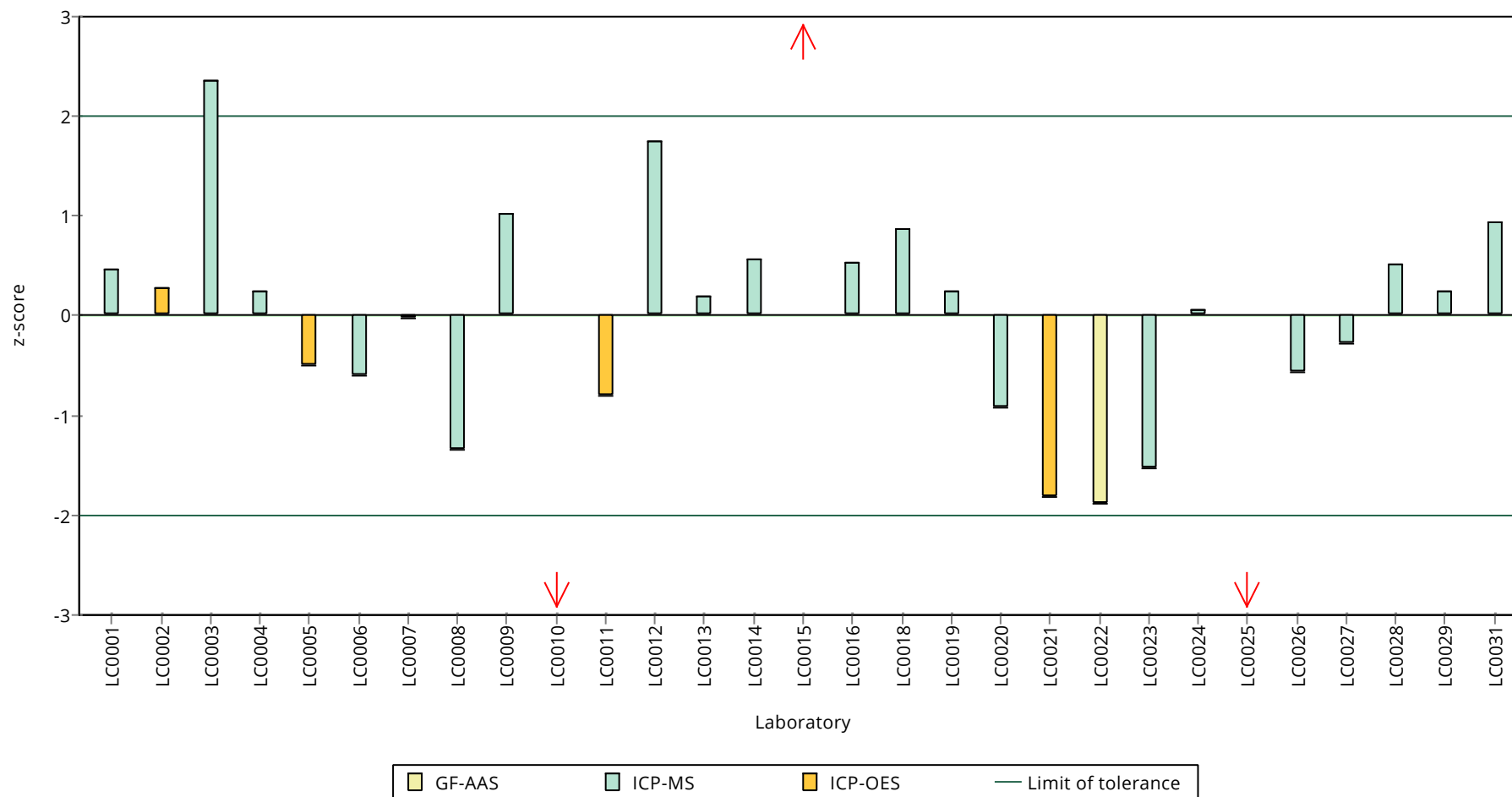
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Barium

Parameter oriented report

AB17

Barium

Unit mg/l
Assigned value $\pm$ U (k=2) 0.118 ± 0.0051
Criterion 0.0142 (12 %)
Minimum - Maximum $0.0892 - 0.152$
Control test value $\pm$ U (k=2) 0.13 ± 0.00649

Labcode	Result $\pm$ U	Recovery [%]	z-Score	Comments
LC0001	0.117 ± 0.016	98.8	-0.1	
LC0002	0.0962 ± 0.0066	81.3	-1.56	
LC0003	0.132 ± 0.0086	111	0.96	
LC0004	0.13 ± 0.0169	110	0.82	
LC0005	0.107 ± 0.012	90.4	-0.8	
LC0006	0.12 ± 0.012	101	0.11	
LC0007	0.13 ± 0.013	110	0.82	
LC0008	0.11 ± 0.0099	92.9	-0.59	
LC0009	0.122 ± 0.024	103	0.25	
LC0010	0.112 ± 0.00077	94.6	-0.45	
LC0011	0.1 ± 0.0051	84.5	-1.29	
LC0012	0.13131 ± 0.02626	111	0.91	
LC0013	0.1289 ± 0.0006	109	0.74	
LC0014	0.132 ± 0.016	111	0.96	
LC0015	0.106 ± 0.008	89.5	-0.87	
LC0016	0.133 ± 0.0133	112	1.03	
LC0017	0.0104 ± 0.012	8.8	-7.6	H
LC0018	0.1229 ± 0.0051	104	0.32	
LC0019	0.13 ± 0.0195	110	0.82	
LC0020	0.10973 ± 0.00571	92.7	-0.61	
LC0021	0.133 ± 0.0058	112	1.03	
LC0022	0.1145 ± 0.0115	96.7	-0.27	
LC0023	0.09195 ± 0.03	77.7	-1.86	
LC0024	0.122 ± 0.02	103	0.25	
LC0025	0.0892 ± 0.0178	75.3	-2.05	
LC0026	0.125 ± 0.0125	106	0.47	
LC0027	0.152 ± 0.0365	128	2.37	
LC0028	0.122 ± 0.037	103	0.25	
LC0029	0.1298 ± 0.0082	110	0.8	
LC0030	0.118 ± 0.012	99.7	-0.03	
LC0031	0.128 ± 0.015	108	0.68	

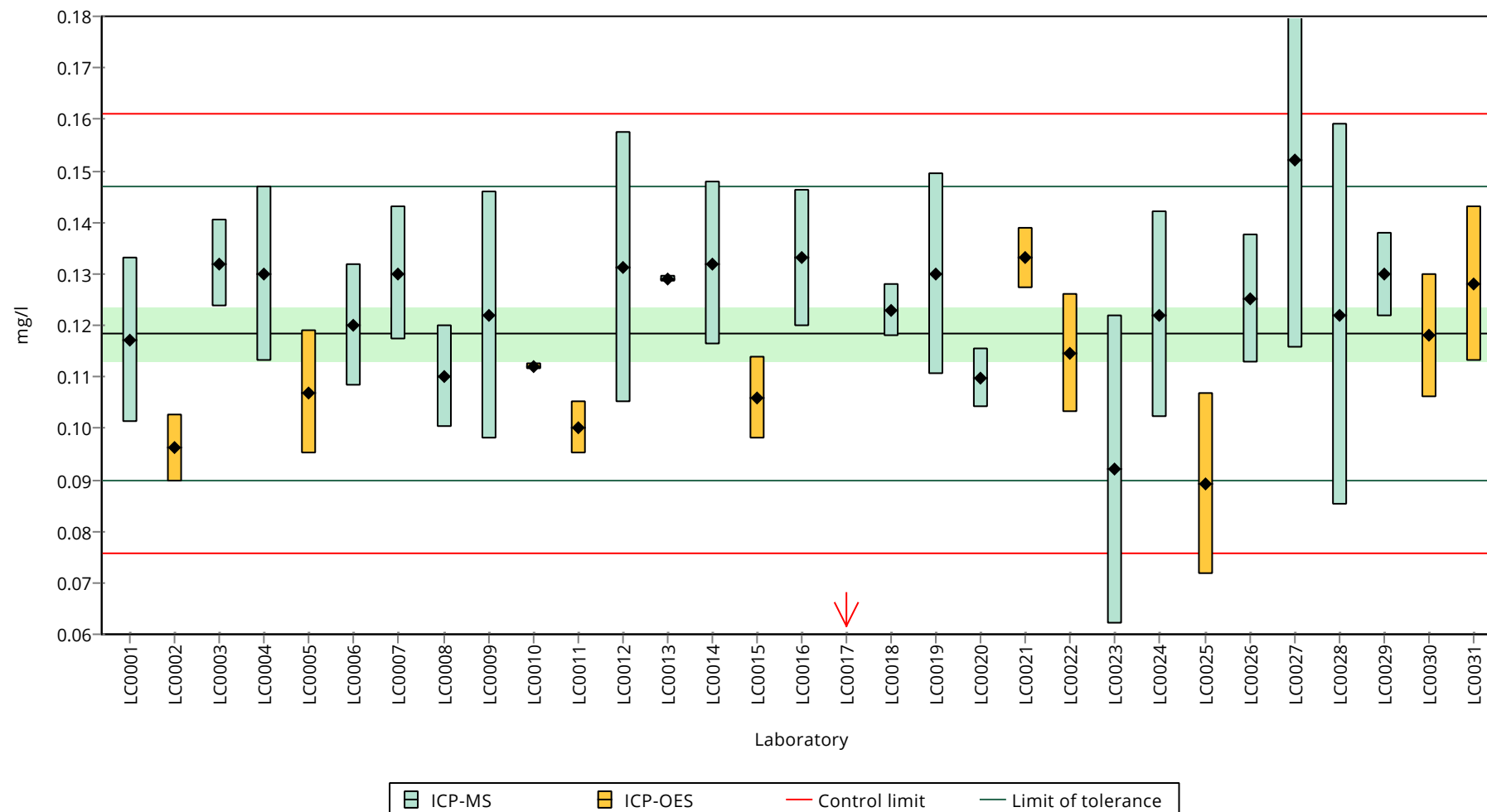
Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Barium

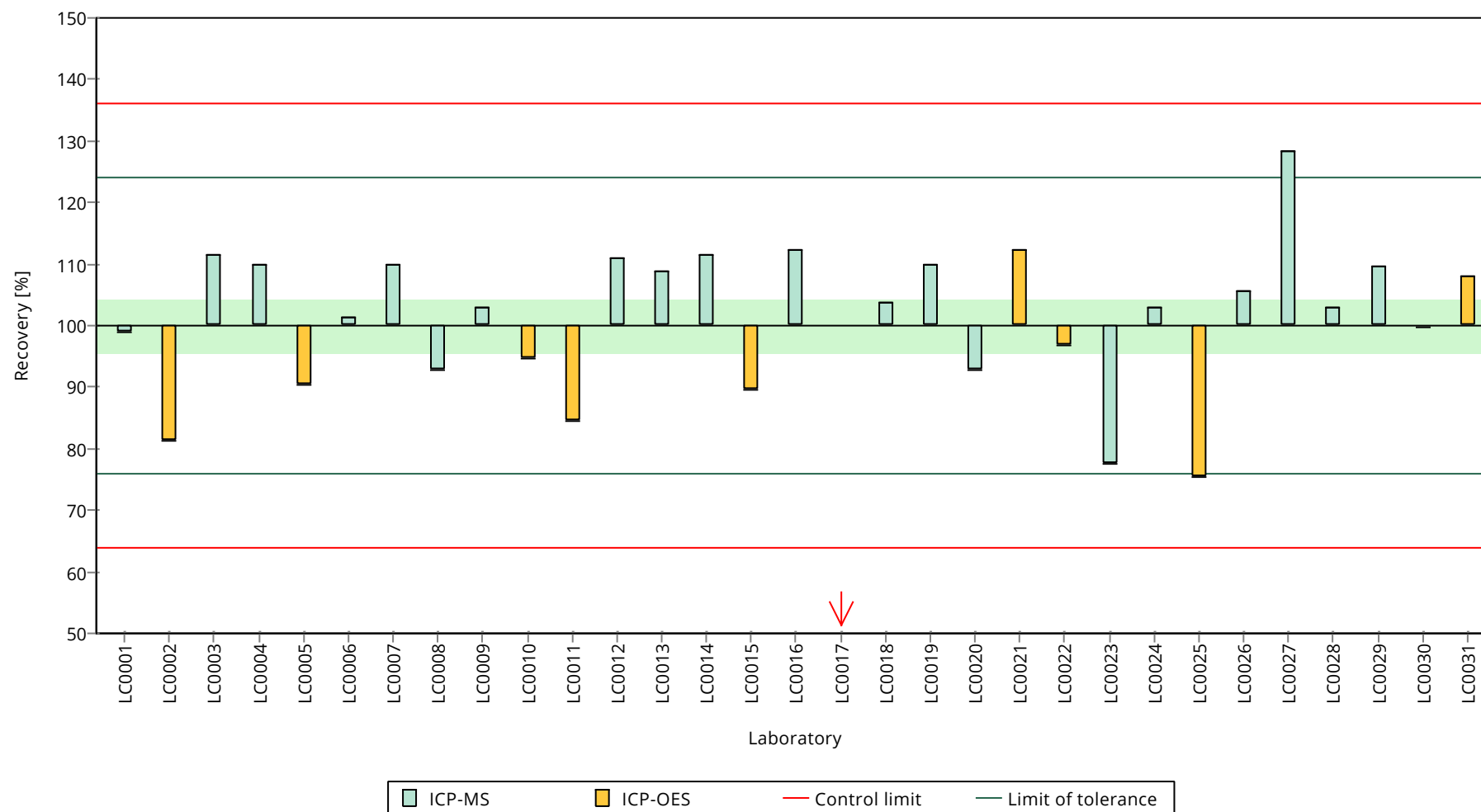
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	0.116 ± 0.013	0.12 ± 0.00771	mg/l
Minimum	0.0104	0.0892	mg/l
Maximum	0.152	0.152	mg/l
Standard deviation	0.024	0.0141	mg/l
rel. standard deviation	20.7	11.7	%
n	31	30	-

Graphical presentation of results

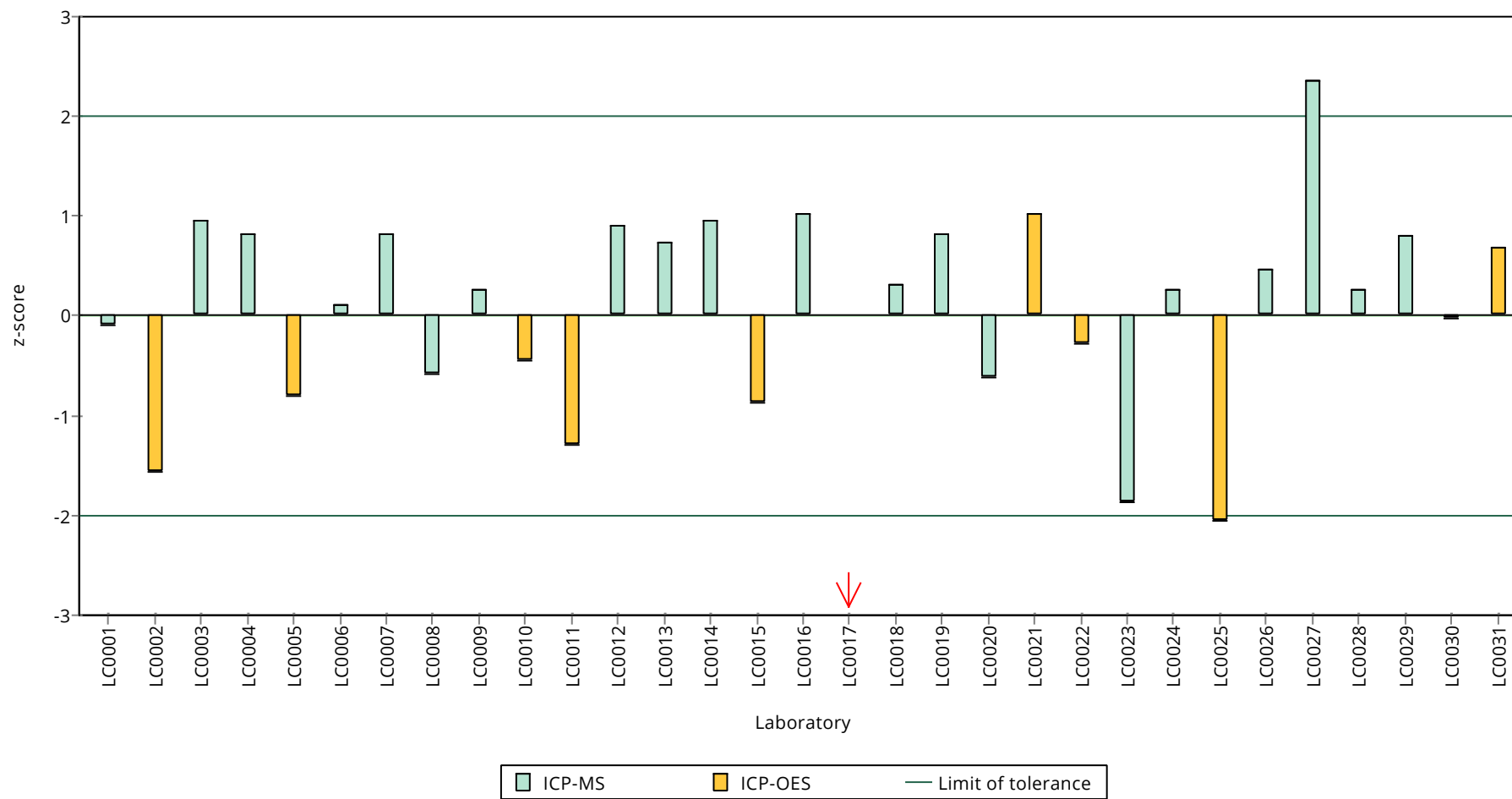
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Boron

Parameter oriented report

AB17

Boron

Unit mg/l
Assigned value $\pm$ U (k=2) 0.427 ± 0.0165
Criterion 0.0427 (10 %)
Minimum - Maximum $0.34 - 0.517$
Control test value $\pm$ U (k=2) 0.432 ± 0.0302

Labcode	Result $\pm$ U	Recovery [%]	z-Score	Comments
LC0001	0.445 ± 0.11	104	0.43	
LC0002	0.3843 ± 0.0169	90.1	-0.99	
LC0003	0.495 ± 0.052	116	1.6	
LC0004	0.46 ± 0.1196	108	0.78	
LC0005	0.396 ± 0.067	92.8	-0.72	
LC0006	0.43 ± 0.086	101	0.08	
LC0007	0.463 ± 0.046	109	0.85	
LC0008	0.4 ± 0.04	93.8	-0.62	
LC0009	0.449 ± 0.09	105	0.53	
LC0010	0.419 ± 0.00414	98.2	-0.18	
LC0011	0.34 ± 0.021	79.7	-2.03	
LC0012	0.38423 ± 0.07685	90.1	-0.99	
LC0013	0.488 ± 0.0075	114	1.44	
LC0014	0.0333 ± 0.0066	7.8	-9.22	H
LC0015	- $\pm$ -	-	-	
LC0016	0.453 ± 0.0453	106	0.62	
LC0017	0.399 ± 0.016	93.5	-0.65	
LC0018	0.4441 ± 0.0513	104	0.41	
LC0019	0.356 ± 0.0534	83.5	-1.65	
LC0020	0.413 ± 0.01652	96.8	-0.32	
LC0021	0.517 ± 0.1525	121	2.12	
LC0022	0.4088 ± 0.04088	95.8	-0.42	
LC0023	0.2123 ± 0.029	49.8	-5.02	H
LC0024	0.405 ± 0.12	94.9	-0.51	
LC0025	0.371 ± 0.074	87	-1.3	
LC0026	0.404 ± 0.04	94.7	-0.53	
LC0027	0.484 ± 0.116	113	1.35	
LC0028	0.453 ± 0.093	106	0.62	
LC0029	0.4315 ± 0.0602	101	0.12	
LC0030	0.425 ± 0.053	99.6	-0.04	
LC0031	- $\pm$ -	-	-	

Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

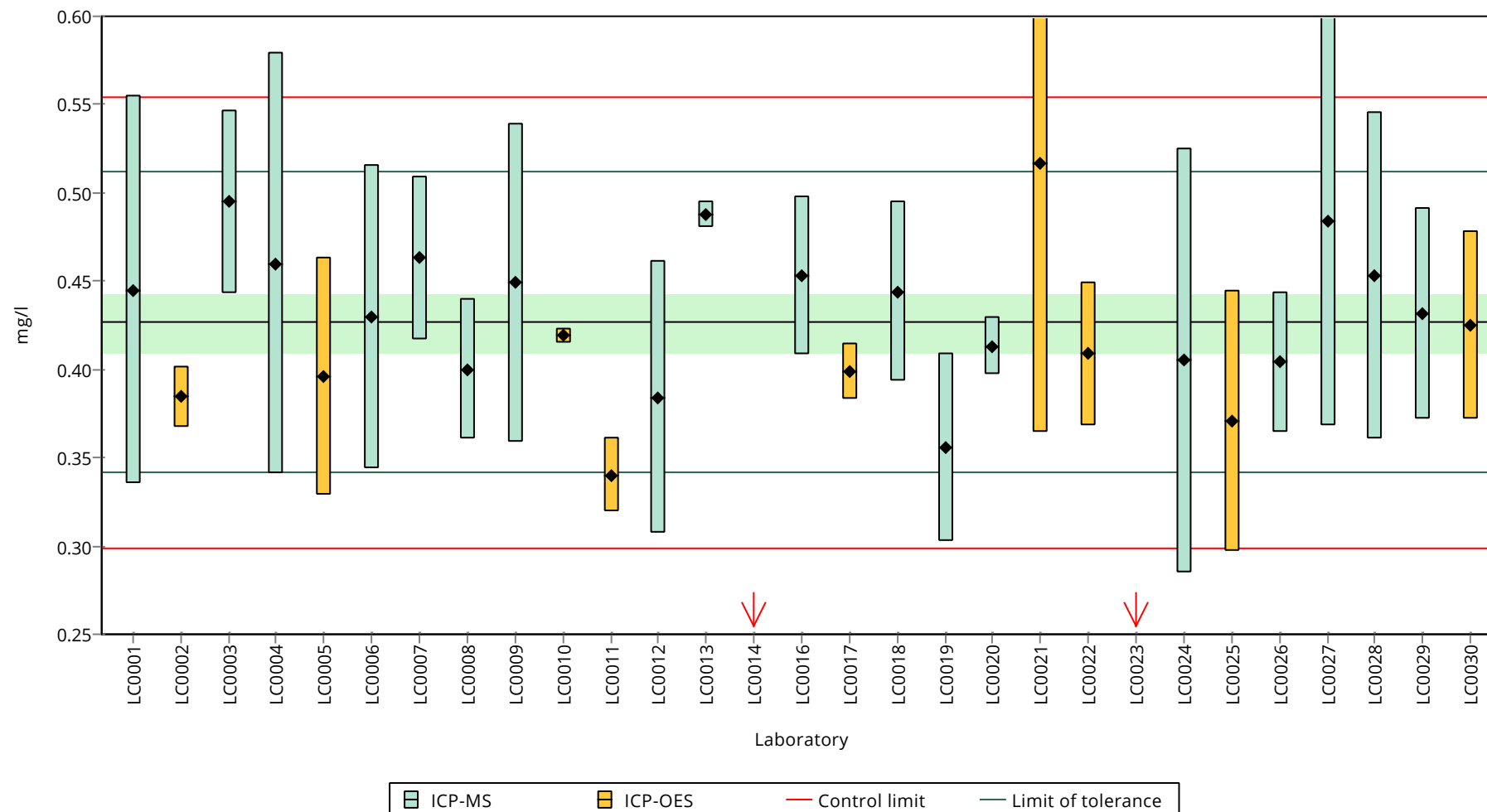
Sample: AB17, Parameter: Boron

Characteristics of parameter

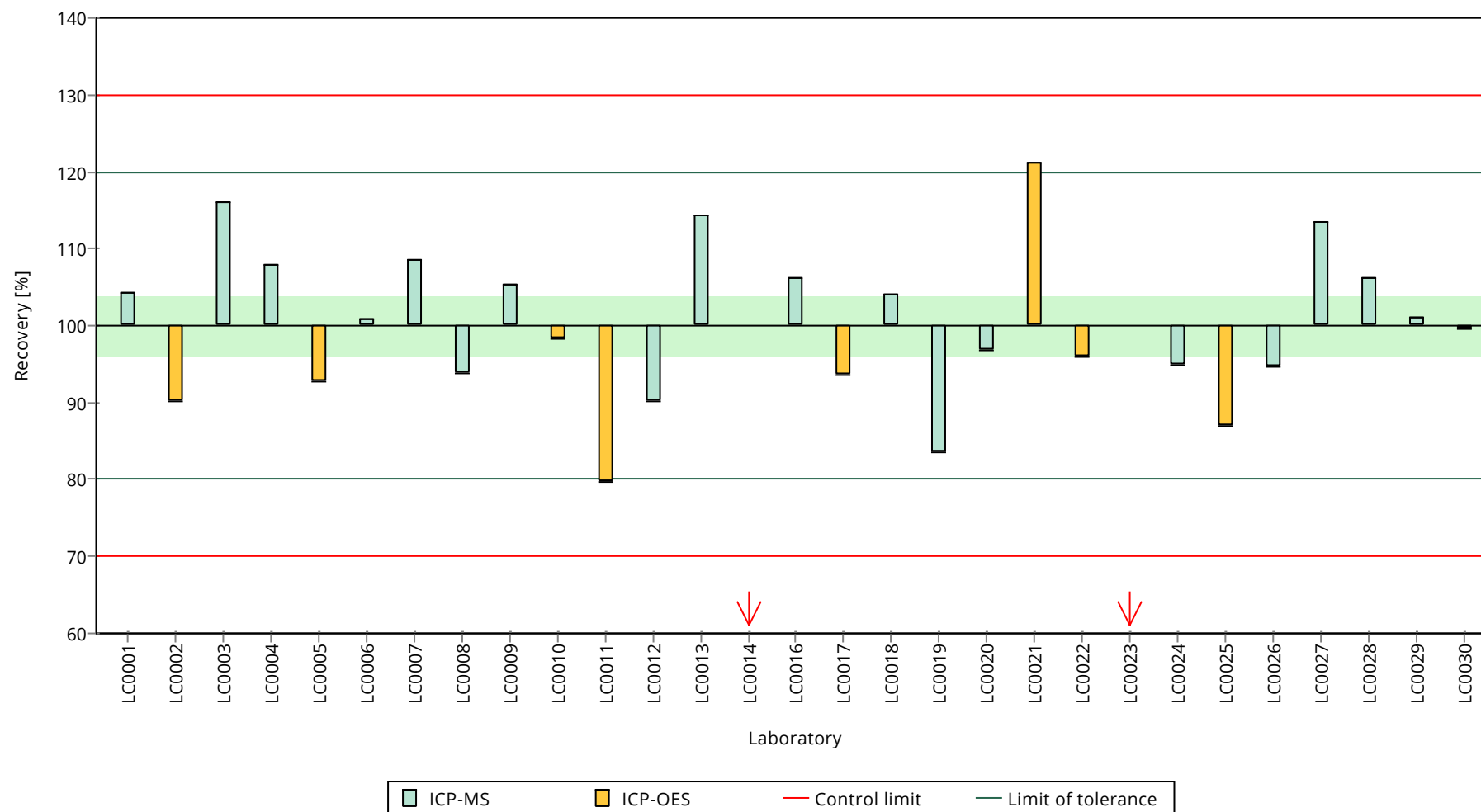
	all results	without outliers	Unit
Mean ± CI (99%)	0.406 ± 0.0511	0.427 ± 0.0248	mg/l
Minimum	0.0333	0.34	mg/l
Maximum	0.517	0.517	mg/l
Standard deviation	0.0918	0.043	mg/l
rel. standard deviation	22.6	10.1	%
n	29	27	-

Graphical presentation of results

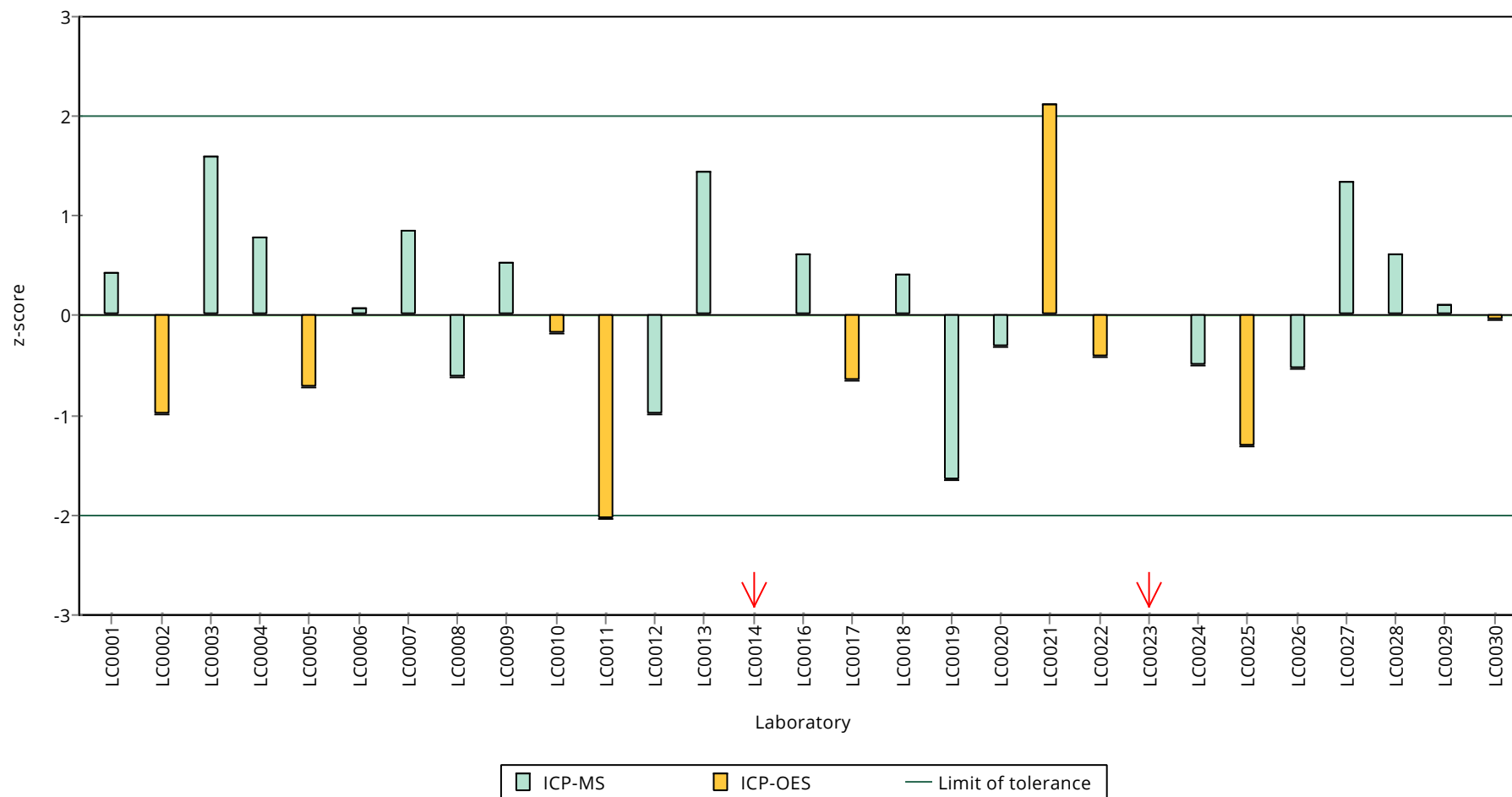
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Cadmium

Parameter oriented report

AB17

Cadmium *

Unit mg/l
Assigned value $\pm U$ (k=2) -
Criterion -
Minimum - Maximum 0.00012 - 0.000705
Control test value $\pm U$ (k=2) 0.0007 $\pm$ 0.000035

*Due to the high reproducibility standard deviation (>50%), no assigned value could be established for this parameter. For information purposes, the calculated mean value (MV $\pm$ 2SD) based on the results of the accredited laboratories (n) after outlier removal is provided. This data can be used for comparison as part of your internal QA measures.

MV (n=15, accr.) $\pm$ 2SD: 0.00029 $\pm$ 0.000392 mg/l

Labcode	Result $\pm U$	Recovery [%]	z-Score	Comments
LC0001	0.00031 $\pm$ 0.00012	-	-	
LC0002	< 0.0003 (LOQ) $\pm$ -	-	-	
LC0003	0.0013 $\pm$ 0.00011	-	-	H
LC0004	0.00012 $\pm$ 0.00001	-	-	
LC0005	< 0.01 (LOQ) $\pm$ -	-	-	
LC0006	0.00017 $\pm$ 0.00002	-	-	
LC0007	0.00016 $\pm$ 0.00002	-	-	
LC0008	0.00034 $\pm$ 0.00006	-	-	
LC0009	< 0.001 (LOQ) $\pm$ -	-	-	
LC0010	0.001 $\pm$ 0.00024	-	-	H
LC0011	0.00013 $\pm$ 0.00003	-	-	
LC0012	0.00068 $\pm$ 0.00014	-	-	
LC0013	0.00014 $\pm$ 0.0001	-	-	
LC0014	0.00018 $\pm$ 0.00001	-	-	
LC0015	- $\pm$ -	-	-	
LC0016	0.00012 $\pm$ 0.00001	-	-	
LC0017	< 0.00014 (LOQ) $\pm$ -	-	-	
LC0018	0.00045 $\pm$ 0.00003	-	-	
LC0019	< 0.0003 (LOQ) $\pm$ -	-	-	
LC0020	0.00031 $\pm$ 0.00001	-	-	
LC0021	< 0.0015 (LOQ) $\pm$ -	-	-	
LC0022	< 0.001 (LOQ) $\pm$ -	-	-	
LC0023	0.0007 $\pm$ 0.0001	-	-	
LC0024	< 0.0005 (LOQ) $\pm$ -	-	-	
LC0025	< 0.0002 (LOQ) $\pm$ -	-	-	
LC0026	0.00013 $\pm$ 0.00001	-	-	
LC0027	< 0.0015 (LOQ) $\pm$ -	-	-	
LC0028	0.00016 $\pm$ 0.00005	-	-	
LC0029	< 0.00035 (LOQ) $\pm$ -	-	-	
LC0030	< 0.004 (LOQ) $\pm$ -	-	-	
LC0031	0.00041 $\pm$ 0.00016	-	-	

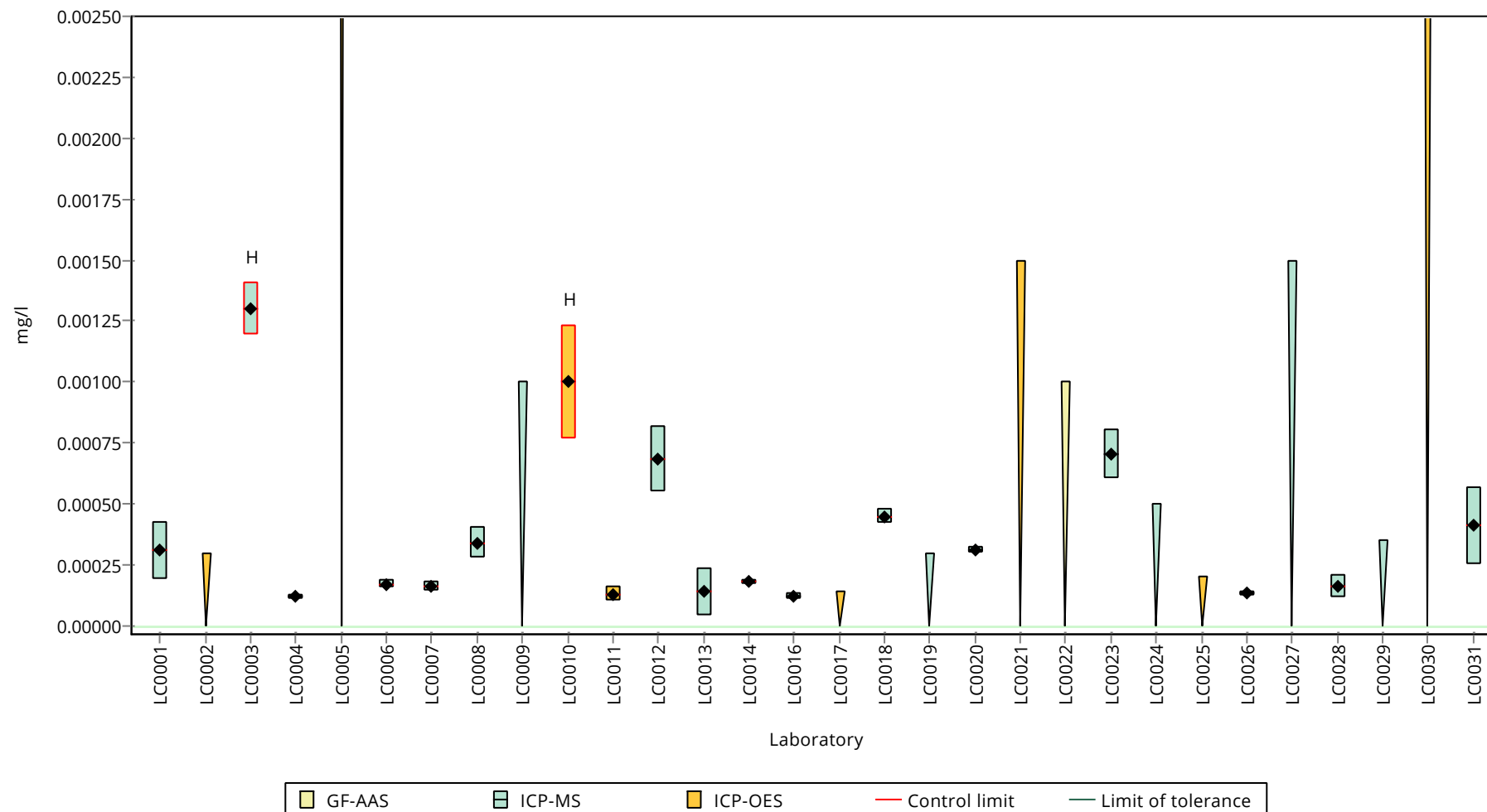
Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Cadmium

Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	0.000379 ± 0.000239	0.000283 ± 0.000145	mg/l
Minimum	0.00012	0.00012	mg/l
Maximum	0.0013	0.000705	mg/l
Standard deviation	0.000338	0.000193	mg/l
rel. standard deviation	89.1	68	%
n	18	16	-

Graphical presentation of results

Results



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Chromium

Parameter oriented report

AB17

Chromium

Unit mg/l
Assigned value $\pm$ U (k=2) 0.356 ± 0.0125
Criterion 0.0356 (10 %)
Minimum - Maximum $0.284 - 0.416$
Control test value $\pm$ U (k=2) 0.368 ± 0.0404

Labcode	Result $\pm$ U	Recovery [%]	z-Score	Comments
LC0001	0.36 ± 0.089	101	0.1	
LC0002	0.2837 ± 0.0185	79.6	-2.04	
LC0003	0.416 ± 0.024	117	1.67	
LC0004	0.36 ± 0.029	101	0.1	
LC0005	0.323 ± 0.052	90.6	-0.94	
LC0006	0.38 ± 0.038	107	0.66	
LC0007	0.352 ± 0.035	98.8	-0.12	
LC0008	0.32 ± 0.045	89.8	-1.02	
LC0009	0.361 ± 0.036	101	0.13	
LC0010	0.362 ± 0.00639	102	0.16	
LC0011	0.4 ± 0.01	112	1.22	
LC0012	0.39764 ± 0.07953	112	1.16	
LC0013	0.3157 ± 0.0011	88.6	-1.14	
LC0014	0.366 ± 0.025	103	0.27	
LC0015	0.3445 ± 0.026	96.7	-0.33	
LC0016	0.397 ± 0.0397	111	1.14	
LC0017	0.357 ± 0.016	100	0.02	
LC0018	0.3557 ± 0.0253	99.8	-0.02	
LC0019	0.389 ± 0.05835	109	0.91	
LC0020	0.34287 ± 0.02297	96.2	-0.38	
LC0021	0.394 ± 0.0158	111	1.05	
LC0022	0.291 ± 0.0582	81.6	-1.84	
LC0023	0.3502 ± 0.06	98.3	-0.17	
LC0024	0.362 ± 0.047	102	0.16	
LC0025	0.287 ± 0.057	80.5	-1.95	
LC0026	0.357 ± 0.036	100	0.02	
LC0027	0.388 ± 0.136	109	0.89	
LC0028	0.396 ± 0.12	111	1.11	
LC0029	0.3458 ± 0.0346	97	-0.3	
LC0030	0.338 ± 0.034	94.8	-0.52	
LC0031	- $\pm$ -	-	-	

Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

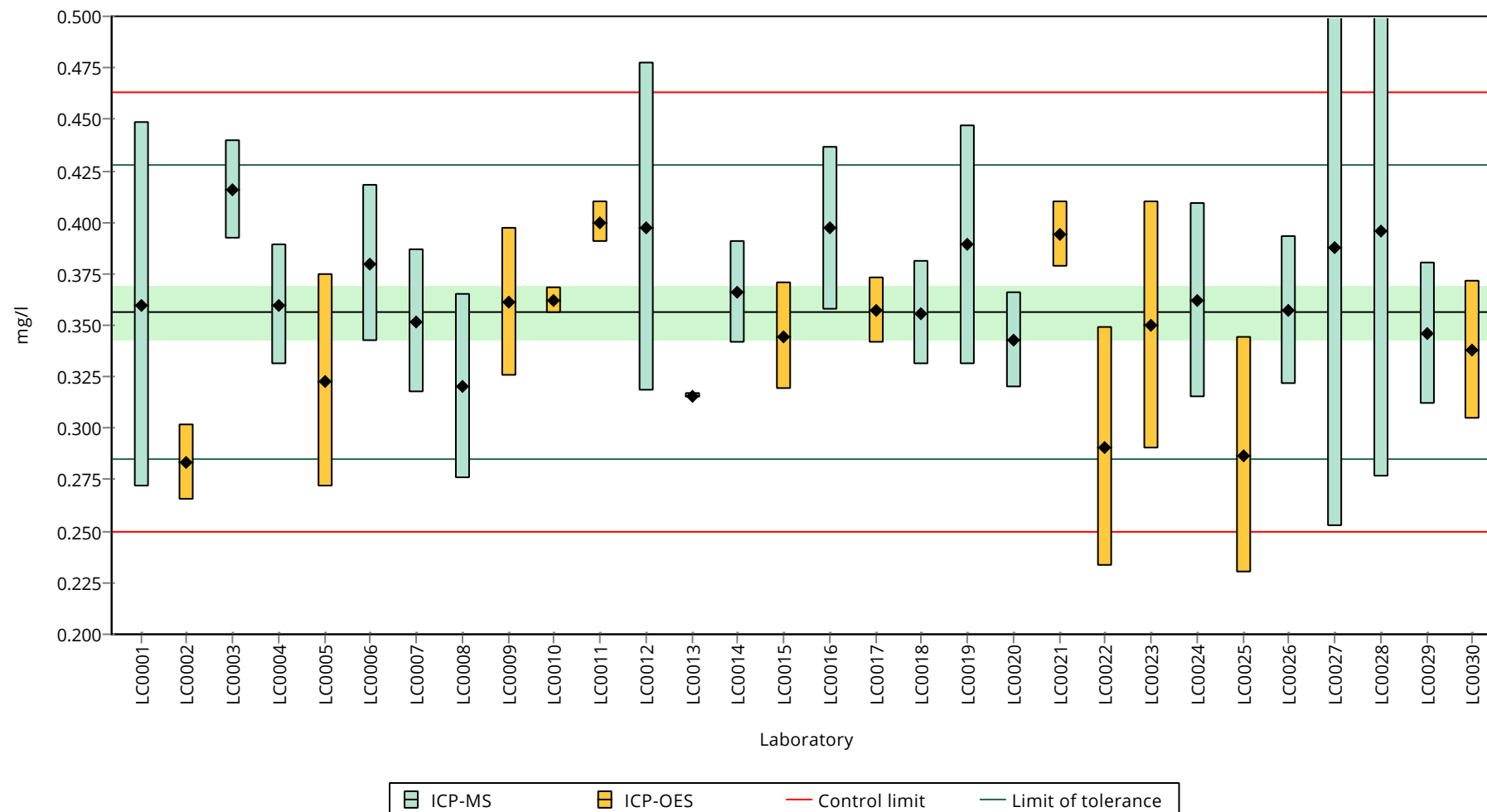
Sample: AB17, Parameter: Chromium

Characteristics of parameter

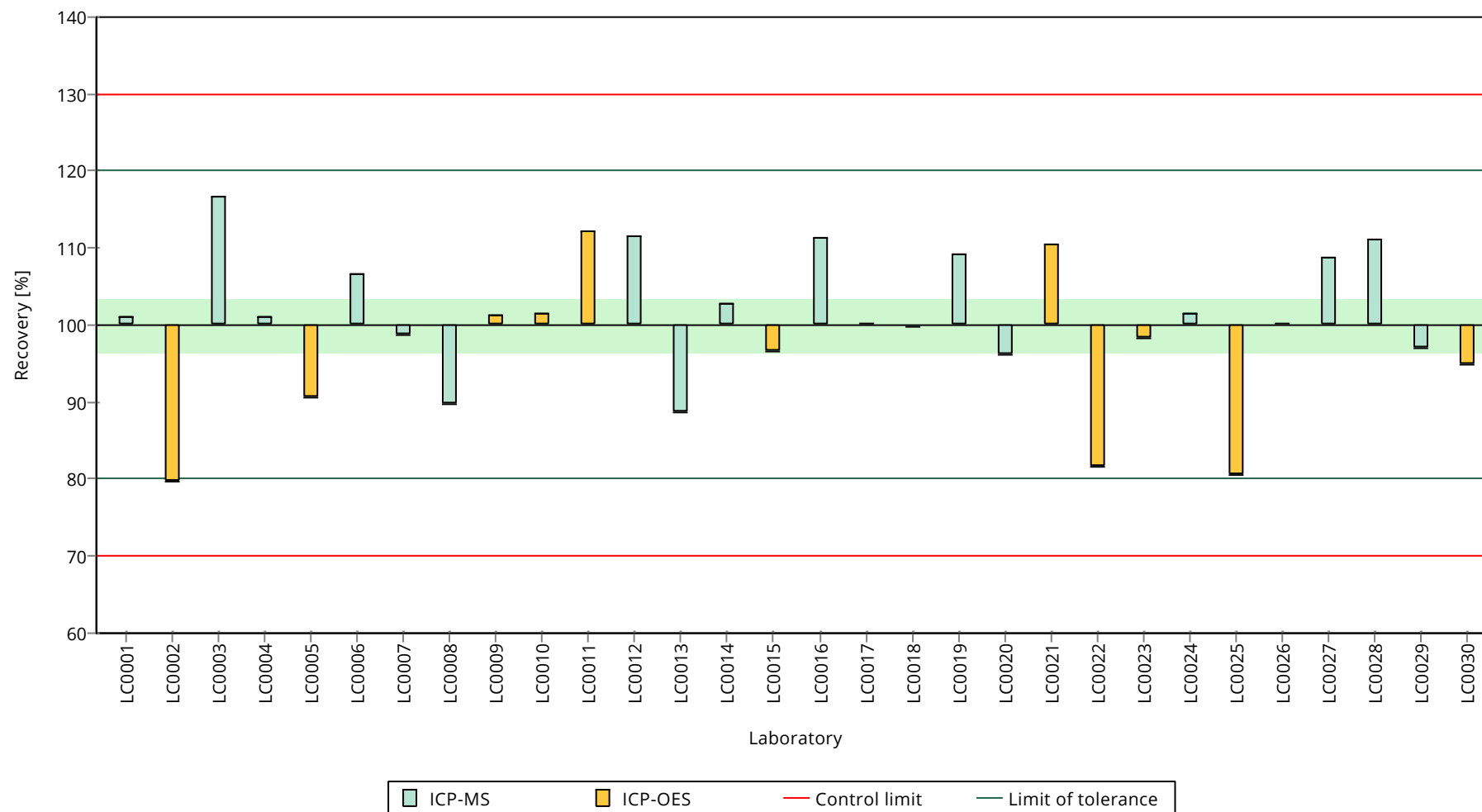
	all results	without outliers	Unit
Mean ± CI (99%)	0.356 ± 0.0187	0.356 ± 0.0187	mg/l
Minimum	0.284	0.284	mg/l
Maximum	0.416	0.416	mg/l
Standard deviation	0.0342	0.0342	mg/l
rel. standard deviation	9.6	9.6	%
n	30	30	-

Graphical presentation of results

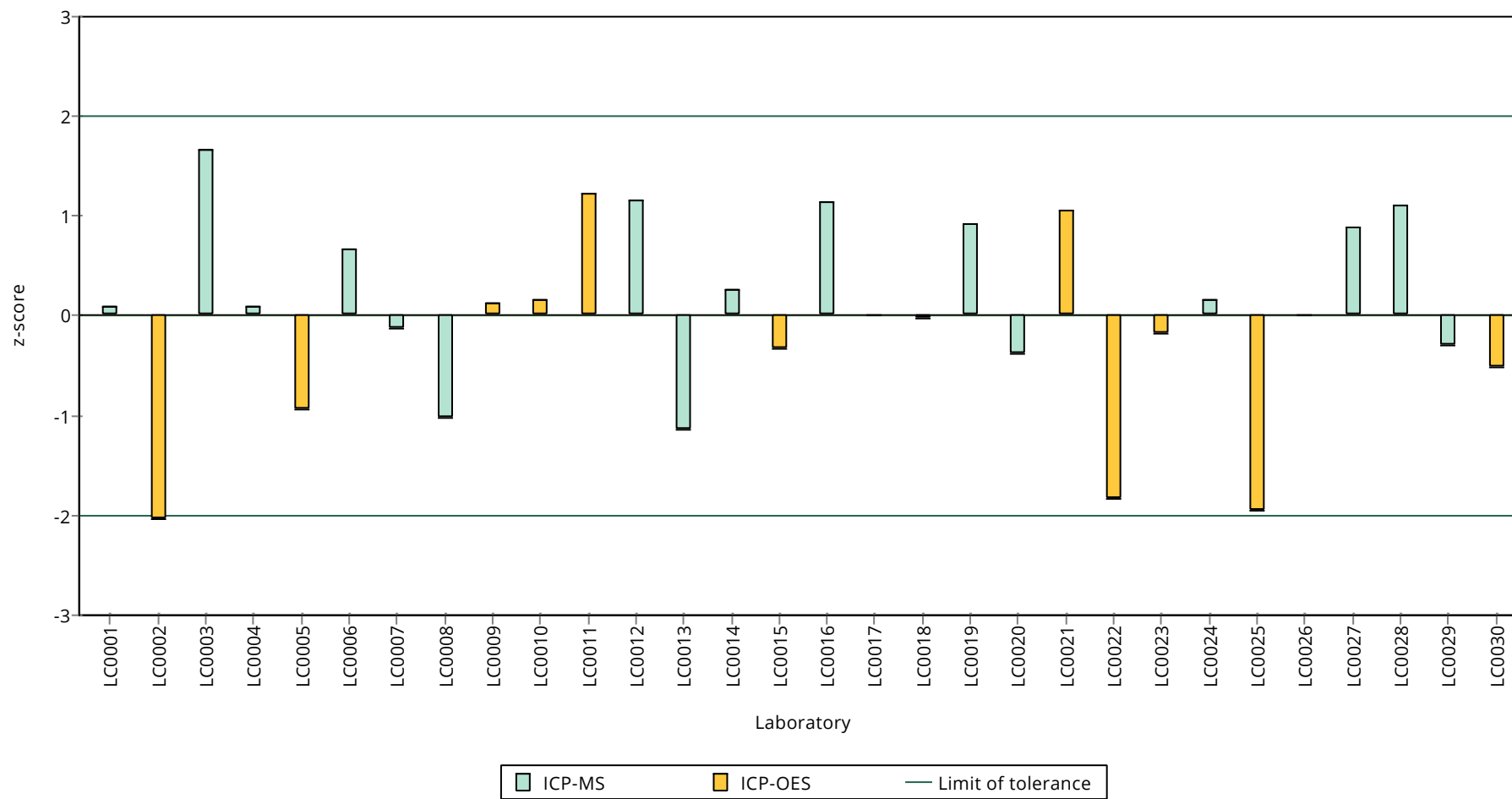
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Cobalt

Parameter oriented report

AB17

Cobalt

Unit mg/l
Assigned value $\pm$ U (k=2) 0.0193 $\pm$ 0.000944
Criterion 0.00251 (13 %)
Minimum - Maximum 0.0139 - 0.024
Control test value $\pm$ U (k=2) 0.0183 $\pm$ 0.0011

Labcode	Result $\pm$ U	Recovery [%]	z-Score	Comments
LC0001	0.0197 $\pm$ 0.0023	102	0.16	
LC0002	0.0139 $\pm$ 0.0003	72	-2.16	
LC0003	0.024 $\pm$ 0.0013	124	1.87	
LC0004	0.019 $\pm$ 0.003	98.4	-0.12	
LC0005	0.017 $\pm$ 0.0015	88	-0.92	
LC0006	0.02 $\pm$ 0.004	104	0.27	
LC0007	0.0199 $\pm$ 0.002	103	0.23	
LC0008	0.0188 $\pm$ 0.0018	97.4	-0.2	
LC0009	0.018 $\pm$ 0.002	93.2	-0.52	
LC0010	0.019 $\pm$ 0.00047	98.4	-0.12	
LC0011	0.018 $\pm$ 0.00082	93.2	-0.52	
LC0012	0.02096 $\pm$ 0.00419	109	0.66	
LC0013	0.0195 $\pm$ 0.0002	101	0.08	
LC0014	0.0181 $\pm$ 0.0015	93.7	-0.48	
LC0015	- $\pm$ -	-	-	
LC0016	0.0213 $\pm$ 0.00213	110	0.79	
LC0017	0.0152 $\pm$ 0.001	78.7	-1.64	
LC0018	0.0196 $\pm$ 0.0029	102	0.12	
LC0019	0.022 $\pm$ 0.0033	114	1.07	
LC0020	0.0176 $\pm$ 0.00088	91.1	-0.68	
LC0021	0.0225 $\pm$ 0.0013	117	1.27	
LC0022	< 0.02 (LOQ) $\pm$ -	-	-	
LC0023	0.01881 $\pm$ 0.005	97.4	-0.2	
LC0024	0.0204 $\pm$ 0.002	106	0.43	
LC0025	0.0144 $\pm$ 0.0029	74.6	-1.96	
LC0026	0.0193 $\pm$ 0.002	99.9	0.00	
LC0027	0.0191 $\pm$ 0.00516	98.9	-0.08	
LC0028	0.0218 $\pm$ 0.004	113	0.99	
LC0029	< 0.025 (LOQ) $\pm$ -	-	-	
LC0030	< 0.06 (LOQ) $\pm$ -	-	-	
LC0031	0.0235 $\pm$ 0.0042	122	1.67	

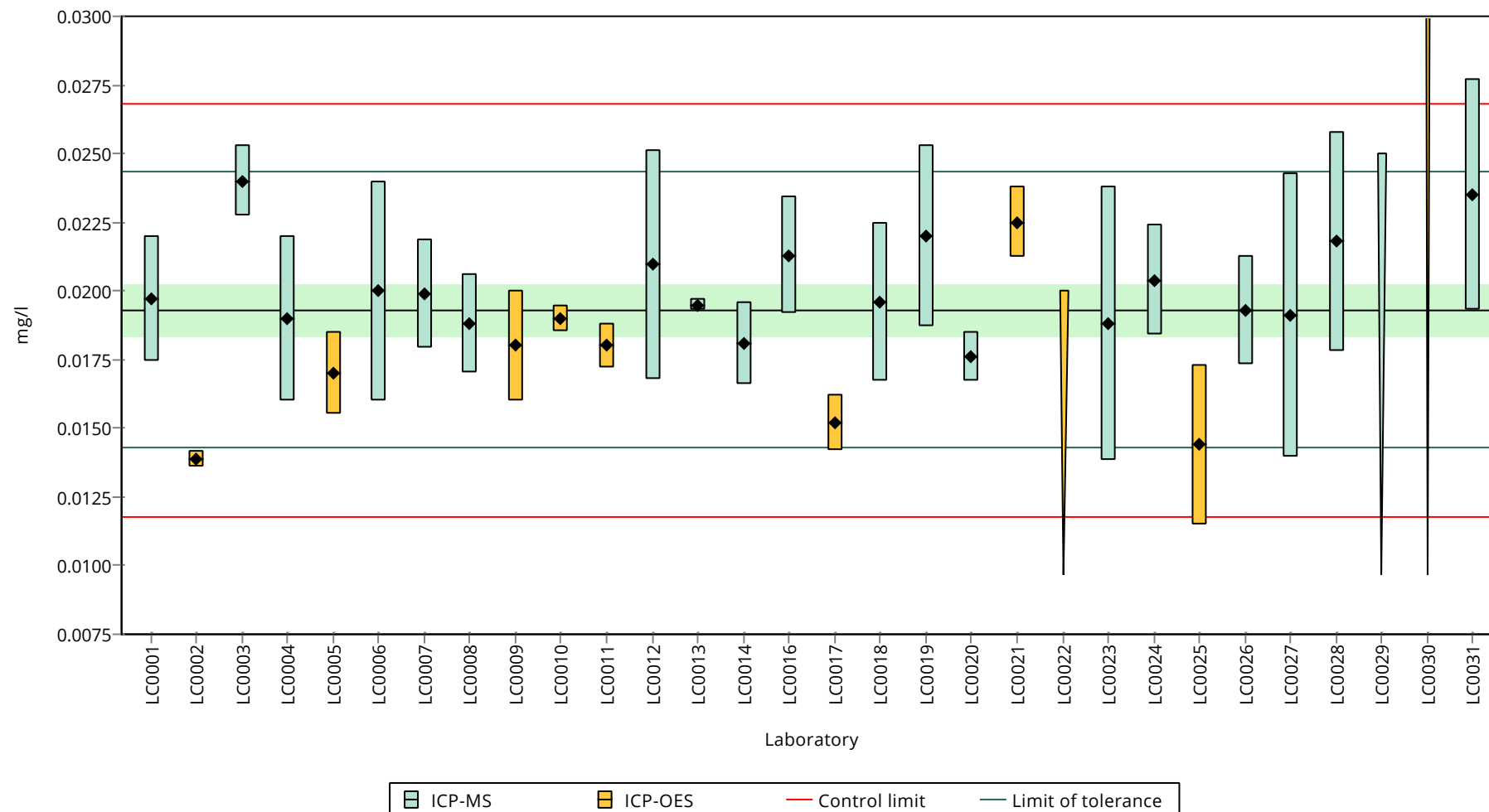
Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Cobalt

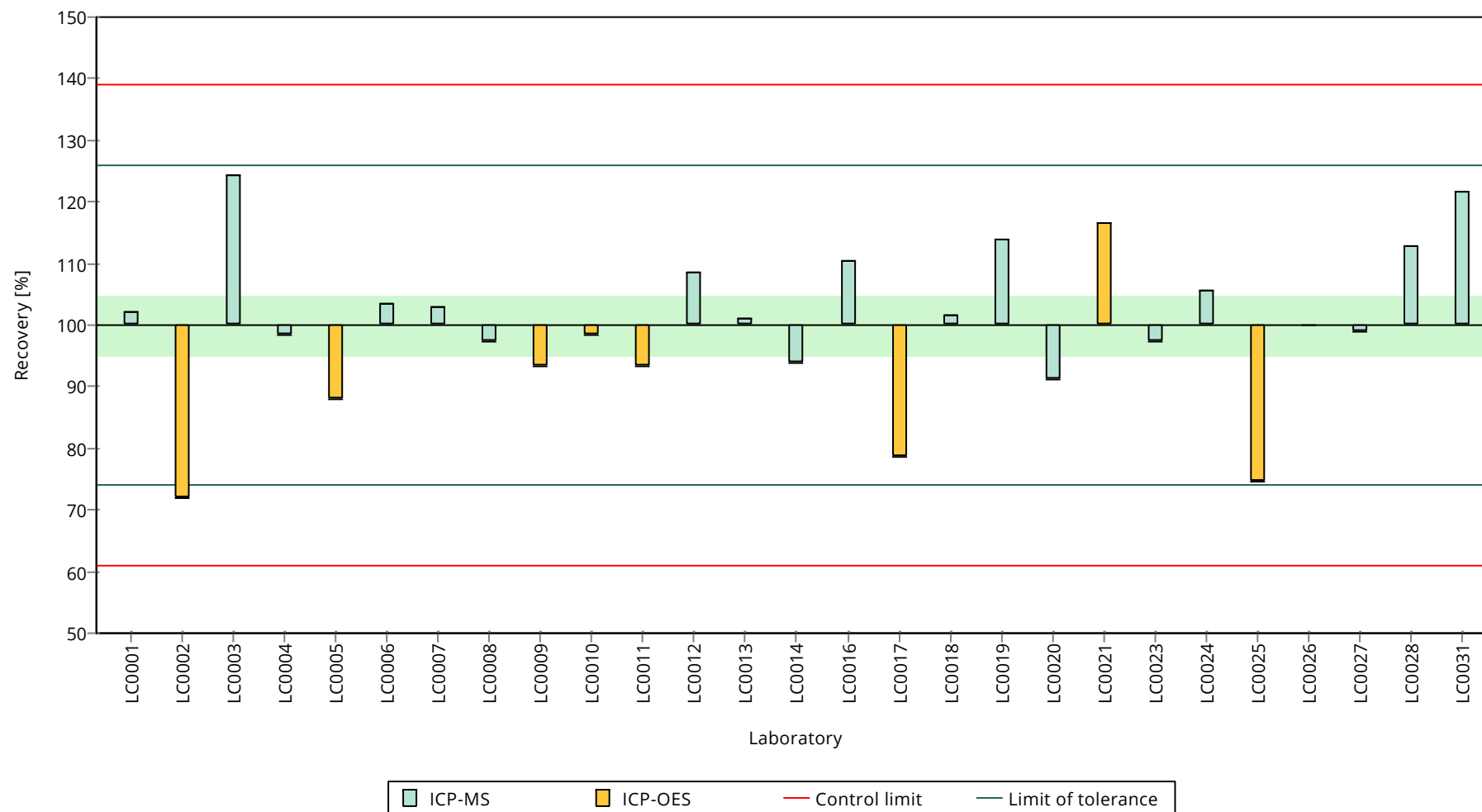
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	0.0193 ± 0.00142	0.0193 ± 0.00142	mg/l
Minimum	0.0139	0.0139	mg/l
Maximum	0.024	0.024	mg/l
Standard deviation	0.00245	0.00245	mg/l
rel. standard deviation	12.7	12.7	%
n	27	27	-

Graphical presentation of results

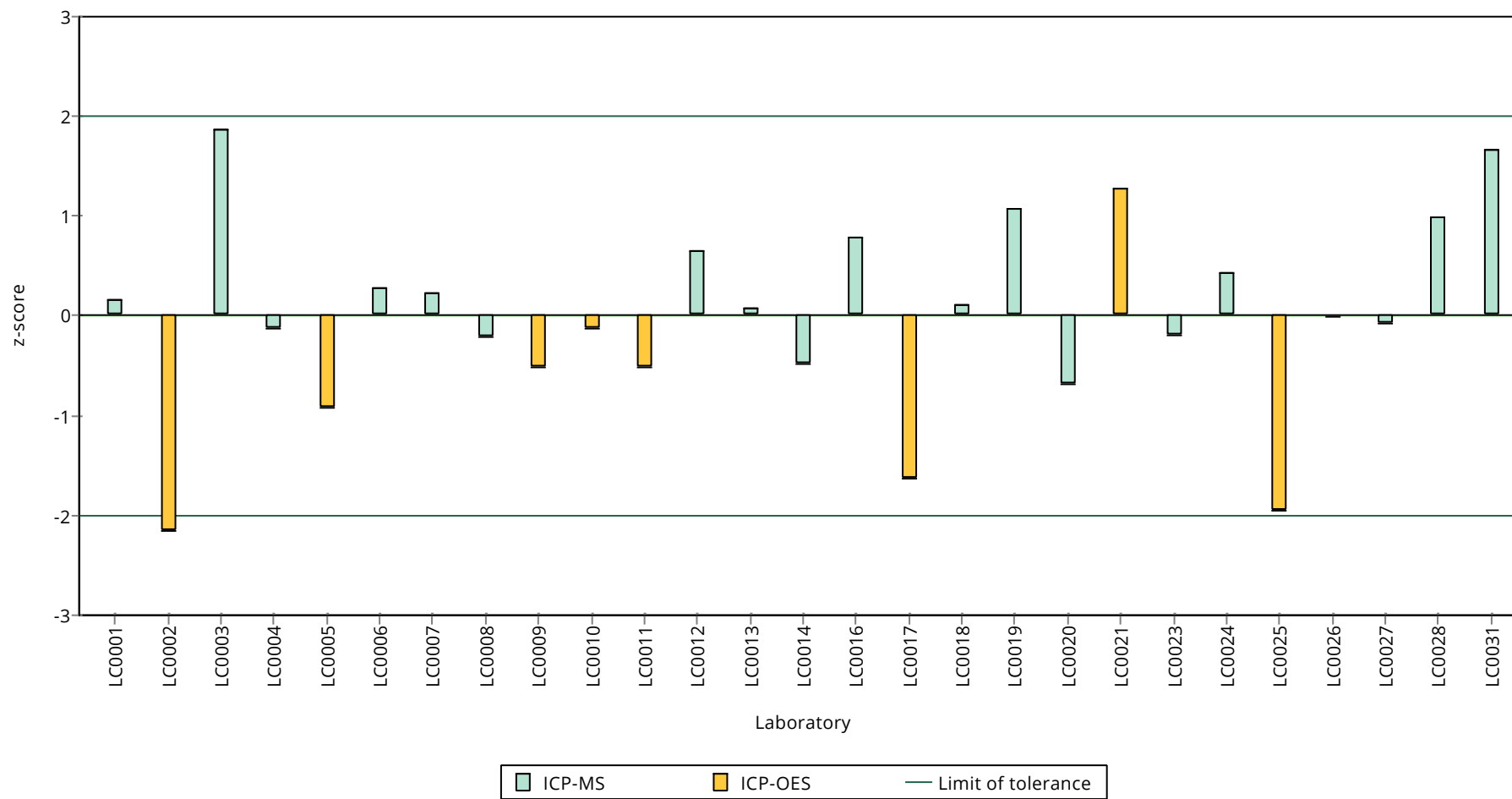
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Copper

Parameter oriented report

AB17

Copper

Unit mg/l
Assigned value $\pm U$ (k=2) 0.383 ± 0.0107
Criterion 0.0383 (10 %)
Minimum - Maximum $0.331 - 0.438$
Control test value $\pm U$ (k=2) 0.39 ± 0.0468

Labcode	Result $\pm U$	Recovery [%]	z-Score	Comments
LC0001	0.381 ± 0.082	99.5	-0.05	
LC0002	0.3466 ± 0.0227	90.5	-0.95	
LC0003	0.425 ± 0.0157	111	1.1	
LC0004	0.36 ± 0.05	94	-0.6	
LC0005	0.389 ± 0.058	102	0.16	
LC0006	0.39 ± 0.039	102	0.18	
LC0007	0.369 ± 0.037	96.3	-0.37	
LC0008	0.4 ± 0.076	104	0.44	
LC0009	0.431 ± 0.043	113	1.25	
LC0010	0.357 ± 0.00426	93.2	-0.68	
LC0011	0.4 ± 0.012	104	0.44	
LC0012	0.39551 ± 0.0791	103	0.33	
LC0013	0.3606 ± 0.0021	94.1	-0.59	
LC0014	0.436 ± 0.087	114	1.38	
LC0015	0.331 ± 0.05	86.4	-1.36	
LC0016	0.393 ± 0.0393	103	0.26	
LC0017	0.339 ± 0.014	88.5	-1.15	
LC0018	0.3743 ± 0.0317	97.7	-0.23	
LC0019	0.382 ± 0.0573	99.7	-0.03	
LC0020	0.36456 ± 0.02224	95.2	-0.48	
LC0021	0.438 ± 0.0258	114	1.44	
LC0022	0.349 ± 0.0698	91.1	-0.89	
LC0023	0.3948 ± 0.07	103	0.31	
LC0024	0.379 ± 0.07	99	-0.1	
LC0025	0.283 ± 0.057	73.9	-2.61	H
LC0026	0.366 ± 0.037	95.6	-0.44	
LC0027	0.381 ± 0.0876	99.5	-0.05	
LC0028	0.407 ± 0.12	106	0.63	
LC0029	0.3431 ± 0.0433	89.6	-1.04	
LC0030	0.382 ± 0.038	99.7	-0.03	
LC0031	0.426 ± 0.067	111	1.12	

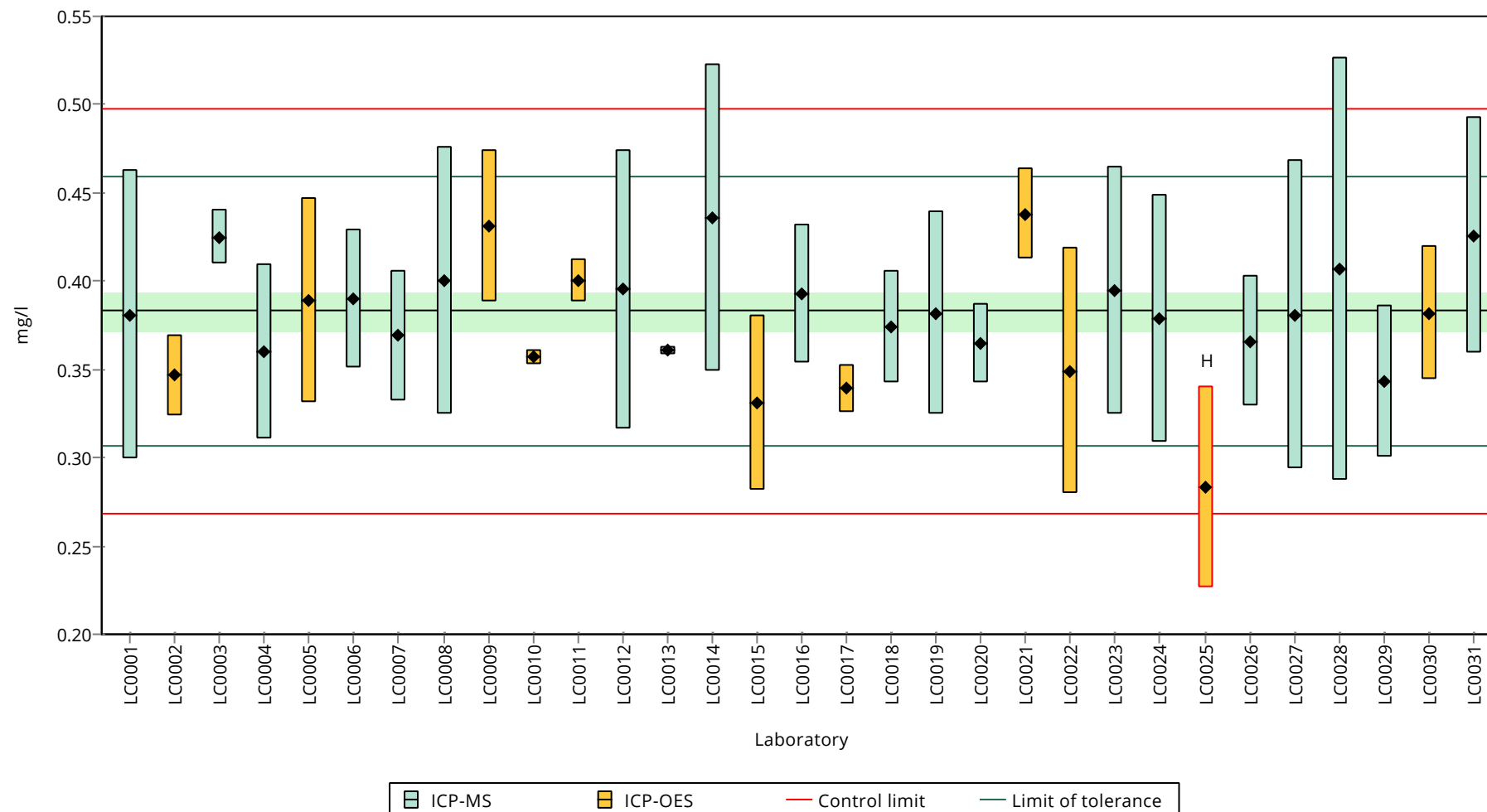
Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Copper

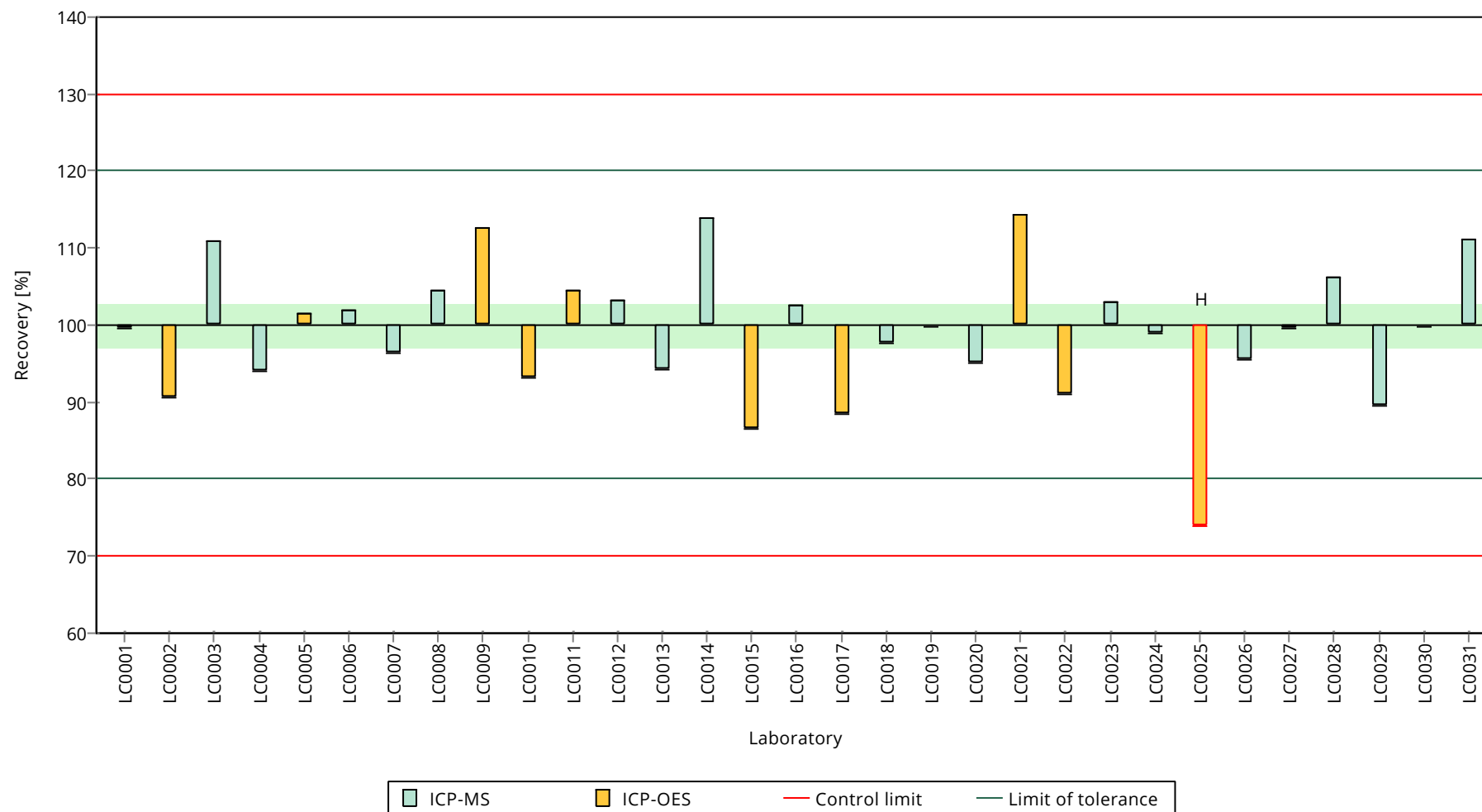
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	0.38 ± 0.0182	0.383 ± 0.016	mg/l
Minimum	0.283	0.331	mg/l
Maximum	0.438	0.438	mg/l
Standard deviation	0.0339	0.0292	mg/l
rel. standard deviation	8.92	7.62	%
n	31	30	-

Graphical presentation of results

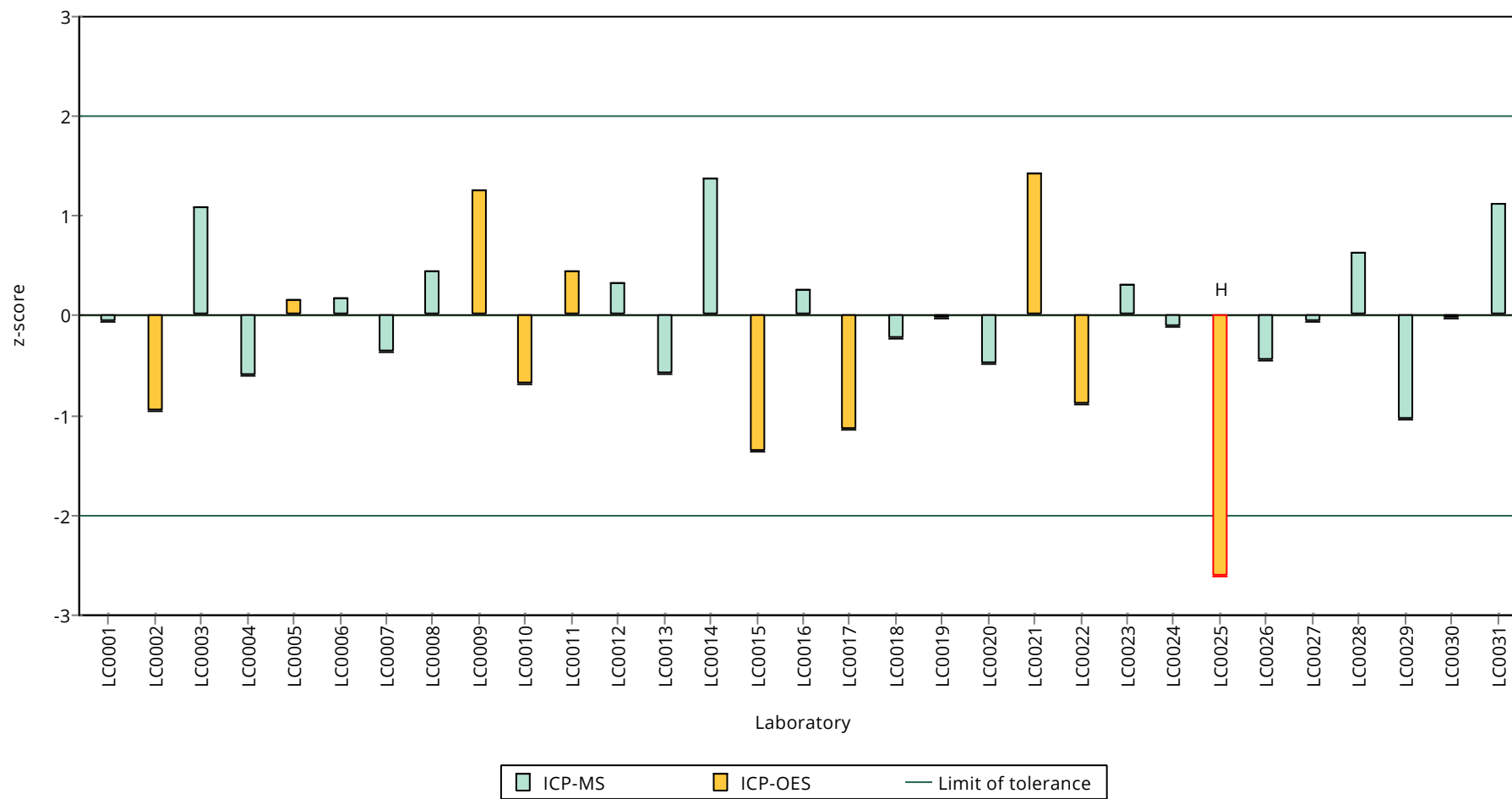
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Iron

Parameter oriented report

AB17

Iron

Unit mg/l
Assigned value $\pm U$ (k=2) 0.0639 ± 0.00415
Criterion 0.0109 (17 %)
Minimum - Maximum $0.042 - 0.083$
Control test value $\pm U$ (k=2) 0.0686 ± 0.00823

Labcode	Result $\pm U$	Recovery [%]	z-Score	Comments
LC0001	- $\pm$ -	-	-	
LC0002	0.0467 ± 0.0014	73.1	-1.58	
LC0003	0.186 ± 0.0063	291	11.24	H
LC0004	0.065 ± 0.005	102	0.1	
LC0005	0.056 ± 0.0073	87.6	-0.73	
LC0006	0.07 ± 0.007	110	0.56	
LC0007	0.0729 ± 0.0073	114	0.83	
LC0008	0.063 ± 0.0057	98.6	-0.08	
LC0009	0.065 ± 0.0065	102	0.1	
LC0010	0.065 ± 0.00088	102	0.1	
LC0011	0.064 ± 0.0027	100	0.01	
LC0012	0.08295 ± 0.01659	130	1.75	
LC0013	0.0645 ± 0.0007	101	0.06	
LC0014	0.0564 ± 0.0076	88.3	-0.69	
LC0015	- $\pm$ -	-	-	
LC0016	0.072 ± 0.0072	113	0.75	
LC0017	0.0504 ± 0.056	78.9	-1.24	
LC0018	0.06805 ± 0.0069	106	0.38	
LC0019	0.08 ± 0.012	125	1.48	
LC0020	0.06822 ± 0.00887	107	0.4	
LC0021	0.0766 ± 0.009	120	1.17	
LC0022	0.04475 ± 0.0067	70	-1.76	
LC0023	0.05806 ± 0.01	90.9	-0.54	
LC0024	0.0663 ± 0.014	104	0.22	
LC0025	0.0495 ± 0.0099	77.5	-1.33	
LC0026	0.071 ± 0.007	111	0.65	
LC0027	0.042 ± 0.0105	65.7	-2.02	
LC0028	0.0658 ± 0.026	103	0.18	
LC0029	< 0.1 (LOQ) $\pm$ -	-	-	
LC0030	0.061 ± 0.0061	95.5	-0.27	
LC0031	0.0801 ± 0.0141	125	1.49	

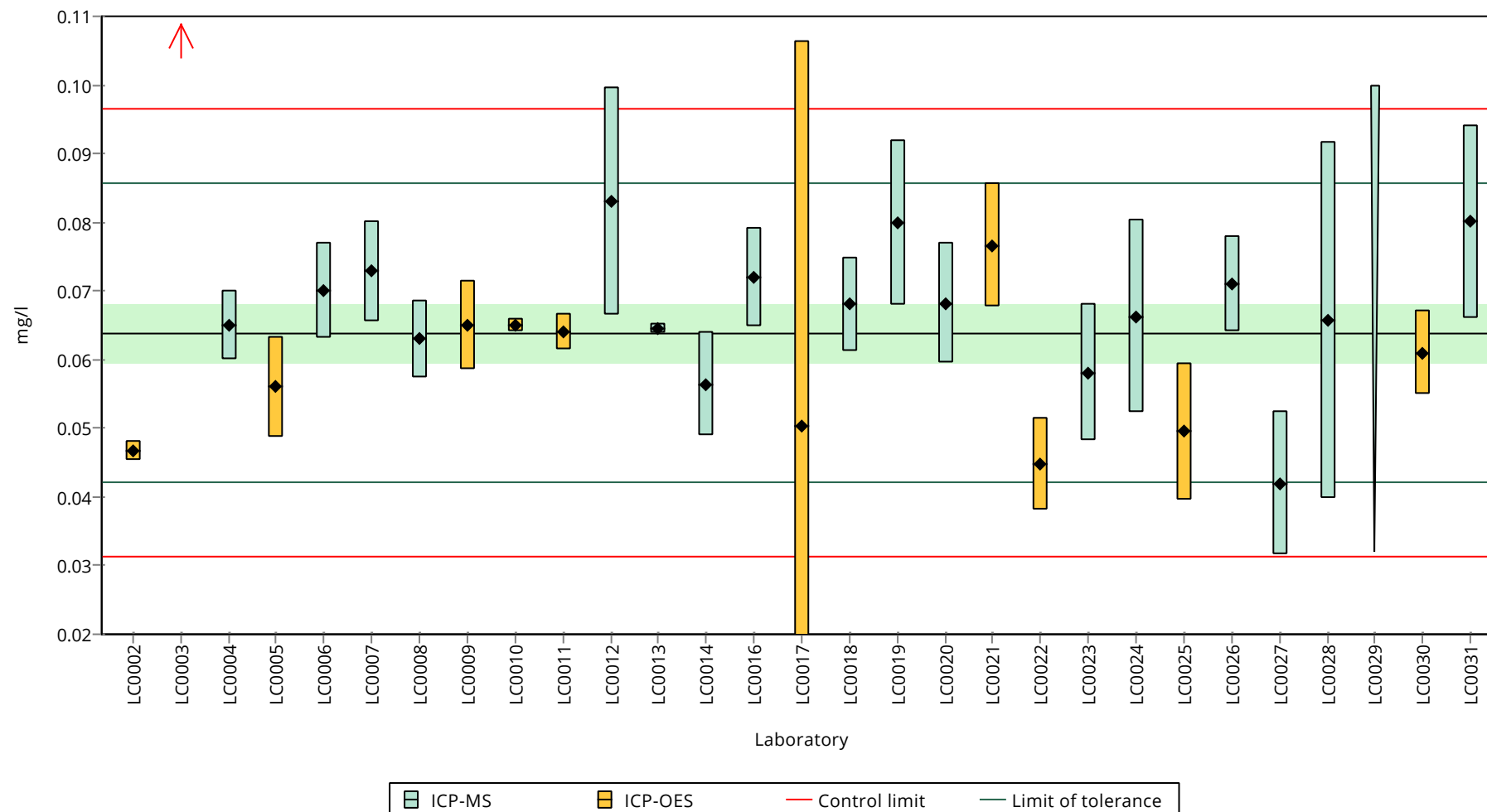
Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Iron

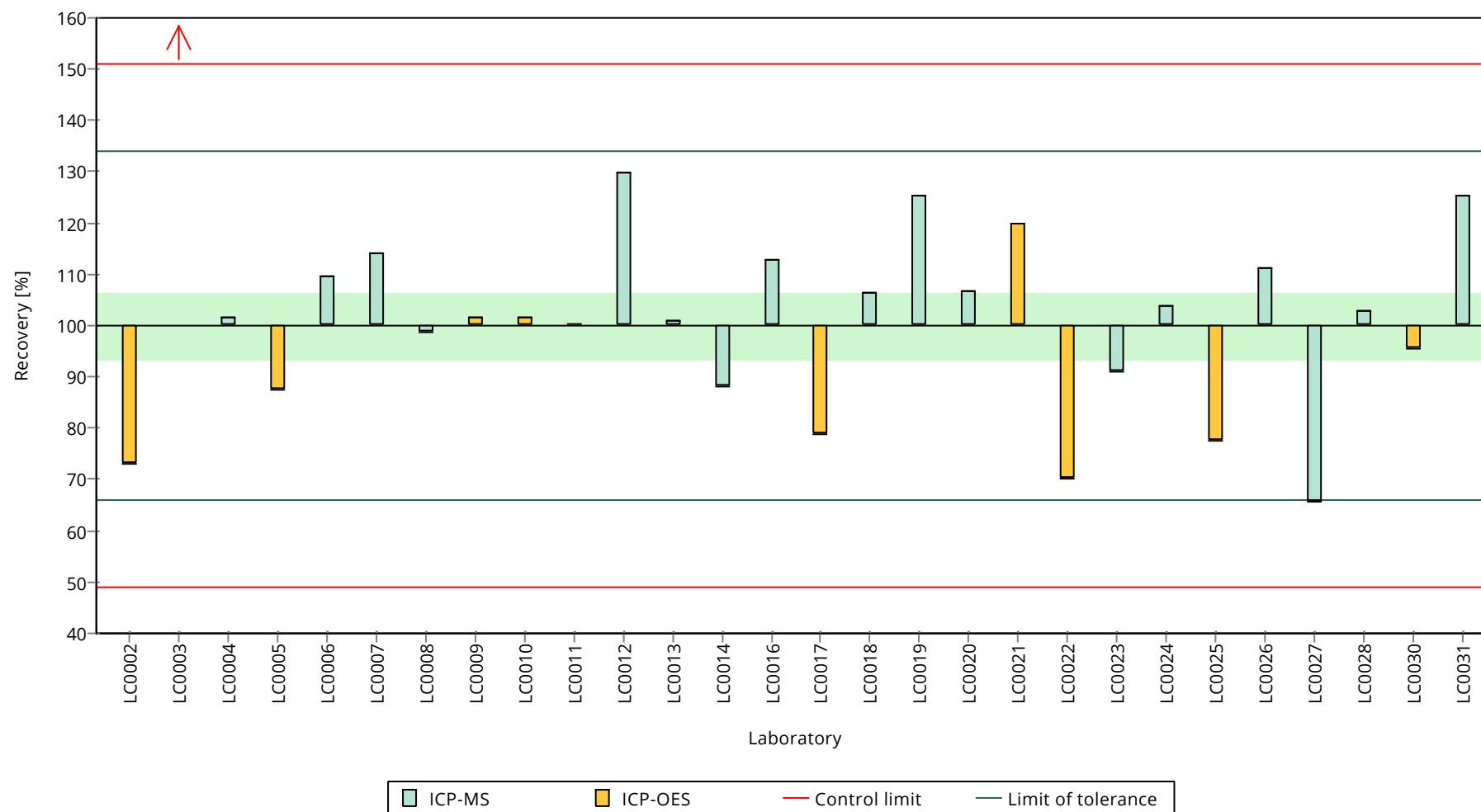
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	0.0683 ± 0.0144	0.0639 ± 0.00623	mg/l
Minimum	0.042	0.042	mg/l
Maximum	0.186	0.083	mg/l
Standard deviation	0.0254	0.0108	mg/l
rel. standard deviation	37.2	16.9	%
n	28	27	-

Graphical presentation of results

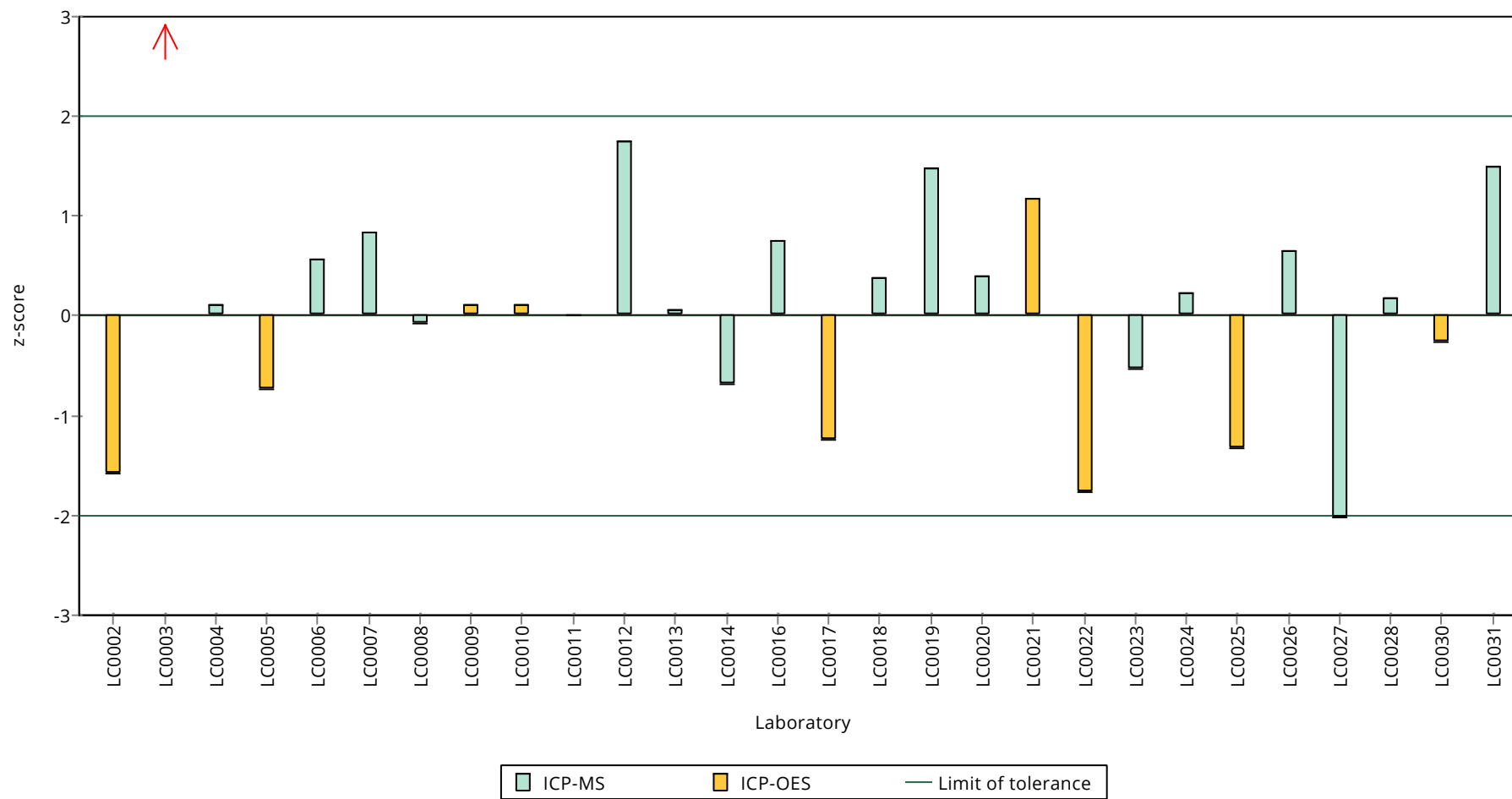
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Lead

Parameter oriented report

AB17

Lead

Unit mg/l
Assigned value $\pm$ U (k=2) 0.0172 $\pm$ 0.000835
Criterion 0.00207 (12 %)
Minimum - Maximum 0.0125 - 0.0209
Control test value $\pm$ U (k=2) 0.0173 $\pm$ 0.00156

Labcode	Result $\pm$ U	Recovery [%]	z-Score	Comments
LC0001	0.0179 $\pm$ 0.0028	104	0.32	
LC0002	0.0086 $\pm$ 0.0008	49.9	-4.18	H
LC0003	0.017 $\pm$ 0.0011	98.6	-0.12	
LC0004	0.018 $\pm$ 0.003	104	0.36	
LC0005	0.017 $\pm$ 0.0027	98.6	-0.12	
LC0006	0.018 $\pm$ 0.0018	104	0.36	
LC0007	0.0176 $\pm$ 0.0018	102	0.17	
LC0008	0.015 $\pm$ 0.0014	87	-1.09	
LC0009	0.0184 $\pm$ 0.0037	107	0.56	
LC0010	0.004 $\pm$ 0.00088	23.2	-6.4	H
LC0011	0.016 $\pm$ 0.00061	92.8	-0.6	
LC0012	0.01383 $\pm$ 0.00277	80.2	-1.65	
LC0013	0.0209 $\pm$ 0.0002	121	1.77	
LC0014	0.0173 $\pm$ 0.0029	100	0.03	
LC0015	0.0361 $\pm$ 0.014	209	9.11	H
LC0016	0.0136 $\pm$ 0.00136	78.9	-1.76	
LC0017	0.0174 $\pm$ 0.02	101	0.07	
LC0018	0.0187 $\pm$ 0.0015	108	0.7	
LC0019	0.018 $\pm$ 0.0027	104	0.36	
LC0020	0.01828 $\pm$ 0.00133	106	0.5	
LC0021	0.0128 $\pm$ 0.002	74.2	-2.15	
LC0022	< 0.02 (LOQ) $\pm$ -	-	-	
LC0023	0.0188 $\pm$ 0.003	109	0.75	
LC0024	0.0194 $\pm$ 0.0028	112	1.04	
LC0025	0.0125 $\pm$ 0.0025	72.5	-2.29	
LC0026	0.0168 $\pm$ 0.0017	97.4	-0.22	
LC0027	0.0176 $\pm$ 0.00264	102	0.17	
LC0028	0.0188 $\pm$ 0.005	109	0.75	
LC0029	0.0193 $\pm$ 0.0028	112	0.99	
LC0030	< 0.06 (LOQ) $\pm$ -	-	-	
LC0031	0.0195 $\pm$ 0.0038	113	1.09	

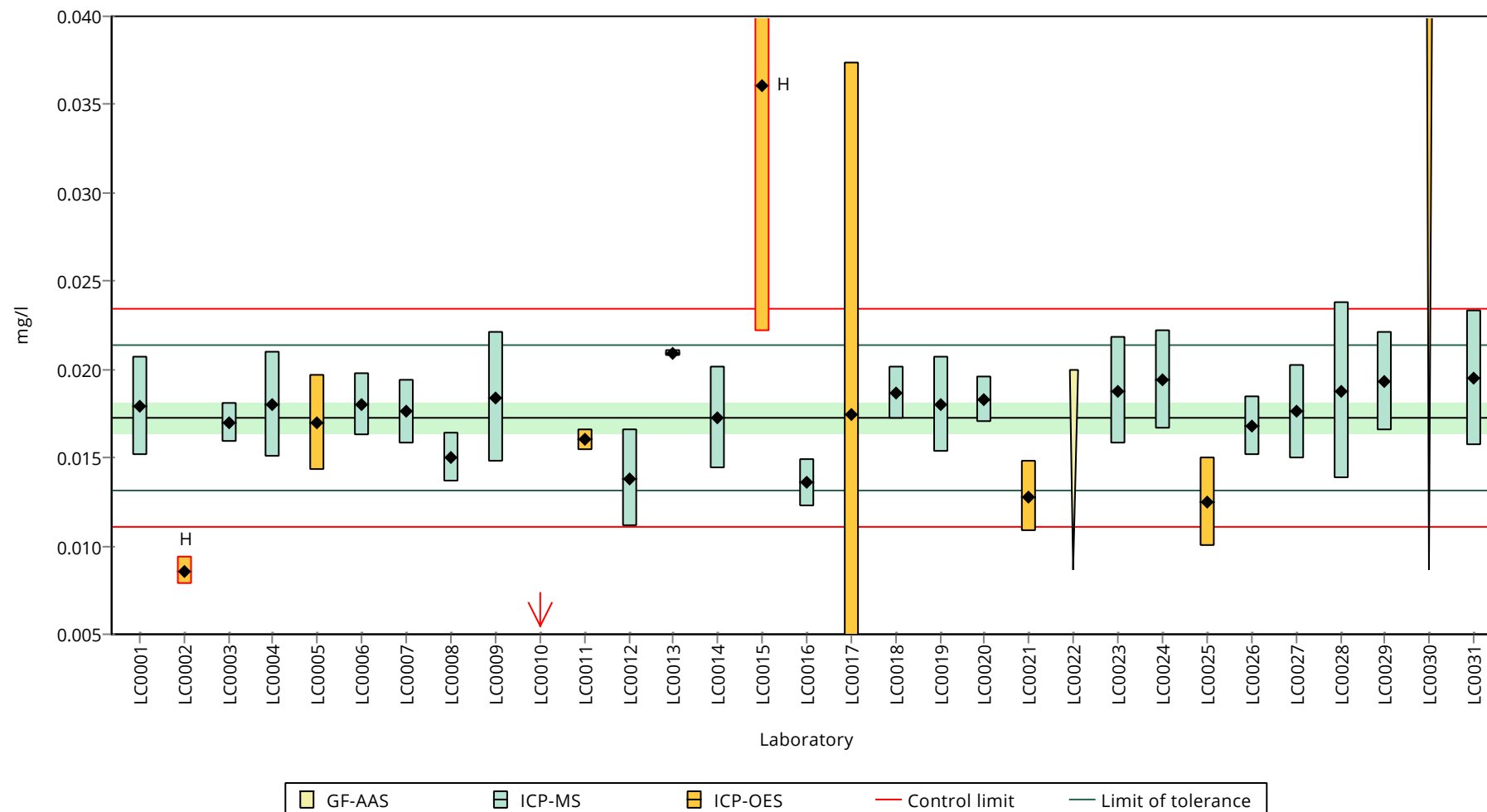
Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Lead

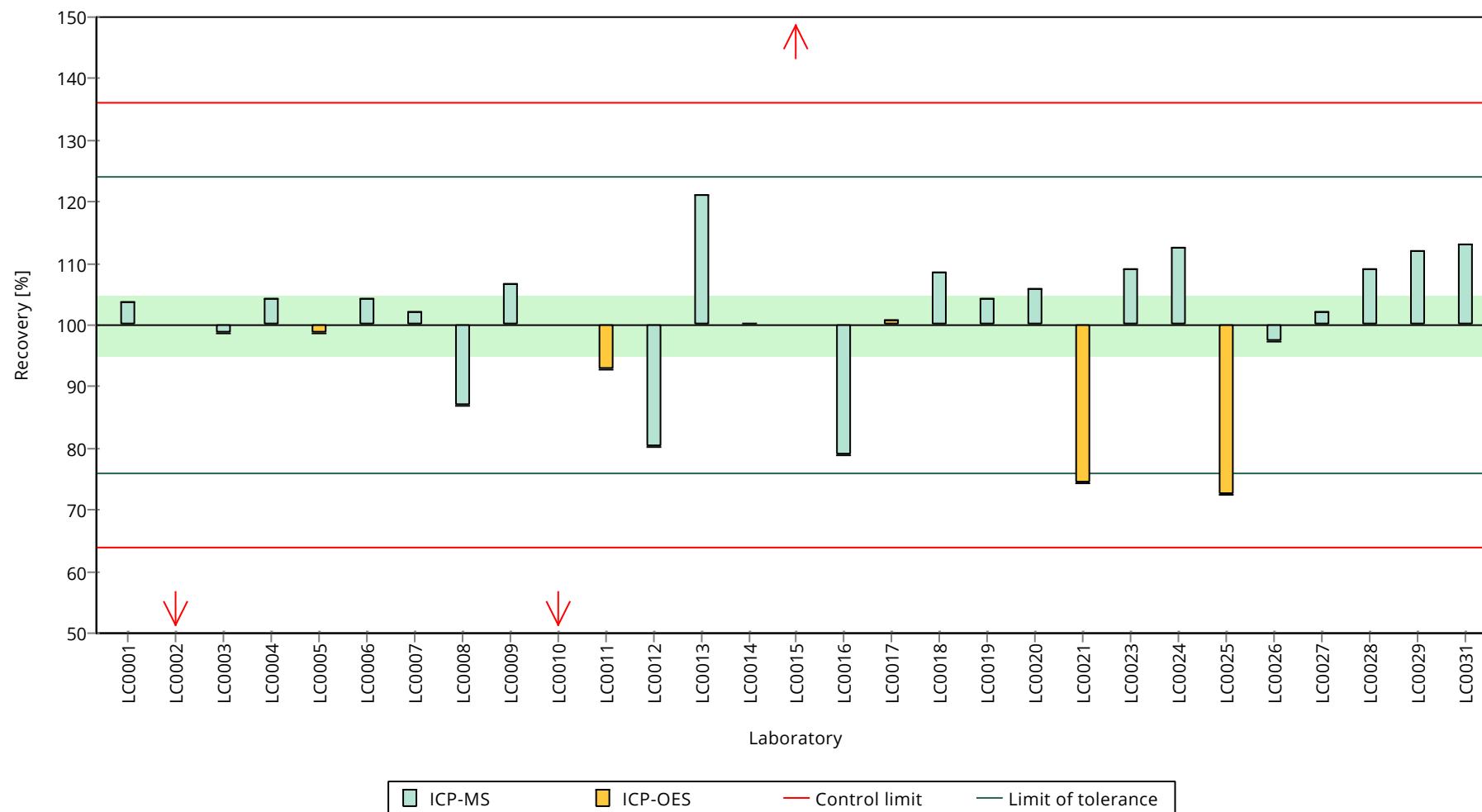
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	0.0171 ± 0.00282	0.0172 ± 0.00125	mg/l
Minimum	0.004	0.0125	mg/l
Maximum	0.0361	0.0209	mg/l
Standard deviation	0.00507	0.00213	mg/l
rel. standard deviation	29.6	12.3	%
n	29	26	-

Graphical presentation of results

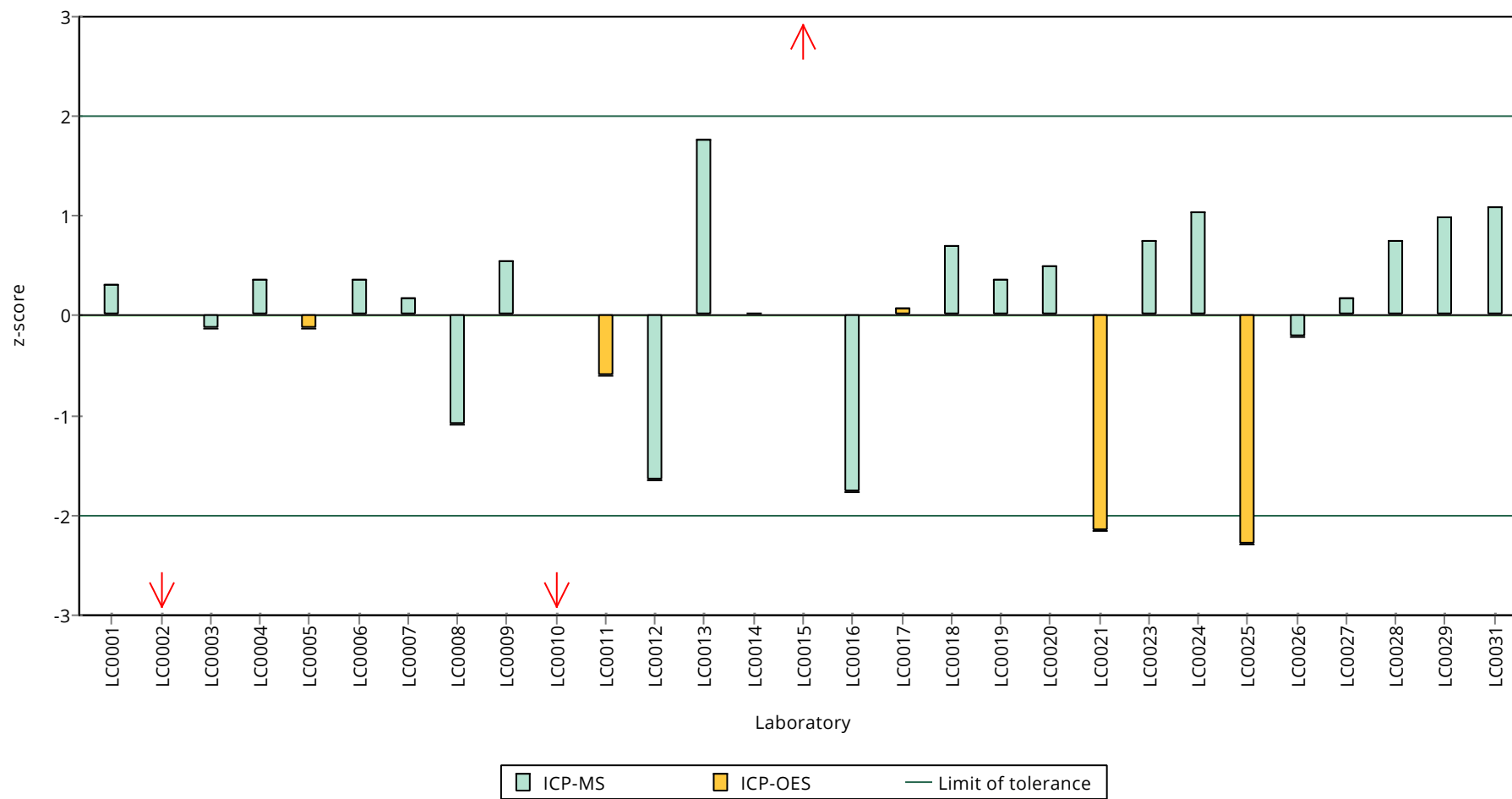
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17HG, Parameter: Mercury

Parameter oriented report

AB17 HG

Mercury

Unit mg/l
Assigned value $\pm U$ (k=2) 0.000126 $\pm$ 0.0000157
Criterion 0.0000379 (30 %)
Minimum - Maximum 0.00008 - 0.000217
Control test value $\pm U$ (k=2) 0.000103 $\pm$ 0.0000155

Labcode	Result $\pm U$	Recovery [%]	z-Score	Comments
LC0001	0.00016 $\pm$ 0.00003	131	1.02	
LC0002	0.00021 $\pm$ 0.00002	166	2.21	
LC0003	0.00011 $\pm$ 0.00000	89.3	-0.36	
LC0004	0.00017 $\pm$ 0.00003	135	1.15	
LC0005	0.00012 $\pm$ 0.00002	95	-0.17	
LC0006	0.00008 $\pm$ 0.00002	64.1	-1.2	
LC0007	0.00015 $\pm$ 0.00002	119	0.62	
LC0008	0.00012 $\pm$ 0.00001	97.3	-0.09	
LC0009	0.00012 $\pm$ 0.00002	93.4	-0.22	
LC0010	0.00015 $\pm$ 0	119	0.62	
LC0011	0.00013 $\pm$ 0.00006	103	0.1	
LC0012	0.00012 $\pm$ 0.00002	91.4	-0.29	
LC0013	0.0002 $\pm$ 0.00001	158	1.94	
LC0014	0.00013 $\pm$ 0.00001	105	0.17	
LC0015	- $\pm$ -	-	-	
LC0016	0.00008 $\pm$ 0.00001	63.3	-1.22	
LC0017	< 0.00029 (LOQ) $\pm$ -	-	-	
LC0018	0.00014 $\pm$ 0.00002	111	0.36	
LC0019	0.00008 $\pm$ 0.00002	63.3	-1.22	
LC0020	0.0001 $\pm$ 0.00001	78.9	-0.7	
LC0021	< 0.00025 (LOQ) $\pm$ -	-	-	
LC0022	0.00012 $\pm$ 0.00002	91.8	-0.27	
LC0023	0.00012 $\pm$ 0.00002	96.1	-0.13	
LC0024	0.0001 $\pm$ 0.00002	76.2	-0.79	
LC0025	0.00009 $\pm$ 0.00002	67.5	-1.08	
LC0026	0.00072 $\pm$ 0.00007	570	15.66	H
LC0027	0.00056 $\pm$ 0.00021	441	11.36	H
LC0028	0.00011 $\pm$ 0.00003	83.9	-0.54	
LC0029	0.0001 $\pm$ 0.00002	80.7	-0.64	
LC0030	- $\pm$ -	-	-	
LC0031	0.00022 $\pm$ 0.00009	172	2.39	

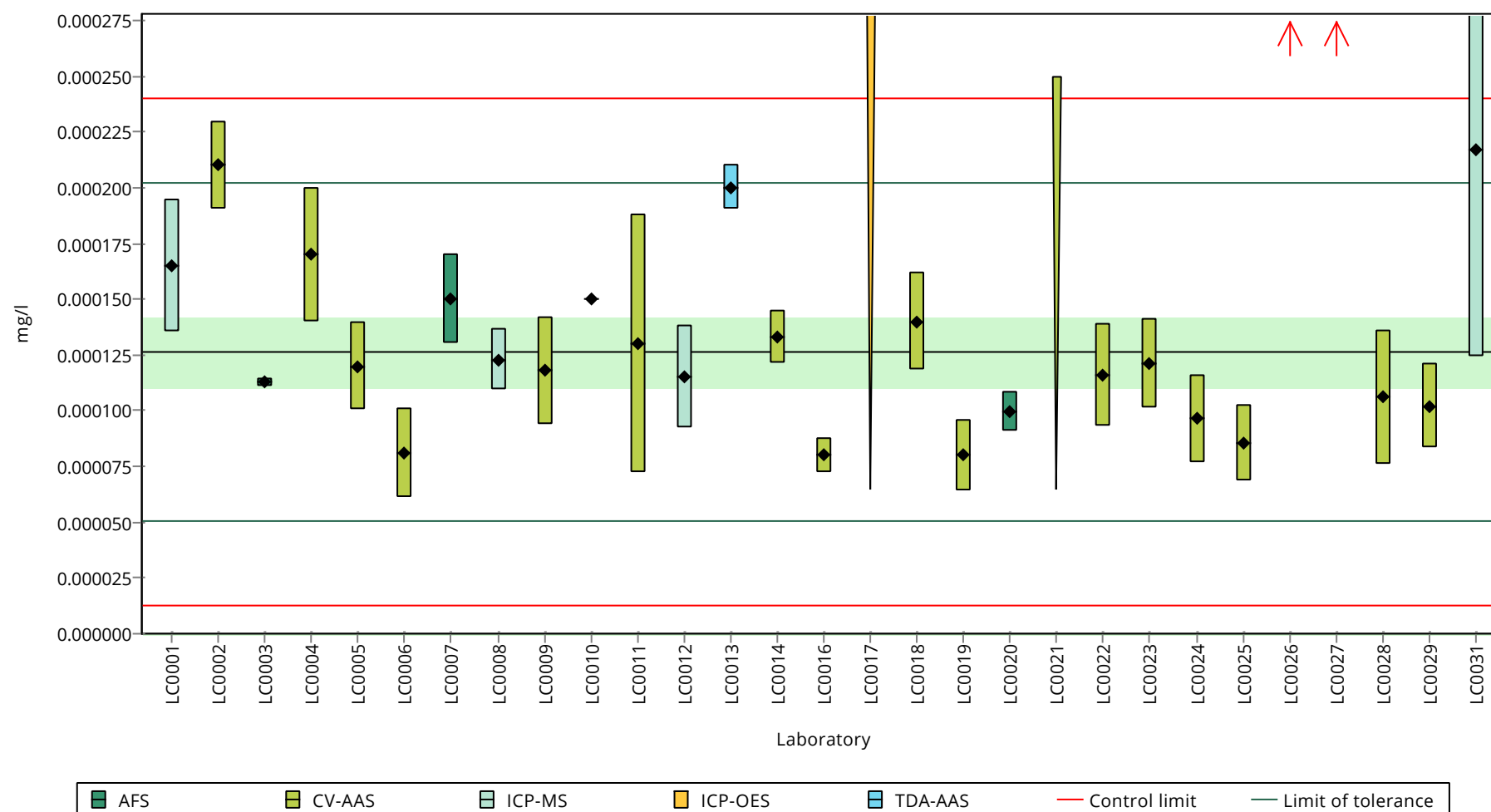
Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17HG, Parameter: Mercury

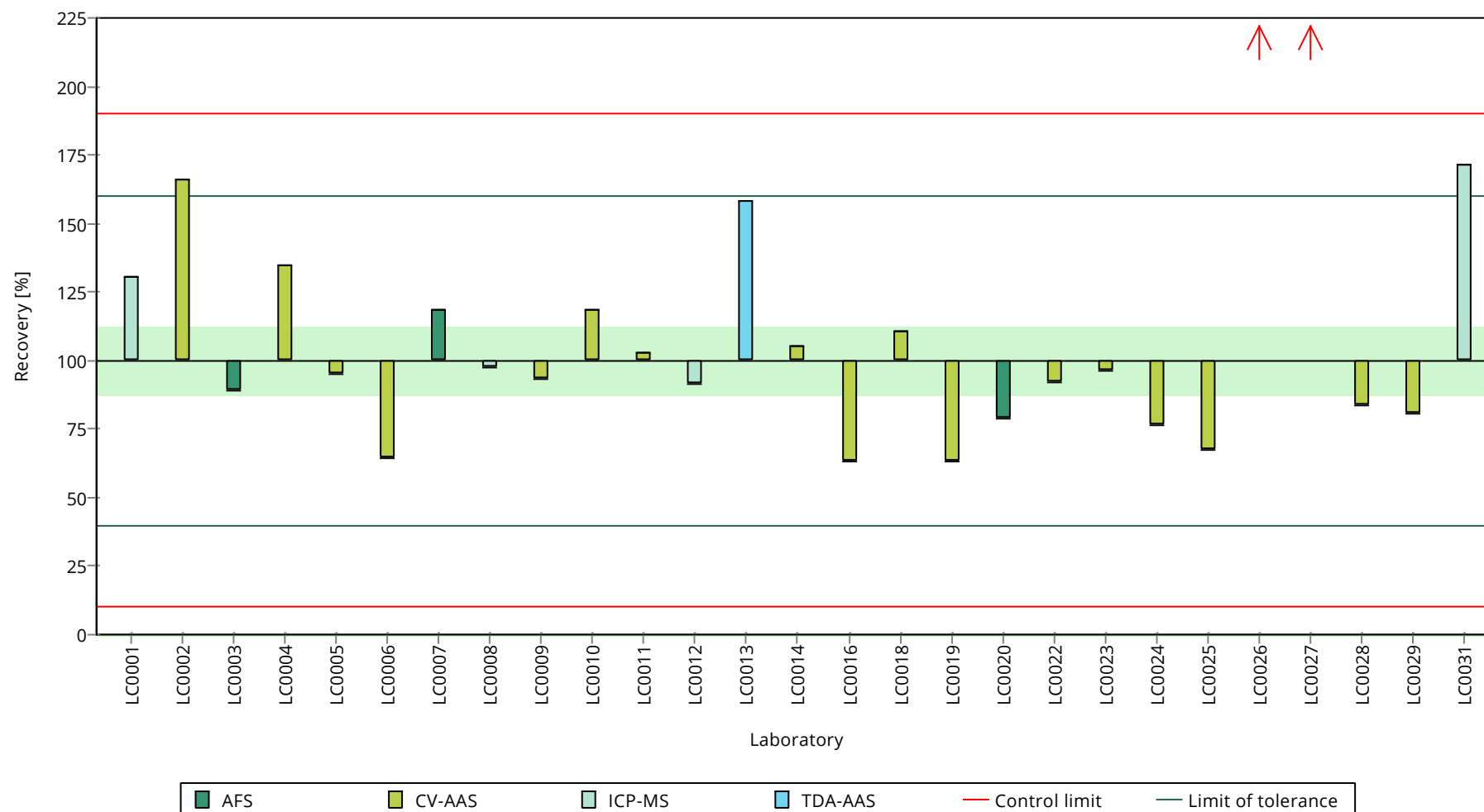
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	0.000167 ± 8.25E-5	0.000129 ± 2.34E-5	mg/l
Minimum	8E-5	8E-5	mg/l
Maximum	0.00072	0.000217	mg/l
Standard deviation	0.000143	3.9E-5	mg/l
rel. standard deviation	85.7	30.2	%
n	27	25	-

Graphical presentation of results

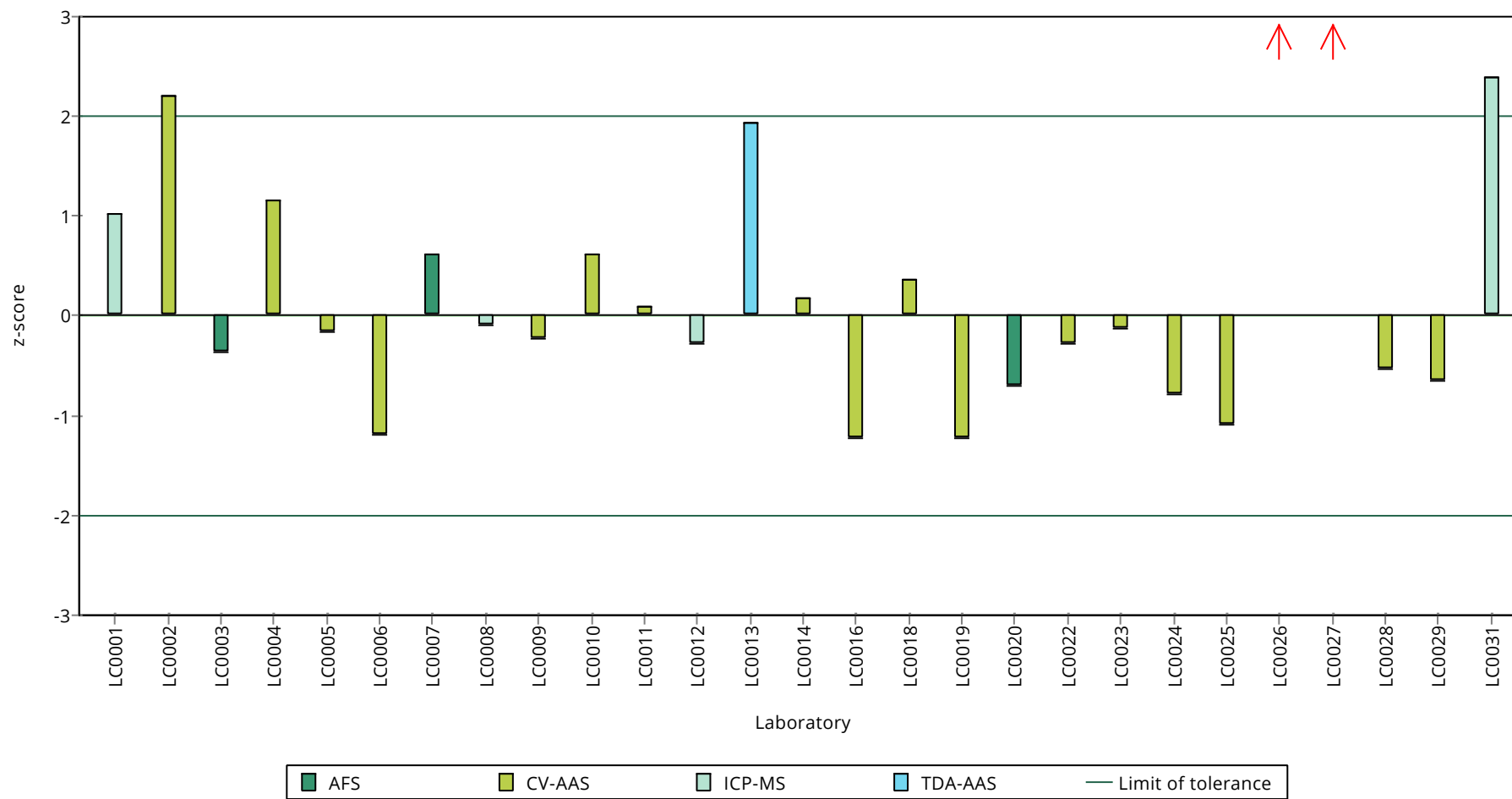
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Molybdenum

Parameter oriented report

AB17

Molybdenum

Unit mg/l
Assigned value $\pm$ U (k=2) 0.314 ± 0.0114
Criterion 0.0314 (10 %)
Minimum - Maximum $0.241 - 0.38$
Control test value $\pm$ U (k=2) 0.327 ± 0.0229

Labcode	Result $\pm$ U	Recovery [%]	z-Score	Comments
LC0001	0.312 ± 0.056	99.4	-0.06	
LC0002	0.2477 ± 0.0273	78.9	-2.11	
LC0003	0.38 ± 0.023	121	2.1	
LC0004	0.34 ± 0.041	108	0.83	
LC0005	0.285 ± 0.054	90.8	-0.92	
LC0006	0.33 ± 0.066	105	0.51	
LC0007	0.343 ± 0.034	109	0.93	
LC0008	0.31 ± 0.032	98.7	-0.13	
LC0009	0.31 ± 0.031	98.7	-0.13	
LC0010	0.302 ± 0.00312	96.2	-0.38	
LC0011	0.32 ± 0.01	102	0.19	
LC0012	0.33102 ± 0.0662	105	0.54	
LC0013	0.3775 ± 0.0051	120	2.02	
LC0014	0.307 ± 0.025	97.8	-0.22	
LC0015	0.278 ± 0.02	88.5	-1.15	
LC0016	0.353 ± 0.0353	112	1.24	
LC0017	0.293 ± 0.013	93.3	-0.67	
LC0018	0.30715 ± 0.0172	97.8	-0.22	
LC0019	0.34 ± 0.051	108	0.83	
LC0020	0.29007 ± 0.01015	92.4	-0.76	
LC0021	0.344 ± 0.0157	110	0.96	
LC0022	0.26225 ± 0.05245	83.5	-1.65	
LC0023	0.322 ± 0.06	103	0.26	
LC0024	0.321 ± 0.075	102	0.22	
LC0025	0.241 ± 0.048	76.8	-2.32	
LC0026	0.329 ± 0.033	105	0.48	
LC0027	0.326 ± 0.0489	104	0.38	
LC0028	0.323 ± 0.1	103	0.29	
LC0029	0.3037 ± 0.0179	96.7	-0.33	
LC0030	0.297 ± 0.03	94.6	-0.54	
LC0031	0.307 ± 0.035	97.8	-0.22	

Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

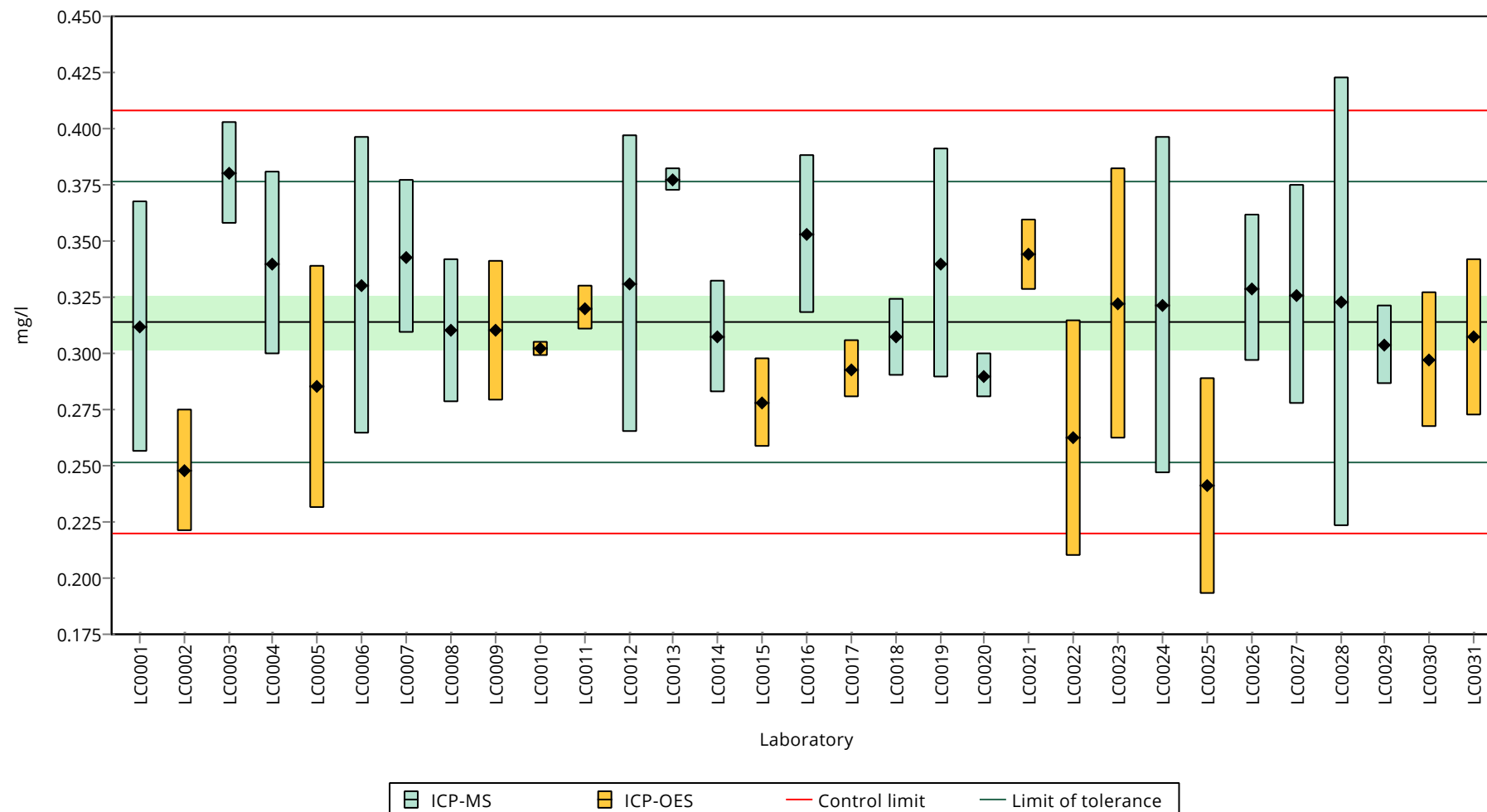
Sample: AB17, Parameter: Molybdenum

Characteristics of parameter

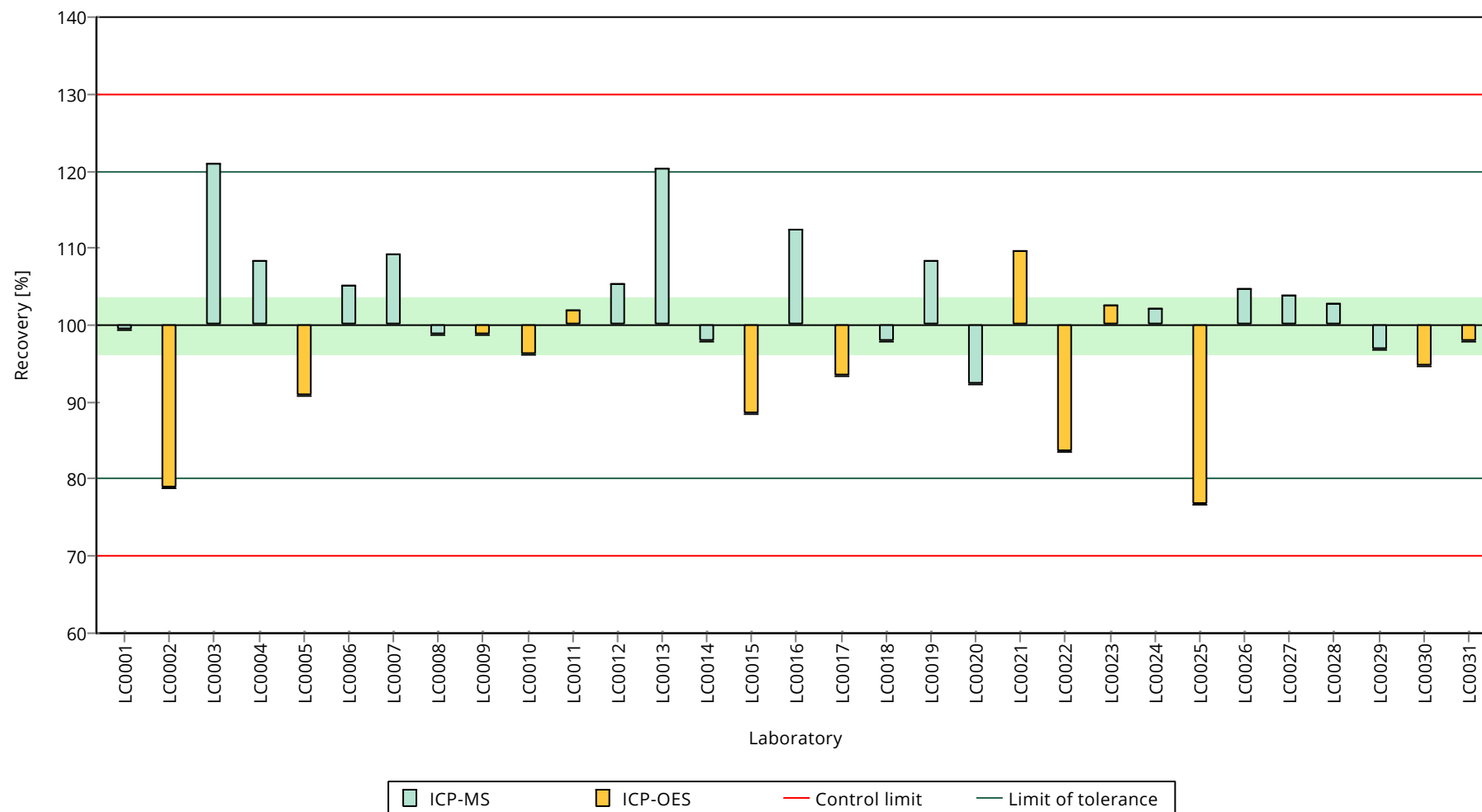
	all results	without outliers	Unit
Mean ± CI (99%)	0.314 ± 0.0172	0.314 ± 0.0172	mg/l
Minimum	0.241	0.241	mg/l
Maximum	0.38	0.38	mg/l
Standard deviation	0.0318	0.0318	mg/l
rel. standard deviation	10.1	10.1	%
n	31	31	-

Graphical presentation of results

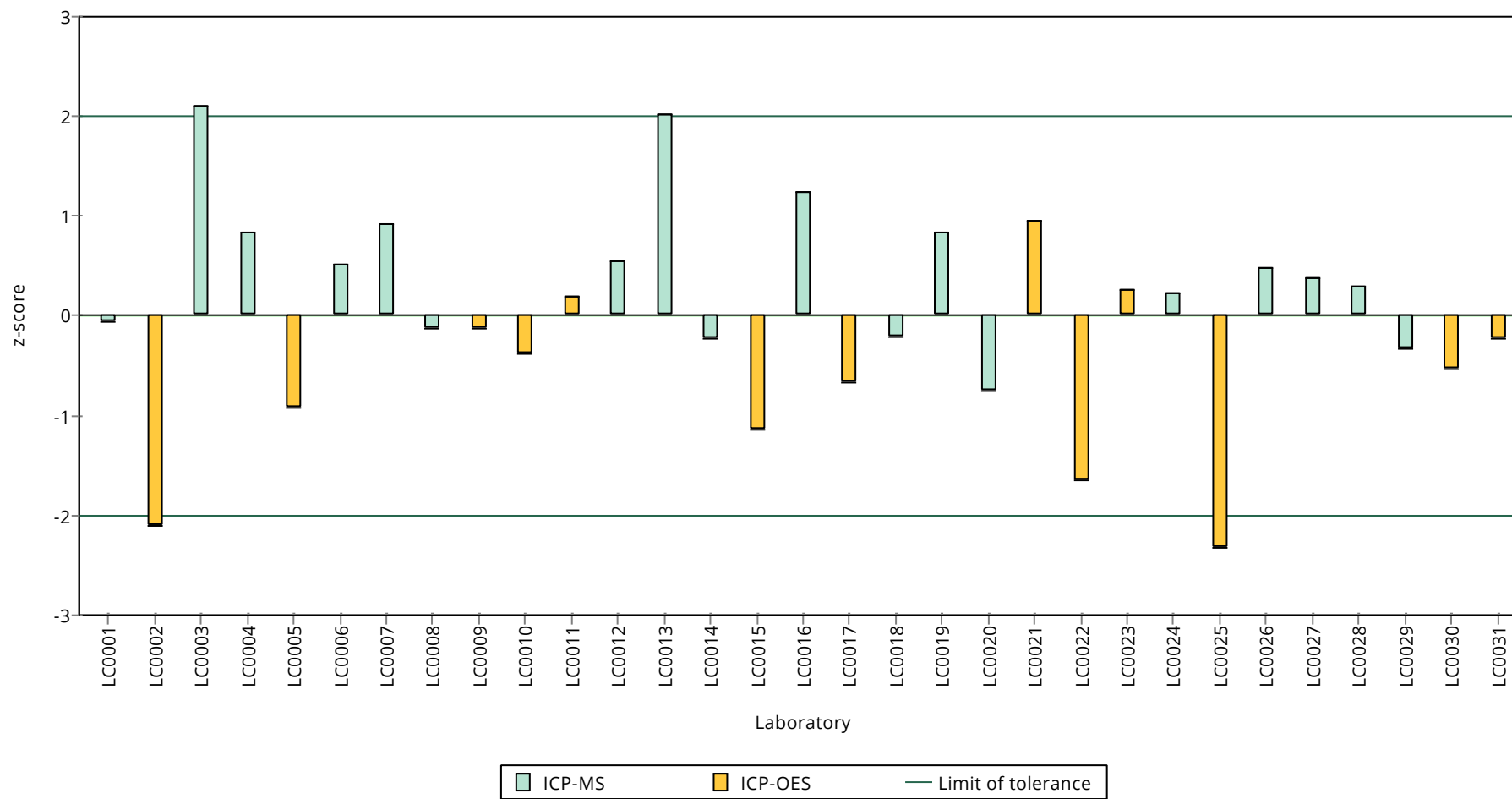
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Nickel

Parameter oriented report

AB17

Nickel

Unit mg/l
Assigned value $\pm U$ (k=2) 0.0082 $\pm$ 0.000414
Criterion 0.000984 (12 %)
Minimum - Maximum 0.00624 - 0.0108
Control test value $\pm U$ (k=2) 0.00939 $\pm$ 0.00113

Labcode	Result $\pm U$	Recovery [%]	z-Score	Comments
LC0001	0.0088 $\pm$ 0.0013	107	0.61	
LC0002	0.0049 $\pm$ 0.0006	59.8	-3.35	H
LC0003	0.038 $\pm$ 0.0022	464	30.3	H
LC0004	0.0079 $\pm$ 0.0006	96.4	-0.3	
LC0005	0.007 $\pm$ 0.0011	85.4	-1.22	
LC0006	0.0083 $\pm$ 0.00083	101	0.1	
LC0007	0.0083 $\pm$ 0.0008	101	0.1	
LC0008	0.007 $\pm$ 0.00063	85.4	-1.22	
LC0009	0.00864 $\pm$ 0.00173	105	0.45	
LC0010	0.005 $\pm$ 0.00033	61	-3.25	H
LC0011	0.007 $\pm$ 0.00019	85.4	-1.22	
LC0012	0.00853 $\pm$ 0.00171	104	0.34	
LC0013	0.0076 $\pm$ 0.0001	92.7	-0.61	
LC0014	0.00755 $\pm$ 0.00062	92.1	-0.66	
LC0015	0.0127 $\pm$ 0.001	155	4.58	H
LC0016	0.00859 $\pm$ 0.00086	105	0.4	
LC0017	0.0108 $\pm$ 0.005	132	2.65	
LC0018	0.00845 $\pm$ 0.00066	103	0.26	
LC0019	0.009 $\pm$ 0.00135	110	0.82	
LC0020	0.0088 $\pm$ 0.00075	107	0.61	
LC0021	0.00977 $\pm$ 0.0013	119	1.6	
LC0022	< 0.02 (LOQ) $\pm$ -	-	-	
LC0023	0.00811 $\pm$ 0.002	99	-0.09	
LC0024	0.00833 $\pm$ 0.0017	102	0.13	
LC0025	0.00624 $\pm$ 0.00125	76.1	-1.99	
LC0026	0.00793 $\pm$ 0.0008	96.7	-0.27	
LC0027	0.00655 $\pm$ 0.00177	79.9	-1.67	
LC0028	0.00888 $\pm$ 0.003	108	0.69	
LC0029	0.00867 $\pm$ 0.0011	106	0.48	
LC0030	< 0.06 (LOQ) $\pm$ -	-	-	
LC0031	- $\pm$ -	-	-	

Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

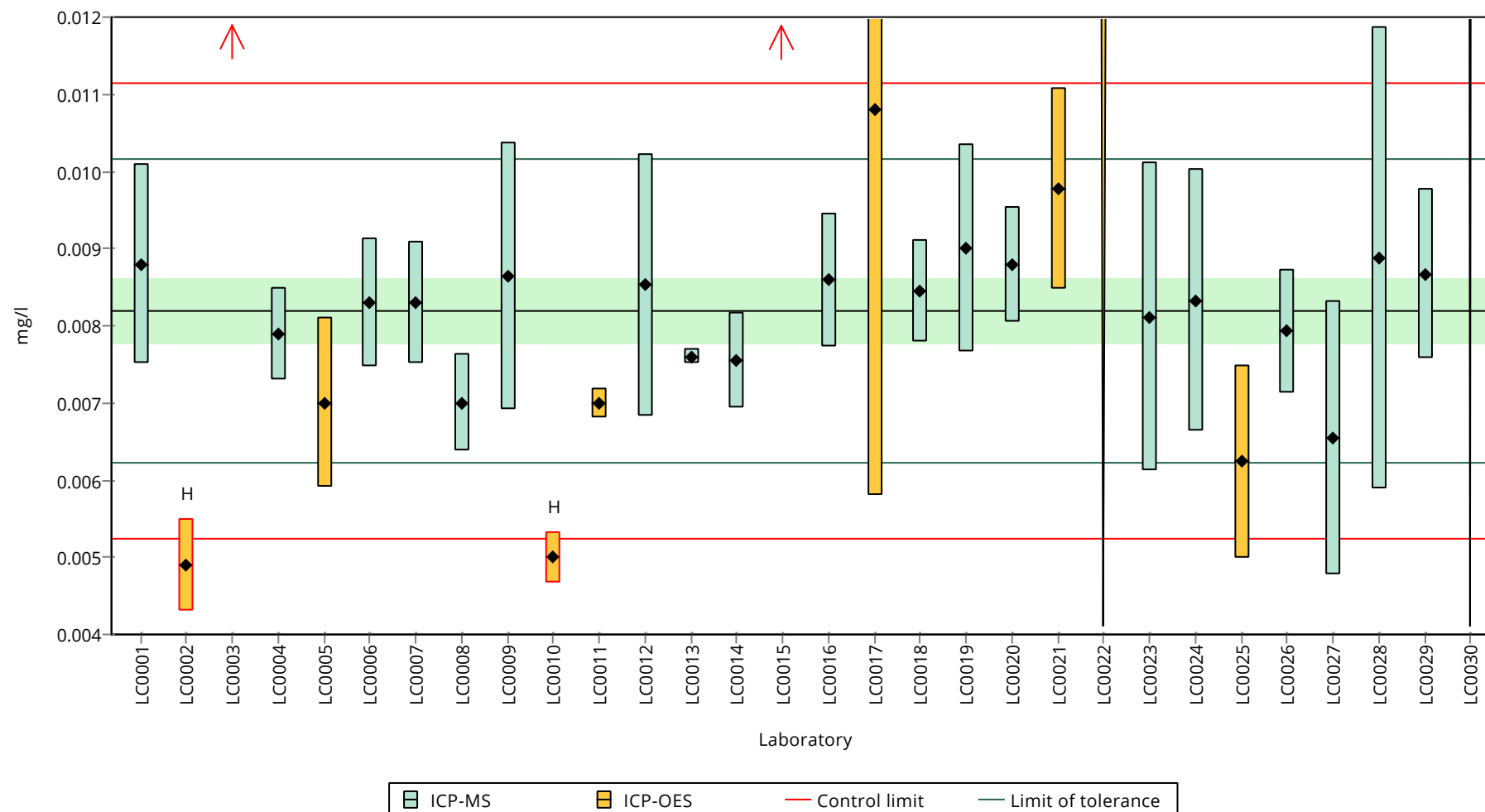
Sample: AB17, Parameter: Nickel

Characteristics of parameter

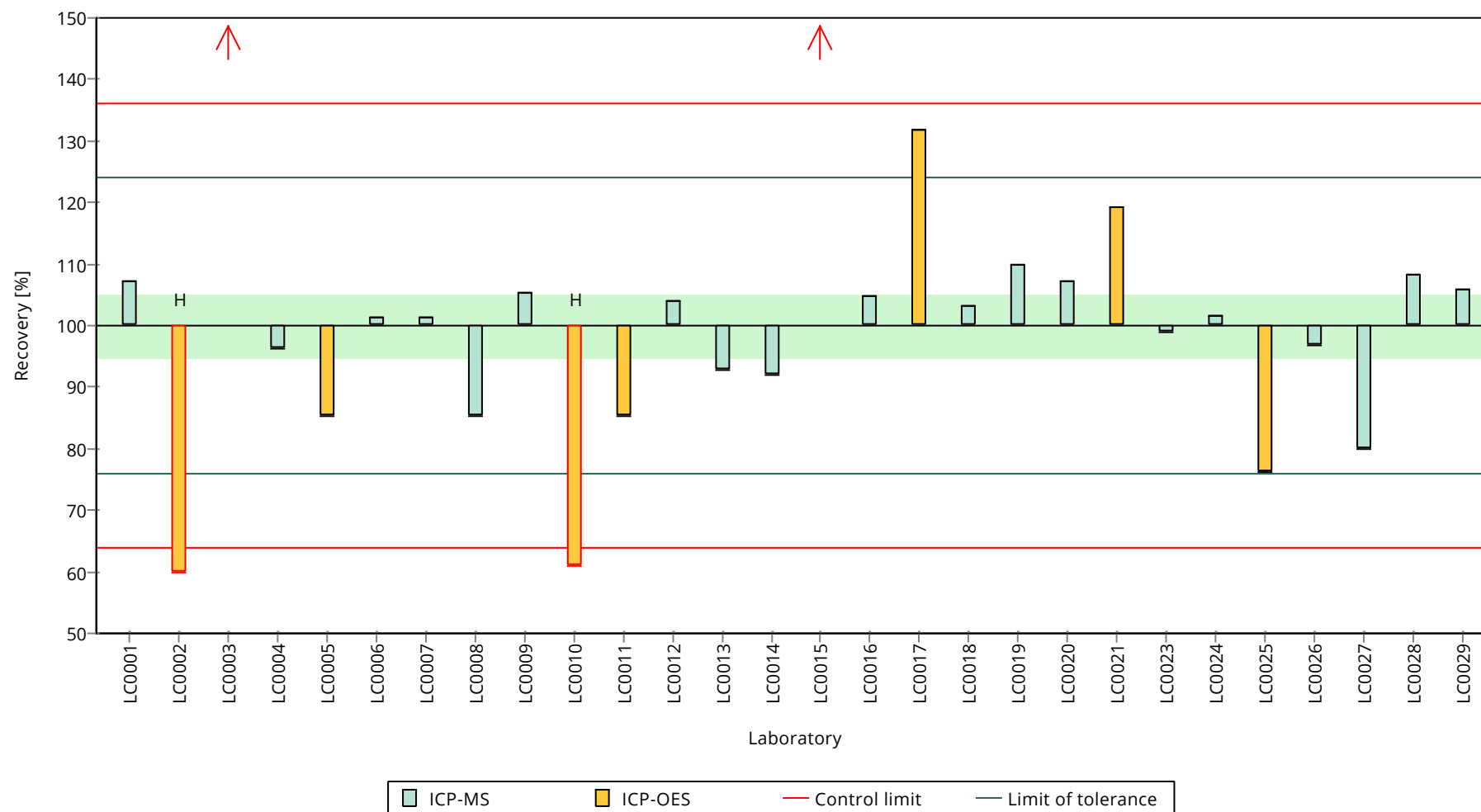
	all results	without outliers	Unit
Mean ± CI (99%)	0.00919 ± 0.00332	0.0082 ± 0.000621	mg/l
Minimum	0.0049	0.00624	mg/l
Maximum	0.038	0.0108	mg/l
Standard deviation	0.00586	0.00101	mg/l
rel. standard deviation	63.7	12.4	%
n	28	24	-

Graphical presentation of results

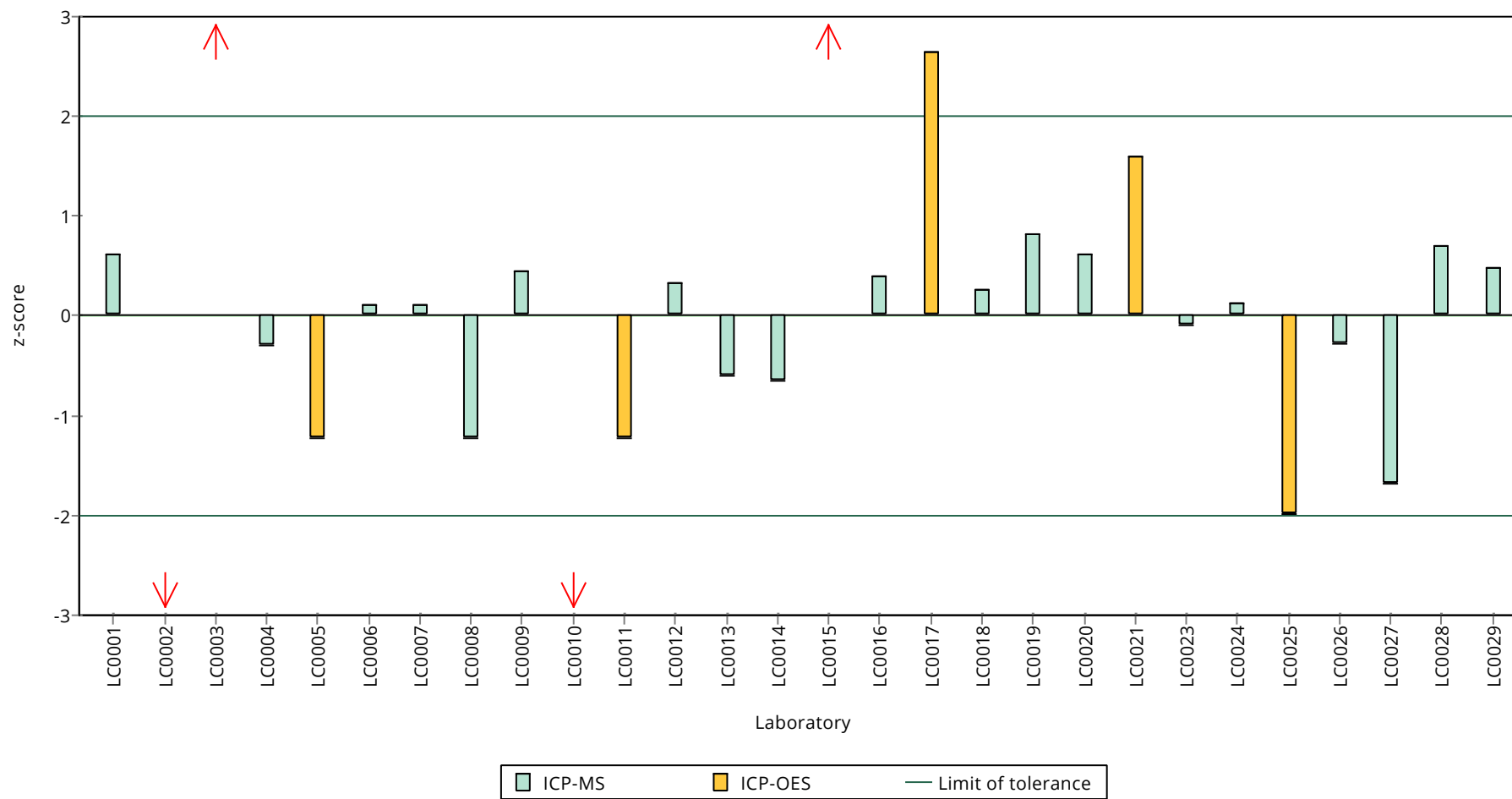
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Selenium

Parameter oriented report

AB17

Selenium

Unit mg/l
Assigned value $\pm$ U (k=2) 0.018 ± 0.000822
Criterion 0.00198 (11 %)
Minimum - Maximum $0.0142 - 0.0227$
Control test value $\pm$ U (k=2) 0.0184 ± 0.00275

Labcode	Result $\pm$ U	Recovery [%]	z-Score	Comments
LC0001	0.0197 ± 0.0047	110	0.88	
LC0002	0.0157 ± 0.0016	87.4	-1.15	
LC0003	0.021 ± 0.00095	117	1.54	
LC0004	0.018 ± 0.001	100	0.02	
LC0005	0.019 ± 0.0017	106	0.52	
LC0006	0.015 ± 0.0015	83.5	-1.5	
LC0007	0.0179 ± 0.0027	99.7	-0.03	
LC0008	0.0156 ± 0.002	86.8	-1.2	
LC0009	0.0197 ± 0.0039	110	0.88	
LC0010	0.016 ± 0.00406	89.1	-0.99	
LC0011	0.017 ± 0.00095	94.6	-0.49	
LC0012	- $\pm$ -	-	-	
LC0013	0.02273 ± 0.0002	127	2.41	
LC0014	0.0207 ± 0.0018	115	1.39	
LC0015	0.0291 ± 0.002	162	5.64	H
LC0016	0.0198 ± 0.00198	110	0.93	
LC0017	< 0.00111 (LOQ) $\pm$ -	-	-	FN
LC0018	0.0192 ± 0.0014	107	0.63	
LC0019	0.018 ± 0.0027	100	0.02	
LC0020	0.01664 ± 0.00085	92.6	-0.67	
LC0021	0.0163 ± 0.0015	90.7	-0.84	
LC0022	< 0.01 (LOQ) $\pm$ -	-	-	FN
LC0023	0.0406 ± 0.006	226	11.46	H
LC0024	0.0176 ± 0.0028	98	-0.18	
LC0025	0.0142 ± 0.0028	79.1	-1.9	
LC0026	0.0187 ± 0.0019	104	0.37	
LC0027	0.0166 ± 0.00382	92.4	-0.69	
LC0028	0.0169 ± 0.005	94.1	-0.54	
LC0029	0.0174 ± 0.0024	96.9	-0.28	
LC0030	< 0.06 (LOQ) $\pm$ -	-	-	
LC0031	0.0197 ± 0.0036	110	0.88	

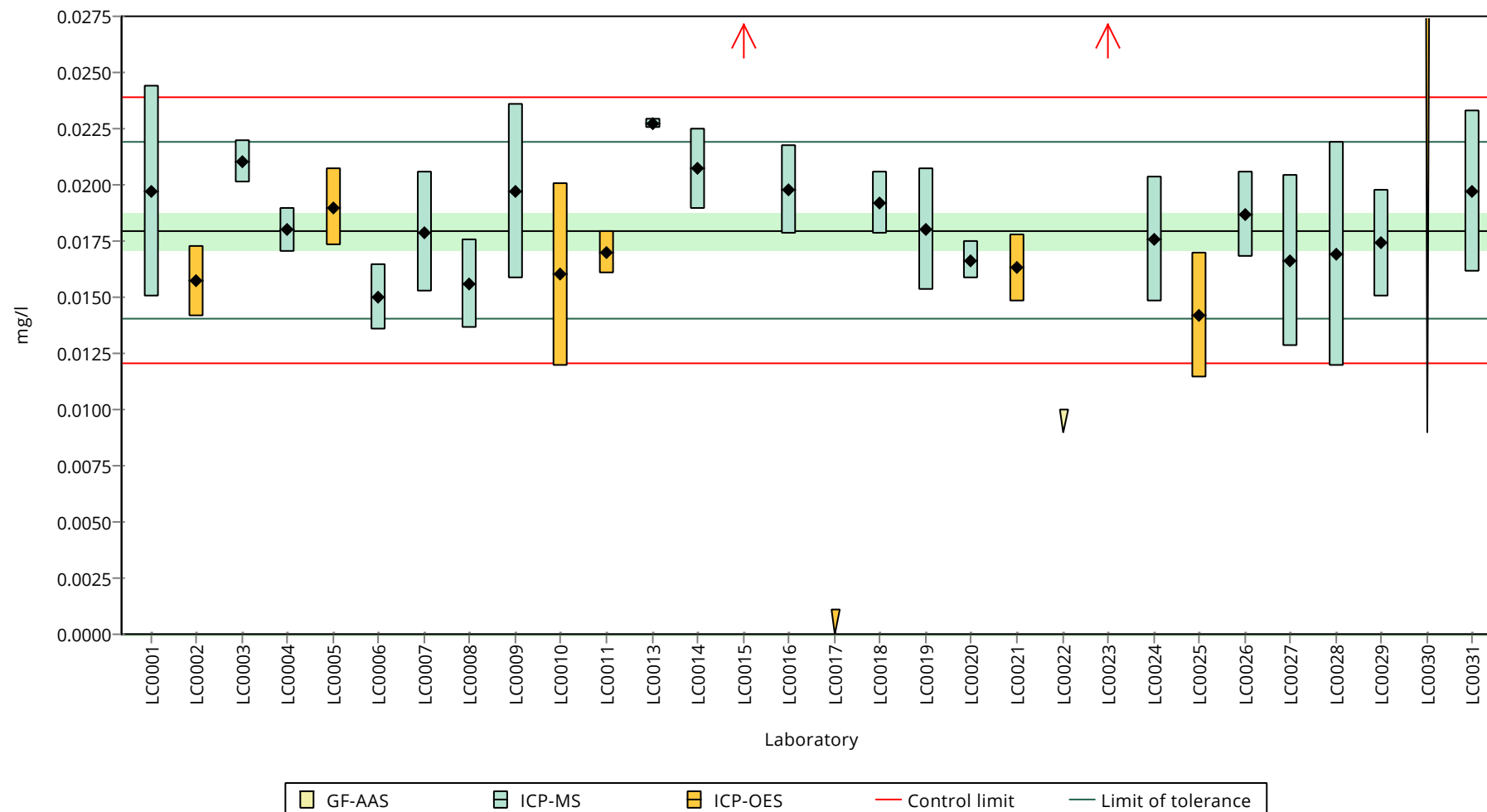
Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Selenium

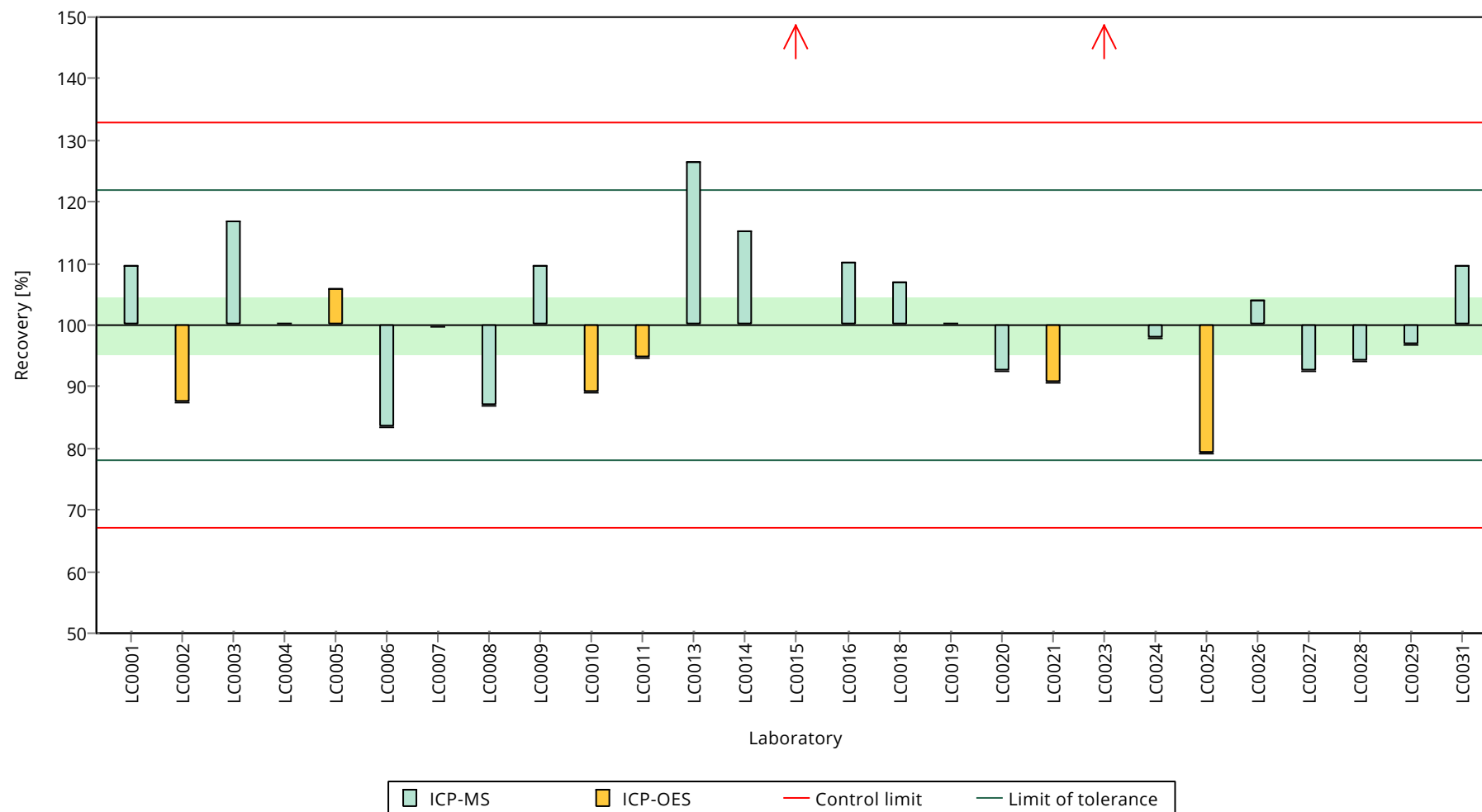
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	0.0192 ± 0.00299	0.018 ± 0.00123	mg/l
Minimum	0.0142	0.0142	mg/l
Maximum	0.0406	0.0227	mg/l
Standard deviation	0.00517	0.00206	mg/l
rel. standard deviation	26.9	11.4	%
n	27	25	-

Graphical presentation of results

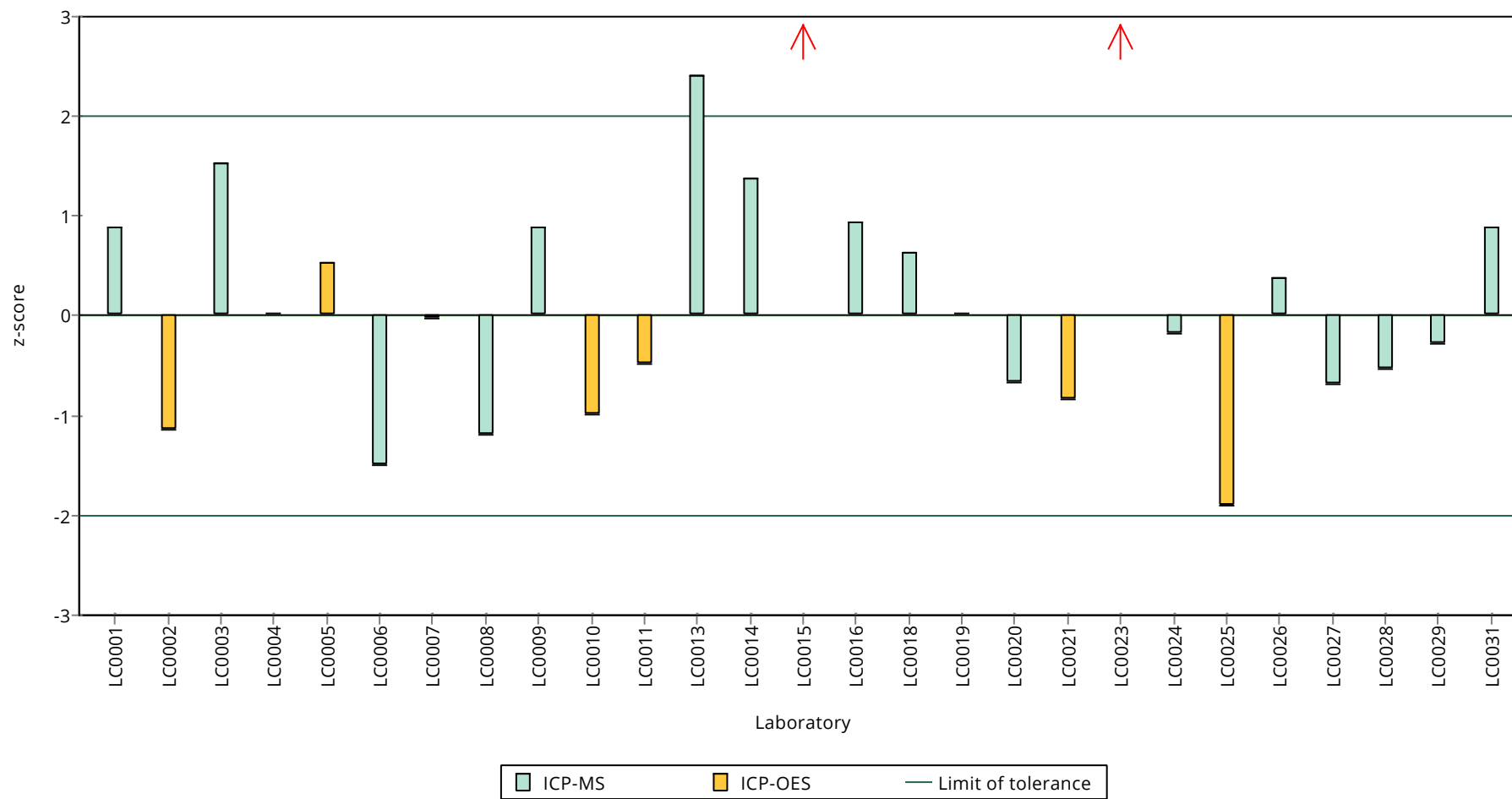
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Silver

Parameter oriented report

AB17

Silver

Unit mg/l
Assigned value $\pm U$ (k=2) 0.00183 ± 0.000245
Criterion 0.000493 (27 %)
Minimum - Maximum $0.00073 - 0.003$
Control test value $\pm U$ (k=2) 0.00188 ± 0.000169

Labcode	Result $\pm U$	Recovery [%]	z-Score	Comments
LC0001	- $\pm$ -	-	-	
LC0002	- $\pm$ -	-	-	
LC0003	0.0015 ± 0.00011	82.1	-0.66	
LC0004	0.00073 ± 0.00029	40	-2.22	
LC0005	< 0.01 (LOQ) $\pm$ -	-	-	
LC0006	0.0019 ± 0.00019	104	0.15	
LC0007	0.00189 ± 0.00019	104	0.13	
LC0008	0.00147 ± 0.00017	80.5	-0.72	
LC0009	0.002 ± 0.0004	110	0.35	
LC0010	0.004 ± 0.00023	219	4.41	H
LC0011	0.003 ± 0.00002	164	2.38	
LC0012	< 0.0005 (LOQ) $\pm$ -	-	-	
LC0013	0.00251 ± 0.0001	137	1.39	
LC0014	0.00167 ± 0.00022	91.5	-0.32	
LC0015	- $\pm$ -	-	-	
LC0016	0.00178 ± 0.00018	97.5	-0.09	
LC0017	0.0051 ± 0.0005	279	6.64	H
LC0018	0.00194 ± 0.00029	106	0.22	
LC0019	< 0.01 (LOQ) $\pm$ -	-	-	
LC0020	0.00156 ± 0.00008	85.4	-0.54	
LC0021	< 0.01 (LOQ) $\pm$ -	-	-	
LC0022	< 0.02 (LOQ) $\pm$ -	-	-	
LC0023	0.00146 ± 0.0004	80	-0.74	
LC0024	< 0.01 (LOQ) $\pm$ -	-	-	
LC0025	< 0.005 (LOQ) $\pm$ -	-	-	
LC0026	0.00192 ± 0.0002	105	0.19	
LC0027	0.00008 ± 0.00002	4.4	-3.54	H
LC0028	0.00188 ± 0.0005	103	0.11	
LC0029	< 0.004 (LOQ) $\pm$ -	-	-	
LC0030	< 0.09 (LOQ) $\pm$ -	-	-	
LC0031	0.00201 ± 0.00037	110	0.37	

Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

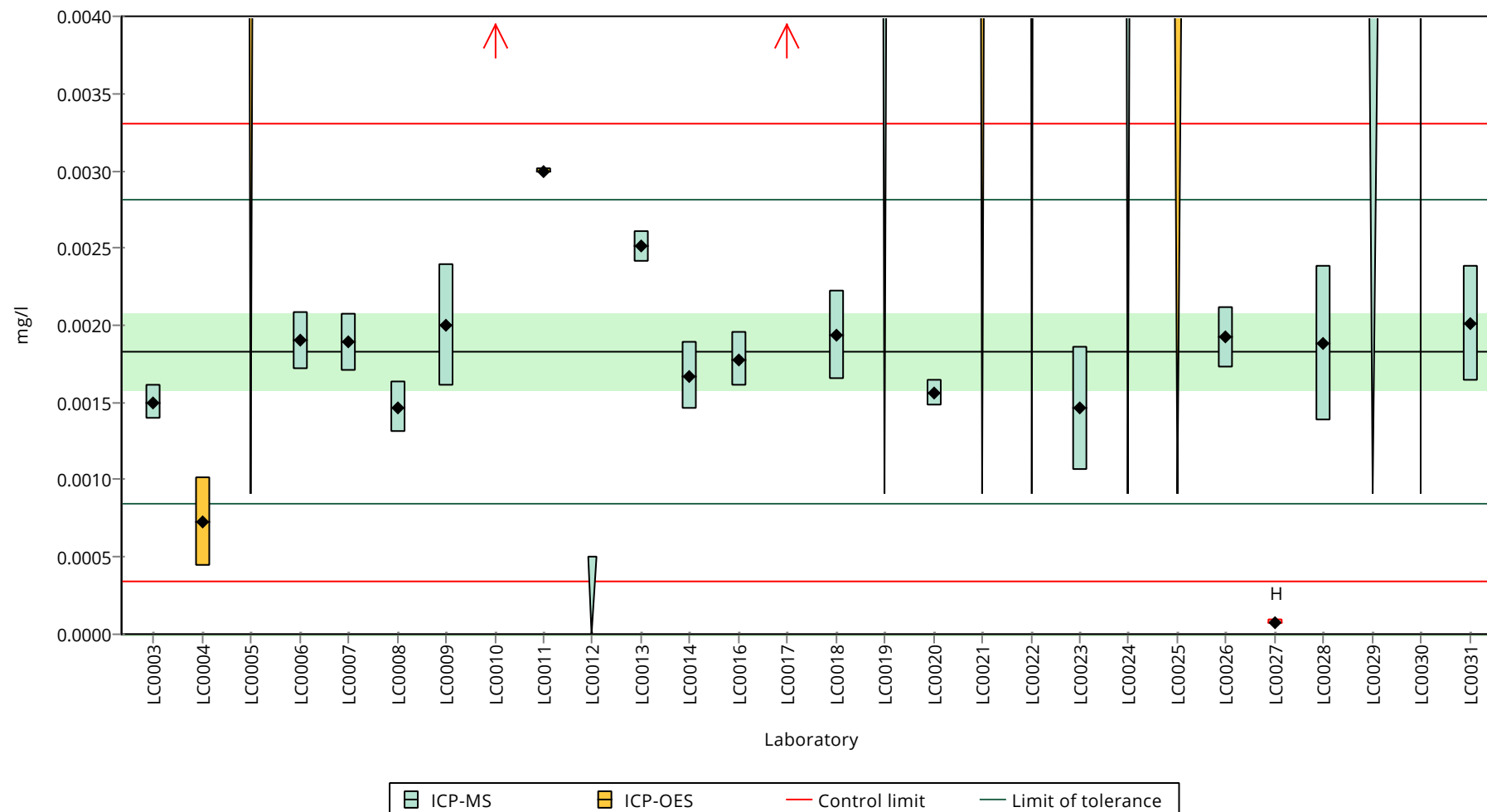
Sample: AB17, Parameter: Silver

Characteristics of parameter

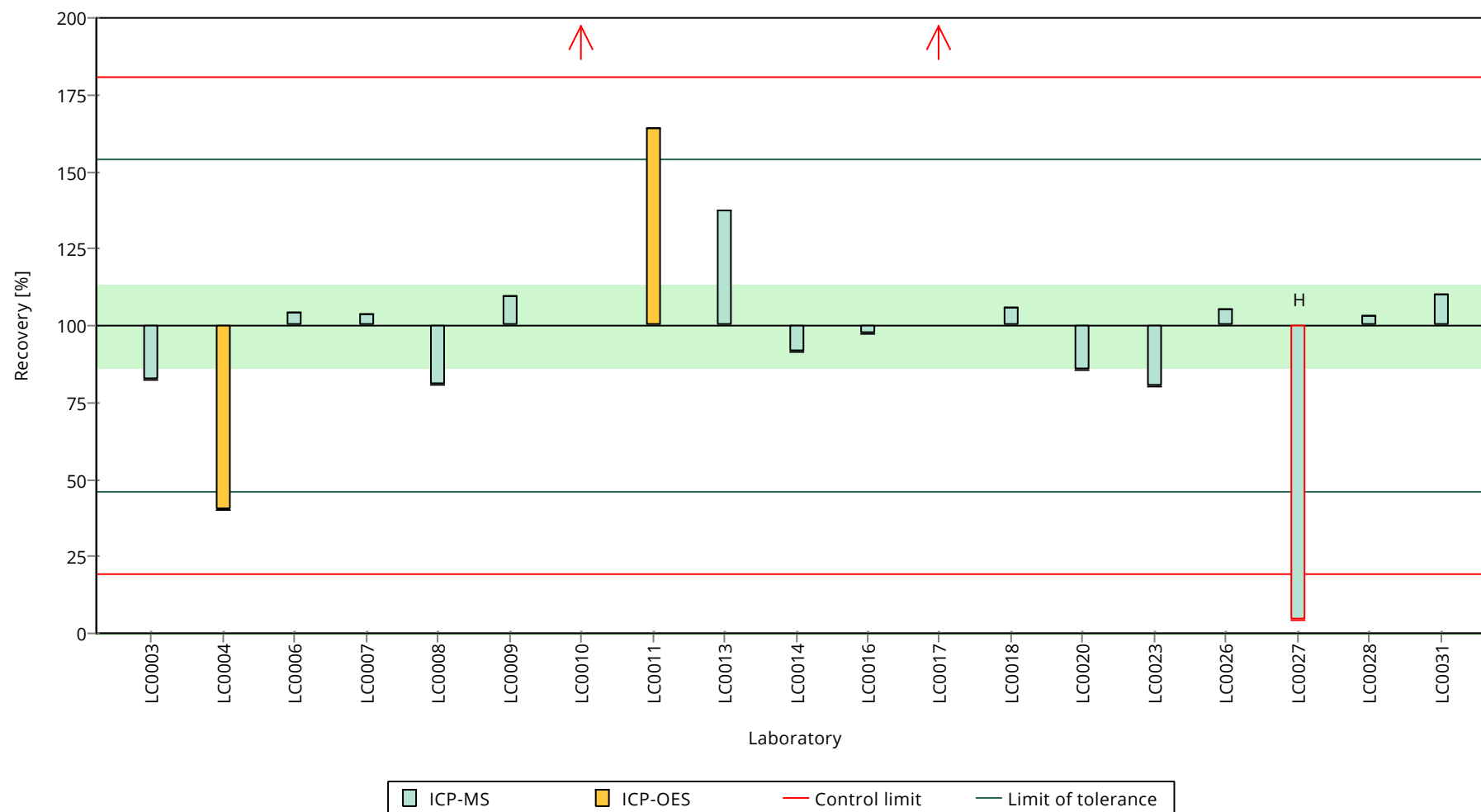
	all results	without outliers	Unit
Mean ± CI (99%)	0.00202 ± 0.00075	0.00183 ± 0.000368	mg/l
Minimum	8E-5	0.00073	mg/l
Maximum	0.0051	0.003	mg/l
Standard deviation	0.00109	0.00049	mg/l
rel. standard deviation	53.9	26.9	%
n	19	16	-

Graphical presentation of results

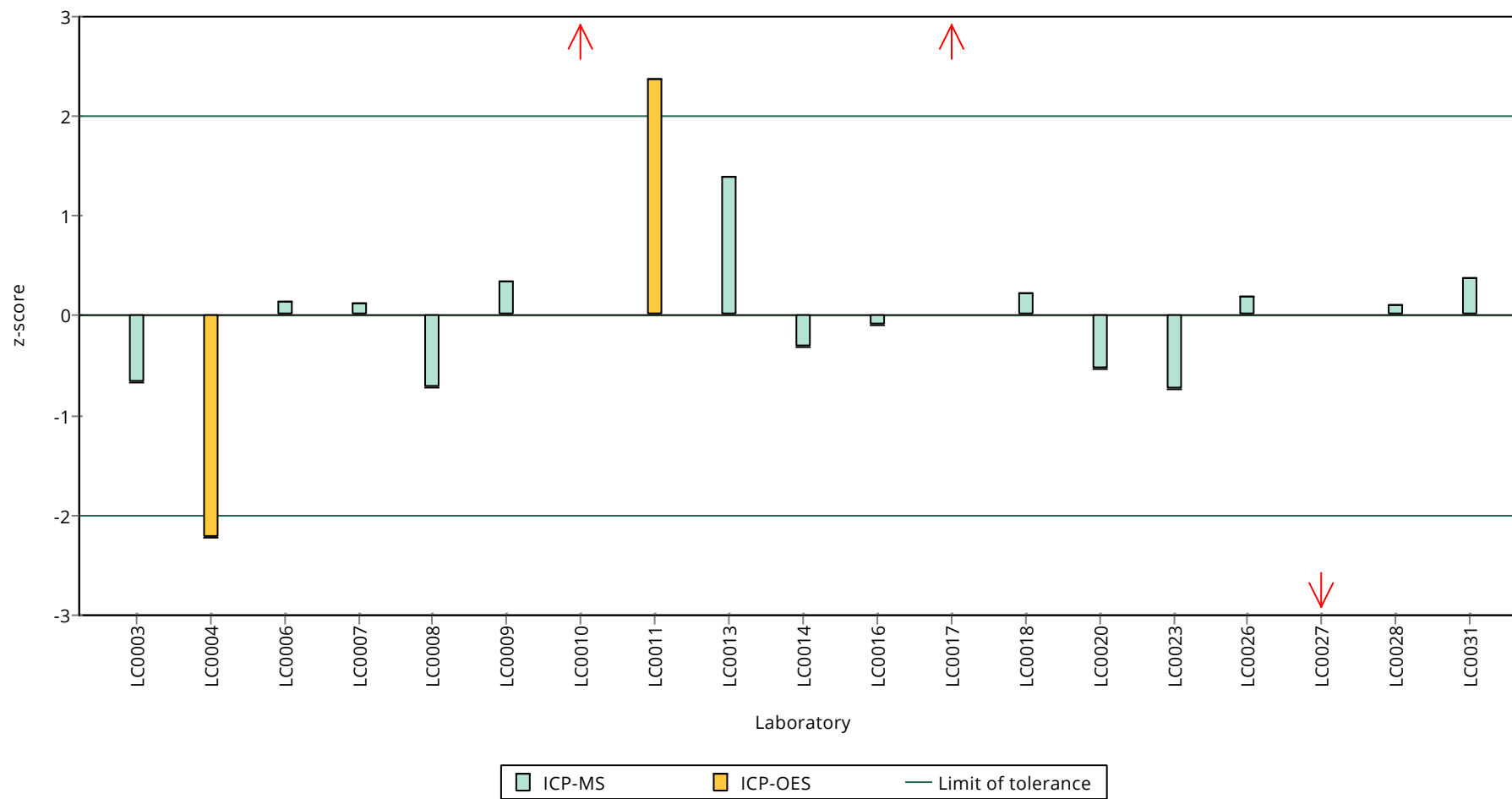
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Tin

Parameter oriented report

AB17

Tin

Unit mg/l
Assigned value $\pm U$ (k=2) 0.019 ± 0.0011
Criterion 0.00209 (11 %)
Minimum - Maximum $0.0131 - 0.0212$
Control test value $\pm U$ (k=2) 0.015 ± 0.0015

Labcode	Result $\pm U$	Recovery [%]	z-Score	Comments
LC0001	0.0189 ± 0.0019	99.3	-0.06	
LC0002	- $\pm$ -	-	-	
LC0003	0.021 ± 0.0011	110	0.94	
LC0004	0.02 ± 0.001	105	0.46	
LC0005	< 0.01 (LOQ) $\pm$ -	-	-	FN
LC0006	0.0018 ± 0.00036	9.5	-8.23	H
LC0007	0.0205 ± 0.0021	108	0.7	
LC0008	0.044 ± 0.004	231	11.93	H
LC0009	0.0211 ± 0.0042	111	0.99	
LC0010	0.0047 ± 0.00024	24.7	-6.85	H
LC0011	0.012 ± 0.00074	63.1	-3.36	H
LC0012	0.02116 ± 0.00423	111	1.02	
LC0013	0.01907 ± 0.0003	100	0.02	
LC0014	0.0198 ± 0.0024	104	0.37	
LC0015	- $\pm$ -	-	-	
LC0016	0.0188 ± 0.00188	98.8	-0.11	
LC0017	0.0198 ± 0.002	104	0.37	
LC0018	0.01925 ± 0.0029	101	0.1	
LC0019	0.02 ± 0.003	105	0.46	
LC0020	0.01606 ± 0.00079	84.4	-1.42	
LC0021	0.0195 ± 0.005	102	0.22	
LC0022	< 0.02 (LOQ) $\pm$ -	-	-	
LC0023	0.0342 ± 0.004	180	7.25	H
LC0024	< 0.02 (LOQ) $\pm$ -	-	-	
LC0025	0.0131 ± 0.0026	68.8	-2.83	
LC0026	0.0178 ± 0.0018	93.5	-0.59	
LC0027	0.0167 ± 0.00418	87.7	-1.11	
LC0028	0.0185 ± 0.004	97.2	-0.25	
LC0029	< 0.01 (LOQ) $\pm$ -	-	-	FN
LC0030	< 0.06 (LOQ) $\pm$ -	-	-	
LC0031	- $\pm$ -	-	-	

Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

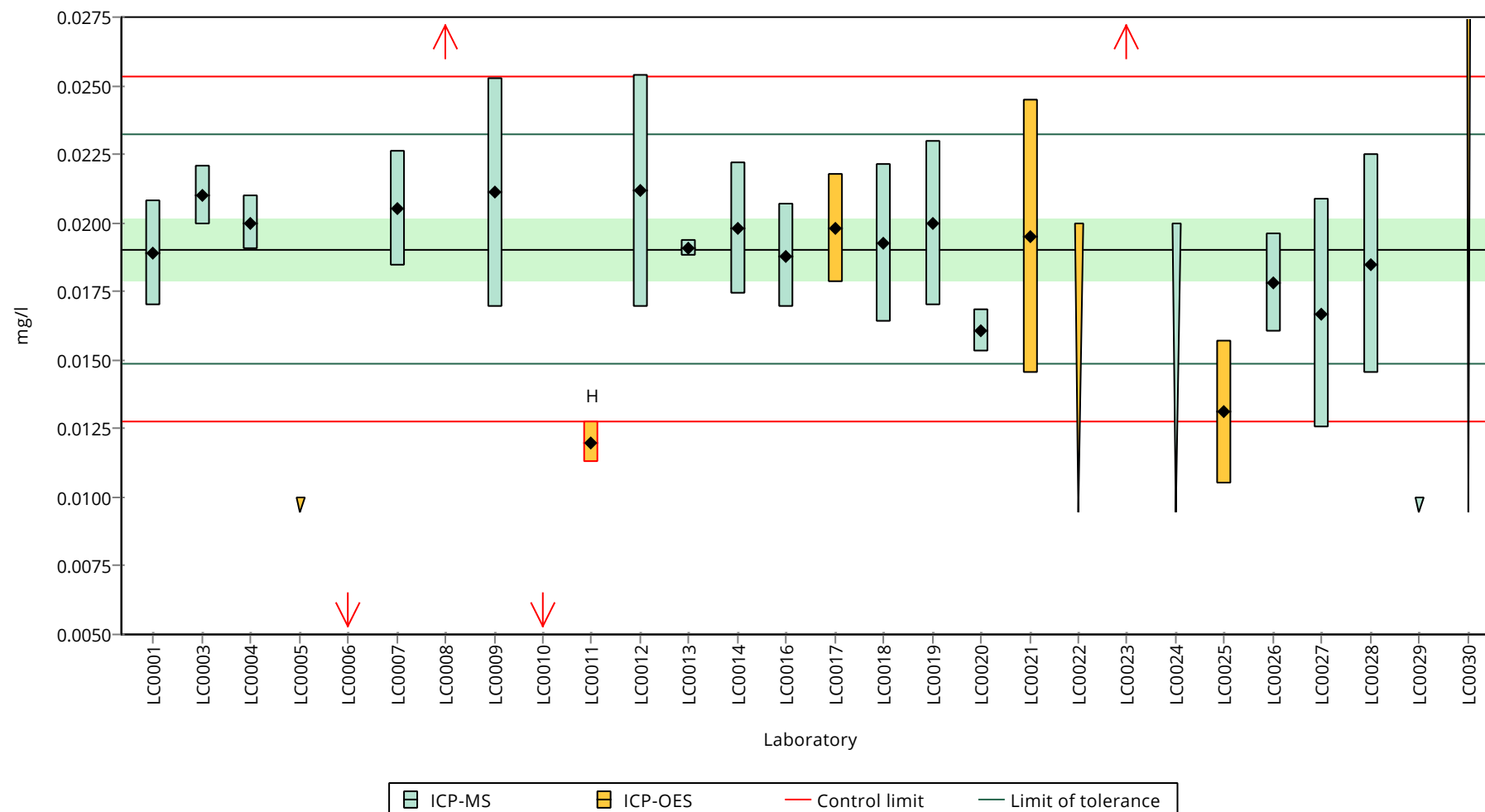
Sample: AB17, Parameter: Tin

Characteristics of parameter

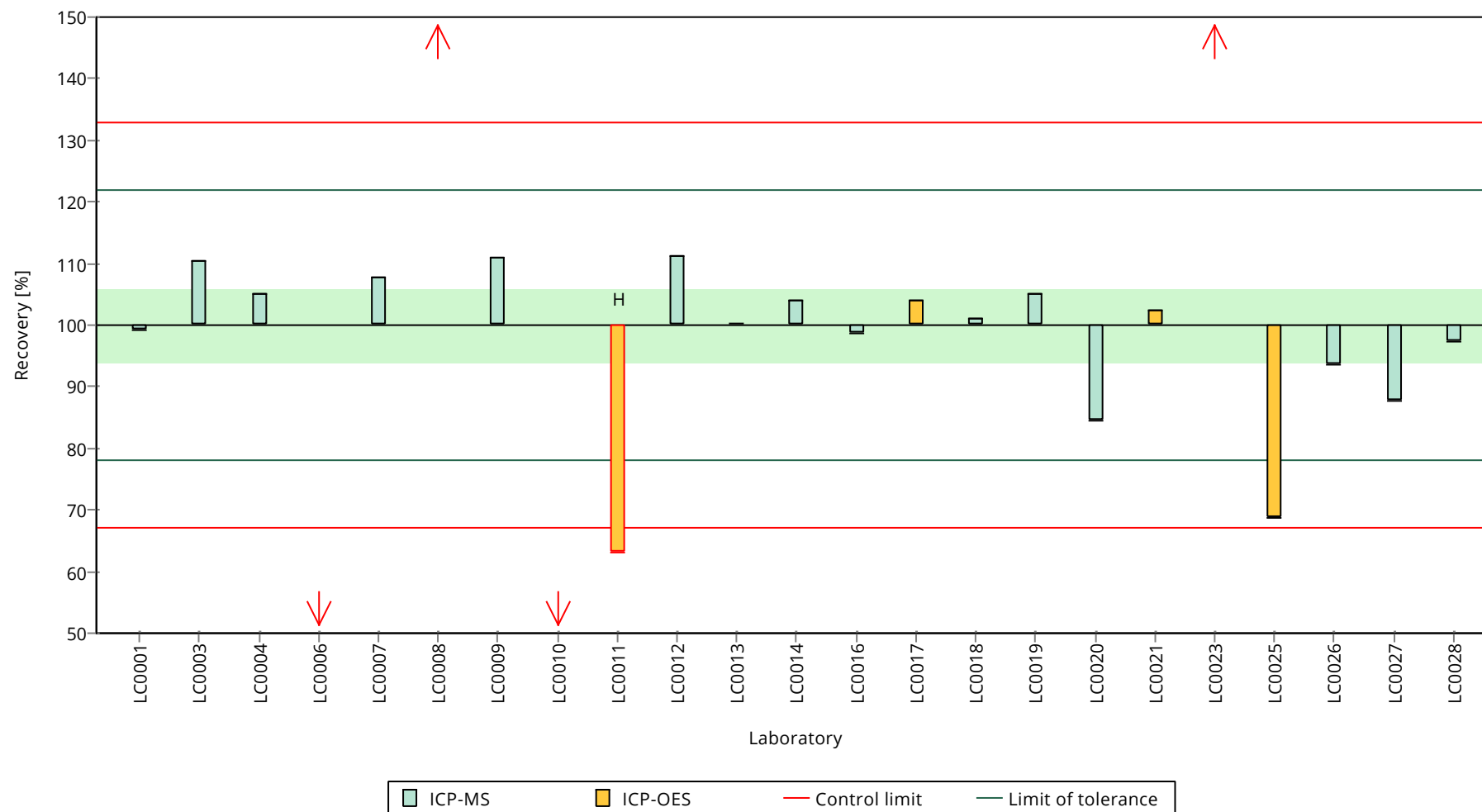
	all results	without outliers	Unit
Mean ± CI (99%)	0.019 ± 0.00512	0.0189 ± 0.00143	mg/l
Minimum	0.0018	0.0131	mg/l
Maximum	0.044	0.0212	mg/l
Standard deviation	0.00819	0.00202	mg/l
rel. standard deviation	43	10.7	%
n	23	18	-

Graphical presentation of results

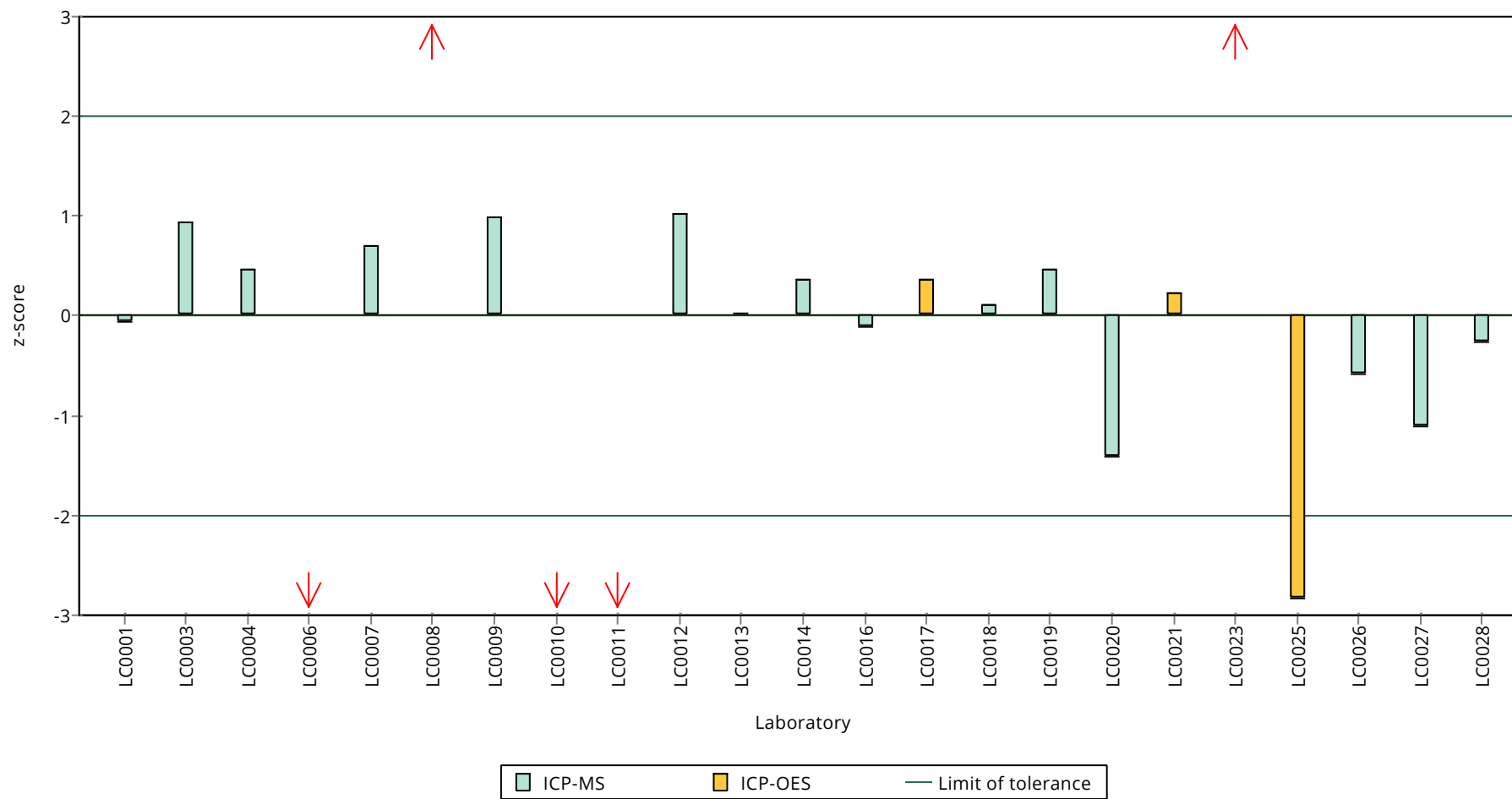
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Vanadium

Parameter oriented report

AB17

Vanadium

Unit mg/l
Assigned value $\pm U$ (k=2) 0.00467 $\pm$ 0.000325
Criterion 0.0007 (15 %)
Minimum - Maximum 0.00322 - 0.006
Control test value $\pm U$ (k=2) 0.00467 $\pm$ 0.000467

Labcode	Result $\pm U$	Recovery [%]	z-Score	Comments
LC0001	0.0052 $\pm$ 0.001	111	0.76	
LC0002	0.0034 $\pm$ 0.0003	72.9	-1.81	
LC0003	0.026 $\pm$ 0.0015	557	30.49	H
LC0004	0.01 $\pm$ 0.0006	214	7.62	H
LC0005	< 0.01 (LOQ) $\pm$ -	-	-	
LC0006	0.0047 $\pm$ 0.00094	101	0.05	
LC0007	0.005 $\pm$ 0.0005	107	0.48	
LC0008	0.00444 $\pm$ 0.00048	95.2	-0.32	
LC0009	0.00542 $\pm$ 0.00108	116	1.08	
LC0010	0.004 $\pm$ 0.00024	85.7	-0.95	
LC0011	0.004 $\pm$ 0.00019	85.7	-0.95	
LC0012	0.00565 $\pm$ 0.00113	121	1.41	
LC0013	0.0044 $\pm$ 0.0001	94.3	-0.38	
LC0014	0.00485 $\pm$ 0.00052	104	0.26	
LC0015	- $\pm$ -	-	-	
LC0016	0.00509 $\pm$ 0.00051	109	0.61	
LC0017	< 0.0095 (LOQ) $\pm$ -	-	-	
LC0018	0.01 $\pm$ 0.0015	214	7.62	H
LC0019	0.006 $\pm$ 0.0009	129	1.91	
LC0020	0.00462 $\pm$ 0.00025	99	-0.06	
LC0021	< 0.007 (LOQ) $\pm$ -	-	-	
LC0022	- $\pm$ -	-	-	
LC0023	0.00432 $\pm$ 0.001	92.6	-0.49	
LC0024	0.0048 $\pm$ 0.00097	103	0.19	
LC0025	< 0.01 (LOQ) $\pm$ -	-	-	
LC0026	0.00441 $\pm$ 0.00044	94.5	-0.36	
LC0027	0.00322 $\pm$ 0.00093	69	-2.07	
LC0028	0.00511 $\pm$ 0.001	110	0.64	
LC0029	< 0.01 (LOQ) $\pm$ -	-	-	
LC0030	< 0.03 (LOQ) $\pm$ -	-	-	
LC0031	- $\pm$ -	-	-	

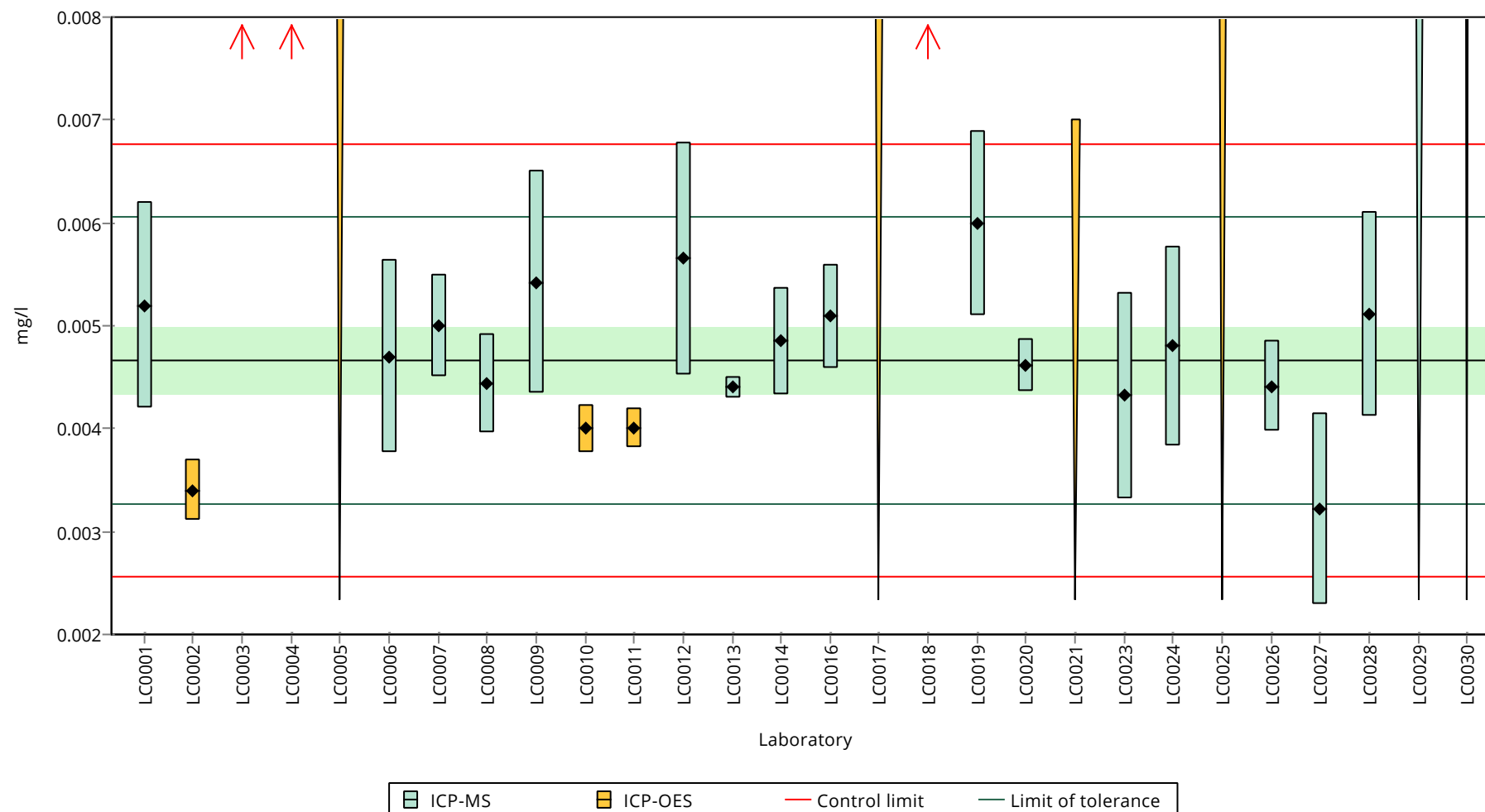
Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Vanadium

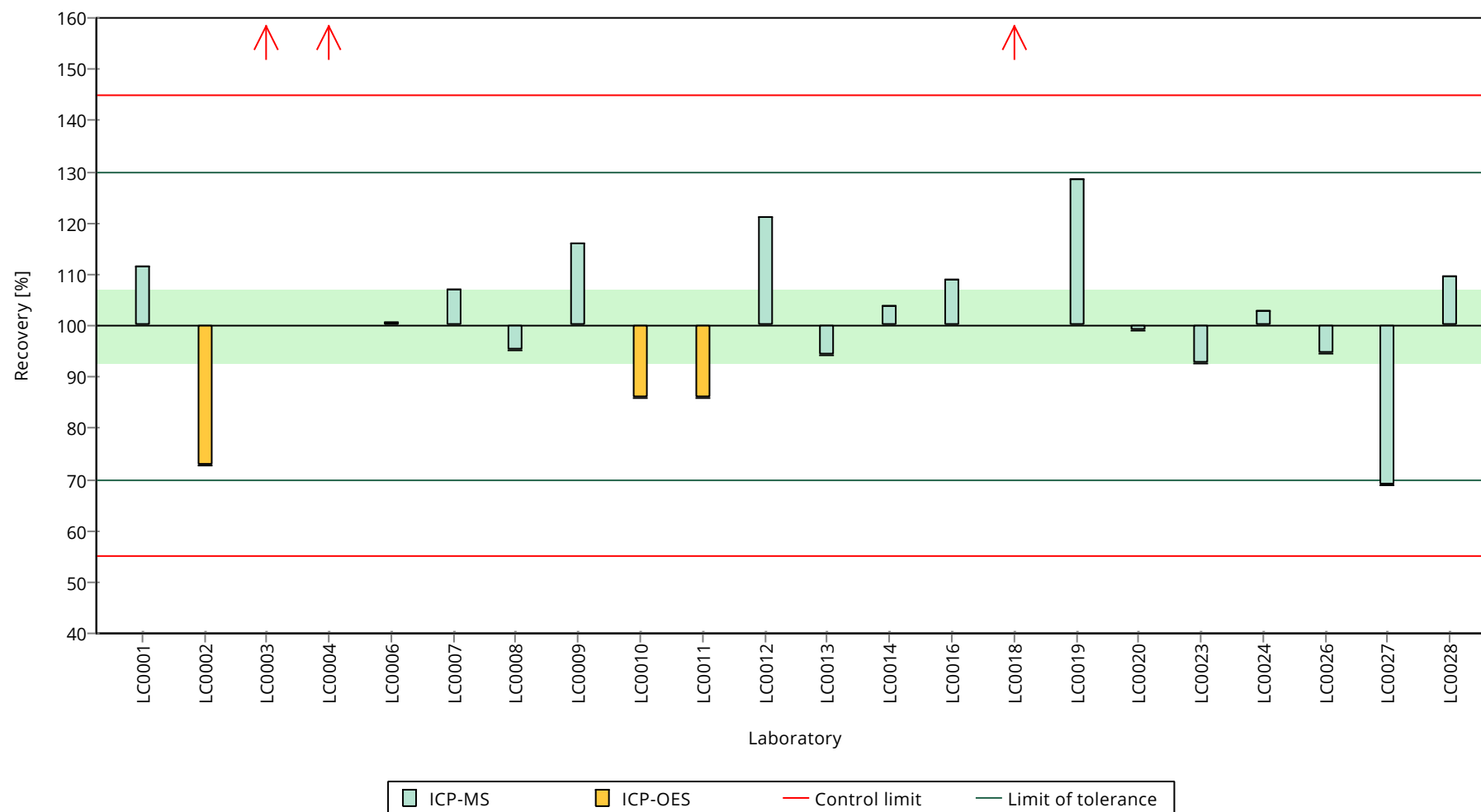
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	0.00612 ± 0.00304	0.00467 ± 0.000488	mg/l
Minimum	0.00322	0.00322	mg/l
Maximum	0.026	0.006	mg/l
Standard deviation	0.00475	0.000709	mg/l
rel. standard deviation	77.7	15.2	%
n	22	19	-

Graphical presentation of results

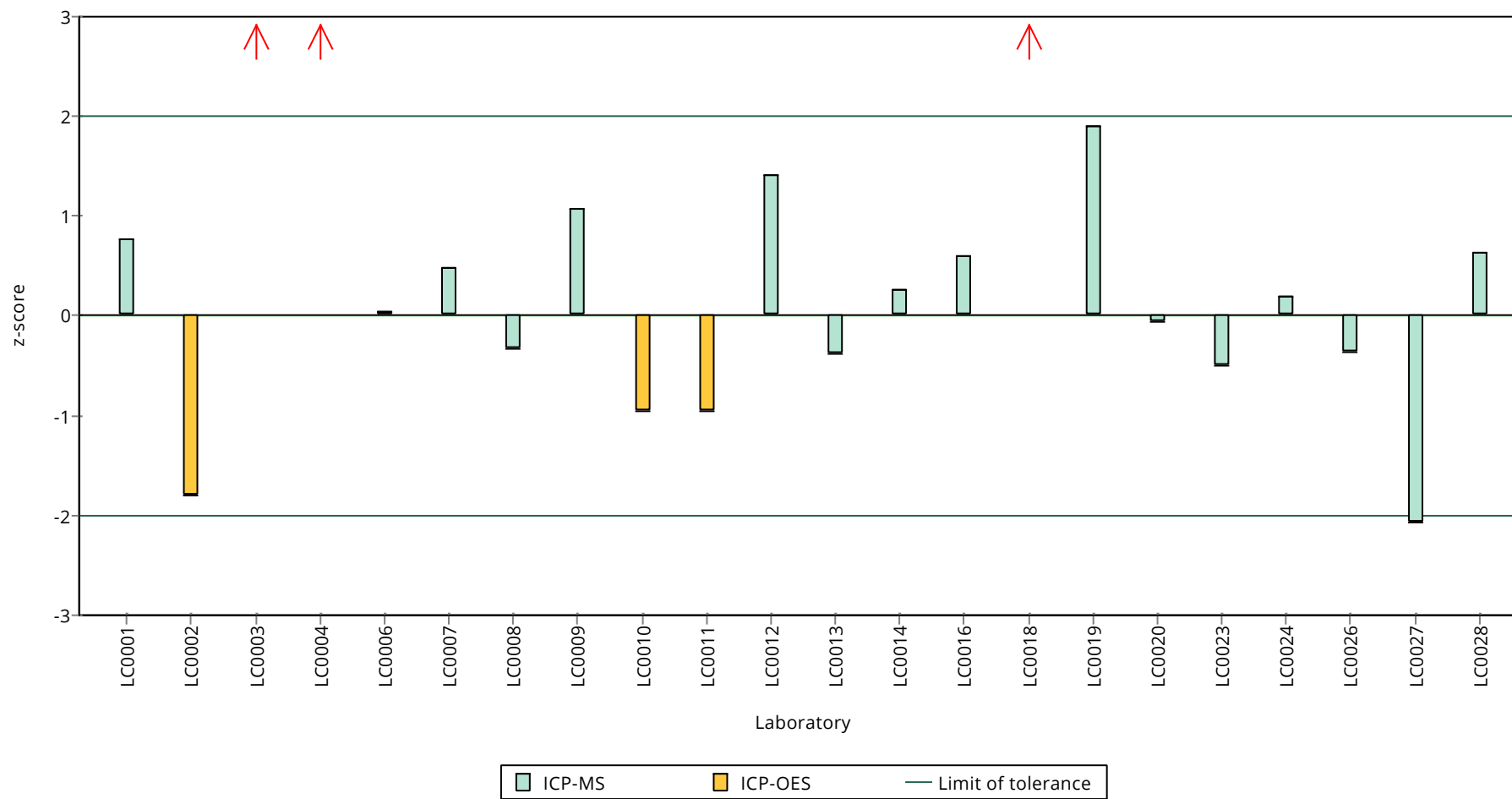
Results



Recovery rate



z-Score



Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Zinc

Parameter oriented report

AB17

Zinc

Unit mg/l
Assigned value $\pm$ U (k=2) 0.0204 $\pm$ 0.00118
Criterion 0.00306 (15 %)
Minimum - Maximum 0.0146 - 0.0283
Control test value $\pm$ U (k=2) 0.0208 $\pm$ 0.0025

Labcode	Result $\pm$ U	Recovery [%]	z-Score	Comments
LC0001	0.0211 $\pm$ 0.0036	103	0.22	
LC0002	0.0178 $\pm$ 0.0008	87.2	-0.85	
LC0003	0.024 $\pm$ 0.0021	118	1.17	
LC0004	0.02 $\pm$ 0.001	98	-0.14	
LC0005	0.018 $\pm$ 0.0023	88.2	-0.79	
LC0006	0.019 $\pm$ 0.0019	93.1	-0.46	
LC0007	0.0197 $\pm$ 0.002	96.5	-0.23	
LC0008	0.018 $\pm$ 0.0011	88.2	-0.79	
LC0009	0.021 $\pm$ 0.0021	103	0.19	
LC0010	0.018 $\pm$ 0.00033	88.2	-0.79	
LC0011	0.022 $\pm$ 0.00047	108	0.52	
LC0012	0.022 $\pm$ 0.0044	108	0.52	
LC0013	0.02166 $\pm$ 0.0002	106	0.41	
LC0014	0.0207 $\pm$ 0.0014	101	0.09	
LC0015	0.0199 $\pm$ 0.006	97.5	-0.17	
LC0016	0.0209 $\pm$ 0.00209	102	0.16	
LC0017	0.0146 $\pm$ 0.003	71.5	-1.9	
LC0018	0.0283 $\pm$ 0.0031	139	2.57	
LC0019	< 0.03 (LOQ) $\pm$ -	-	-	
LC0020	0.01886 $\pm$ 0.00264	92.4	-0.51	
LC0021	0.0209 $\pm$ 0.003	102	0.16	
LC0022	< 0.02 (LOQ) $\pm$ -	-	-	
LC0023	0.01769 $\pm$ 0.006	86.6	-0.89	
LC0024	< 0.05 (LOQ) $\pm$ -	-	-	
LC0025	0.0173 $\pm$ 0.0035	84.7	-1.02	
LC0026	0.0197 $\pm$ 0.002	96.5	-0.23	
LC0027	0.0187 $\pm$ 0.00337	91.6	-0.56	
LC0028	0.0272 $\pm$ 0.009	133	2.22	
LC0029	< 0.05 (LOQ) $\pm$ -	-	-	
LC0030	< 0.07 (LOQ) $\pm$ -	-	-	
LC0031	0.0238 $\pm$ 0.0045	117	1.11	

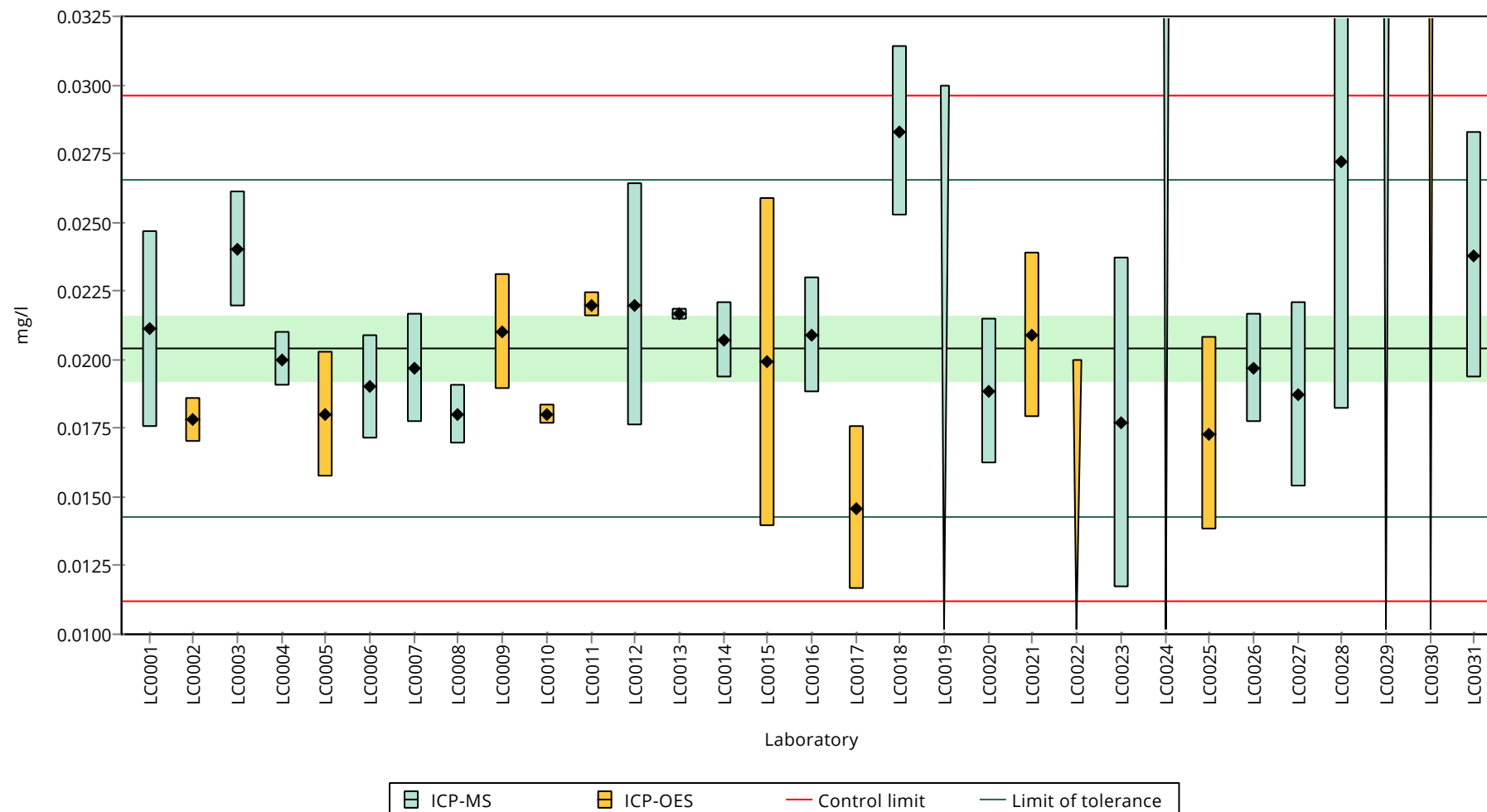
Parameter oriented report Waste acc to landfill
directive (eluate metals) - AB17

Sample: AB17, Parameter: Zinc

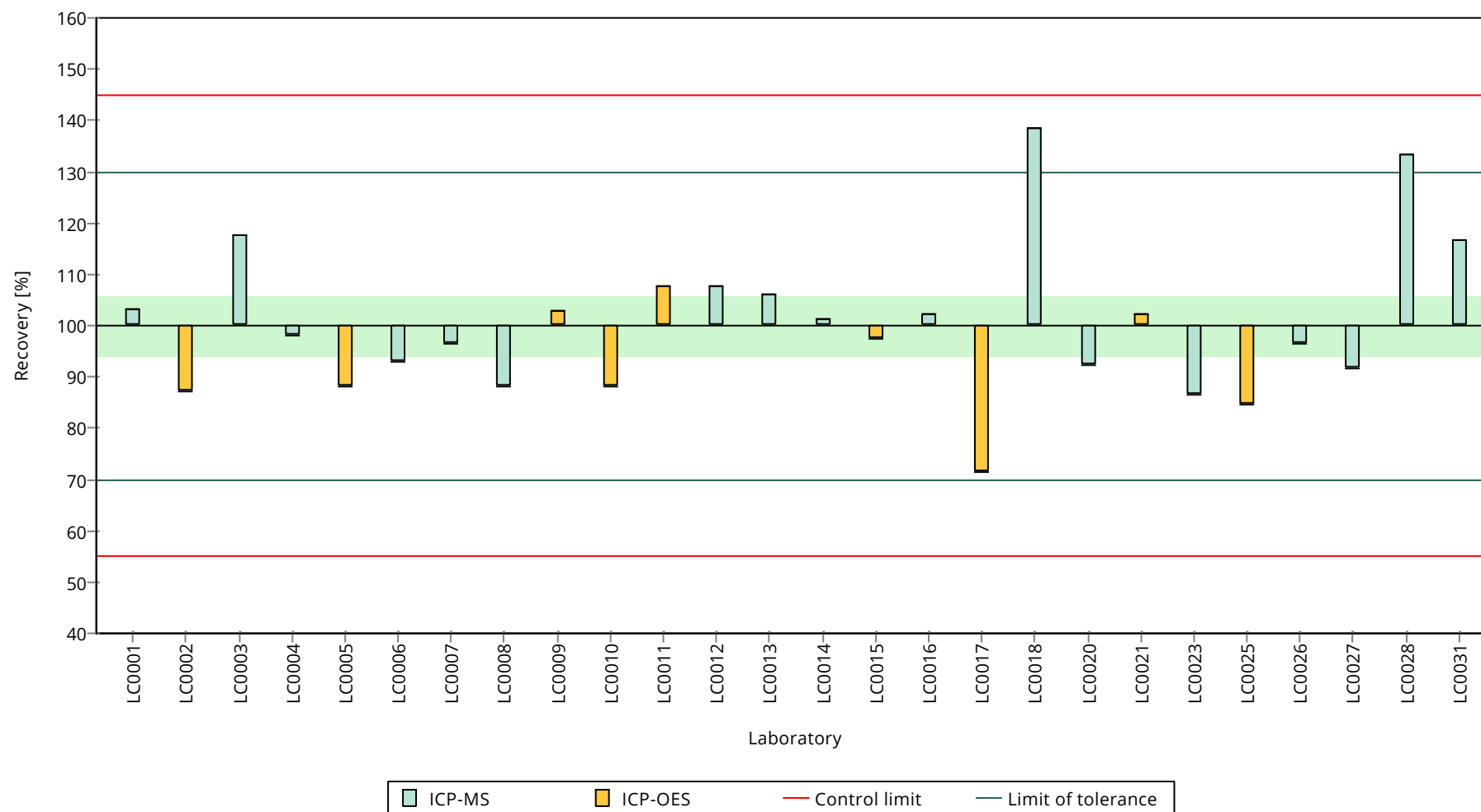
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	0.0204 ± 0.00176	0.0204 ± 0.00176	mg/l
Minimum	0.0146	0.0146	mg/l
Maximum	0.0283	0.0283	mg/l
Standard deviation	0.003	0.003	mg/l
rel. standard deviation	14.7	14.7	%
n	26	26	-

Graphical presentation of results

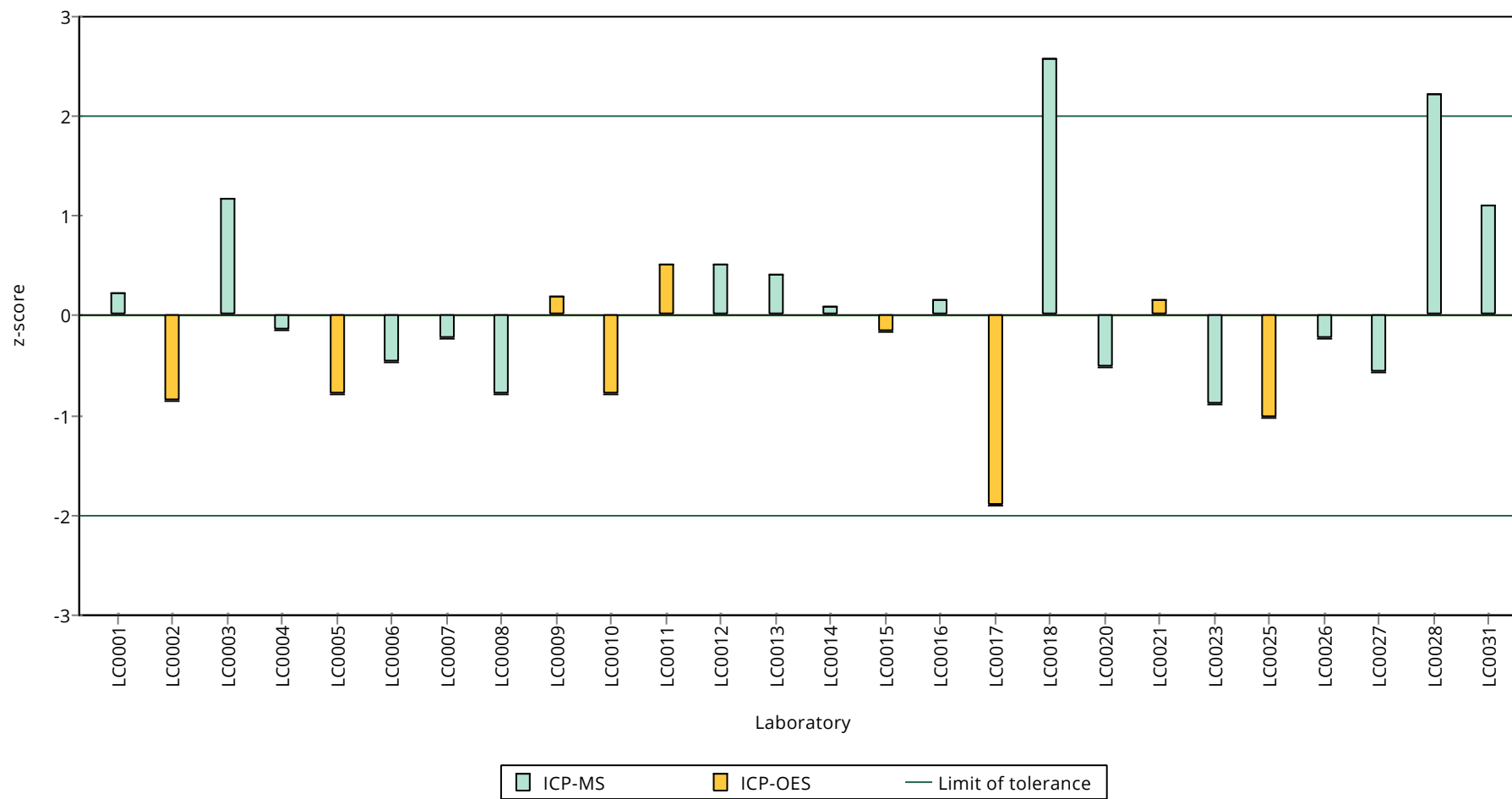
Results



Recovery rate



z-Score



E8. Labororientierte Auswertung / Laboratory oriented report

Die Labororientierte Auswertung ist nach dem Laborcode sortiert.

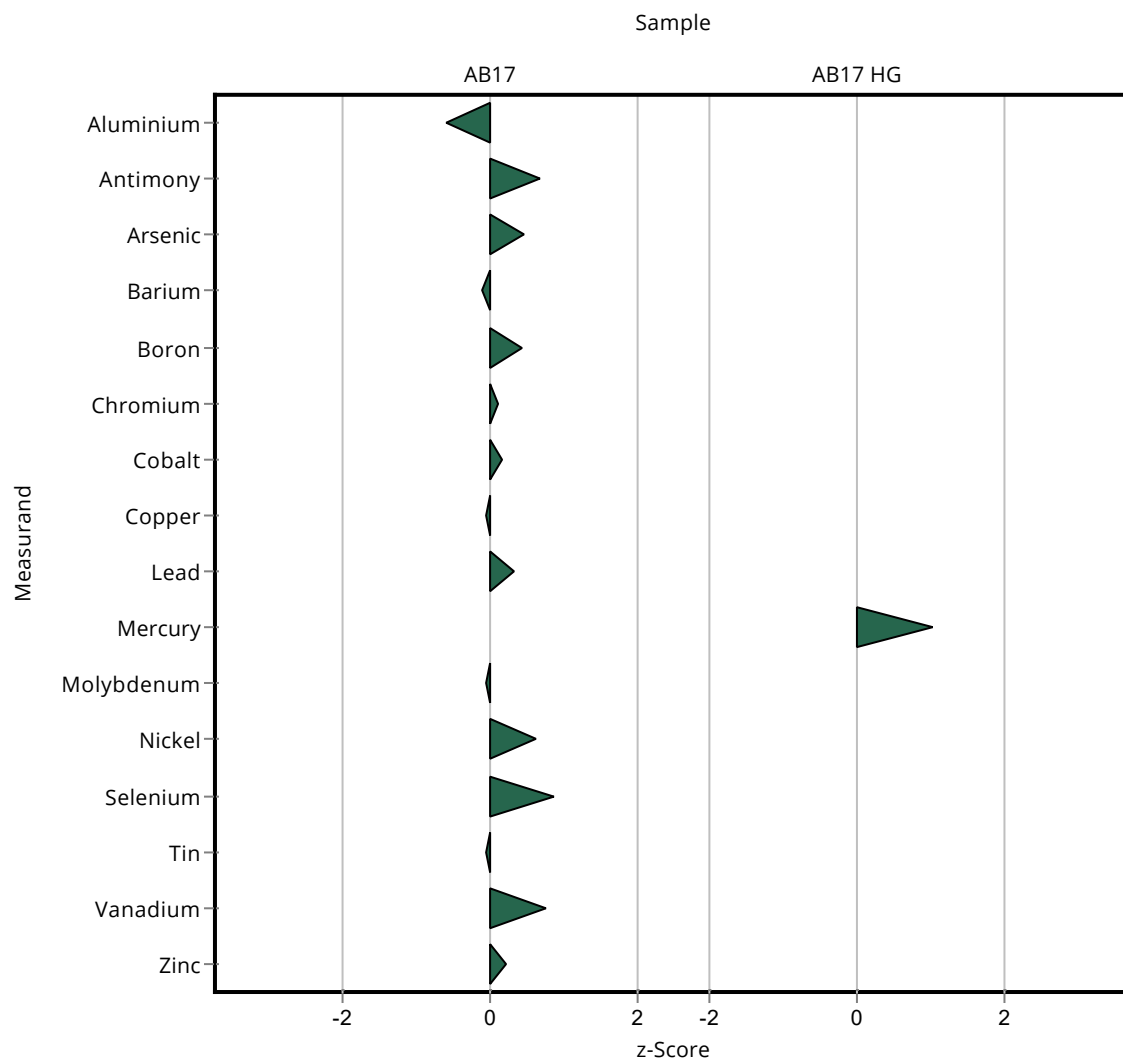
The laboratory oriented report is sorted by laboratory code.

Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.391 $\pm$ 0.21	0.148	94.1	-0.59
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0158 $\pm$ 0.0025	0.00148	107	0.68
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0072 $\pm$ 0.0012	0.000947	106	0.46
Barium	mg/l	0.118 $\pm$ 0.0051	0.117 $\pm$ 0.016	0.0142	98.8	-0.10
Boron	mg/l	0.427 $\pm$ 0.0165	0.445 $\pm$ 0.11	0.0427	104	0.43
Cadmium	mg/l	- $\pm$ -	0.00031 $\pm$ 0.00012	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.36 $\pm$ 0.089	0.0356	101	0.10
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0197 $\pm$ 0.0023	0.00251	102	0.16
Copper	mg/l	0.383 $\pm$ 0.0107	0.381 $\pm$ 0.082	0.0383	99.5	-0.05
Iron	mg/l	0.0639 $\pm$ 0.00415	- $\pm$ -	0.0109	-	-
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0179 $\pm$ 0.0028	0.00207	104	0.32
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.312 $\pm$ 0.056	0.0314	99.4	-0.06
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0088 $\pm$ 0.0013	0.000984	107	0.61
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0197 $\pm$ 0.0047	0.00198	110	0.88
Silver	mg/l	0.00183 $\pm$ 0.000245	- $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	0.0189 $\pm$ 0.0019	0.00209	99.3	-0.06
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.0052 $\pm$ 0.001	0.0007	111	0.76
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0211 $\pm$ 0.0036	0.00306	103	0.22

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000165 $\pm$ 0.00003	0.000038	131	1.02



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0001

Sample: AB17

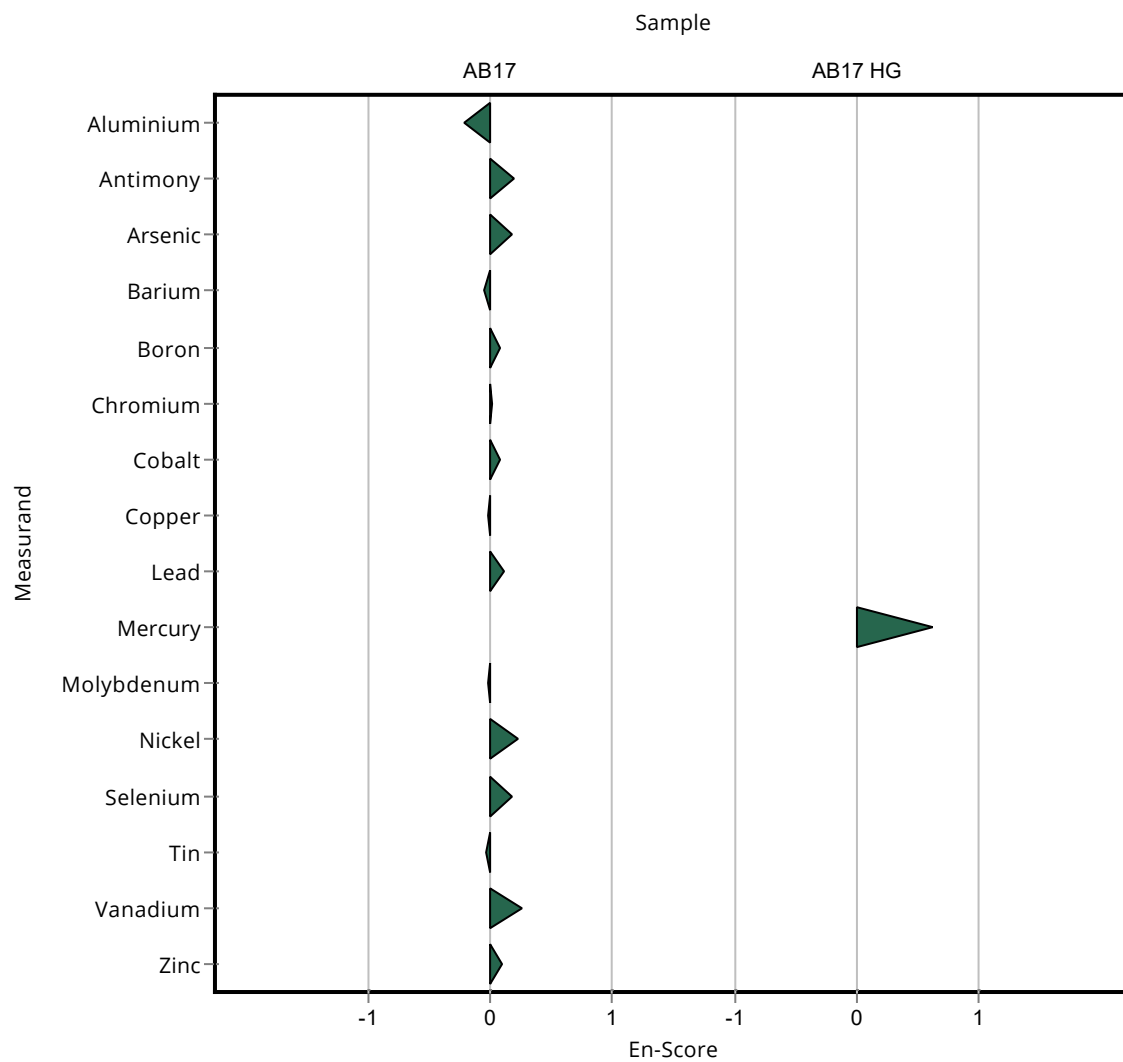
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.391 $\pm$ 0.21	0.148	94.1	-0.21
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0158 $\pm$ 0.0025	0.00148	107	0.20
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0072 $\pm$ 0.0012	0.000947	106	0.18
Barium	mg/l	0.118 $\pm$ 0.0051	0.117 $\pm$ 0.016	0.0142	98.8	-0.04
Boron	mg/l	0.427 $\pm$ 0.0165	0.445 $\pm$ 0.11	0.0427	104	0.08
Cadmium	mg/l	- $\pm$ -	0.00031 $\pm$ 0.00012	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.36 $\pm$ 0.089	0.0356	101	0.02
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0197 $\pm$ 0.0023	0.00251	102	0.08
Copper	mg/l	0.383 $\pm$ 0.0107	0.381 $\pm$ 0.082	0.0383	99.5	-0.01
Iron	mg/l	0.0639 $\pm$ 0.00415	- $\pm$ -	0.0109	-	-
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0179 $\pm$ 0.0028	0.00207	104	0.12
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.312 $\pm$ 0.056	0.0314	99.4	-0.02
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0088 $\pm$ 0.0013	0.000984	107	0.23
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0197 $\pm$ 0.0047	0.00198	110	0.18
Silver	mg/l	0.00183 $\pm$ 0.000245	- $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	0.0189 $\pm$ 0.0019	0.00209	99.3	-0.03
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.0052 $\pm$ 0.001	0.0007	111	0.26
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0211 $\pm$ 0.0036	0.00306	103	0.09

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000165 $\pm$ 0.00003	0.000038	131	0.62

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0001

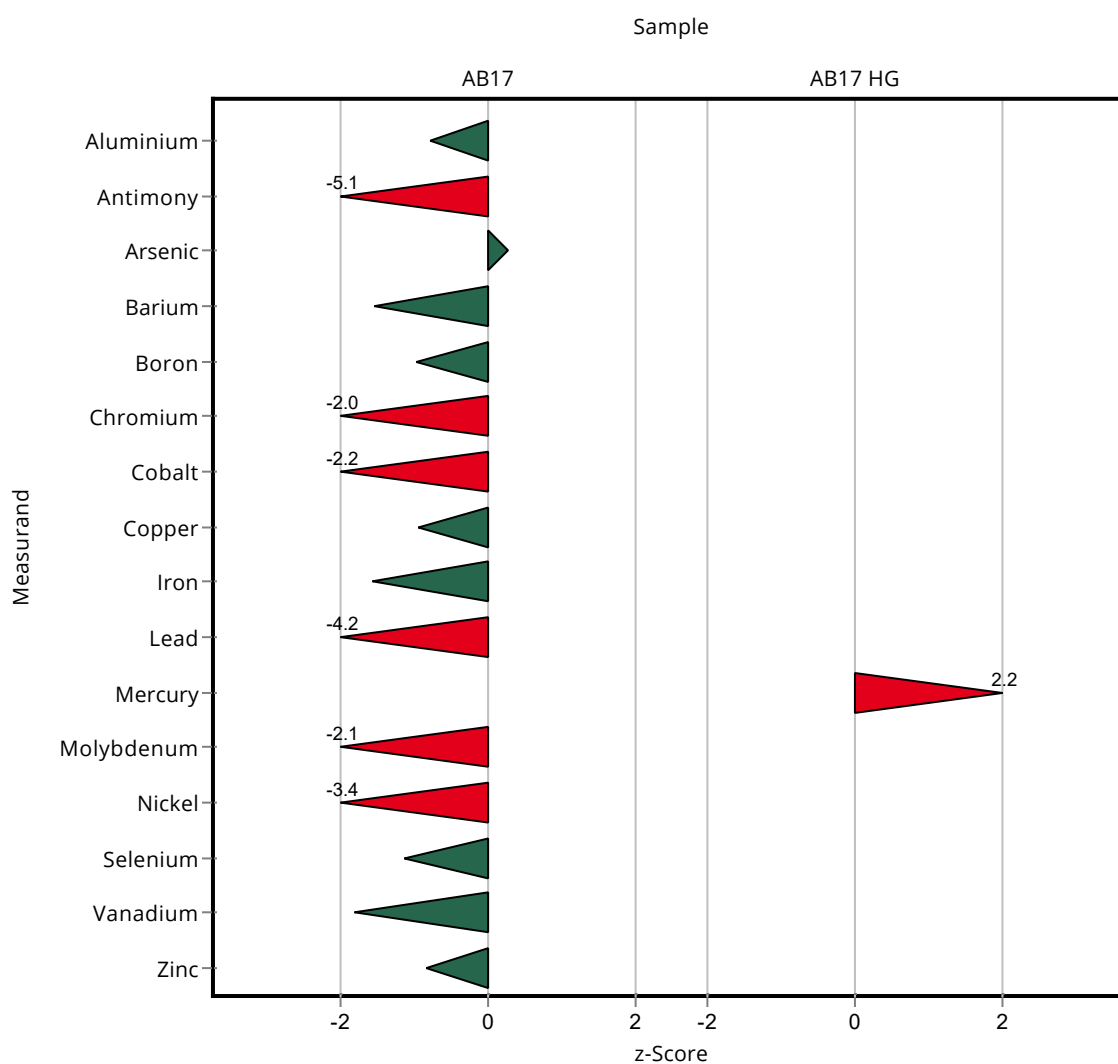


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.36 $\pm$ 0.0503	0.148	92	-0.80
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.00727 $\pm$ 0.0005	0.00148	49.1	-5.09
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00703 $\pm$ 0.0008	0.000947	104	0.28
Barium	mg/l	0.118 $\pm$ 0.0051	0.0962 $\pm$ 0.0066	0.0142	81.3	-1.56
Boron	mg/l	0.427 $\pm$ 0.0165	0.3843 $\pm$ 0.0169	0.0427	90.1	-0.99
Cadmium	mg/l	- $\pm$ -	<0.0003 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.2837 $\pm$ 0.0185	0.0356	79.6	-2.04
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0139 $\pm$ 0.0003	0.00251	72	-2.16
Copper	mg/l	0.383 $\pm$ 0.0107	0.3466 $\pm$ 0.0227	0.0383	90.5	-0.95
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0467 $\pm$ 0.0014	0.0109	73.1	-1.58
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0086 $\pm$ 0.0008	0.00207	49.9	-4.18
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.2477 $\pm$ 0.0273	0.0314	78.9	-2.11
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0049 $\pm$ 0.0006	0.000984	59.8	-3.35
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0157 $\pm$ 0.0016	0.00198	87.4	-1.15
Silver	mg/l	0.00183 $\pm$ 0.000245	- $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	- $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.0034 $\pm$ 0.0003	0.0007	72.9	-1.81
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0178 $\pm$ 0.0008	0.00306	87.2	-0.85

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00021 $\pm$ 0.00002	0.000038	166	2.21



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0002

Sample: AB17

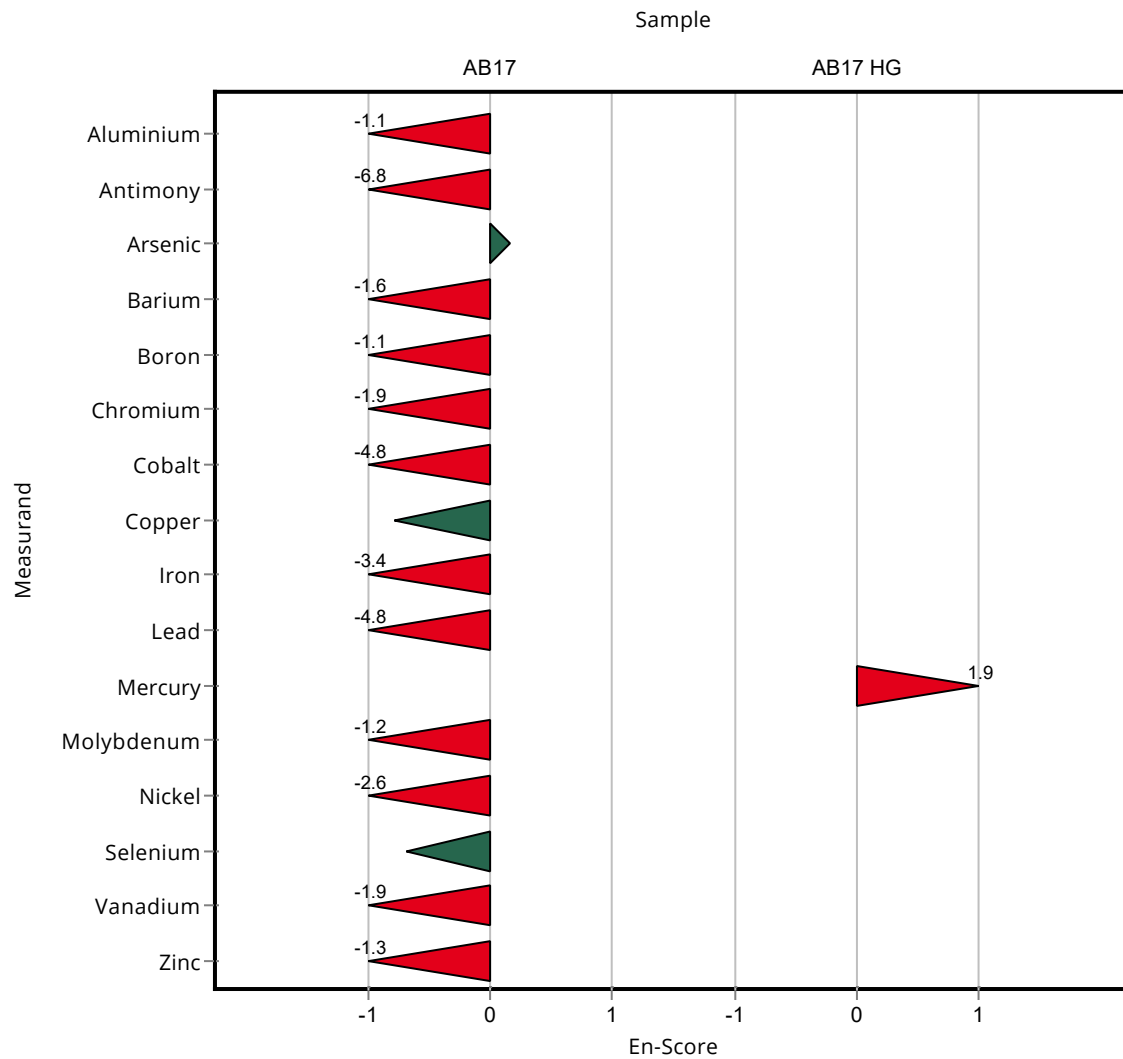
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.36 $\pm$ 0.0503	0.148	92	-1.08
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.00727 $\pm$ 0.0005	0.00148	49.1	-6.83
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00703 $\pm$ 0.0008	0.000947	104	0.16
Barium	mg/l	0.118 $\pm$ 0.0051	0.0962 $\pm$ 0.0066	0.0142	81.3	-1.57
Boron	mg/l	0.427 $\pm$ 0.0165	0.3843 $\pm$ 0.0169	0.0427	90.1	-1.12
Cadmium	mg/l	- $\pm$ -	<0.0003 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.2837 $\pm$ 0.0185	0.0356	79.6	-1.86
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0139 $\pm$ 0.0003	0.00251	72	-4.84
Copper	mg/l	0.383 $\pm$ 0.0107	0.3466 $\pm$ 0.0227	0.0383	90.5	-0.78
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0467 $\pm$ 0.0014	0.0109	73.1	-3.43
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0086 $\pm$ 0.0008	0.00207	49.9	-4.79
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.2477 $\pm$ 0.0273	0.0314	78.9	-1.19
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0049 $\pm$ 0.0006	0.000984	59.8	-2.60
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0157 $\pm$ 0.0016	0.00198	87.4	-0.68
Silver	mg/l	0.00183 $\pm$ 0.000245	- $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	- $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.0034 $\pm$ 0.0003	0.0007	72.9	-1.85
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0178 $\pm$ 0.0008	0.00306	87.2	-1.32

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00021 $\pm$ 0.00002	0.000038	166	1.95

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0002

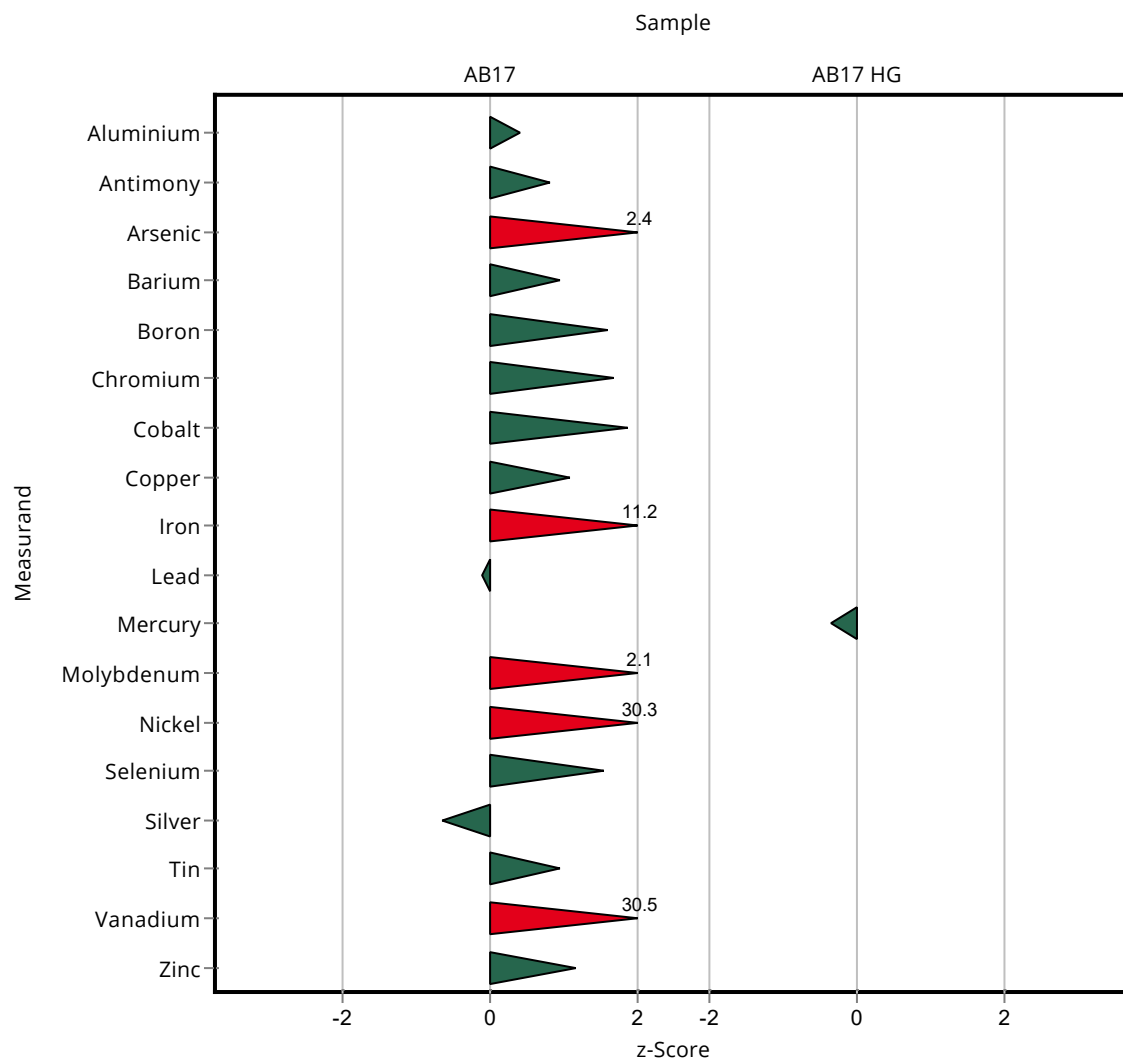


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.54 $\pm$ 0.07	0.148	104	0.42
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.016 $\pm$ 0.0012	0.00148	108	0.82
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.009 $\pm$ 0.00059	0.000947	133	2.36
Barium	mg/l	0.118 $\pm$ 0.0051	0.132 $\pm$ 0.0086	0.0142	111	0.96
Boron	mg/l	0.427 $\pm$ 0.0165	0.495 $\pm$ 0.052	0.0427	116	1.60
Cadmium	mg/l	- $\pm$ -	0.0013 $\pm$ 0.00011	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.416 $\pm$ 0.024	0.0356	117	1.67
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.024 $\pm$ 0.0013	0.00251	124	1.87
Copper	mg/l	0.383 $\pm$ 0.0107	0.425 $\pm$ 0.0157	0.0383	111	1.10
Iron	mg/l	0.0639 $\pm$ 0.00415	0.186 $\pm$ 0.0063	0.0109	291	11.24
Lead	mg/l	0.0172 $\pm$ 0.000835	0.017 $\pm$ 0.0011	0.00207	98.6	-0.12
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.38 $\pm$ 0.023	0.0314	121	2.10
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.038 $\pm$ 0.0022	0.000984	464	30.30
Selenium	mg/l	0.018 $\pm$ 0.000822	0.021 $\pm$ 0.00095	0.00198	117	1.54
Silver	mg/l	0.00183 $\pm$ 0.000245	0.0015 $\pm$ 0.00011	0.000493	82.1	-0.66
Tin	mg/l	0.019 $\pm$ 0.0011	0.021 $\pm$ 0.0011	0.00209	110	0.94
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.026 $\pm$ 0.0015	0.0007	557	30.49
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.024 $\pm$ 0.0021	0.00306	118	1.17

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.0001128 $\pm$ 0.000002	0.000038	89.3	-0.36



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0003

Sample: AB17

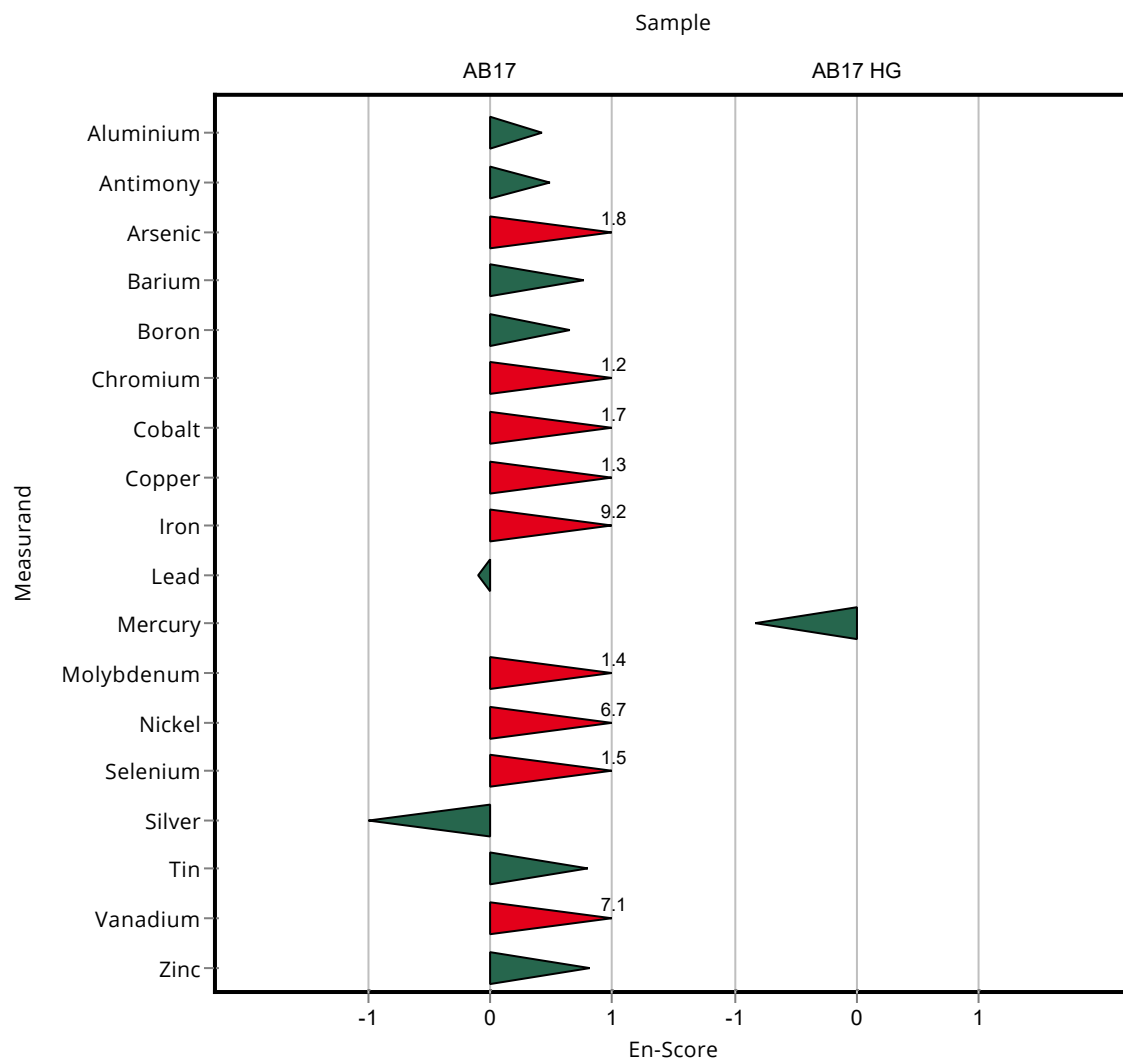
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.54 $\pm$ 0.07	0.148	104	0.42
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.016 $\pm$ 0.0012	0.00148	108	0.49
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.009 $\pm$ 0.00059	0.000947	133	1.80
Barium	mg/l	0.118 $\pm$ 0.0051	0.132 $\pm$ 0.0086	0.0142	111	0.76
Boron	mg/l	0.427 $\pm$ 0.0165	0.495 $\pm$ 0.052	0.0427	116	0.65
Cadmium	mg/l	- $\pm$ -	0.0013 $\pm$ 0.00011	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.416 $\pm$ 0.024	0.0356	117	1.20
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.024 $\pm$ 0.0013	0.00251	124	1.70
Copper	mg/l	0.383 $\pm$ 0.0107	0.425 $\pm$ 0.0157	0.0383	111	1.27
Iron	mg/l	0.0639 $\pm$ 0.00415	0.186 $\pm$ 0.0063	0.0109	291	9.20
Lead	mg/l	0.0172 $\pm$ 0.000835	0.017 $\pm$ 0.0011	0.00207	98.6	-0.10
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.38 $\pm$ 0.023	0.0314	121	1.39
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.038 $\pm$ 0.0022	0.000984	464	6.74
Selenium	mg/l	0.018 $\pm$ 0.000822	0.021 $\pm$ 0.00095	0.00198	117	1.47
Silver	mg/l	0.00183 $\pm$ 0.000245	0.0015 $\pm$ 0.00011	0.000493	82.1	-0.99
Tin	mg/l	0.019 $\pm$ 0.0011	0.021 $\pm$ 0.0011	0.00209	110	0.80
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.026 $\pm$ 0.0015	0.0007	557	7.07
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.024 $\pm$ 0.0021	0.00306	118	0.82

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.0001128 $\pm$ 0.000002	0.000038	89.3	-0.84

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0003

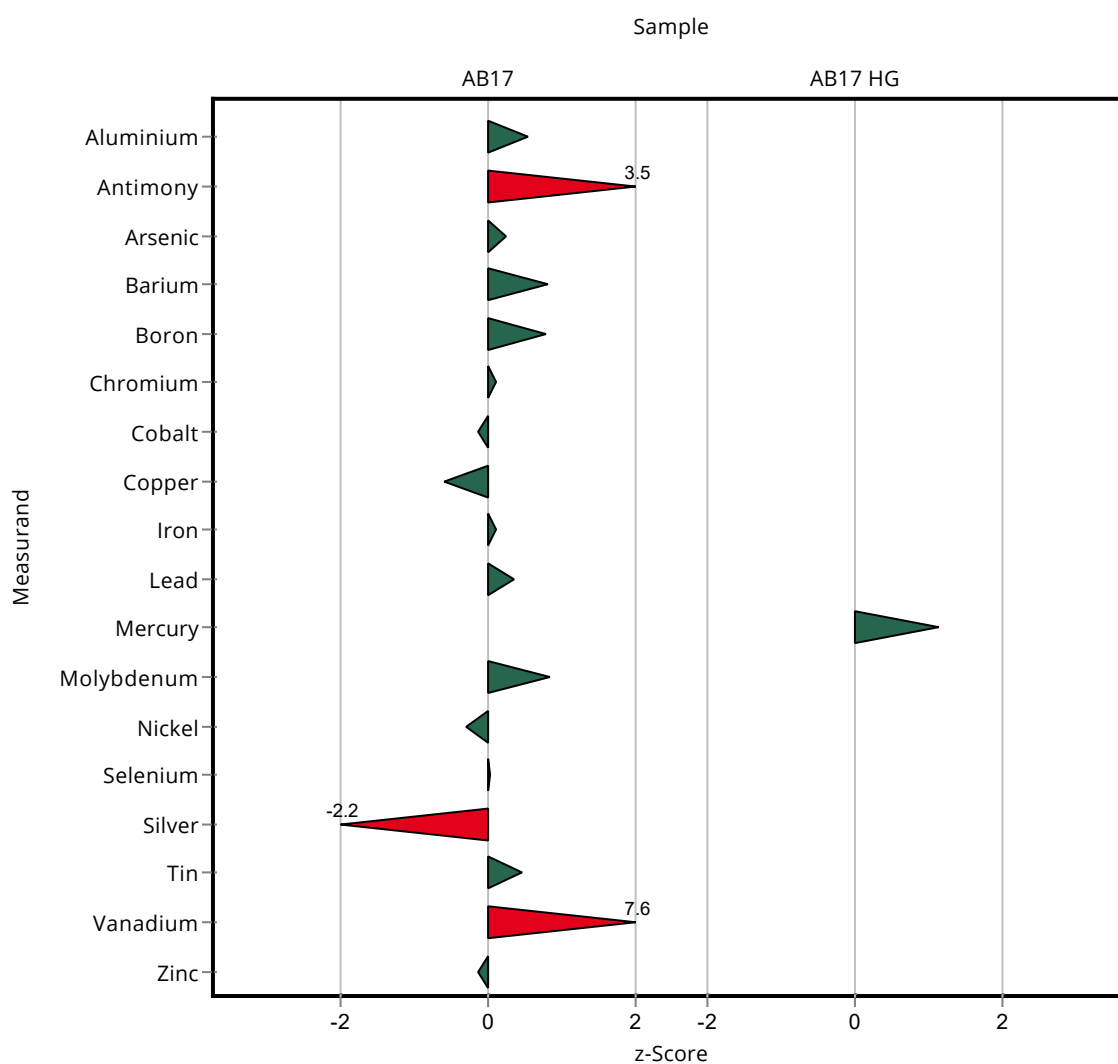


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.56 $\pm$ 0.25	0.148	106	0.55
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.02 $\pm$ 0.0016	0.00148	135	3.52
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.007 $\pm$ 0.0007	0.000947	103	0.25
Barium	mg/l	0.118 $\pm$ 0.0051	0.13 $\pm$ 0.0169	0.0142	110	0.82
Boron	mg/l	0.427 $\pm$ 0.0165	0.46 $\pm$ 0.1196	0.0427	108	0.78
Cadmium	mg/l	- $\pm$ -	0.00012 $\pm$ 0.00001	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.36 $\pm$ 0.029	0.0356	101	0.10
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.019 $\pm$ 0.003	0.00251	98.4	-0.12
Copper	mg/l	0.383 $\pm$ 0.0107	0.36 $\pm$ 0.05	0.0383	94	-0.60
Iron	mg/l	0.0639 $\pm$ 0.00415	0.065 $\pm$ 0.005	0.0109	102	0.10
Lead	mg/l	0.0172 $\pm$ 0.000835	0.018 $\pm$ 0.003	0.00207	104	0.36
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.34 $\pm$ 0.041	0.0314	108	0.83
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0079 $\pm$ 0.0006	0.000984	96.4	-0.30
Selenium	mg/l	0.018 $\pm$ 0.000822	0.018 $\pm$ 0.001	0.00198	100	0.02
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00073 $\pm$ 0.00029	0.000493	40	-2.22
Tin	mg/l	0.019 $\pm$ 0.0011	0.02 $\pm$ 0.001	0.00209	105	0.46
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.01 $\pm$ 0.0006	0.0007	214	7.62
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.02 $\pm$ 0.001	0.00306	98	-0.14

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00017 $\pm$ 0.00003	0.000038	135	1.15



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0004

Sample: AB17

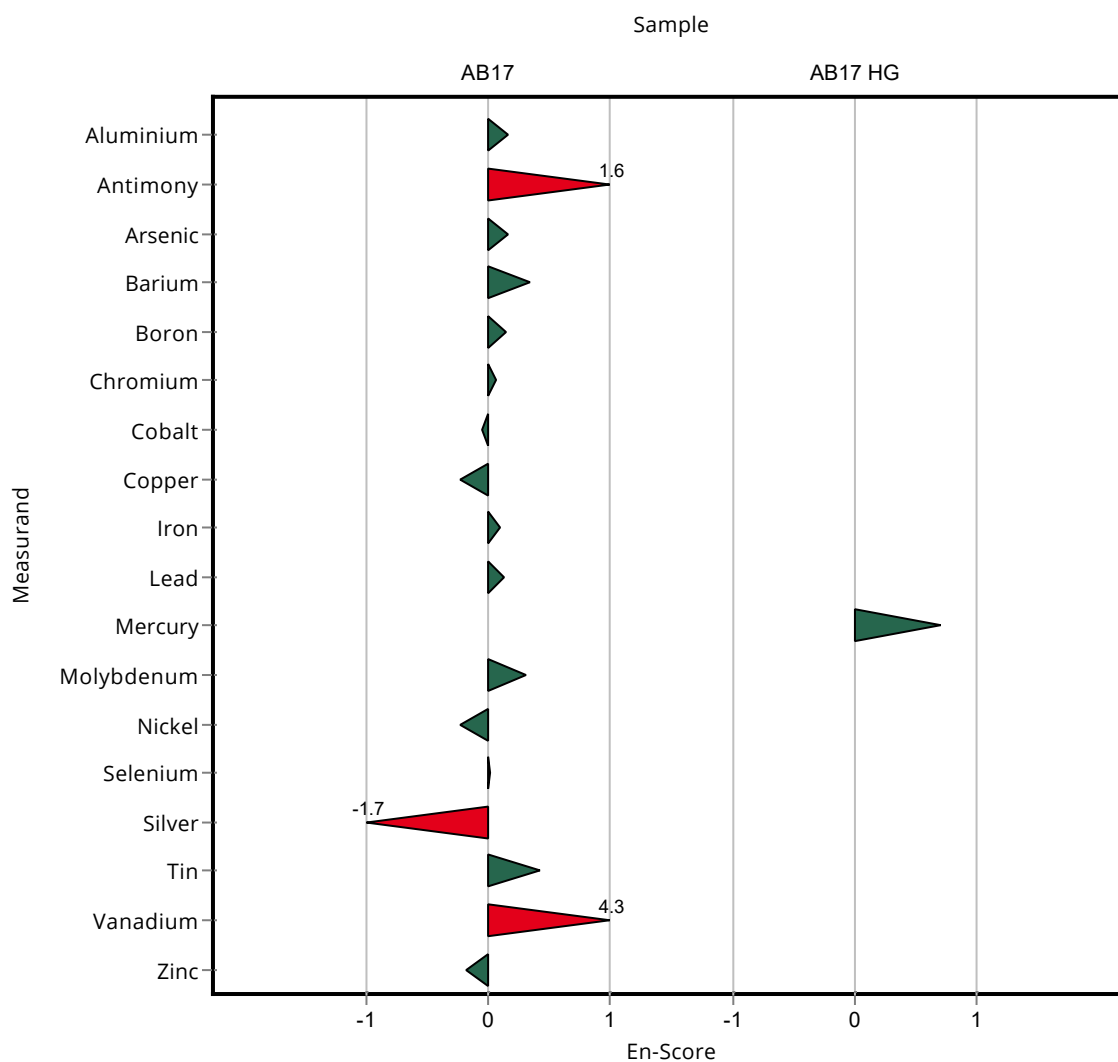
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.56 $\pm$ 0.25	0.148	106	0.16
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.02 $\pm$ 0.0016	0.00148	135	1.61
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.007 $\pm$ 0.0007	0.000947	103	0.16
Barium	mg/l	0.118 $\pm$ 0.0051	0.13 $\pm$ 0.0169	0.0142	110	0.34
Boron	mg/l	0.427 $\pm$ 0.0165	0.46 $\pm$ 0.1196	0.0427	108	0.14
Cadmium	mg/l	- $\pm$ -	0.00012 $\pm$ 0.00001	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.36 $\pm$ 0.029	0.0356	101	0.06
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.019 $\pm$ 0.003	0.00251	98.4	-0.05
Copper	mg/l	0.383 $\pm$ 0.0107	0.36 $\pm$ 0.05	0.0383	94	-0.23
Iron	mg/l	0.0639 $\pm$ 0.00415	0.065 $\pm$ 0.005	0.0109	102	0.10
Lead	mg/l	0.0172 $\pm$ 0.000835	0.018 $\pm$ 0.003	0.00207	104	0.12
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.34 $\pm$ 0.041	0.0314	108	0.31
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0079 $\pm$ 0.0006	0.000984	96.4	-0.23
Selenium	mg/l	0.018 $\pm$ 0.000822	0.018 $\pm$ 0.001	0.00198	100	0.02
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00073 $\pm$ 0.00029	0.000493	40	-1.74
Tin	mg/l	0.019 $\pm$ 0.0011	0.02 $\pm$ 0.001	0.00209	105	0.42
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.01 $\pm$ 0.0006	0.0007	214	4.29
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.02 $\pm$ 0.001	0.00306	98	-0.18

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00017 $\pm$ 0.00003	0.000038	135	0.70

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0004

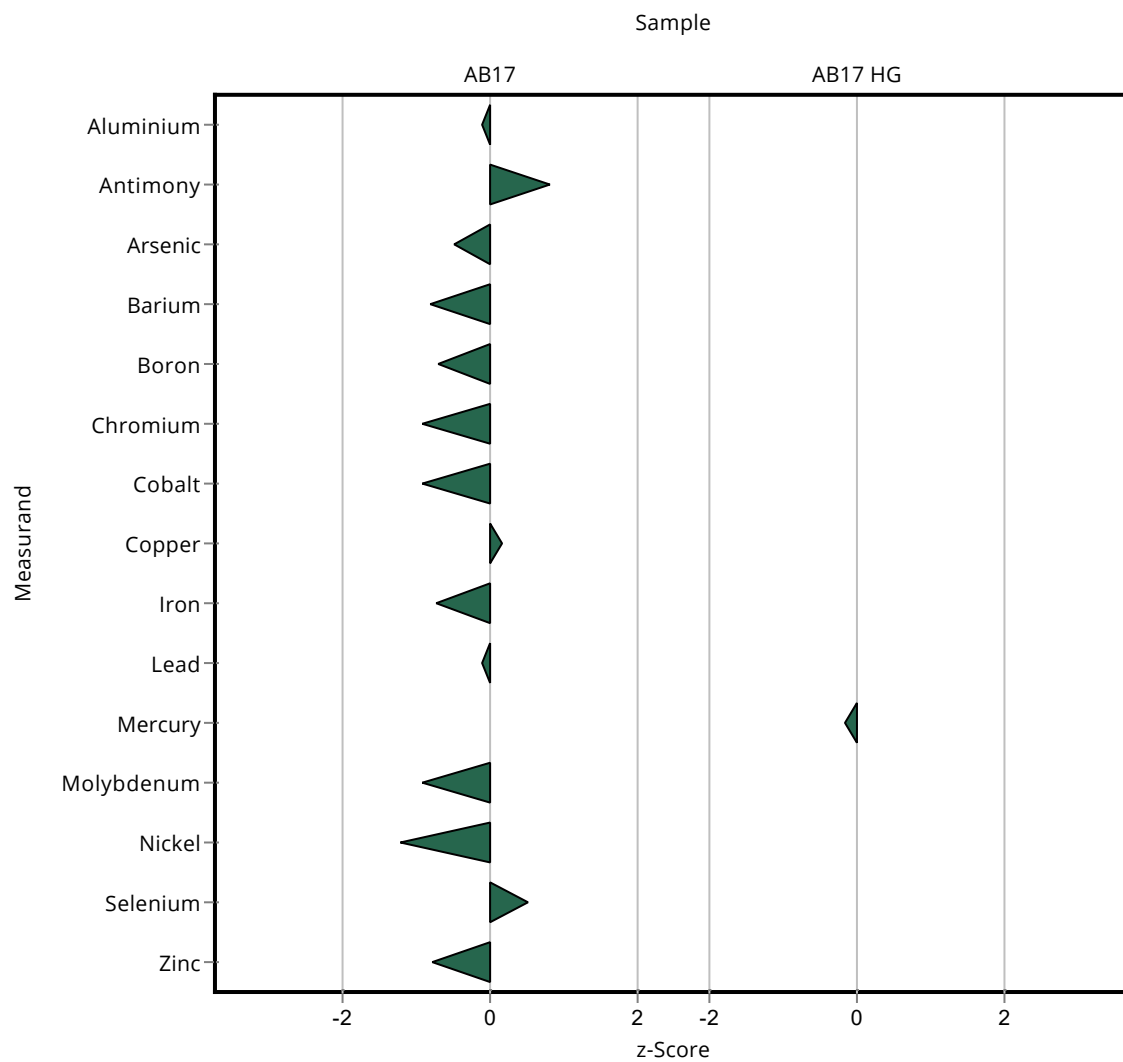


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.462 $\pm$ 0.132	0.148	98.9	-0.11
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.016 $\pm$ 0.0013	0.00148	108	0.82
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0063 $\pm$ 0.0007	0.000947	93.1	-0.49
Barium	mg/l	0.118 $\pm$ 0.0051	0.107 $\pm$ 0.012	0.0142	90.4	-0.80
Boron	mg/l	0.427 $\pm$ 0.0165	0.396 $\pm$ 0.067	0.0427	92.8	-0.72
Cadmium	mg/l	- $\pm$ -	<0.01 (LOQ) $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.323 $\pm$ 0.052	0.0356	90.6	-0.94
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.017 $\pm$ 0.0015	0.00251	88	-0.92
Copper	mg/l	0.383 $\pm$ 0.0107	0.389 $\pm$ 0.058	0.0383	102	0.16
Iron	mg/l	0.0639 $\pm$ 0.00415	0.056 $\pm$ 0.0073	0.0109	87.6	-0.73
Lead	mg/l	0.0172 $\pm$ 0.000835	0.017 $\pm$ 0.0027	0.00207	98.6	-0.12
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.285 $\pm$ 0.054	0.0314	90.8	-0.92
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.007 $\pm$ 0.0011	0.000984	85.4	-1.22
Selenium	mg/l	0.018 $\pm$ 0.000822	0.019 $\pm$ 0.0017	0.00198	106	0.52
Silver	mg/l	0.00183 $\pm$ 0.000245	<0.01 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	<0.01 (LOQ) $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	<0.01 (LOQ) $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.018 $\pm$ 0.0023	0.00306	88.2	-0.79

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00012 $\pm$ 0.00002	0.000038	95	-0.17



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0005

Sample: AB17

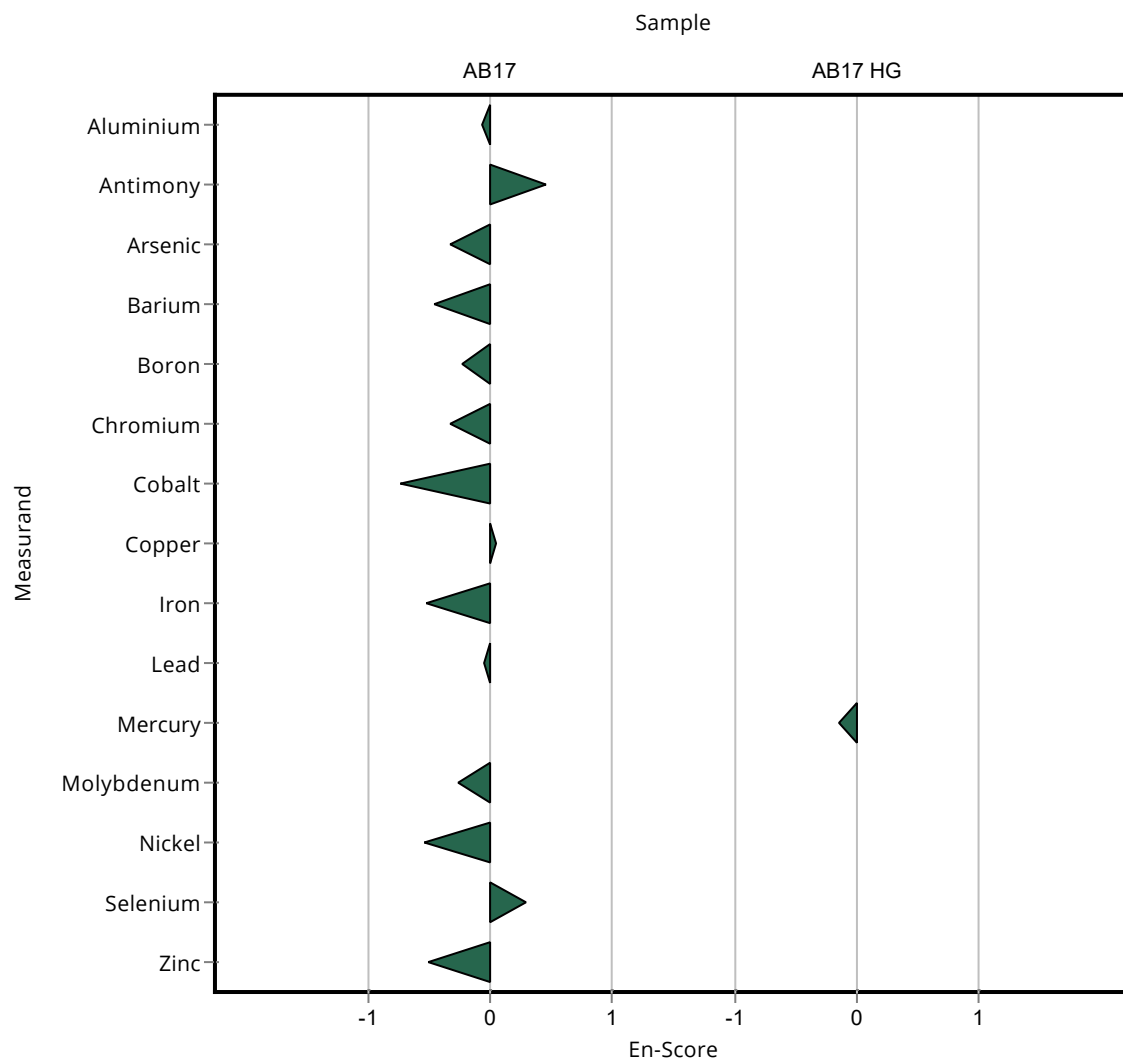
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.462 $\pm$ 0.132	0.148	98.9	-0.06
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.016 $\pm$ 0.0013	0.00148	108	0.46
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0063 $\pm$ 0.0007	0.000947	93.1	-0.32
Barium	mg/l	0.118 $\pm$ 0.0051	0.107 $\pm$ 0.012	0.0142	90.4	-0.46
Boron	mg/l	0.427 $\pm$ 0.0165	0.396 $\pm$ 0.067	0.0427	92.8	-0.23
Cadmium	mg/l	- $\pm$ -	<0.01 (LOQ) $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.323 $\pm$ 0.052	0.0356	90.6	-0.32
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.017 $\pm$ 0.0015	0.00251	88	-0.73
Copper	mg/l	0.383 $\pm$ 0.0107	0.389 $\pm$ 0.058	0.0383	102	0.05
Iron	mg/l	0.0639 $\pm$ 0.00415	0.056 $\pm$ 0.0073	0.0109	87.6	-0.52
Lead	mg/l	0.0172 $\pm$ 0.000835	0.017 $\pm$ 0.0027	0.00207	98.6	-0.05
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.285 $\pm$ 0.054	0.0314	90.8	-0.27
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.007 $\pm$ 0.0011	0.000984	85.4	-0.53
Selenium	mg/l	0.018 $\pm$ 0.000822	0.019 $\pm$ 0.0017	0.00198	106	0.30
Silver	mg/l	0.00183 $\pm$ 0.000245	0.01 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	<0.01 (LOQ) $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.01 (LOQ) $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.018 $\pm$ 0.0023	0.00306	88.2	-0.51

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00012 $\pm$ 0.00002	0.000038	95	-0.15

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0005

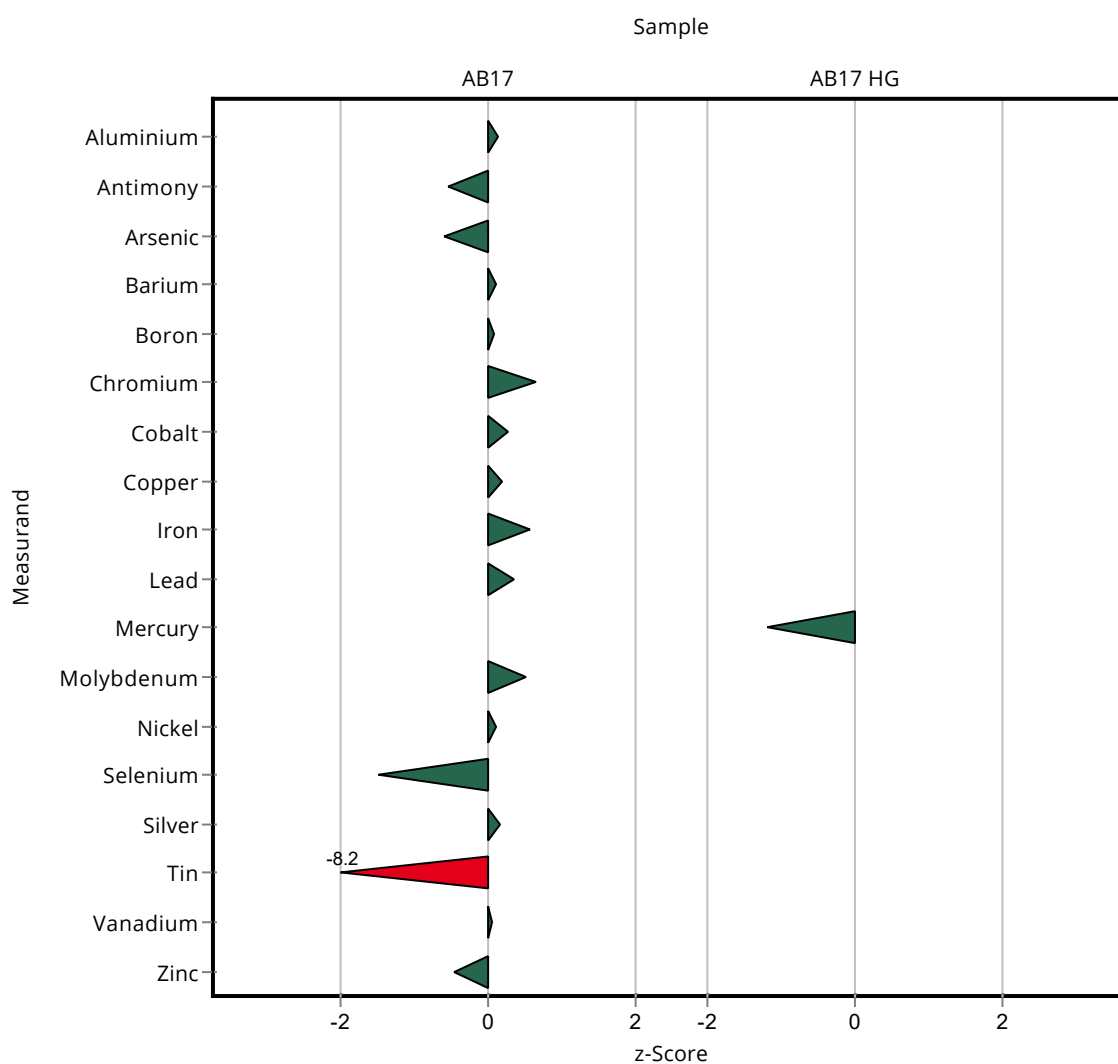


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.5 $\pm$ 0.15	0.148	101	0.15
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.014 $\pm$ 0.0014	0.00148	94.6	-0.54
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0062 $\pm$ 0.00062	0.000947	91.6	-0.60
Barium	mg/l	0.118 $\pm$ 0.0051	0.12 $\pm$ 0.012	0.0142	101	0.11
Boron	mg/l	0.427 $\pm$ 0.0165	0.43 $\pm$ 0.086	0.0427	101	0.08
Cadmium	mg/l	- $\pm$ -	0.00017 $\pm$ 0.000017	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.38 $\pm$ 0.038	0.0356	107	0.66
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.02 $\pm$ 0.004	0.00251	104	0.27
Copper	mg/l	0.383 $\pm$ 0.0107	0.39 $\pm$ 0.039	0.0383	102	0.18
Iron	mg/l	0.0639 $\pm$ 0.00415	0.07 $\pm$ 0.007	0.0109	110	0.56
Lead	mg/l	0.0172 $\pm$ 0.000835	0.018 $\pm$ 0.0018	0.00207	104	0.36
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.33 $\pm$ 0.066	0.0314	105	0.51
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0083 $\pm$ 0.00083	0.000984	101	0.10
Selenium	mg/l	0.018 $\pm$ 0.000822	0.015 $\pm$ 0.0015	0.00198	83.5	-1.50
Silver	mg/l	0.00183 $\pm$ 0.000245	0.0019 $\pm$ 0.00019	0.000493	104	0.15
Tin	mg/l	0.019 $\pm$ 0.0011	0.0018 $\pm$ 0.00036	0.00209	9.46	-8.23
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.0047 $\pm$ 0.00094	0.0007	101	0.05
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.019 $\pm$ 0.0019	0.00306	93.1	-0.46

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	8.1E-5 $\pm$ 0.00002	0.000038	64.1	-1.20



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

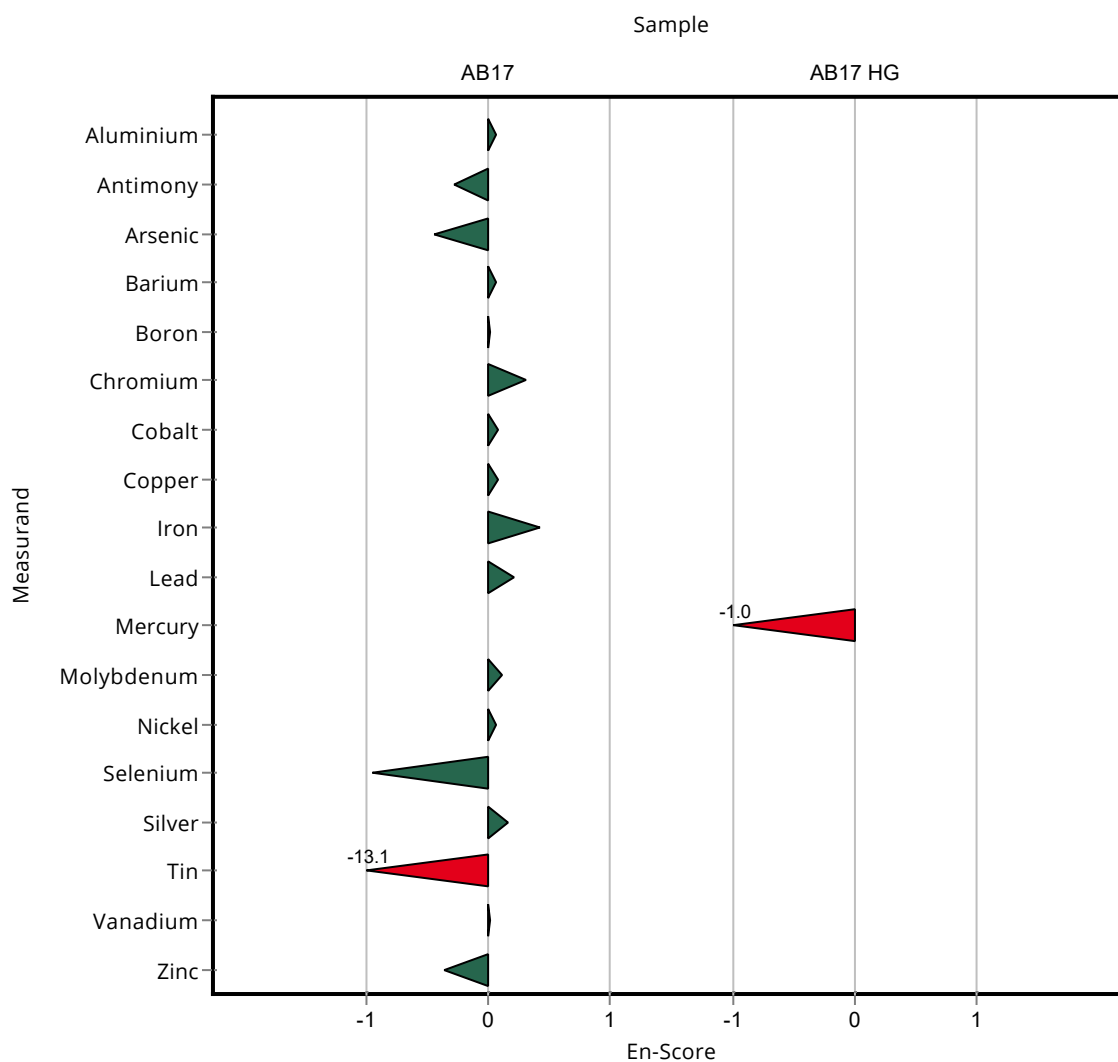
Labcode: LC0006

Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.5 $\pm$ 0.15	0.148	101	0.07
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.014 $\pm$ 0.0014	0.00148	94.6	-0.28
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0062 $\pm$ 0.00062	0.000947	91.6	-0.44
Barium	mg/l	0.118 $\pm$ 0.0051	0.12 $\pm$ 0.012	0.0142	101	0.07
Boron	mg/l	0.427 $\pm$ 0.0165	0.43 $\pm$ 0.086	0.0427	101	0.02
Cadmium	mg/l	- $\pm$ -	0.00017 $\pm$ 0.000017	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.38 $\pm$ 0.038	0.0356	107	0.31
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.02 $\pm$ 0.004	0.00251	104	0.09
Copper	mg/l	0.383 $\pm$ 0.0107	0.39 $\pm$ 0.039	0.0383	102	0.09
Iron	mg/l	0.0639 $\pm$ 0.00415	0.07 $\pm$ 0.007	0.0109	110	0.42
Lead	mg/l	0.0172 $\pm$ 0.000835	0.018 $\pm$ 0.0018	0.00207	104	0.20
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.33 $\pm$ 0.066	0.0314	105	0.12
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0083 $\pm$ 0.00083	0.000984	101	0.06
Selenium	mg/l	0.018 $\pm$ 0.000822	0.015 $\pm$ 0.0015	0.00198	83.5	-0.95
Silver	mg/l	0.00183 $\pm$ 0.000245	0.0019 $\pm$ 0.00019	0.000493	104	0.16
Tin	mg/l	0.019 $\pm$ 0.0011	0.0018 $\pm$ 0.00036	0.00209	9.46	-13.11
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.0047 $\pm$ 0.00094	0.0007	101	0.02
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.019 $\pm$ 0.0019	0.00306	93.1	-0.36

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	8.1E-5 $\pm$ 0.00002	0.000038	64.1	-1.04

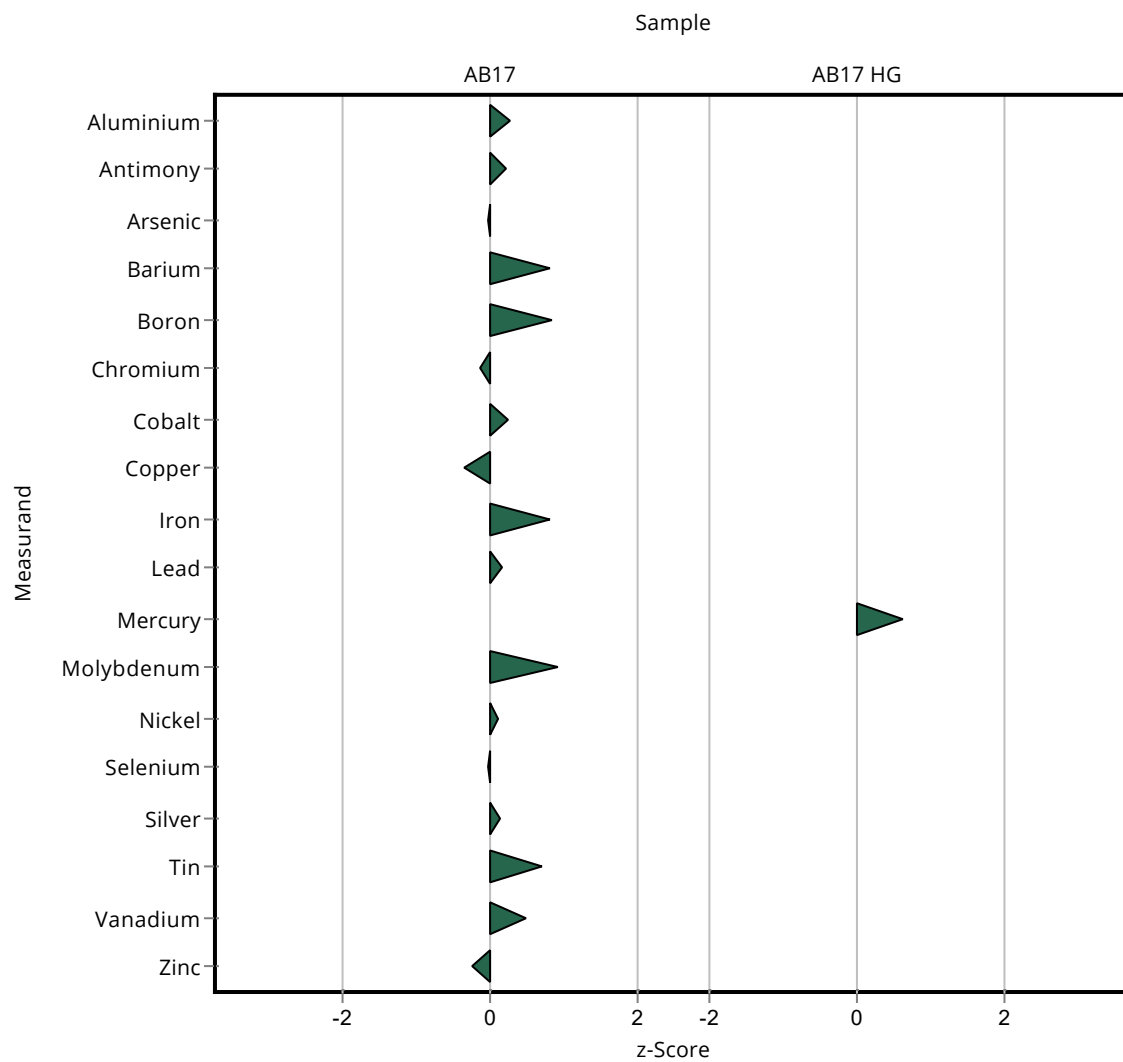


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.52 $\pm$ 0.15	0.148	103	0.28
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0151 $\pm$ 0.0015	0.00148	102	0.21
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00675 $\pm$ 0.001	0.000947	99.7	-0.02
Barium	mg/l	0.118 $\pm$ 0.0051	0.13 $\pm$ 0.013	0.0142	110	0.82
Boron	mg/l	0.427 $\pm$ 0.0165	0.463 $\pm$ 0.046	0.0427	109	0.85
Cadmium	mg/l	- $\pm$ -	0.00016 $\pm$ 0.00002	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.352 $\pm$ 0.035	0.0356	98.8	-0.12
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0199 $\pm$ 0.002	0.00251	103	0.23
Copper	mg/l	0.383 $\pm$ 0.0107	0.369 $\pm$ 0.037	0.0383	96.3	-0.37
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0729 $\pm$ 0.0073	0.0109	114	0.83
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0176 $\pm$ 0.0018	0.00207	102	0.17
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.343 $\pm$ 0.034	0.0314	109	0.93
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0083 $\pm$ 0.0008	0.000984	101	0.10
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0179 $\pm$ 0.0027	0.00198	99.7	-0.03
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00189 $\pm$ 0.00019	0.000493	104	0.13
Tin	mg/l	0.019 $\pm$ 0.0011	0.0205 $\pm$ 0.0021	0.00209	108	0.70
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.005 $\pm$ 0.0005	0.0007	107	0.48
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0197 $\pm$ 0.002	0.00306	96.5	-0.23

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00015 $\pm$ 0.00002	0.000038	119	0.62



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0007

Sample: AB17

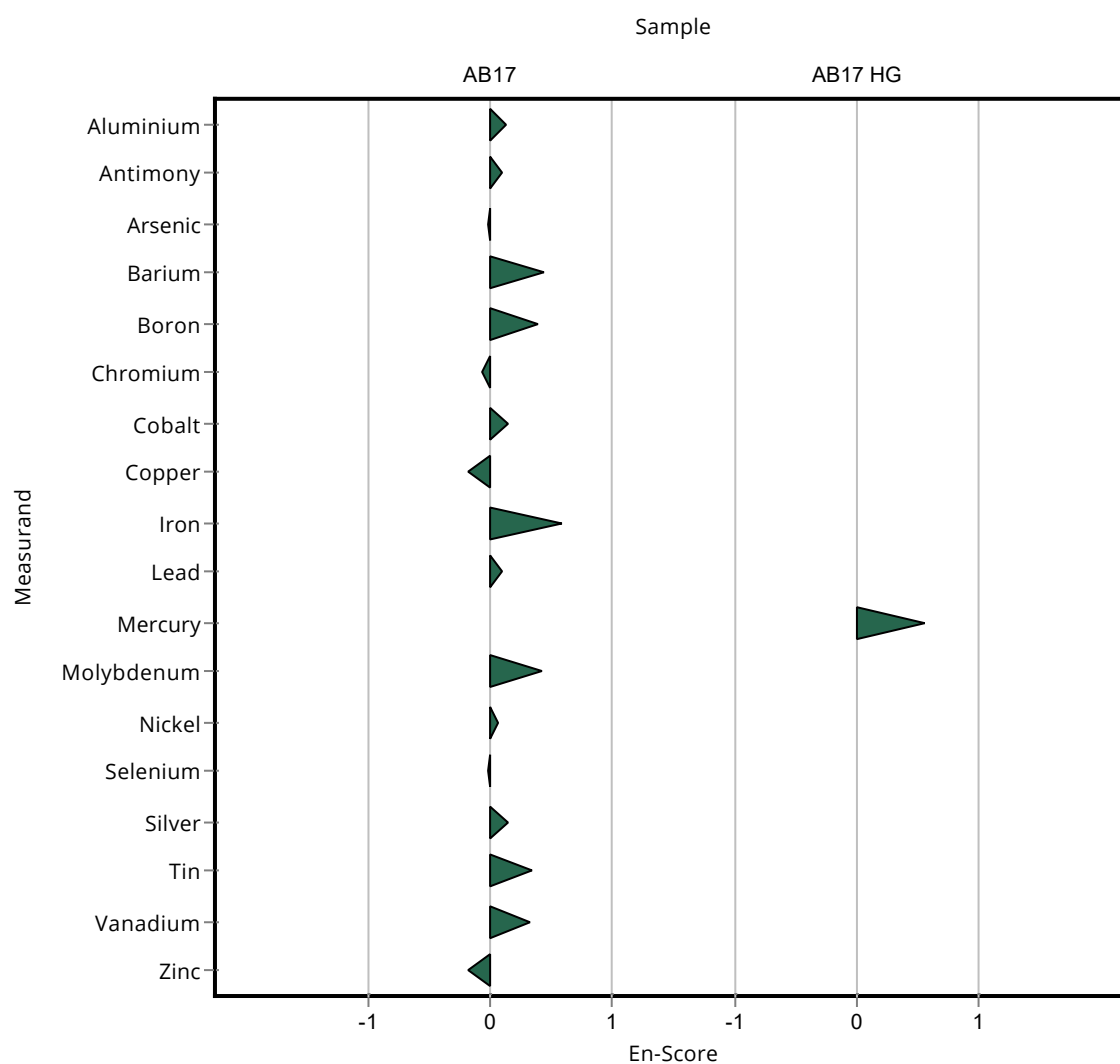
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.52 $\pm$ 0.15	0.148	103	0.14
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0151 $\pm$ 0.0015	0.00148	102	0.10
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00675 $\pm$ 0.001	0.000947	99.7	-0.01
Barium	mg/l	0.118 $\pm$ 0.0051	0.13 $\pm$ 0.013	0.0142	110	0.44
Boron	mg/l	0.427 $\pm$ 0.0165	0.463 $\pm$ 0.046	0.0427	109	0.39
Cadmium	mg/l	- $\pm$ -	0.00016 $\pm$ 0.00002	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.352 $\pm$ 0.035	0.0356	98.8	-0.06
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0199 $\pm$ 0.002	0.00251	103	0.14
Copper	mg/l	0.383 $\pm$ 0.0107	0.369 $\pm$ 0.037	0.0383	96.3	-0.19
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0729 $\pm$ 0.0073	0.0109	114	0.59
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0176 $\pm$ 0.0018	0.00207	102	0.10
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.343 $\pm$ 0.034	0.0314	109	0.42
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0083 $\pm$ 0.0008	0.000984	101	0.06
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0179 $\pm$ 0.0027	0.00198	99.7	-0.01
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00189 $\pm$ 0.00019	0.000493	104	0.14
Tin	mg/l	0.019 $\pm$ 0.0011	0.0205 $\pm$ 0.0021	0.00209	108	0.34
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.005 $\pm$ 0.0005	0.0007	107	0.32
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0197 $\pm$ 0.002	0.00306	96.5	-0.17

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00015 $\pm$ 0.00002	0.000038	119	0.55

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0007

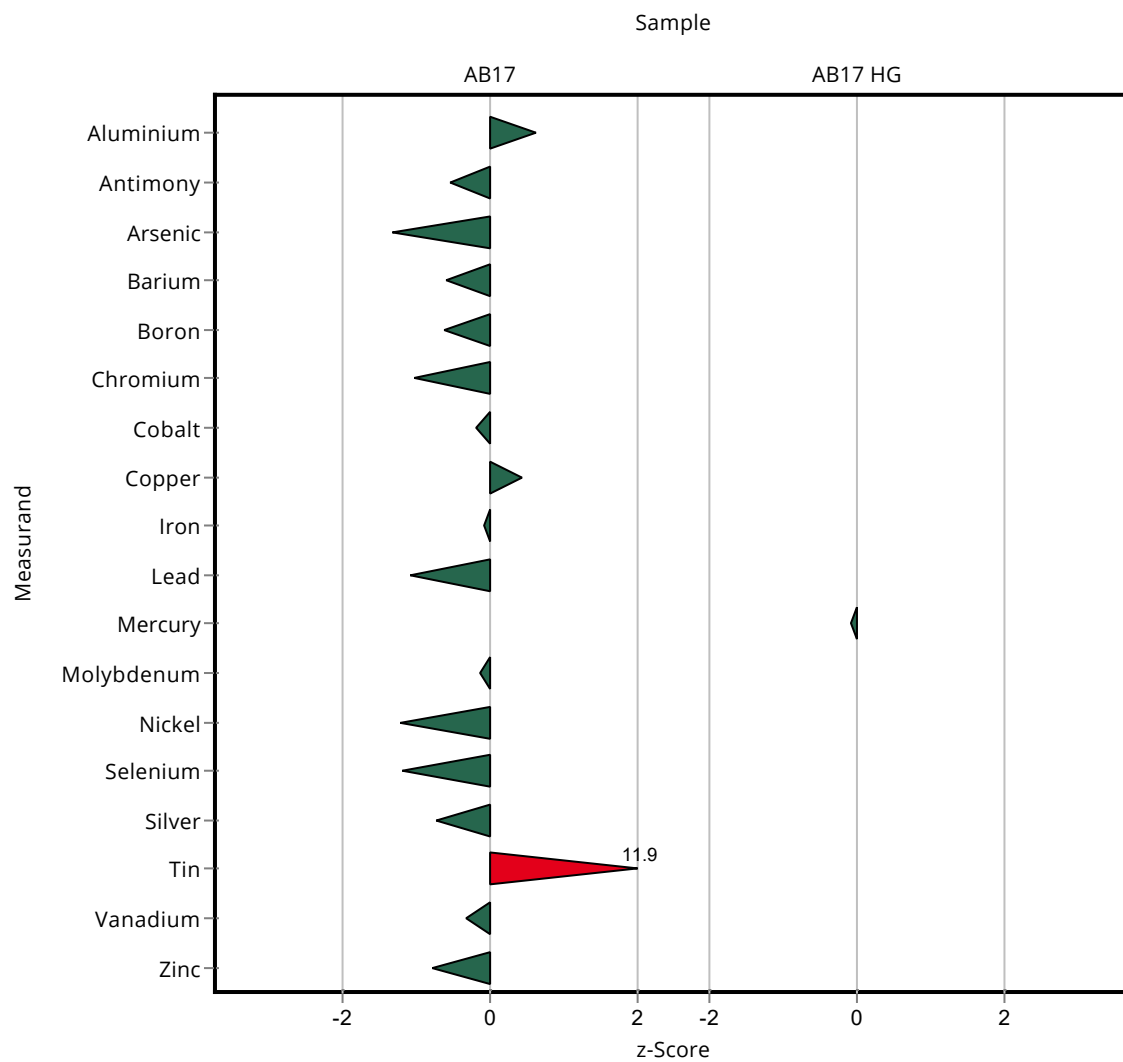


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.57 $\pm$ 0.14	0.148	106	0.62
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.014 $\pm$ 0.0011	0.00148	94.6	-0.54
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0055 $\pm$ 0.00042	0.000947	81.3	-1.34
Barium	mg/l	0.118 $\pm$ 0.0051	0.11 $\pm$ 0.0099	0.0142	92.9	-0.59
Boron	mg/l	0.427 $\pm$ 0.0165	0.4 $\pm$ 0.04	0.0427	93.8	-0.62
Cadmium	mg/l	- $\pm$ -	0.00034 $\pm$ 0.000064	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.32 $\pm$ 0.045	0.0356	89.8	-1.02
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0188 $\pm$ 0.0018	0.00251	97.4	-0.20
Copper	mg/l	0.383 $\pm$ 0.0107	0.4 $\pm$ 0.076	0.0383	104	0.44
Iron	mg/l	0.0639 $\pm$ 0.00415	0.063 $\pm$ 0.0057	0.0109	98.6	-0.08
Lead	mg/l	0.0172 $\pm$ 0.000835	0.015 $\pm$ 0.0014	0.00207	87	-1.09
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.31 $\pm$ 0.032	0.0314	98.7	-0.13
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.007 $\pm$ 0.00063	0.000984	85.4	-1.22
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0156 $\pm$ 0.002	0.00198	86.8	-1.20
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00147 $\pm$ 0.00017	0.000493	80.5	-0.72
Tin	mg/l	0.019 $\pm$ 0.0011	0.044 $\pm$ 0.004	0.00209	231	11.93
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00444 $\pm$ 0.00048	0.0007	95.2	-0.32
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.018 $\pm$ 0.0011	0.00306	88.2	-0.79

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000123 $\pm$ 0.000014	0.000038	97.3	-0.09



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0008

Sample: AB17

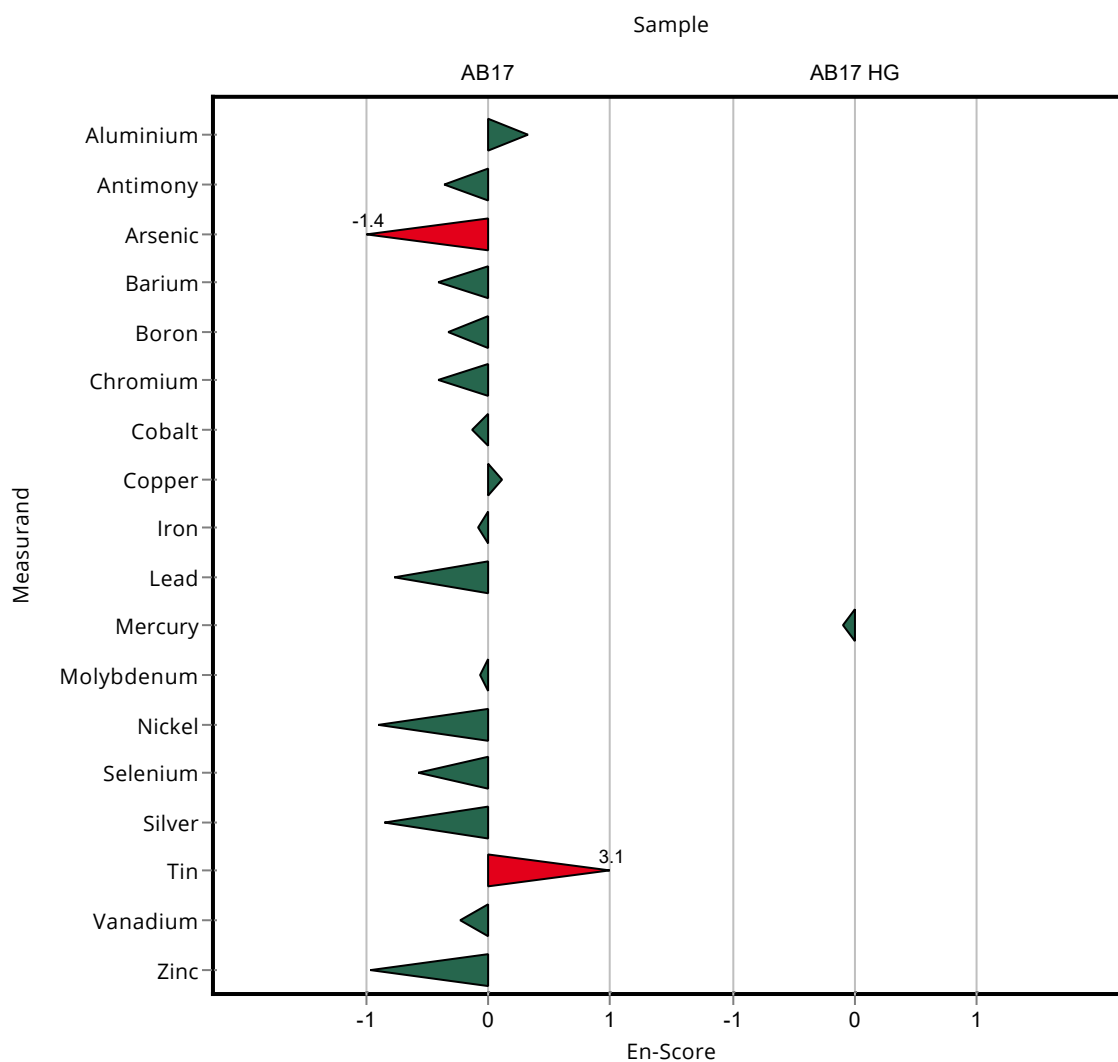
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.57 $\pm$ 0.14	0.148	106	0.32
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.014 $\pm$ 0.0011	0.00148	94.6	-0.35
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0055 $\pm$ 0.00042	0.000947	81.3	-1.37
Barium	mg/l	0.118 $\pm$ 0.0051	0.11 $\pm$ 0.0099	0.0142	92.9	-0.41
Boron	mg/l	0.427 $\pm$ 0.0165	0.4 $\pm$ 0.04	0.0427	93.8	-0.33
Cadmium	mg/l	- $\pm$ -	0.00034 $\pm$ 0.000064	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.32 $\pm$ 0.045	0.0356	89.8	-0.40
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0188 $\pm$ 0.0018	0.00251	97.4	-0.14
Copper	mg/l	0.383 $\pm$ 0.0107	0.4 $\pm$ 0.076	0.0383	104	0.11
Iron	mg/l	0.0639 $\pm$ 0.00415	0.063 $\pm$ 0.0057	0.0109	98.6	-0.07
Lead	mg/l	0.0172 $\pm$ 0.000835	0.015 $\pm$ 0.0014	0.00207	87	-0.77
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.31 $\pm$ 0.032	0.0314	98.7	-0.06
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.007 $\pm$ 0.00063	0.000984	85.4	-0.90
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0156 $\pm$ 0.002	0.00198	86.8	-0.58
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00147 $\pm$ 0.00017	0.000493	80.5	-0.85
Tin	mg/l	0.019 $\pm$ 0.0011	0.044 $\pm$ 0.004	0.00209	231	3.09
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00444 $\pm$ 0.00048	0.0007	95.2	-0.22
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.018 $\pm$ 0.0011	0.00306	88.2	-0.97

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000123 $\pm$ 0.000014	0.000038	97.3	-0.10

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0008

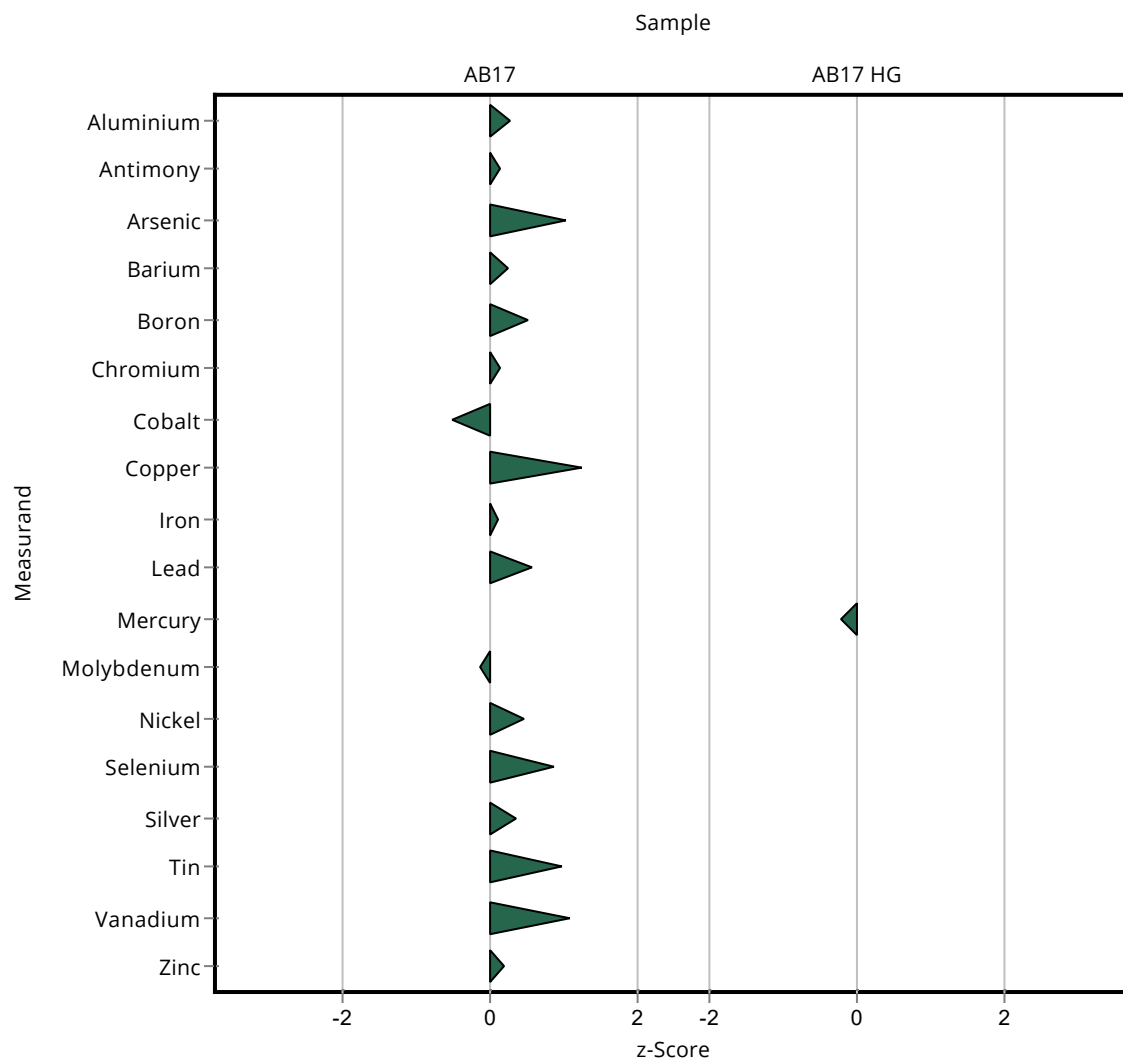


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.52 $\pm$ 0.15	0.148	103	0.28
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.015 $\pm$ 0.003	0.00148	101	0.14
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00774 $\pm$ 0.00155	0.000947	114	1.03
Barium	mg/l	0.118 $\pm$ 0.0051	0.122 $\pm$ 0.024	0.0142	103	0.25
Boron	mg/l	0.427 $\pm$ 0.0165	0.449 $\pm$ 0.09	0.0427	105	0.53
Cadmium	mg/l	- $\pm$ -	<0.001 (LOQ) $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.361 $\pm$ 0.036	0.0356	101	0.13
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.018 $\pm$ 0.002	0.00251	93.2	-0.52
Copper	mg/l	0.383 $\pm$ 0.0107	0.431 $\pm$ 0.043	0.0383	113	1.25
Iron	mg/l	0.0639 $\pm$ 0.00415	0.065 $\pm$ 0.0065	0.0109	102	0.10
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0184 $\pm$ 0.0037	0.00207	107	0.56
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.31 $\pm$ 0.031	0.0314	98.7	-0.13
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00864 $\pm$ 0.00173	0.000984	105	0.45
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0197 $\pm$ 0.0039	0.00198	110	0.88
Silver	mg/l	0.00183 $\pm$ 0.000245	0.002 $\pm$ 0.0004	0.000493	110	0.35
Tin	mg/l	0.019 $\pm$ 0.0011	0.0211 $\pm$ 0.0042	0.00209	111	0.99
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00542 $\pm$ 0.00108	0.0007	116	1.08
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.021 $\pm$ 0.0021	0.00306	103	0.19

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000118 $\pm$ 0.000024	0.000038	93.4	-0.22



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0009

Sample: AB17

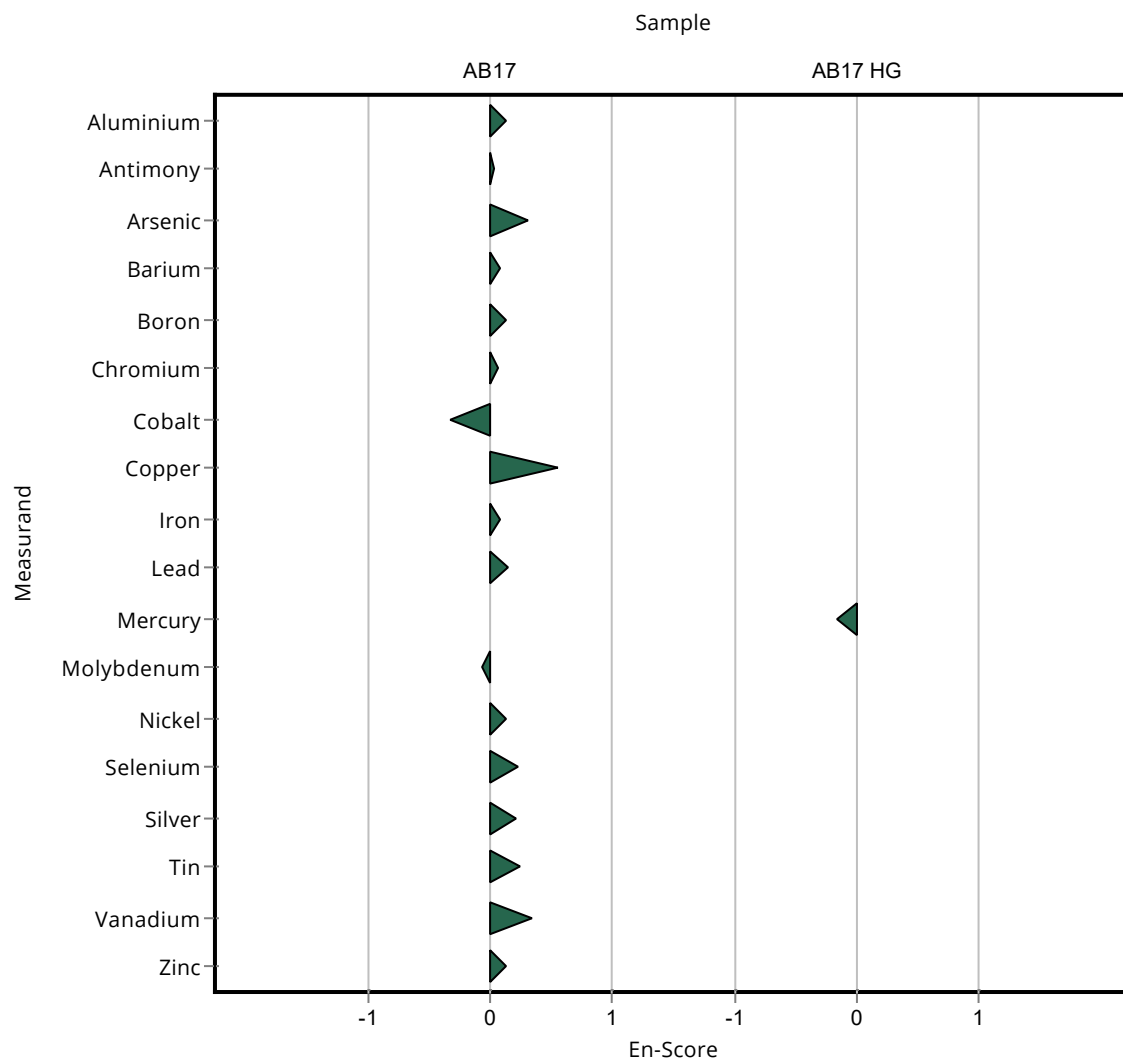
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.52 $\pm$ 0.15	0.148	103	0.14
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.015 $\pm$ 0.003	0.00148	101	0.03
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00774 $\pm$ 0.00155	0.000947	114	0.31
Barium	mg/l	0.118 $\pm$ 0.0051	0.122 $\pm$ 0.024	0.0142	103	0.07
Boron	mg/l	0.427 $\pm$ 0.0165	0.449 $\pm$ 0.09	0.0427	105	0.12
Cadmium	mg/l	- $\pm$ -	<0.001 (LOQ) $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.361 $\pm$ 0.036	0.0356	101	0.06
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.018 $\pm$ 0.002	0.00251	93.2	-0.32
Copper	mg/l	0.383 $\pm$ 0.0107	0.431 $\pm$ 0.043	0.0383	113	0.55
Iron	mg/l	0.0639 $\pm$ 0.00415	0.065 $\pm$ 0.0065	0.0109	102	0.08
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0184 $\pm$ 0.0037	0.00207	107	0.15
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.31 $\pm$ 0.031	0.0314	98.7	-0.06
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00864 $\pm$ 0.00173	0.000984	105	0.13
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0197 $\pm$ 0.0039	0.00198	110	0.22
Silver	mg/l	0.00183 $\pm$ 0.000245	0.002 $\pm$ 0.0004	0.000493	110	0.21
Tin	mg/l	0.019 $\pm$ 0.0011	0.0211 $\pm$ 0.0042	0.00209	111	0.24
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00542 $\pm$ 0.00108	0.0007	116	0.35
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.021 $\pm$ 0.0021	0.00306	103	0.13

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000118 $\pm$ 0.000024	0.000038	93.4	-0.17

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0009

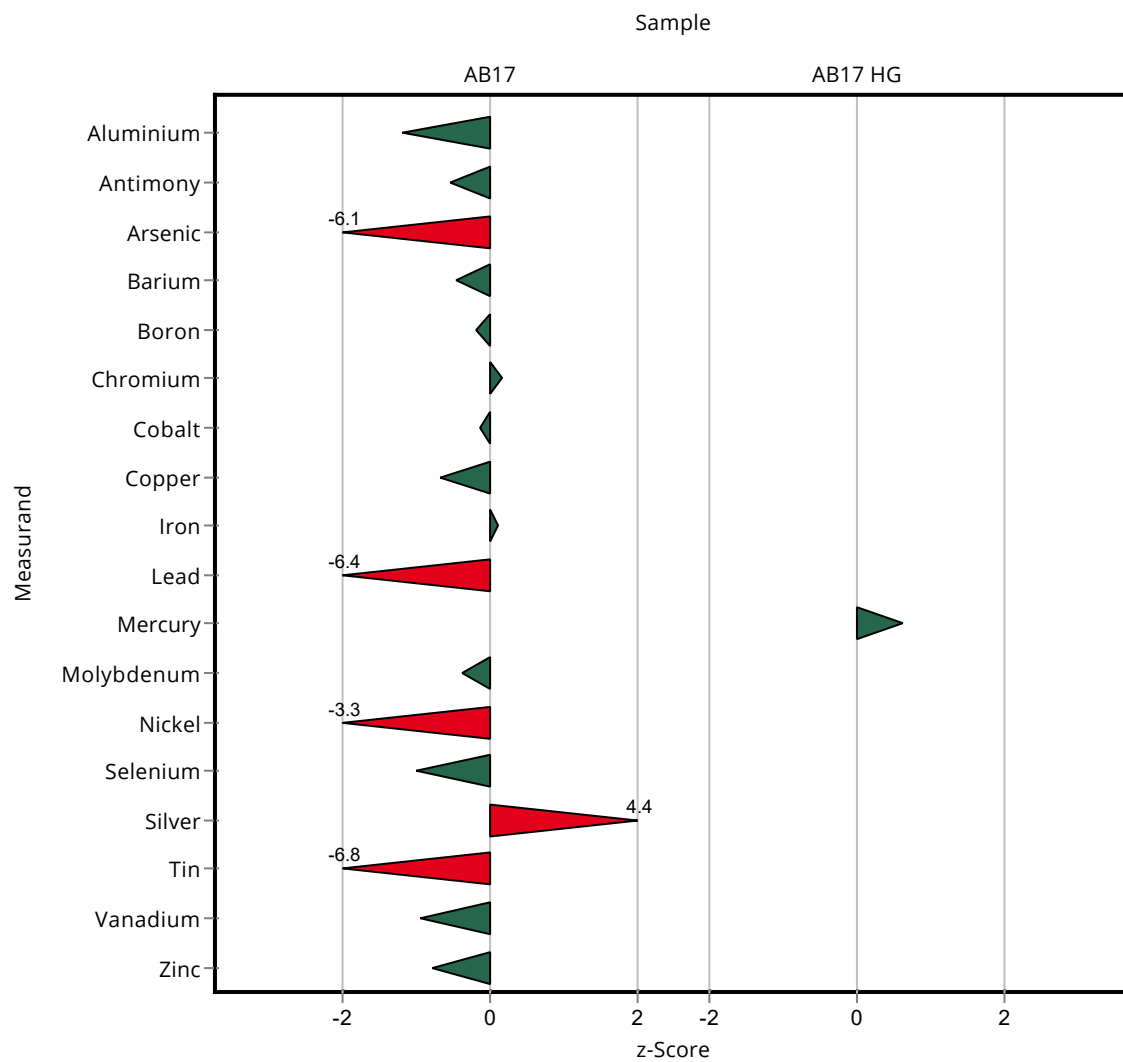


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.301 $\pm$ 0.040278	0.148	88	-1.20
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.014 $\pm$ 0.001789	0.00148	94.6	-0.54
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.001 $\pm$ 0.000577	0.000947	14.8	-6.09
Barium	mg/l	0.118 $\pm$ 0.0051	0.112 $\pm$ 0.000767	0.0142	94.6	-0.45
Boron	mg/l	0.427 $\pm$ 0.0165	0.419 $\pm$ 0.004138	0.0427	98.2	-0.18
Cadmium	mg/l	- $\pm$ -	0.001 $\pm$ 0.000236	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.362 $\pm$ 0.006386	0.0356	102	0.16
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.019 $\pm$ 0.000471	0.00251	98.4	-0.12
Copper	mg/l	0.383 $\pm$ 0.0107	0.357 $\pm$ 0.004256	0.0383	93.2	-0.68
Iron	mg/l	0.0639 $\pm$ 0.00415	0.065 $\pm$ 0.000882	0.0109	102	0.10
Lead	mg/l	0.0172 $\pm$ 0.000835	0.004 $\pm$ 0.000882	0.00207	23.2	-6.40
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.302 $\pm$ 0.00312	0.0314	96.2	-0.38
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.005 $\pm$ 0.000333	0.000984	61	-3.25
Selenium	mg/l	0.018 $\pm$ 0.000822	0.016 $\pm$ 0.004055	0.00198	89.1	-0.99
Silver	mg/l	0.00183 $\pm$ 0.000245	0.004 $\pm$ 0.000235	0.000493	219	4.41
Tin	mg/l	0.019 $\pm$ 0.0011	0.0047 $\pm$ 0.00024	0.00209	24.7	-6.85
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.004 $\pm$ 0.000236	0.0007	85.7	-0.95
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.018 $\pm$ 0.000333	0.00306	88.2	-0.79

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00015 $\pm$ 0.000000	0.000038	119	0.62



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0010

Sample: AB17

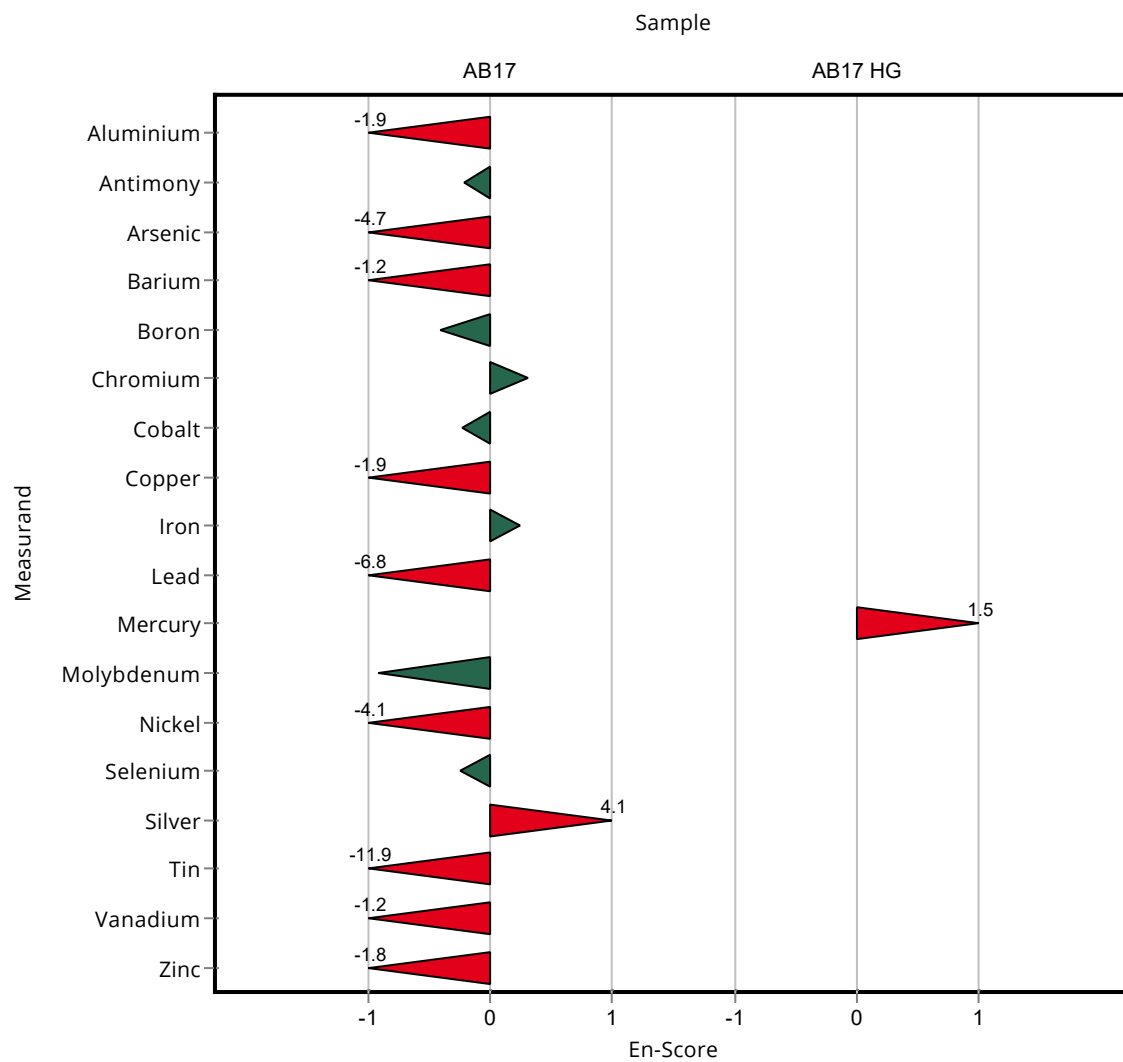
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.301 $\pm$ 0.040278	0.148	88	-1.94
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.014 $\pm$ 0.001789	0.00148	94.6	-0.22
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.001 $\pm$ 0.000577	0.000947	14.8	-4.74
Barium	mg/l	0.118 $\pm$ 0.0051	0.112 $\pm$ 0.000767	0.0142	94.6	-1.20
Boron	mg/l	0.427 $\pm$ 0.0165	0.419 $\pm$ 0.004138	0.0427	98.2	-0.41
Cadmium	mg/l	- $\pm$ -	0.001 $\pm$ 0.000236	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.362 $\pm$ 0.006386	0.0356	102	0.31
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.019 $\pm$ 0.000471	0.00251	98.4	-0.23
Copper	mg/l	0.383 $\pm$ 0.0107	0.357 $\pm$ 0.004256	0.0383	93.2	-1.91
Iron	mg/l	0.0639 $\pm$ 0.00415	0.065 $\pm$ 0.000882	0.0109	102	0.24
Lead	mg/l	0.0172 $\pm$ 0.000835	0.004 $\pm$ 0.000882	0.00207	23.2	-6.79
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.302 $\pm$ 0.00312	0.0314	96.2	-0.92
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.005 $\pm$ 0.000333	0.000984	61	-4.07
Selenium	mg/l	0.018 $\pm$ 0.000822	0.016 $\pm$ 0.004055	0.00198	89.1	-0.24
Silver	mg/l	0.00183 $\pm$ 0.000245	0.004 $\pm$ 0.000235	0.000493	219	4.10
Tin	mg/l	0.019 $\pm$ 0.0011	0.0047 $\pm$ 0.00024	0.00209	24.7	-11.94
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.004 $\pm$ 0.000236	0.0007	85.7	-1.16
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.018 $\pm$ 0.000333	0.00306	88.2	-1.79

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00015 $\pm$ 0.000000	0.000038	119	1.51

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0010

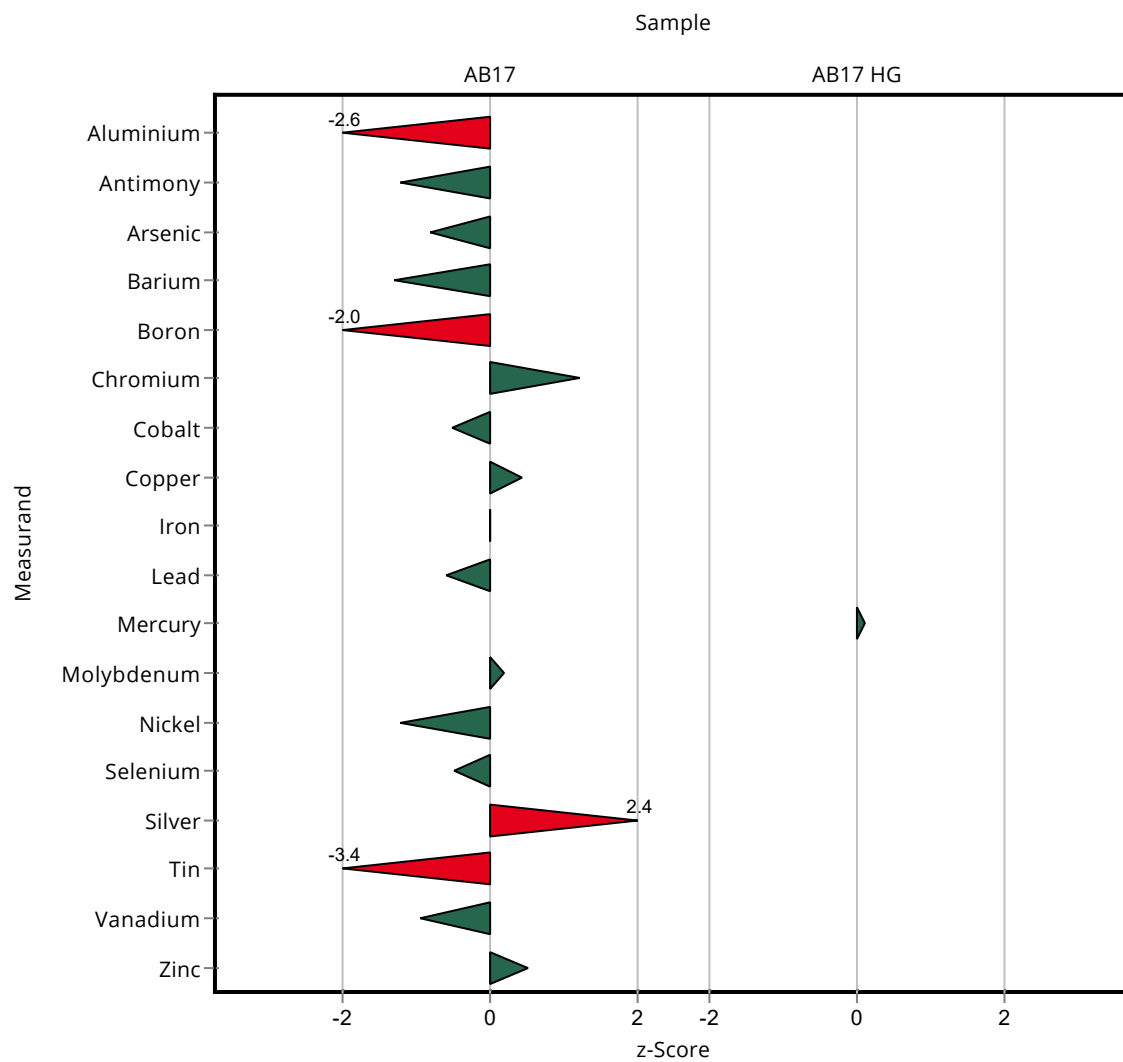


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.09 $\pm$ 0.032	0.148	73.7	-2.63
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.013 $\pm$ 0.00081	0.00148	87.9	-1.21
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.006 $\pm$ 0.0012	0.000947	88.7	-0.81
Barium	mg/l	0.118 $\pm$ 0.0051	0.1 $\pm$ 0.0051	0.0142	84.5	-1.29
Boron	mg/l	0.427 $\pm$ 0.0165	0.34 $\pm$ 0.021	0.0427	79.7	-2.03
Cadmium	mg/l	- $\pm$ -	0.00013 $\pm$ 0.000031	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.4 $\pm$ 0.01	0.0356	112	1.22
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.018 $\pm$ 0.00082	0.00251	93.2	-0.52
Copper	mg/l	0.383 $\pm$ 0.0107	0.4 $\pm$ 0.012	0.0383	104	0.44
Iron	mg/l	0.0639 $\pm$ 0.00415	0.064 $\pm$ 0.0027	0.0109	100	0.01
Lead	mg/l	0.0172 $\pm$ 0.000835	0.016 $\pm$ 0.00061	0.00207	92.8	-0.60
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.32 $\pm$ 0.01	0.0314	102	0.19
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.007 $\pm$ 0.00019	0.000984	85.4	-1.22
Selenium	mg/l	0.018 $\pm$ 0.000822	0.017 $\pm$ 0.00095	0.00198	94.6	-0.49
Silver	mg/l	0.00183 $\pm$ 0.000245	0.003 $\pm$ 0.000015	0.000493	164	2.38
Tin	mg/l	0.019 $\pm$ 0.0011	0.012 $\pm$ 0.00074	0.00209	63.1	-3.36
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.004 $\pm$ 0.00019	0.0007	85.7	-0.95
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.022 $\pm$ 0.00047	0.00306	108	0.52

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00013 $\pm$ 0.000058	0.000038	103	0.10



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0011

Sample: AB17

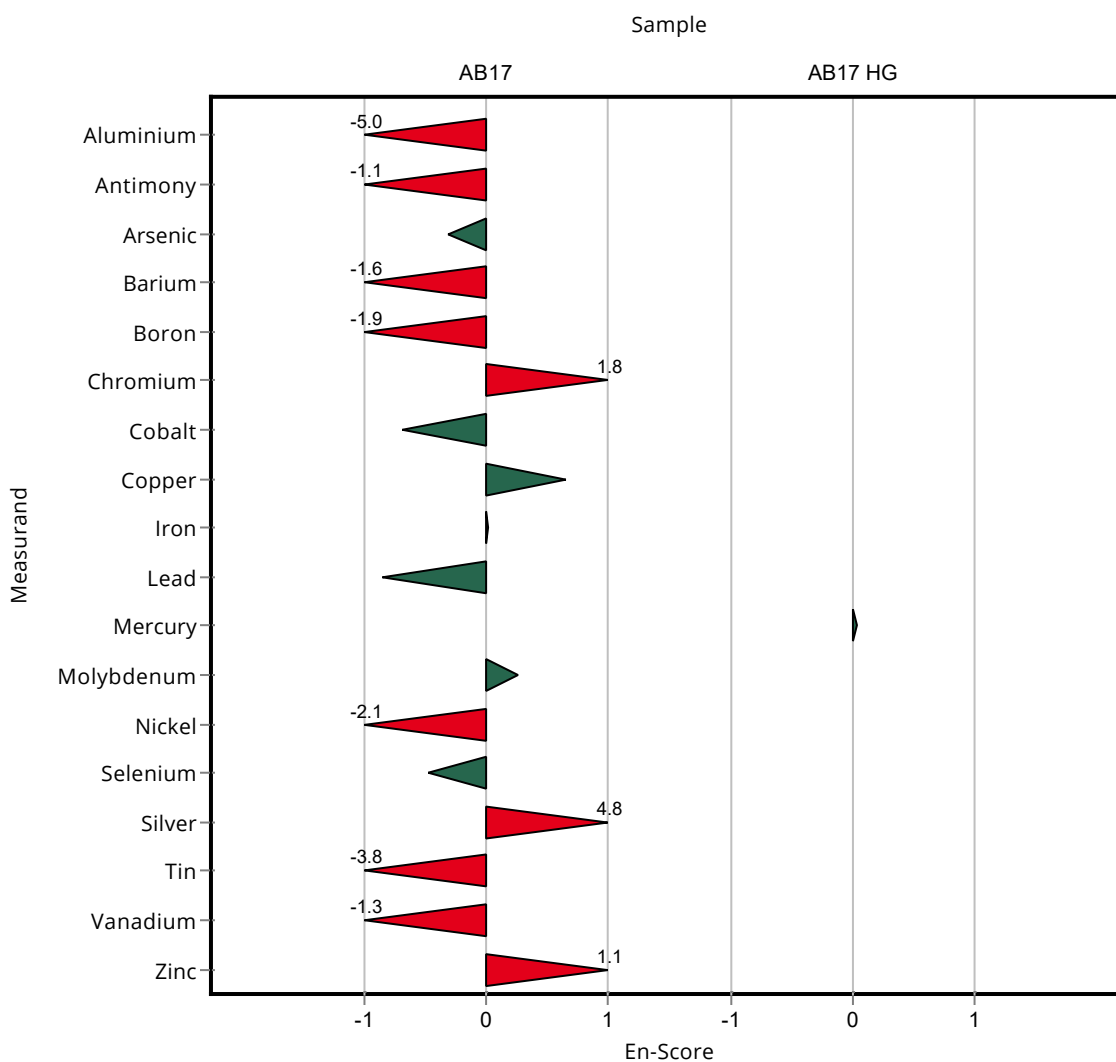
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.09 $\pm$ 0.032	0.148	73.7	-5.05
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.013 $\pm$ 0.00081	0.00148	87.9	-1.06
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.006 $\pm$ 0.0012	0.000947	88.7	-0.32
Barium	mg/l	0.118 $\pm$ 0.0051	0.1 $\pm$ 0.0051	0.0142	84.5	-1.61
Boron	mg/l	0.427 $\pm$ 0.0165	0.34 $\pm$ 0.021	0.0427	79.7	-1.92
Cadmium	mg/l	- $\pm$ -	0.00013 $\pm$ 0.000031	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.4 $\pm$ 0.01	0.0356	112	1.85
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.018 $\pm$ 0.00082	0.00251	93.2	-0.69
Copper	mg/l	0.383 $\pm$ 0.0107	0.4 $\pm$ 0.012	0.0383	104	0.65
Iron	mg/l	0.0639 $\pm$ 0.00415	0.064 $\pm$ 0.0027	0.0109	100	0.02
Lead	mg/l	0.0172 $\pm$ 0.000835	0.016 $\pm$ 0.00061	0.00207	92.8	-0.84
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.32 $\pm$ 0.01	0.0314	102	0.26
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.007 $\pm$ 0.00019	0.000984	85.4	-2.13
Selenium	mg/l	0.018 $\pm$ 0.000822	0.017 $\pm$ 0.00095	0.00198	94.6	-0.47
Silver	mg/l	0.00183 $\pm$ 0.000245	0.003 $\pm$ 0.000015	0.000493	164	4.75
Tin	mg/l	0.019 $\pm$ 0.0011	0.012 $\pm$ 0.00074	0.00209	63.1	-3.81
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.004 $\pm$ 0.00019	0.0007	85.7	-1.33
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.022 $\pm$ 0.00047	0.00306	108	1.05

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00013 $\pm$ 0.000058	0.000038	103	0.03

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0011

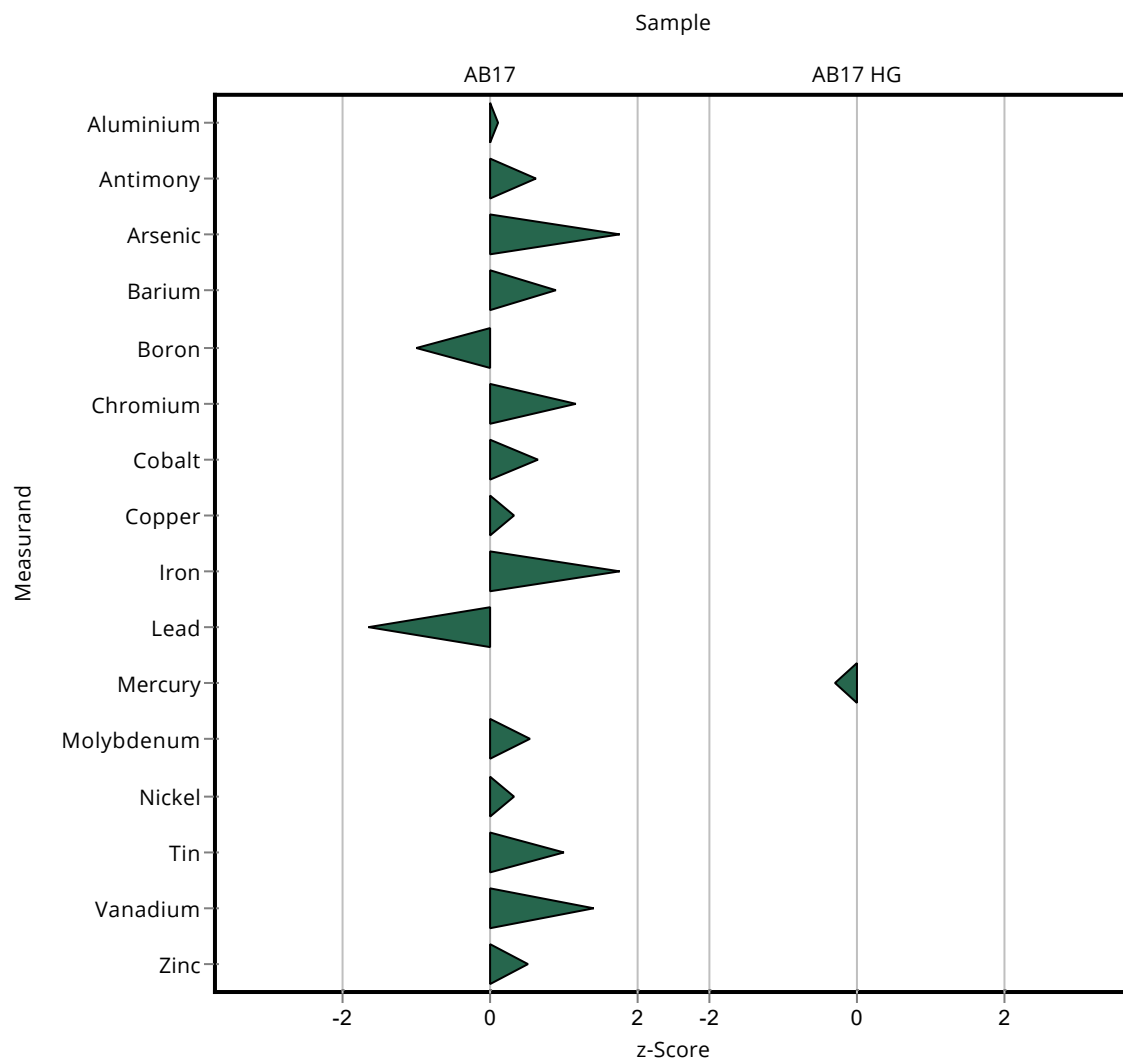


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.49576 $\pm$ 0.299152	0.148	101	0.12
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.015707 $\pm$ 0.003141	0.00148	106	0.62
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.008431 $\pm$ 0.001686	0.000947	125	1.76
Barium	mg/l	0.118 $\pm$ 0.0051	0.13131 $\pm$ 0.026262	0.0142	111	0.91
Boron	mg/l	0.427 $\pm$ 0.0165	0.384228 $\pm$ 0.076846	0.0427	90.1	-0.99
Cadmium	mg/l	- $\pm$ -	0.000682 $\pm$ 0.000136	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.39764 $\pm$ 0.079528	0.0356	112	1.16
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.020964 $\pm$ 0.004193	0.00251	109	0.66
Copper	mg/l	0.383 $\pm$ 0.0107	0.39551 $\pm$ 0.079102	0.0383	103	0.33
Iron	mg/l	0.0639 $\pm$ 0.00415	0.082953 $\pm$ 0.016591	0.0109	130	1.75
Lead	mg/l	0.0172 $\pm$ 0.000835	0.013832 $\pm$ 0.002766	0.00207	80.2	-1.65
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.33102 $\pm$ 0.066204	0.0314	105	0.54
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.008527 $\pm$ 0.001705	0.000984	104	0.34
Selenium	mg/l	0.018 $\pm$ 0.000822	- $\pm$ -	0.00198	-	-
Silver	mg/l	0.00183 $\pm$ 0.000245	<0.0005 $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	0.021163 $\pm$ 0.004233	0.00209	111	1.02
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.005653 $\pm$ 0.001131	0.0007	121	1.41
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.022001 $\pm$ 0.0044	0.00306	108	0.52

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.0001155 $\pm$ 0.000023	0.000038	91.4	-0.29



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0012

Sample: AB17

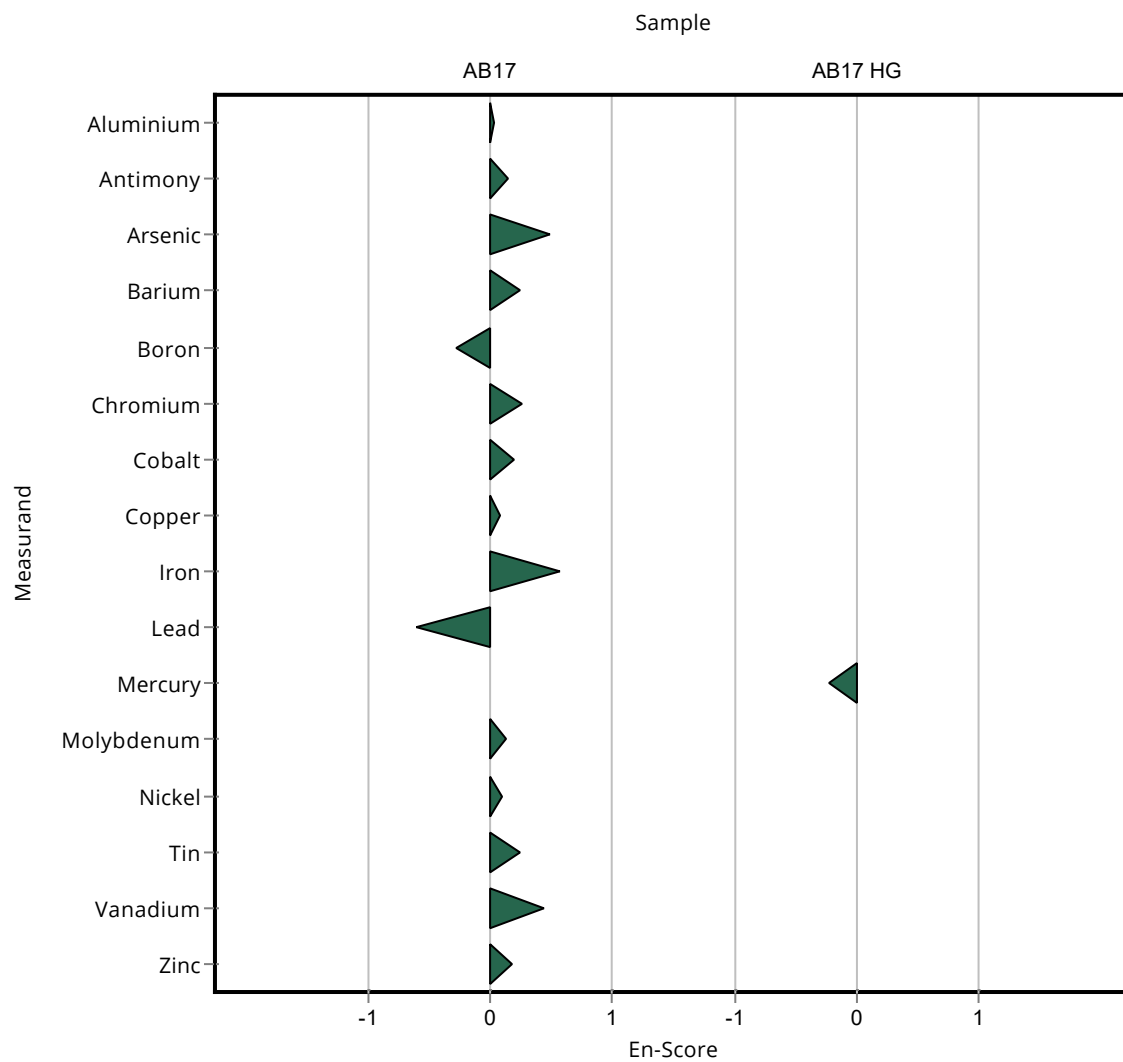
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.49576 $\pm$ 0.299152	0.148	101	0.03
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.015707 $\pm$ 0.003141	0.00148	106	0.15
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.008431 $\pm$ 0.001686	0.000947	125	0.49
Barium	mg/l	0.118 $\pm$ 0.0051	0.13131 $\pm$ 0.026262	0.0142	111	0.24
Boron	mg/l	0.427 $\pm$ 0.0165	0.384228 $\pm$ 0.076846	0.0427	90.1	-0.27
Cadmium	mg/l	- $\pm$ -	0.000682 $\pm$ 0.000136	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.39764 $\pm$ 0.079528	0.0356	112	0.26
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.020964 $\pm$ 0.004193	0.00251	109	0.20
Copper	mg/l	0.383 $\pm$ 0.0107	0.39551 $\pm$ 0.079102	0.0383	103	0.08
Iron	mg/l	0.0639 $\pm$ 0.00415	0.082953 $\pm$ 0.016591	0.0109	130	0.57
Lead	mg/l	0.0172 $\pm$ 0.000835	0.013832 $\pm$ 0.002766	0.00207	80.2	-0.61
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.33102 $\pm$ 0.066204	0.0314	105	0.13
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.008527 $\pm$ 0.001705	0.000984	104	0.10
Selenium	mg/l	0.018 $\pm$ 0.000822	- $\pm$ -	0.00198	-	-
Silver	mg/l	0.00183 $\pm$ 0.000245	<0.0005 $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	0.021163 $\pm$ 0.004233	0.00209	111	0.25
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.005653 $\pm$ 0.001131	0.0007	121	0.43
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.022001 $\pm$ 0.0044	0.00306	108	0.18

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.0001155 $\pm$ 0.000023	0.000038	91.4	-0.22

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0012

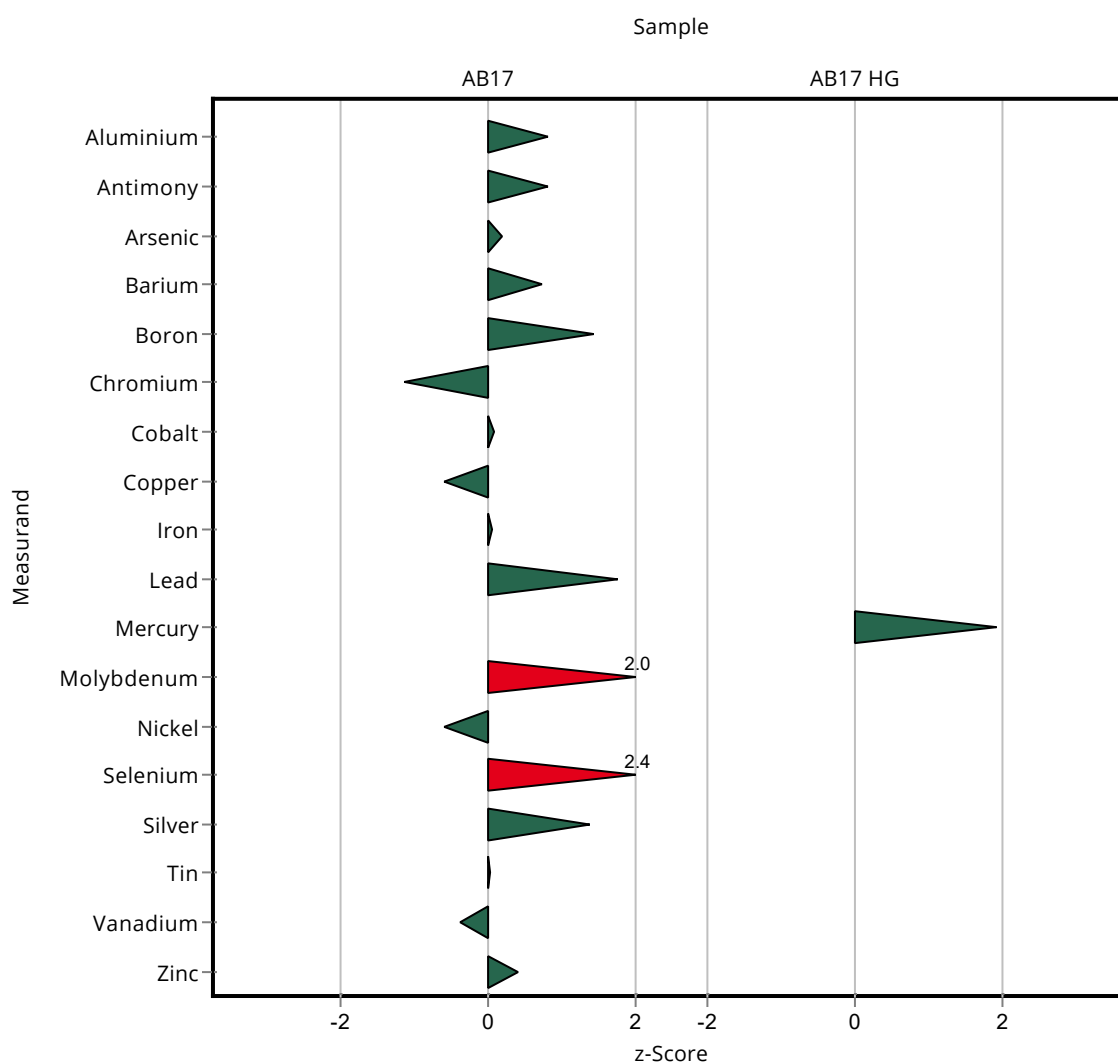


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.6 $\pm$ 0.0017	0.148	108	0.83
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.016 $\pm$ 0.0002	0.00148	108	0.82
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00695 $\pm$ 0.0001	0.000947	103	0.19
Barium	mg/l	0.118 $\pm$ 0.0051	0.1289 $\pm$ 0.0006	0.0142	109	0.74
Boron	mg/l	0.427 $\pm$ 0.0165	0.488 $\pm$ 0.0075	0.0427	114	1.44
Cadmium	mg/l	- $\pm$ -	0.00014 $\pm$ 0.0001	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.3157 $\pm$ 0.0011	0.0356	88.6	-1.14
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0195 $\pm$ 0.0002	0.00251	101	0.08
Copper	mg/l	0.383 $\pm$ 0.0107	0.3606 $\pm$ 0.0021	0.0383	94.1	-0.59
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0645 $\pm$ 0.0007	0.0109	101	0.06
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0209 $\pm$ 0.0002	0.00207	121	1.77
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.3775 $\pm$ 0.0051	0.0314	120	2.02
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0076 $\pm$ 0.0001	0.000984	92.7	-0.61
Selenium	mg/l	0.018 $\pm$ 0.000822	0.02273 $\pm$ 0.0002	0.00198	127	2.41
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00251 $\pm$ 0.0001	0.000493	137	1.39
Tin	mg/l	0.019 $\pm$ 0.0011	0.01907 $\pm$ 0.0003	0.00209	100	0.02
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.0044 $\pm$ 0.0001	0.0007	94.3	-0.38
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.02166 $\pm$ 0.0002	0.00306	106	0.41

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.0002 $\pm$ 0.00001	0.000038	158	1.94



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0013

Sample: AB17

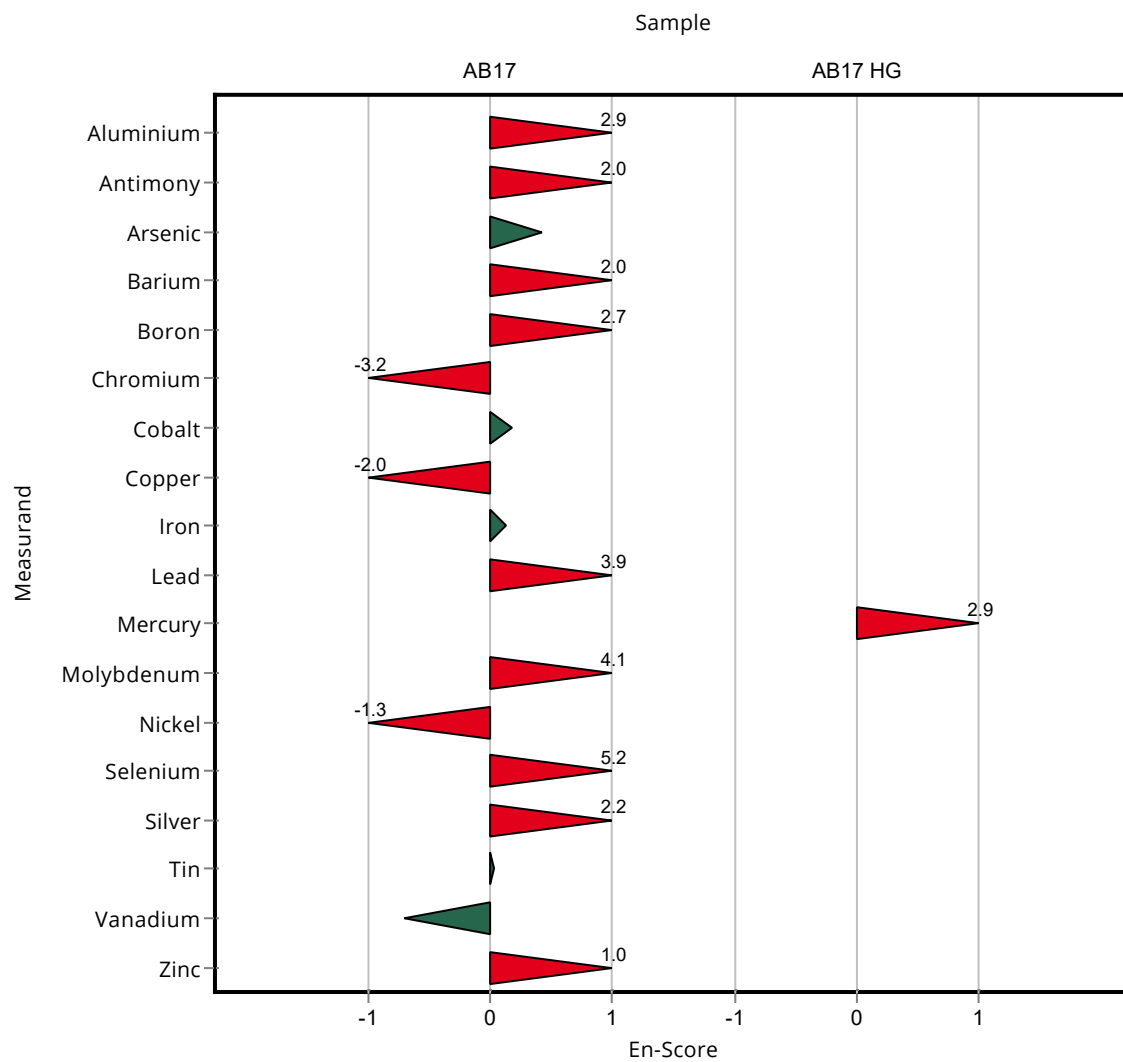
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.6 $\pm$ 0.0017	0.148	108	2.86
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.016 $\pm$ 0.0002	0.00148	108	1.98
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00695 $\pm$ 0.0001	0.000947	103	0.42
Barium	mg/l	0.118 $\pm$ 0.0051	0.1289 $\pm$ 0.0006	0.0142	109	2.01
Boron	mg/l	0.427 $\pm$ 0.0165	0.488 $\pm$ 0.0075	0.0427	114	2.75
Cadmium	mg/l	- $\pm$ -	0.00014 $\pm$ 0.0001	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.3157 $\pm$ 0.0011	0.0356	88.6	-3.21
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0195 $\pm$ 0.0002	0.00251	101	0.19
Copper	mg/l	0.383 $\pm$ 0.0107	0.3606 $\pm$ 0.0021	0.0383	94.1	-1.96
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0645 $\pm$ 0.0007	0.0109	101	0.14
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0209 $\pm$ 0.0002	0.00207	121	3.95
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.3775 $\pm$ 0.0051	0.0314	120	4.15
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0076 $\pm$ 0.0001	0.000984	92.7	-1.30
Selenium	mg/l	0.018 $\pm$ 0.000822	0.02273 $\pm$ 0.0002	0.00198	127	5.21
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00251 $\pm$ 0.0001	0.000493	137	2.16
Tin	mg/l	0.019 $\pm$ 0.0011	0.01907 $\pm$ 0.0003	0.00209	100	0.03
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.0044 $\pm$ 0.0001	0.0007	94.3	-0.69
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.02166 $\pm$ 0.0002	0.00306	106	1.00

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.0002 $\pm$ 0.00001	0.000038	158	2.90

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0013

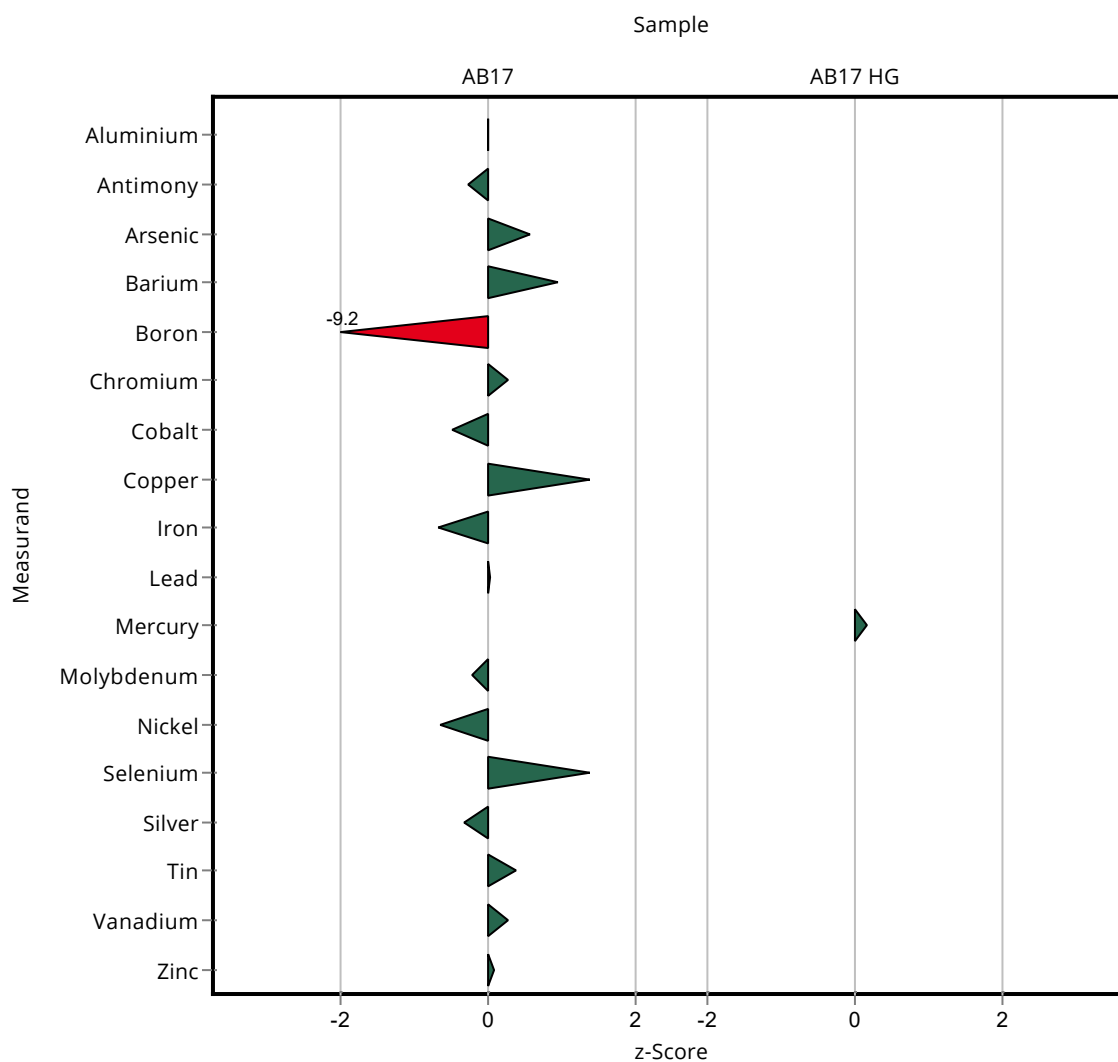


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.48 $\pm$ 0.17	0.148	100	0.01
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0144 $\pm$ 0.001	0.00148	97.3	-0.27
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0073 $\pm$ 0.0006	0.000947	108	0.56
Barium	mg/l	0.118 $\pm$ 0.0051	0.132 $\pm$ 0.016	0.0142	111	0.96
Boron	mg/l	0.427 $\pm$ 0.0165	0.0333 $\pm$ 0.0066	0.0427	7.81	-9.22
Cadmium	mg/l	- $\pm$ -	0.00018 $\pm$ 0.000012	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.366 $\pm$ 0.025	0.0356	103	0.27
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0181 $\pm$ 0.0015	0.00251	93.7	-0.48
Copper	mg/l	0.383 $\pm$ 0.0107	0.436 $\pm$ 0.087	0.0383	114	1.38
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0564 $\pm$ 0.0076	0.0109	88.3	-0.69
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0173 $\pm$ 0.0029	0.00207	100	0.03
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.307 $\pm$ 0.025	0.0314	97.8	-0.22
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00755 $\pm$ 0.00062	0.000984	92.1	-0.66
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0207 $\pm$ 0.0018	0.00198	115	1.39
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00167 $\pm$ 0.00022	0.000493	91.5	-0.32
Tin	mg/l	0.019 $\pm$ 0.0011	0.0198 $\pm$ 0.0024	0.00209	104	0.37
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00485 $\pm$ 0.00052	0.0007	104	0.26
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0207 $\pm$ 0.0014	0.00306	101	0.09

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000133 $\pm$ 0.000012	0.000038	105	0.17



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0014

Sample: AB17

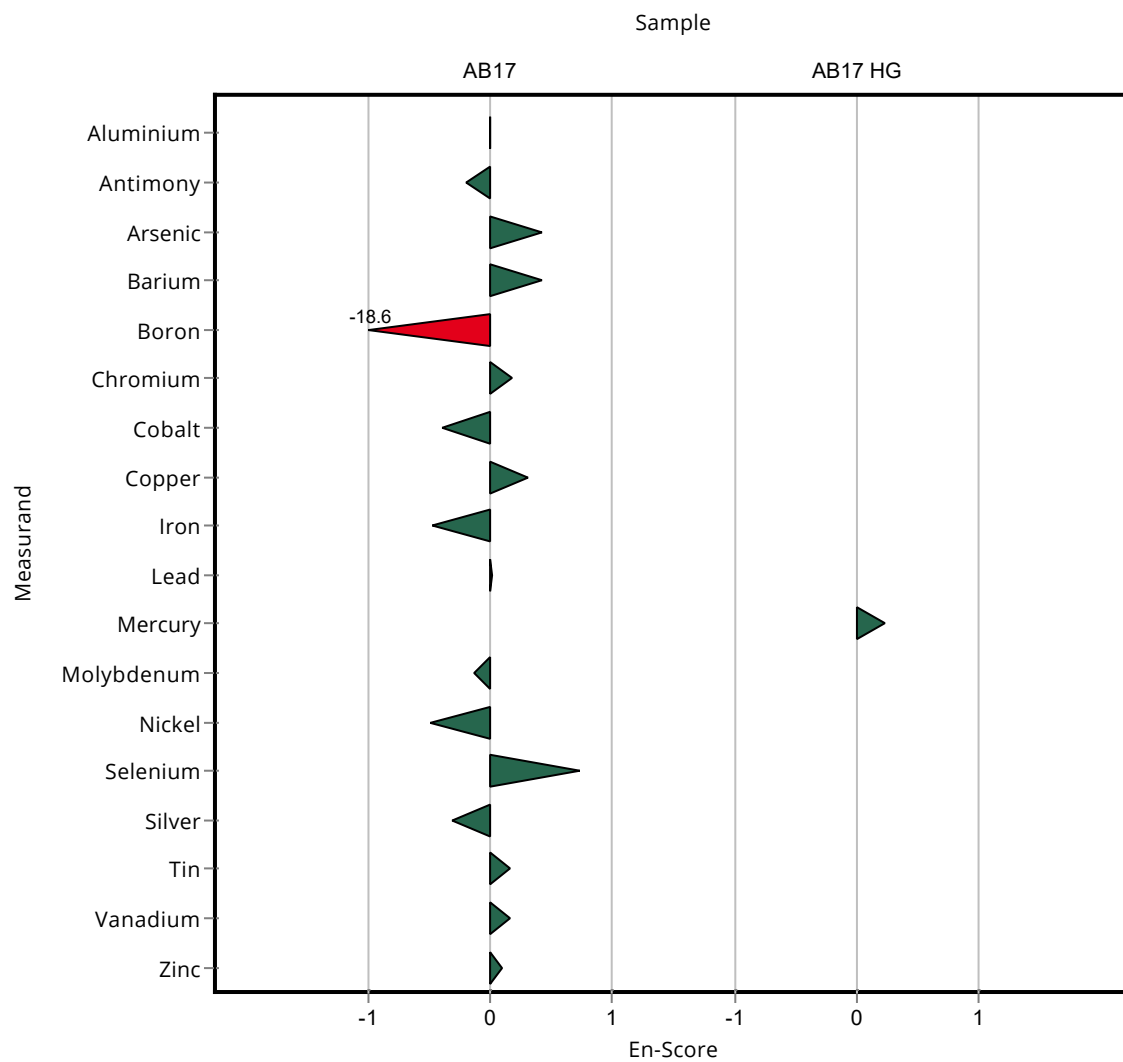
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.48 $\pm$ 0.17	0.148	100	0.01
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0144 $\pm$ 0.001	0.00148	97.3	-0.19
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0073 $\pm$ 0.0006	0.000947	108	0.42
Barium	mg/l	0.118 $\pm$ 0.0051	0.132 $\pm$ 0.016	0.0142	111	0.42
Boron	mg/l	0.427 $\pm$ 0.0165	0.0333 $\pm$ 0.0066	0.0427	7.81	-18.58
Cadmium	mg/l	- $\pm$ -	0.00018 $\pm$ 0.000012	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.366 $\pm$ 0.025	0.0356	103	0.19
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0181 $\pm$ 0.0015	0.00251	93.7	-0.38
Copper	mg/l	0.383 $\pm$ 0.0107	0.436 $\pm$ 0.087	0.0383	114	0.30
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0564 $\pm$ 0.0076	0.0109	88.3	-0.48
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0173 $\pm$ 0.0029	0.00207	100	0.01
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.307 $\pm$ 0.025	0.0314	97.8	-0.14
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00755 $\pm$ 0.00062	0.000984	92.1	-0.50
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0207 $\pm$ 0.0018	0.00198	115	0.74
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00167 $\pm$ 0.00022	0.000493	91.5	-0.31
Tin	mg/l	0.019 $\pm$ 0.0011	0.0198 $\pm$ 0.0024	0.00209	104	0.16
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00485 $\pm$ 0.00052	0.0007	104	0.17
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0207 $\pm$ 0.0014	0.00306	101	0.09

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000133 $\pm$ 0.000012	0.000038	105	0.23

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0014

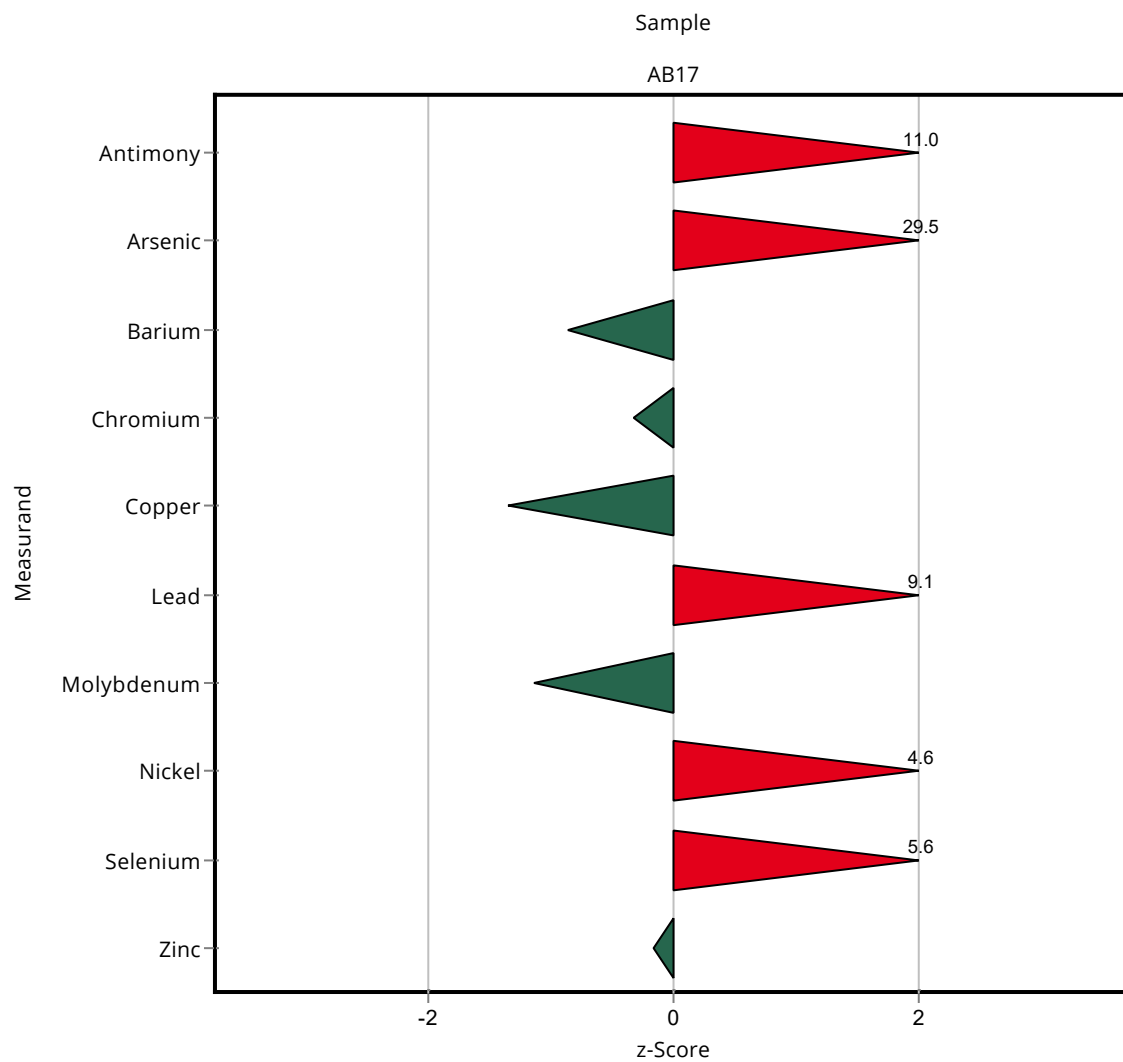


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	- $\pm$ -	0.148	-	-
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0311 $\pm$ 0.002	0.00148	210	11.02
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0347 $\pm$ 0.004	0.000947	513	29.48
Barium	mg/l	0.118 $\pm$ 0.0051	0.106 $\pm$ 0.008	0.0142	89.5	-0.87
Boron	mg/l	0.427 $\pm$ 0.0165	- $\pm$ -	0.0427	-	-
Cadmium	mg/l	- $\pm$ -	- $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.3445 $\pm$ 0.026	0.0356	96.7	-0.33
Cobalt	mg/l	0.0193 $\pm$ 0.000944	- $\pm$ -	0.00251	-	-
Copper	mg/l	0.383 $\pm$ 0.0107	0.331 $\pm$ 0.05	0.0383	86.4	-1.36
Iron	mg/l	0.0639 $\pm$ 0.00415	- $\pm$ -	0.0109	-	-
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0361 $\pm$ 0.014	0.00207	209	9.11
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.278 $\pm$ 0.02	0.0314	88.5	-1.15
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0127 $\pm$ 0.001	0.000984	155	4.58
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0291 $\pm$ 0.002	0.00198	162	5.64
Silver	mg/l	0.00183 $\pm$ 0.000245	- $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	- $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	- $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0199 $\pm$ 0.006	0.00306	97.5	-0.17

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	- $\pm$ -	0.000038	-	-



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0015

Sample: AB17

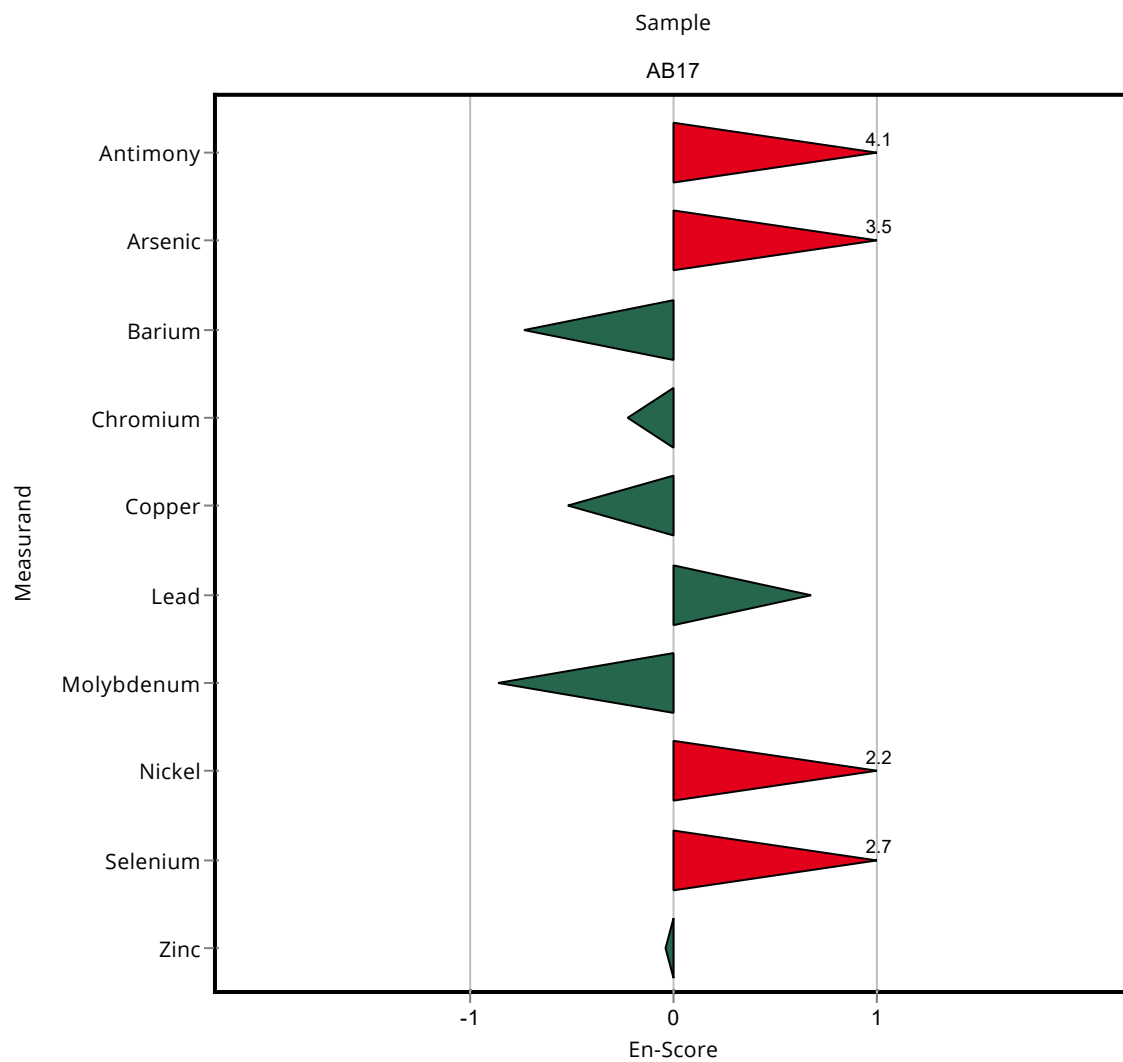
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	- $\pm$ -	0.148	-	-
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0311 $\pm$ 0.002	0.00148	210	4.05
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0347 $\pm$ 0.004	0.000947	513	3.49
Barium	mg/l	0.118 $\pm$ 0.0051	0.106 $\pm$ 0.008	0.0142	89.5	-0.74
Boron	mg/l	0.427 $\pm$ 0.0165	- $\pm$ -	0.0427	-	-
Cadmium	mg/l	- $\pm$ -	- $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.3445 $\pm$ 0.026	0.0356	96.7	-0.22
Cobalt	mg/l	0.0193 $\pm$ 0.000944	- $\pm$ -	0.00251	-	-
Copper	mg/l	0.383 $\pm$ 0.0107	0.331 $\pm$ 0.05	0.0383	86.4	-0.52
Iron	mg/l	0.0639 $\pm$ 0.00415	- $\pm$ -	0.0109	-	-
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0361 $\pm$ 0.014	0.00207	209	0.67
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.278 $\pm$ 0.02	0.0314	88.5	-0.86
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0127 $\pm$ 0.001	0.000984	155	2.20
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0291 $\pm$ 0.002	0.00198	162	2.73
Silver	mg/l	0.00183 $\pm$ 0.000245	- $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	- $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	- $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0199 $\pm$ 0.006	0.00306	97.5	-0.04

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	- $\pm$ -	0.000038	-	-

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0015

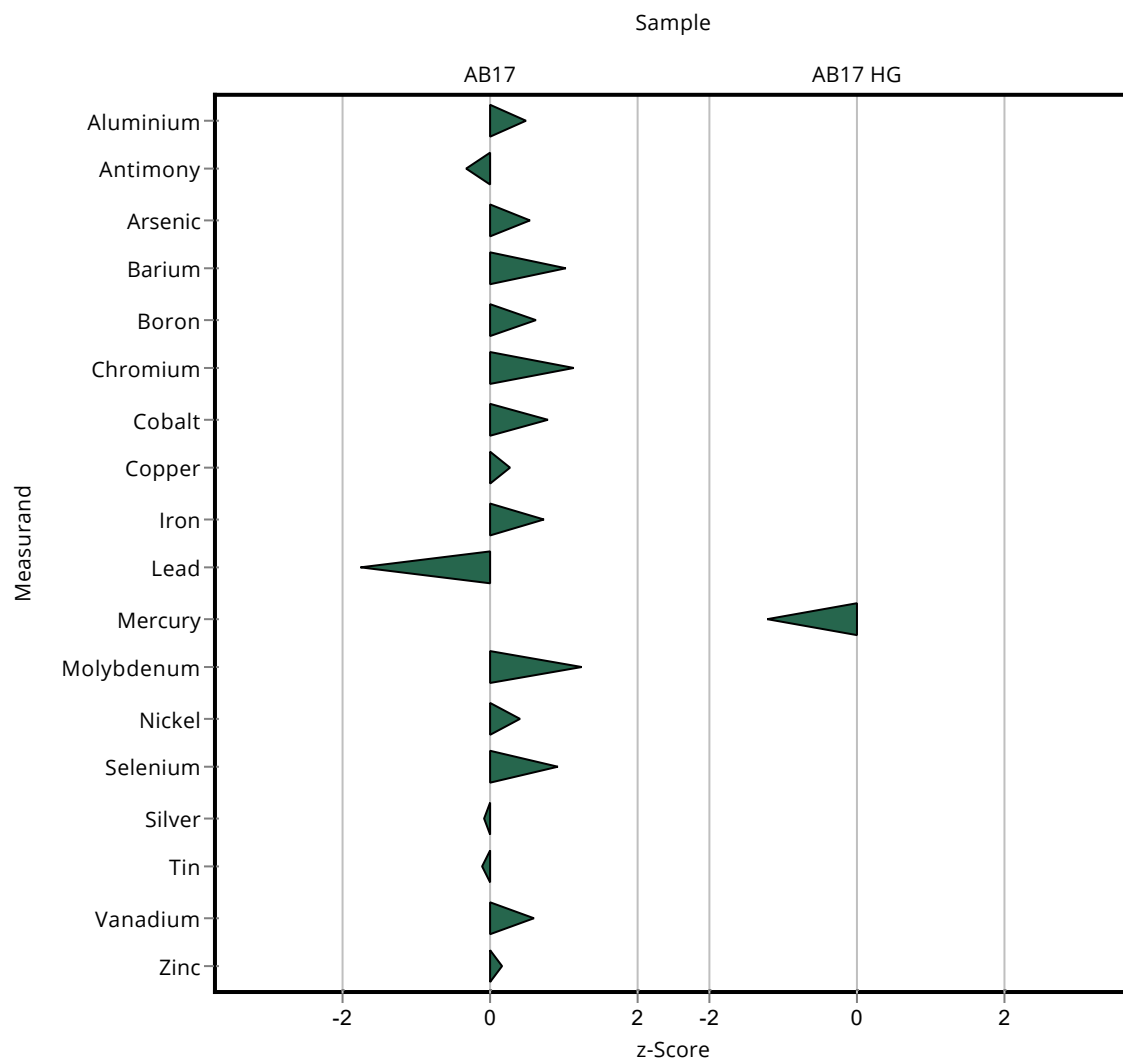


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.55 $\pm$ 0.154	0.148	105	0.49
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0143 $\pm$ 0.00143	0.00148	96.7	-0.33
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00727 $\pm$ 0.000727	0.000947	107	0.53
Barium	mg/l	0.118 $\pm$ 0.0051	0.133 $\pm$ 0.0133	0.0142	112	1.03
Boron	mg/l	0.427 $\pm$ 0.0165	0.453 $\pm$ 0.0453	0.0427	106	0.62
Cadmium	mg/l	- $\pm$ -	0.000122 $\pm$ 0.000012	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.397 $\pm$ 0.0397	0.0356	111	1.14
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0213 $\pm$ 0.00213	0.00251	110	0.79
Copper	mg/l	0.383 $\pm$ 0.0107	0.393 $\pm$ 0.0393	0.0383	103	0.26
Iron	mg/l	0.0639 $\pm$ 0.00415	0.072 $\pm$ 0.0072	0.0109	113	0.75
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0136 $\pm$ 0.00136	0.00207	78.9	-1.76
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.353 $\pm$ 0.0353	0.0314	112	1.24
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00859 $\pm$ 0.000859	0.000984	105	0.40
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0198 $\pm$ 0.00198	0.00198	110	0.93
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00178 $\pm$ 0.000178	0.000493	97.5	-0.09
Tin	mg/l	0.019 $\pm$ 0.0011	0.0188 $\pm$ 0.00188	0.00209	98.8	-0.11
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00509 $\pm$ 0.000509	0.0007	109	0.61
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0209 $\pm$ 0.00209	0.00306	102	0.16

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	8E-5 $\pm$ 0.000008	0.000038	63.3	-1.22



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0016

Sample: AB17

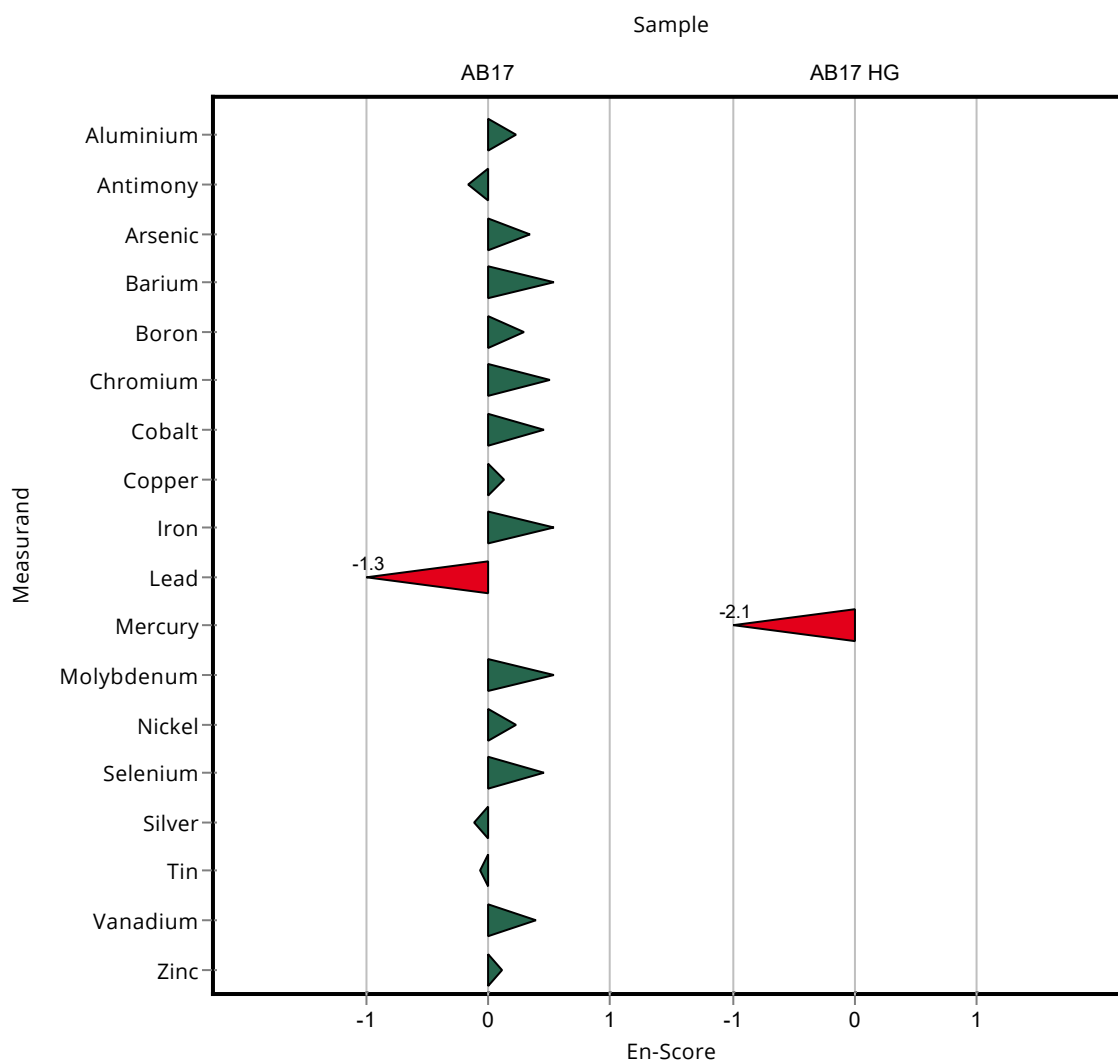
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.55 $\pm$ 0.154	0.148	105	0.23
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0143 $\pm$ 0.00143	0.00148	96.7	-0.17
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00727 $\pm$ 0.000727	0.000947	107	0.33
Barium	mg/l	0.118 $\pm$ 0.0051	0.133 $\pm$ 0.0133	0.0142	112	0.54
Boron	mg/l	0.427 $\pm$ 0.0165	0.453 $\pm$ 0.0453	0.0427	106	0.29
Cadmium	mg/l	- $\pm$ -	0.000122 $\pm$ 0.000012	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.397 $\pm$ 0.0397	0.0356	111	0.51
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0213 $\pm$ 0.00213	0.00251	110	0.46
Copper	mg/l	0.383 $\pm$ 0.0107	0.393 $\pm$ 0.0393	0.0383	103	0.13
Iron	mg/l	0.0639 $\pm$ 0.00415	0.072 $\pm$ 0.0072	0.0109	113	0.54
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0136 $\pm$ 0.00136	0.00207	78.9	-1.28
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.353 $\pm$ 0.0353	0.0314	112	0.55
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00859 $\pm$ 0.000859	0.000984	105	0.22
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0198 $\pm$ 0.00198	0.00198	110	0.45
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00178 $\pm$ 0.000178	0.000493	97.5	-0.11
Tin	mg/l	0.019 $\pm$ 0.0011	0.0188 $\pm$ 0.00188	0.00209	98.8	-0.06
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00509 $\pm$ 0.000509	0.0007	109	0.40
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0209 $\pm$ 0.00209	0.00306	102	0.11

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	8E-5 $\pm$ 0.000008	0.000038	63.3	-2.07

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0016

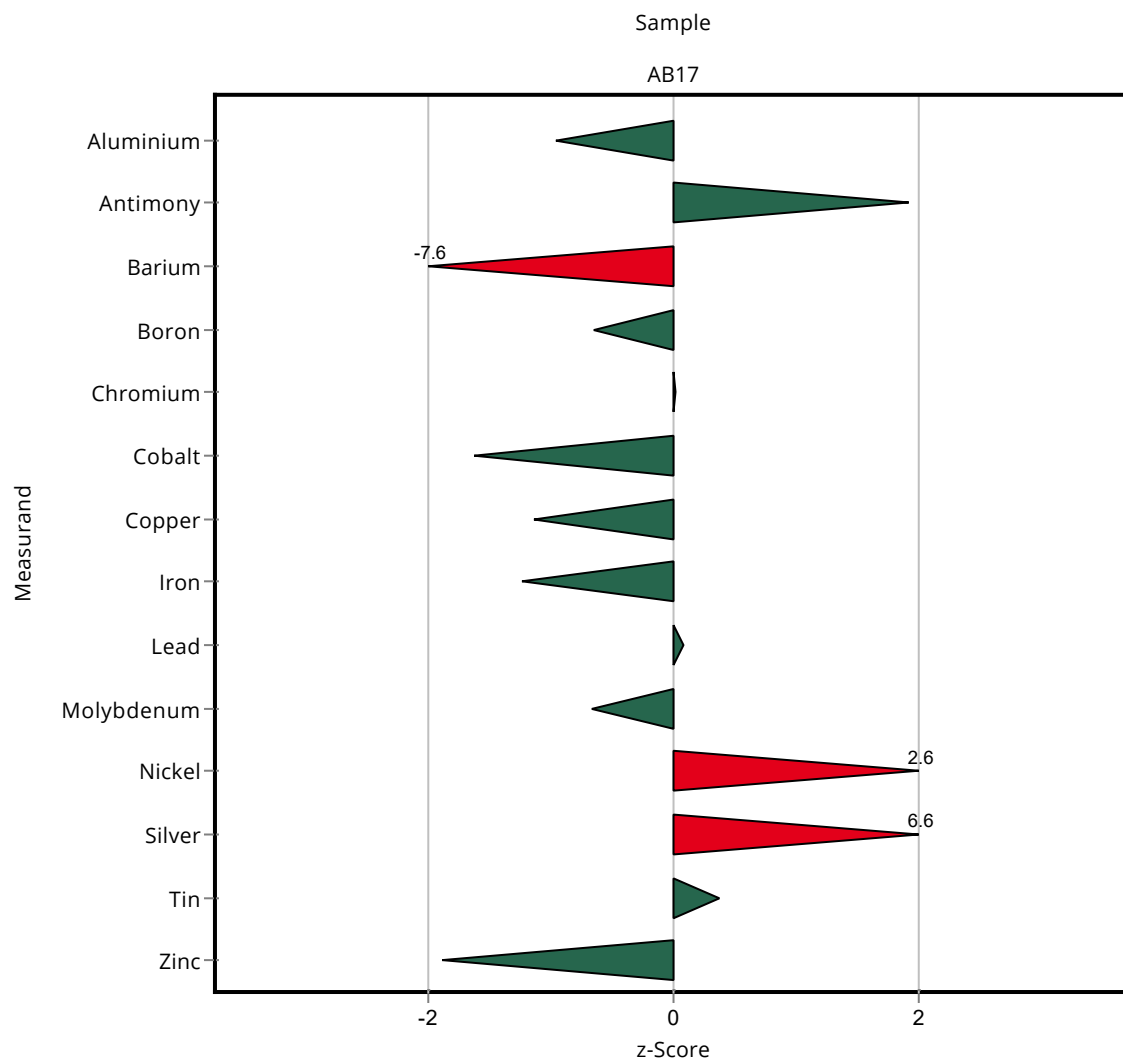


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.335 $\pm$ 0.06	0.148	90.3	-0.97
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.01765 $\pm$ 0.013	0.00148	119	1.93
Arsenic	mg/l	0.00677 $\pm$ 0.00038	<0.00063 $\pm$ -	0.000947	-	-
Barium	mg/l	0.118 $\pm$ 0.0051	0.0104 $\pm$ 0.012	0.0142	8.78	-7.60
Boron	mg/l	0.427 $\pm$ 0.0165	0.399 $\pm$ 0.016	0.0427	93.5	-0.65
Cadmium	mg/l	- $\pm$ -	<0.00014 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.357 $\pm$ 0.016	0.0356	100	0.02
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0152 $\pm$ 0.001	0.00251	78.7	-1.64
Copper	mg/l	0.383 $\pm$ 0.0107	0.339 $\pm$ 0.014	0.0383	88.5	-1.15
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0504 $\pm$ 0.056	0.0109	78.9	-1.24
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0174 $\pm$ 0.02	0.00207	101	0.07
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.293 $\pm$ 0.013	0.0314	93.3	-0.67
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0108 $\pm$ 0.005	0.000984	132	2.65
Selenium	mg/l	0.018 $\pm$ 0.000822	<0.00111 $\pm$ -	0.00198	-	-
Silver	mg/l	0.00183 $\pm$ 0.000245	0.0051 $\pm$ 0.0005	0.000493	279	6.64
Tin	mg/l	0.019 $\pm$ 0.0011	0.0198 $\pm$ 0.002	0.00209	104	0.37
Vanadium	mg/l	0.00467 $\pm$ 0.000325	<0.0095 $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0146 $\pm$ 0.003	0.00306	71.5	-1.90

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	<0.00029 $\pm$ -	0.000038	-	-



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

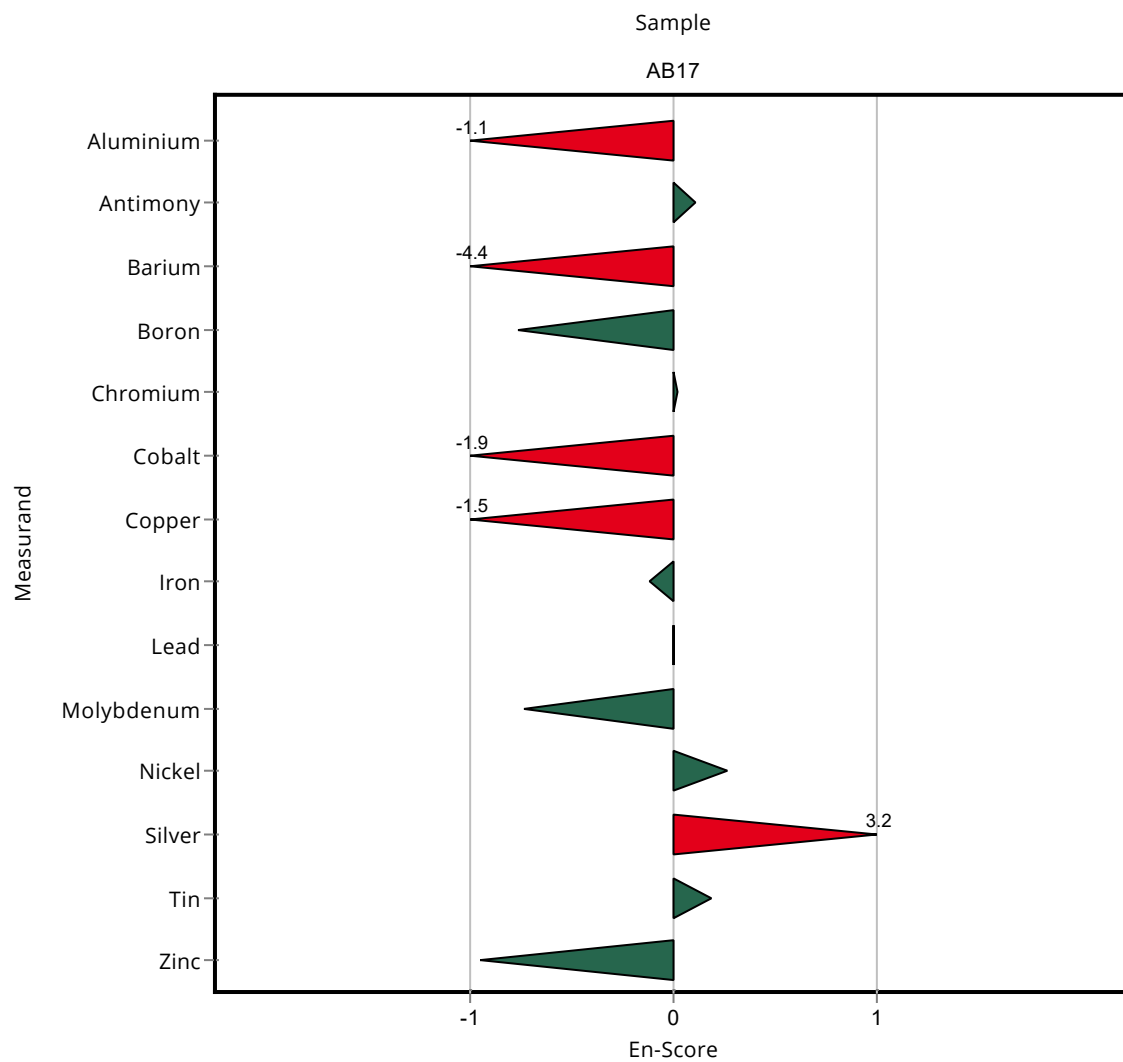
Labcode: LC0017

Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.335 $\pm$ 0.06	0.148	90.3	-1.12
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.01765 $\pm$ 0.013	0.00148	119	0.11
Arsenic	mg/l	0.00677 $\pm$ 0.00038	<0.00063 $\pm$ -	0.000947	-	-
Barium	mg/l	0.118 $\pm$ 0.0051	0.0104 $\pm$ 0.012	0.0142	8.78	-4.40
Boron	mg/l	0.427 $\pm$ 0.0165	0.399 $\pm$ 0.016	0.0427	93.5	-0.77
Cadmium	mg/l	- $\pm$ -	<0.00014 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.357 $\pm$ 0.016	0.0356	100	0.02
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0152 $\pm$ 0.001	0.00251	78.7	-1.86
Copper	mg/l	0.383 $\pm$ 0.0107	0.339 $\pm$ 0.014	0.0383	88.5	-1.47
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0504 $\pm$ 0.056	0.0109	78.9	-0.12
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0174 $\pm$ 0.02	0.00207	101	0.00
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.293 $\pm$ 0.013	0.0314	93.3	-0.74
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0108 $\pm$ 0.005	0.000984	132	0.26
Selenium	mg/l	0.018 $\pm$ 0.000822	<0.00111 $\pm$ -	0.00198	-	-
Silver	mg/l	0.00183 $\pm$ 0.000245	0.0051 $\pm$ 0.0005	0.000493	279	3.18
Tin	mg/l	0.019 $\pm$ 0.0011	0.0198 $\pm$ 0.002	0.00209	104	0.19
Vanadium	mg/l	0.00467 $\pm$ 0.000325	<0.0095 $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0146 $\pm$ 0.003	0.00306	71.5	-0.95

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	<0.00029 $\pm$ -	0.000038	-	-

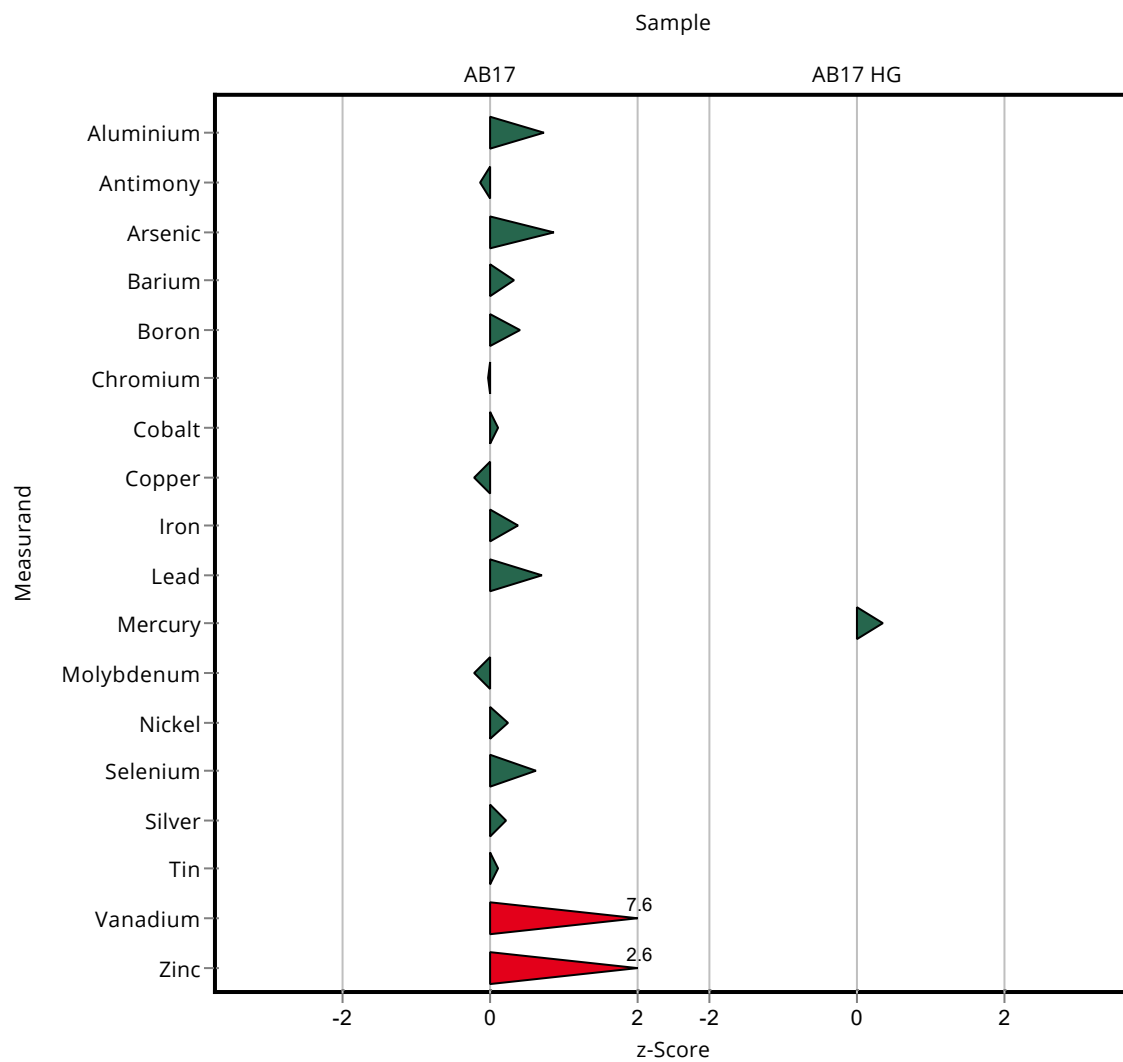


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.5854 $\pm$ 0.1452	0.148	107	0.73
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0146 $\pm$ 0.0011	0.00148	98.7	-0.13
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0076 $\pm$ 0.0003	0.000947	112	0.88
Barium	mg/l	0.118 $\pm$ 0.0051	0.1229 $\pm$ 0.0051	0.0142	104	0.32
Boron	mg/l	0.427 $\pm$ 0.0165	0.4441 $\pm$ 0.0513	0.0427	104	0.41
Cadmium	mg/l	- $\pm$ -	0.00045 $\pm$ 0.000033	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.3557 $\pm$ 0.0253	0.0356	99.8	-0.02
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0196 $\pm$ 0.0029	0.00251	102	0.12
Copper	mg/l	0.383 $\pm$ 0.0107	0.3743 $\pm$ 0.0317	0.0383	97.7	-0.23
Iron	mg/l	0.0639 $\pm$ 0.00415	0.06805 $\pm$ 0.0069	0.0109	106	0.38
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0187 $\pm$ 0.0015	0.00207	108	0.70
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.30715 $\pm$ 0.0172	0.0314	97.8	-0.22
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00845 $\pm$ 0.00066	0.000984	103	0.26
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0192 $\pm$ 0.0014	0.00198	107	0.63
Silver	mg/l	0.00183 $\pm$ 0.000245	0.001935 $\pm$ 0.00029	0.000493	106	0.22
Tin	mg/l	0.019 $\pm$ 0.0011	0.01925 $\pm$ 0.0029	0.00209	101	0.10
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.01 $\pm$ 0.0015	0.0007	214	7.62
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0283 $\pm$ 0.0031	0.00306	139	2.57

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00014 $\pm$ 0.000022	0.000038	111	0.36



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0018

Sample: AB17

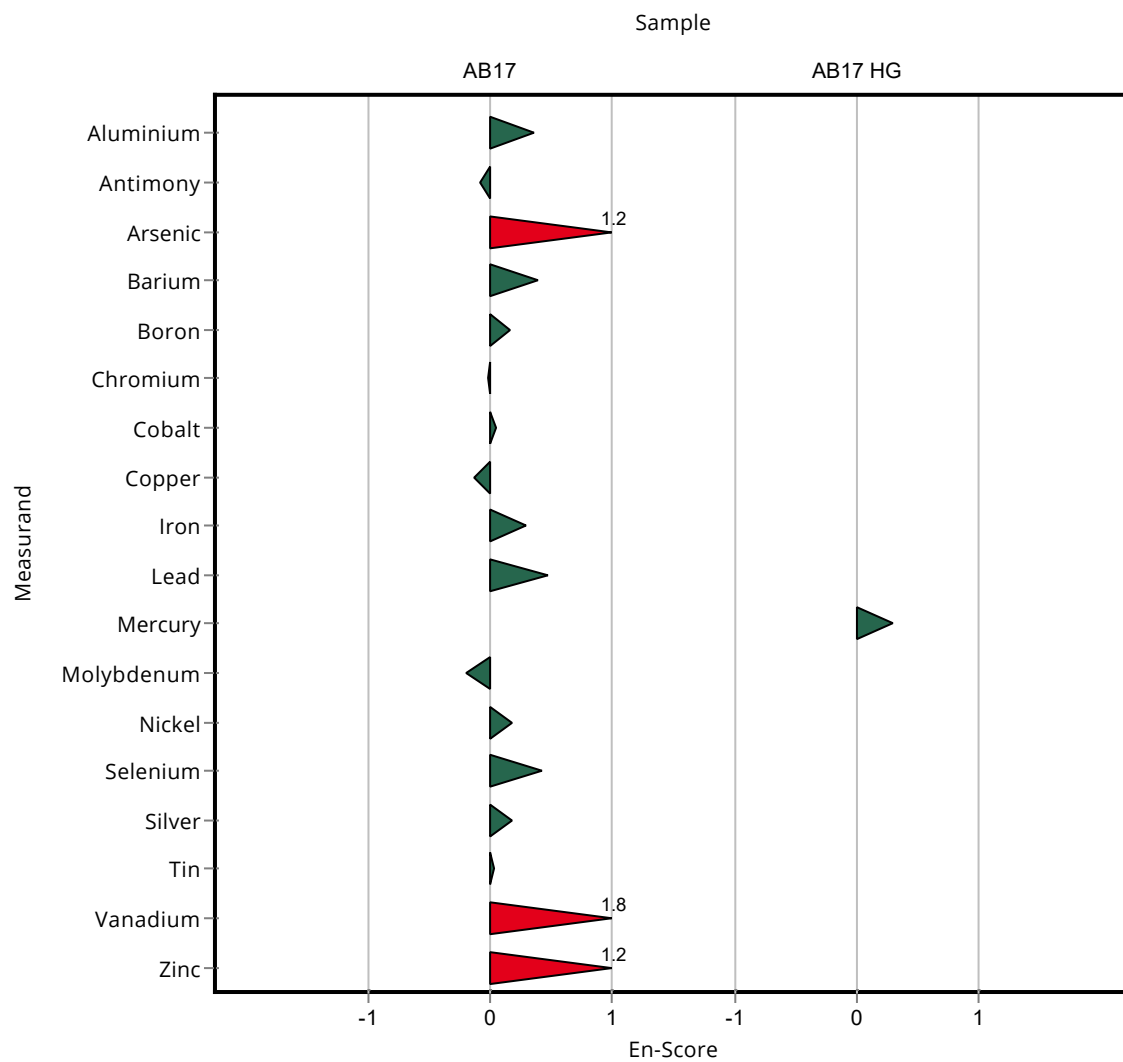
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.5854 $\pm$ 0.1452	0.148	107	0.37
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0146 $\pm$ 0.0011	0.00148	98.7	-0.09
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0076 $\pm$ 0.0003	0.000947	112	1.17
Barium	mg/l	0.118 $\pm$ 0.0051	0.1229 $\pm$ 0.0051	0.0142	104	0.40
Boron	mg/l	0.427 $\pm$ 0.0165	0.4441 $\pm$ 0.0513	0.0427	104	0.17
Cadmium	mg/l	- $\pm$ -	0.00045 $\pm$ 0.000033	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.3557 $\pm$ 0.0253	0.0356	99.8	-0.01
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0196 $\pm$ 0.0029	0.00251	102	0.05
Copper	mg/l	0.383 $\pm$ 0.0107	0.3743 $\pm$ 0.0317	0.0383	97.7	-0.14
Iron	mg/l	0.0639 $\pm$ 0.00415	0.06805 $\pm$ 0.0069	0.0109	106	0.29
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0187 $\pm$ 0.0015	0.00207	108	0.47
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.30715 $\pm$ 0.0172	0.0314	97.8	-0.19
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00845 $\pm$ 0.00066	0.000984	103	0.18
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0192 $\pm$ 0.0014	0.00198	107	0.42
Silver	mg/l	0.00183 $\pm$ 0.000245	0.001935 $\pm$ 0.00029	0.000493	106	0.17
Tin	mg/l	0.019 $\pm$ 0.0011	0.01925 $\pm$ 0.0029	0.00209	101	0.04
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.01 $\pm$ 0.0015	0.0007	214	1.77
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0283 $\pm$ 0.0031	0.00306	139	1.25

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00014 $\pm$ 0.000022	0.000038	111	0.29

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0018

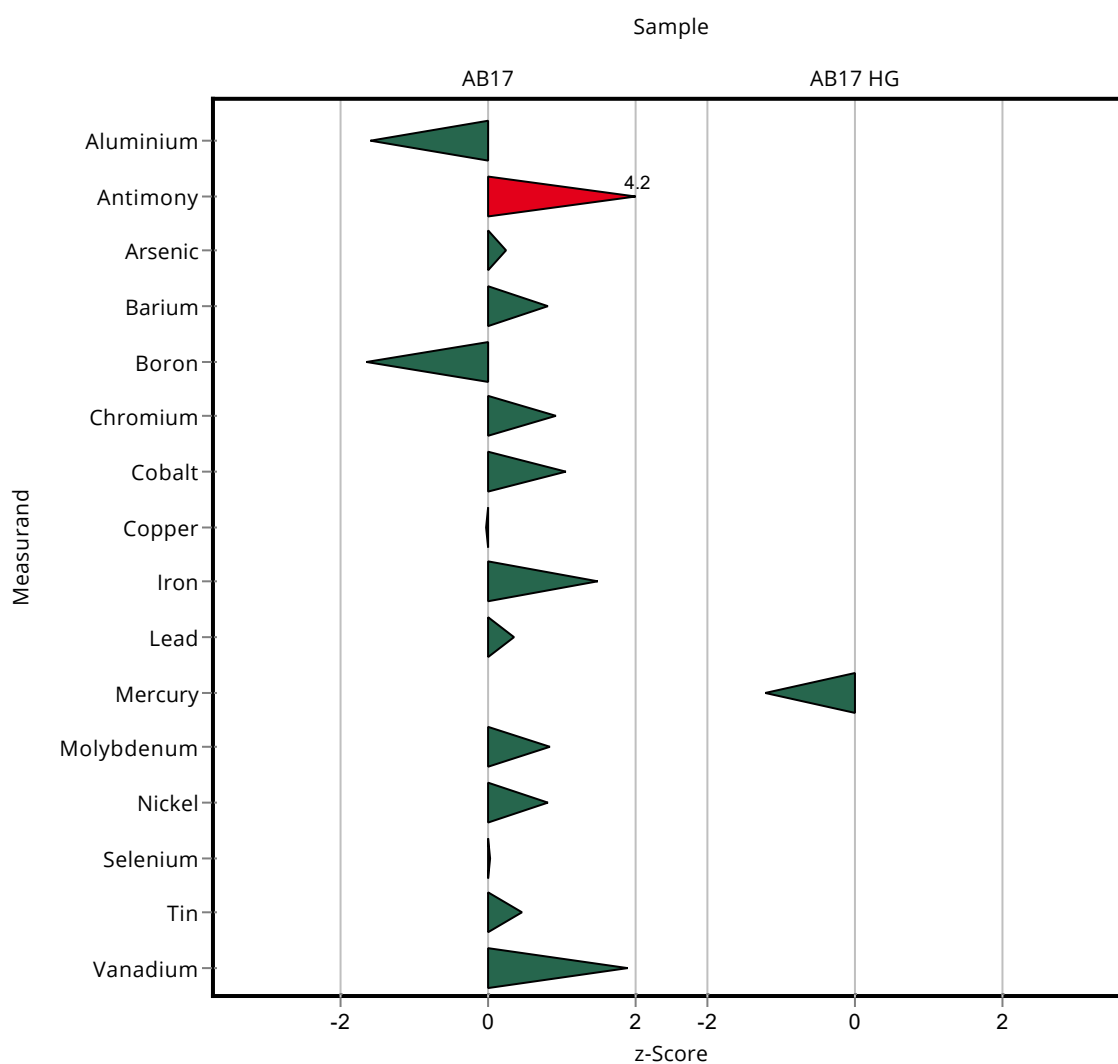


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.24 $\pm$ 0.186	0.148	83.9	-1.61
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.021 $\pm$ 0.00315	0.00148	142	4.20
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.007 $\pm$ 0.00105	0.000947	103	0.25
Barium	mg/l	0.118 $\pm$ 0.0051	0.13 $\pm$ 0.0195	0.0142	110	0.82
Boron	mg/l	0.427 $\pm$ 0.0165	0.356 $\pm$ 0.0534	0.0427	83.5	-1.65
Cadmium	mg/l	- $\pm$ -	<0.0003 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.389 $\pm$ 0.05835	0.0356	109	0.91
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.022 $\pm$ 0.0033	0.00251	114	1.07
Copper	mg/l	0.383 $\pm$ 0.0107	0.382 $\pm$ 0.0573	0.0383	99.7	-0.03
Iron	mg/l	0.0639 $\pm$ 0.00415	0.08 $\pm$ 0.012	0.0109	125	1.48
Lead	mg/l	0.0172 $\pm$ 0.000835	0.018 $\pm$ 0.0027	0.00207	104	0.36
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.34 $\pm$ 0.051	0.0314	108	0.83
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.009 $\pm$ 0.00135	0.000984	110	0.82
Selenium	mg/l	0.018 $\pm$ 0.000822	0.018 $\pm$ 0.0027	0.00198	100	0.02
Silver	mg/l	0.00183 $\pm$ 0.000245	0.01 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	0.02 $\pm$ 0.003	0.00209	105	0.46
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.006 $\pm$ 0.0009	0.0007	129	1.91
Zinc	mg/l	0.0204 $\pm$ 0.00118	<0.03 (LOQ) $\pm$ -	0.00306	-	-

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	8E-5 $\pm$ 0.000016	0.000038	63.3	-1.22



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0019

Sample: AB17

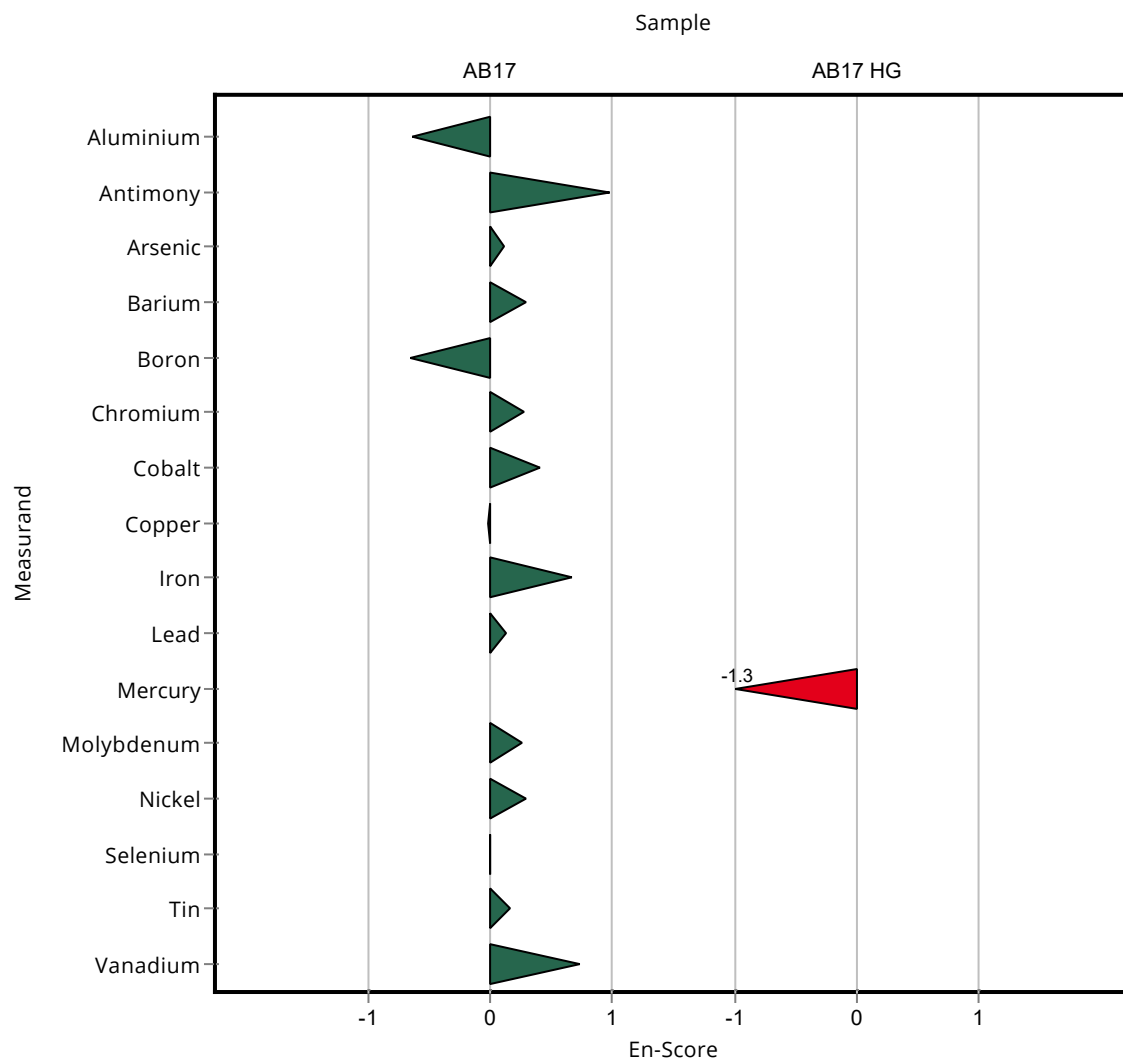
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.24 $\pm$ 0.186	0.148	83.9	-0.64
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.021 $\pm$ 0.00315	0.00148	142	0.98
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.007 $\pm$ 0.00105	0.000947	103	0.11
Barium	mg/l	0.118 $\pm$ 0.0051	0.13 $\pm$ 0.0195	0.0142	110	0.30
Boron	mg/l	0.427 $\pm$ 0.0165	0.356 $\pm$ 0.0534	0.0427	83.5	-0.65
Cadmium	mg/l	- $\pm$ -	<0.0003 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.389 $\pm$ 0.05835	0.0356	109	0.28
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.022 $\pm$ 0.0033	0.00251	114	0.40
Copper	mg/l	0.383 $\pm$ 0.0107	0.382 $\pm$ 0.0573	0.0383	99.7	-0.01
Iron	mg/l	0.0639 $\pm$ 0.00415	0.08 $\pm$ 0.012	0.0109	125	0.66
Lead	mg/l	0.0172 $\pm$ 0.000835	0.018 $\pm$ 0.0027	0.00207	104	0.14
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.34 $\pm$ 0.051	0.0314	108	0.25
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.009 $\pm$ 0.00135	0.000984	110	0.29
Selenium	mg/l	0.018 $\pm$ 0.000822	0.018 $\pm$ 0.0027	0.00198	100	0.01
Silver	mg/l	0.00183 $\pm$ 0.000245	0.01 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	0.02 $\pm$ 0.003	0.00209	105	0.16
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.006 $\pm$ 0.0009	0.0007	129	0.73
Zinc	mg/l	0.0204 $\pm$ 0.00118	<0.03 (LOQ) $\pm$ -	0.00306	-	-

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	8E-5 $\pm$ 0.000016	0.000038	63.3	-1.30

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0019

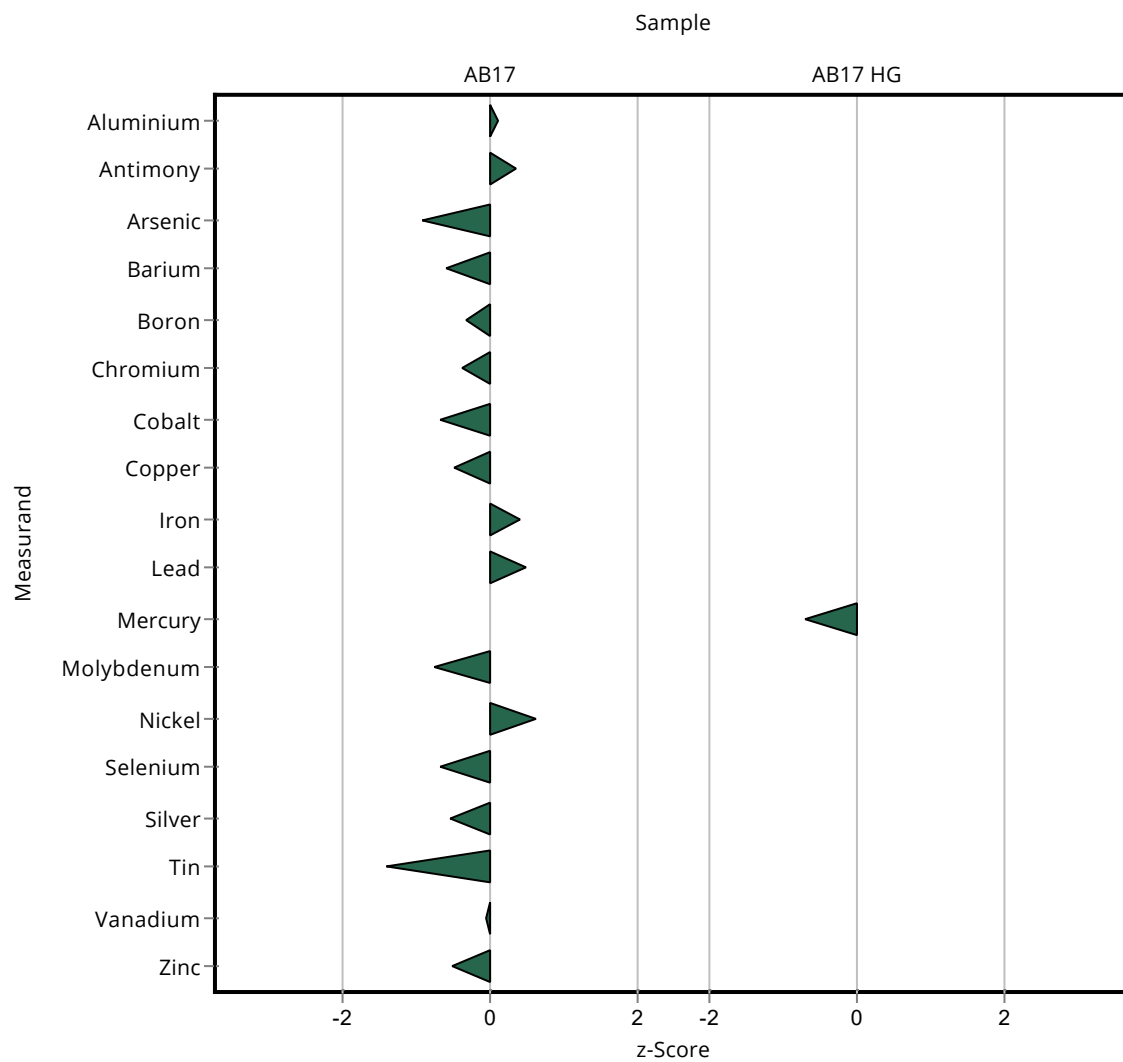


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.49457 $\pm$ 0.082201	0.148	101	0.11
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.01531 $\pm$ 0.002143	0.00148	103	0.35
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00589 $\pm$ 0.0004	0.000947	87	-0.93
Barium	mg/l	0.118 $\pm$ 0.0051	0.10973 $\pm$ 0.005706	0.0142	92.7	-0.61
Boron	mg/l	0.427 $\pm$ 0.0165	0.413 $\pm$ 0.01652	0.0427	96.8	-0.32
Cadmium	mg/l	- $\pm$ -	0.00031 $\pm$ 0.000013	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.34287 $\pm$ 0.022973	0.0356	96.2	-0.38
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0176 $\pm$ 0.00088	0.00251	91.1	-0.68
Copper	mg/l	0.383 $\pm$ 0.0107	0.36456 $\pm$ 0.022238	0.0383	95.2	-0.48
Iron	mg/l	0.0639 $\pm$ 0.00415	0.06822 $\pm$ 0.008869	0.0109	107	0.40
Lead	mg/l	0.0172 $\pm$ 0.000835	0.01828 $\pm$ 0.001334	0.00207	106	0.50
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.29007 $\pm$ 0.010153	0.0314	92.4	-0.76
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0088 $\pm$ 0.000748	0.000984	107	0.61
Selenium	mg/l	0.018 $\pm$ 0.000822	0.01664 $\pm$ 0.000849	0.00198	92.6	-0.67
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00156 $\pm$ 0.000084	0.000493	85.4	-0.54
Tin	mg/l	0.019 $\pm$ 0.0011	0.01606 $\pm$ 0.000787	0.00209	84.4	-1.42
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00462 $\pm$ 0.000254	0.0007	99	-0.06
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.01886 $\pm$ 0.00264	0.00306	92.4	-0.51

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	9.965E-5 $\pm$ 0.000009	0.000038	78.9	-0.70



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0020

Sample: AB17

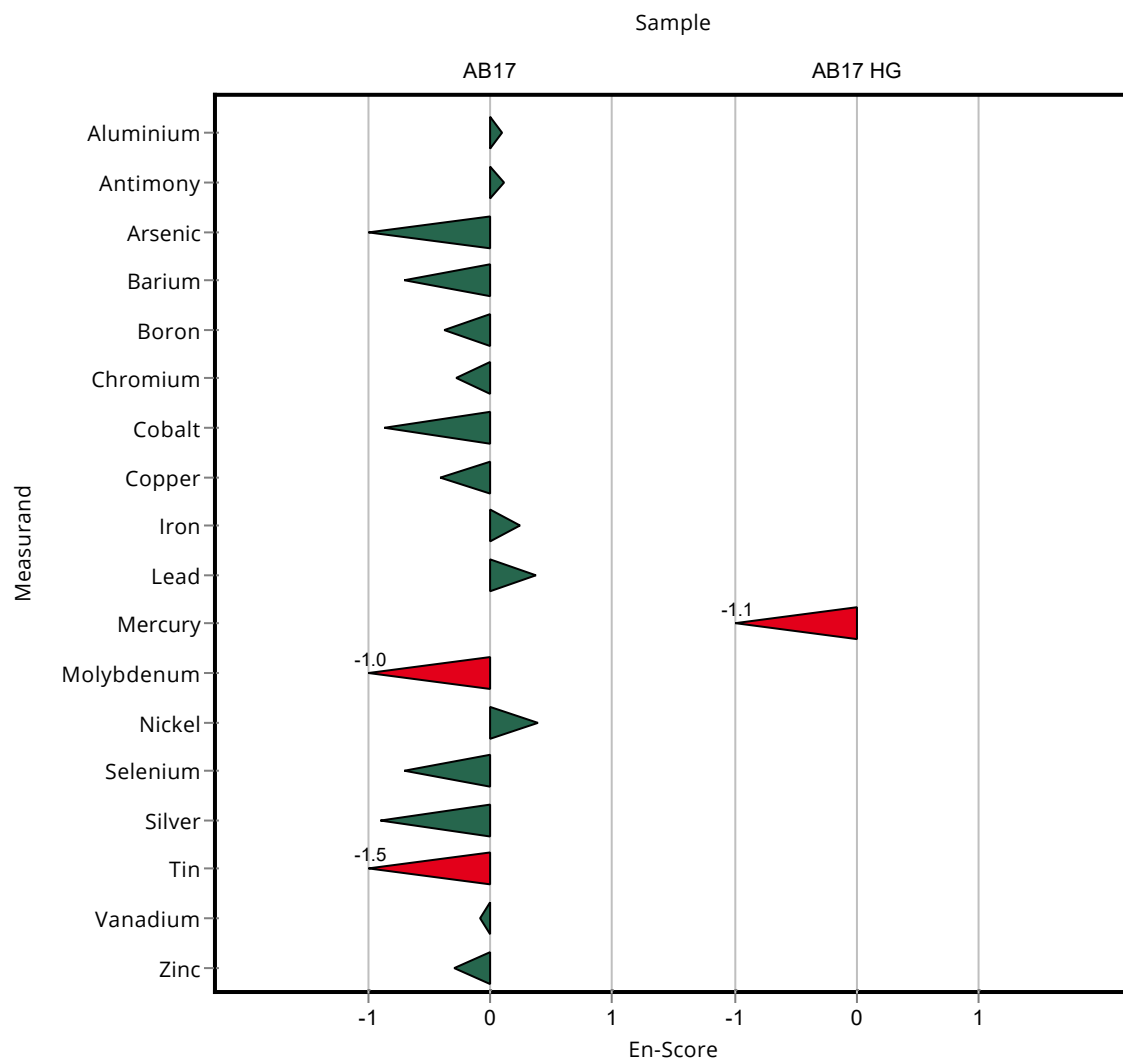
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.49457 $\pm$ 0.082201	0.148	101	0.10
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.01531 $\pm$ 0.002143	0.00148	103	0.12
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00589 $\pm$ 0.0004	0.000947	87	-0.99
Barium	mg/l	0.118 $\pm$ 0.0051	0.10973 $\pm$ 0.005706	0.0142	92.7	-0.69
Boron	mg/l	0.427 $\pm$ 0.0165	0.413 $\pm$ 0.01652	0.0427	96.8	-0.37
Cadmium	mg/l	- $\pm$ -	0.00031 $\pm$ 0.000013	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.34287 $\pm$ 0.022973	0.0356	96.2	-0.28
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0176 $\pm$ 0.00088	0.00251	91.1	-0.86
Copper	mg/l	0.383 $\pm$ 0.0107	0.36456 $\pm$ 0.022238	0.0383	95.2	-0.40
Iron	mg/l	0.0639 $\pm$ 0.00415	0.06822 $\pm$ 0.008869	0.0109	107	0.24
Lead	mg/l	0.0172 $\pm$ 0.000835	0.01828 $\pm$ 0.001334	0.00207	106	0.37
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.29007 $\pm$ 0.010153	0.0314	92.4	-1.02
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.0088 $\pm$ 0.000748	0.000984	107	0.39
Selenium	mg/l	0.018 $\pm$ 0.000822	0.01664 $\pm$ 0.000849	0.00198	92.6	-0.70
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00156 $\pm$ 0.000084	0.000493	85.4	-0.89
Tin	mg/l	0.019 $\pm$ 0.0011	0.01606 $\pm$ 0.000787	0.00209	84.4	-1.55
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00462 $\pm$ 0.000254	0.0007	99	-0.07
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.01886 $\pm$ 0.00264	0.00306	92.4	-0.29

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	9.965E-5 $\pm$ 0.000009	0.000038	78.9	-1.11

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0020

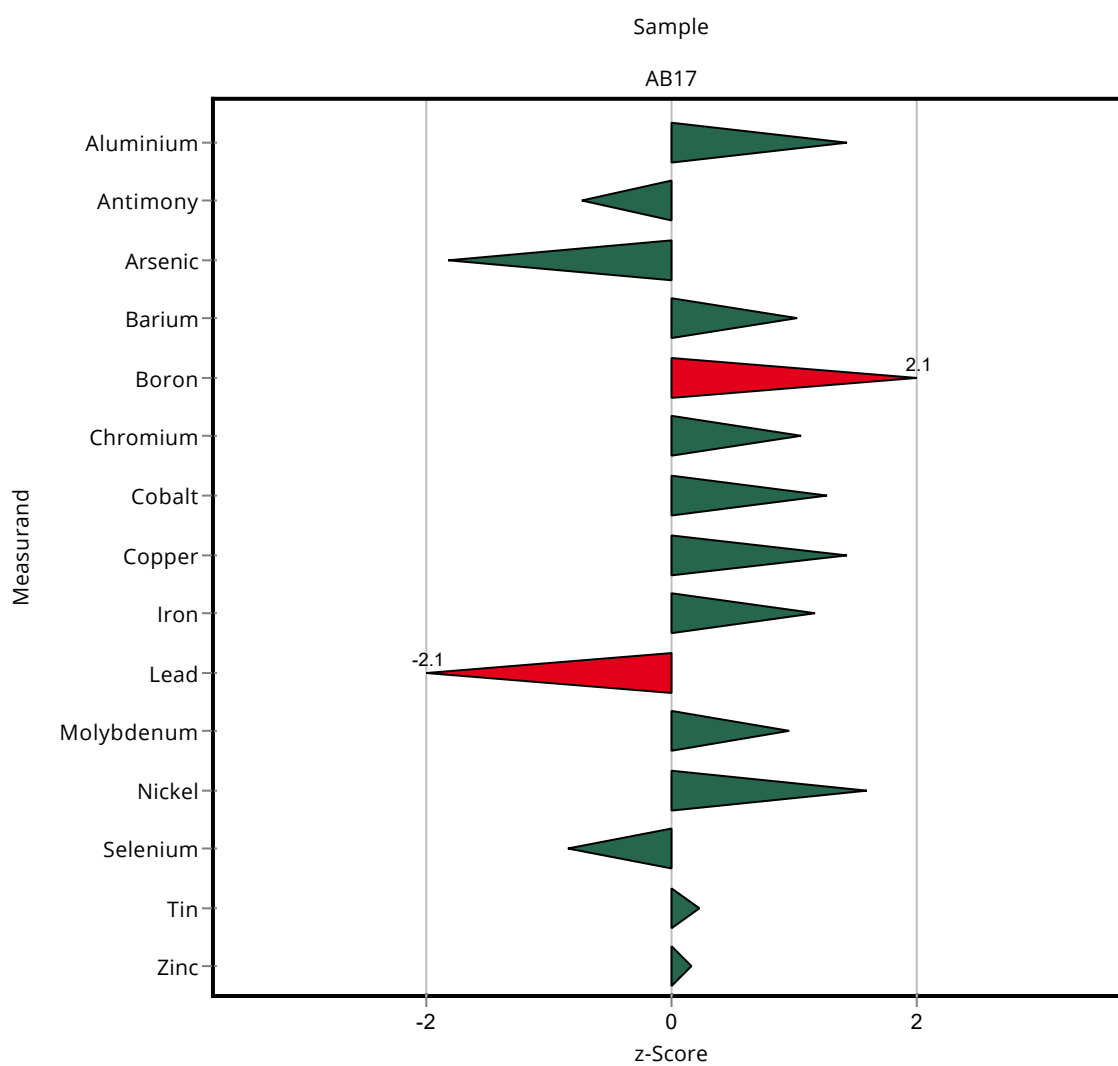


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.69 $\pm$ 0.0602	0.148	114	1.43
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0137 $\pm$ 0.0015	0.00148	92.6	-0.74
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00504 $\pm$ 0.001	0.000947	74.5	-1.82
Barium	mg/l	0.118 $\pm$ 0.0051	0.133 $\pm$ 0.0058	0.0142	112	1.03
Boron	mg/l	0.427 $\pm$ 0.0165	0.517 $\pm$ 0.1525	0.0427	121	2.12
Cadmium	mg/l	- $\pm$ -	<0.0015 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.394 $\pm$ 0.0158	0.0356	111	1.05
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0225 $\pm$ 0.0013	0.00251	117	1.27
Copper	mg/l	0.383 $\pm$ 0.0107	0.438 $\pm$ 0.0258	0.0383	114	1.44
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0766 $\pm$ 0.009	0.0109	120	1.17
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0128 $\pm$ 0.002	0.00207	74.2	-2.15
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.344 $\pm$ 0.0157	0.0314	110	0.96
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00977 $\pm$ 0.0013	0.000984	119	1.60
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0163 $\pm$ 0.0015	0.00198	90.7	-0.84
Silver	mg/l	0.00183 $\pm$ 0.000245	0.01 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	0.0195 $\pm$ 0.005	0.00209	102	0.22
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.007 (LOQ) $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0209 $\pm$ 0.003	0.00306	102	0.16

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	<0.00025 $\pm$ -	0.000038	-	-



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0021

Sample: AB17

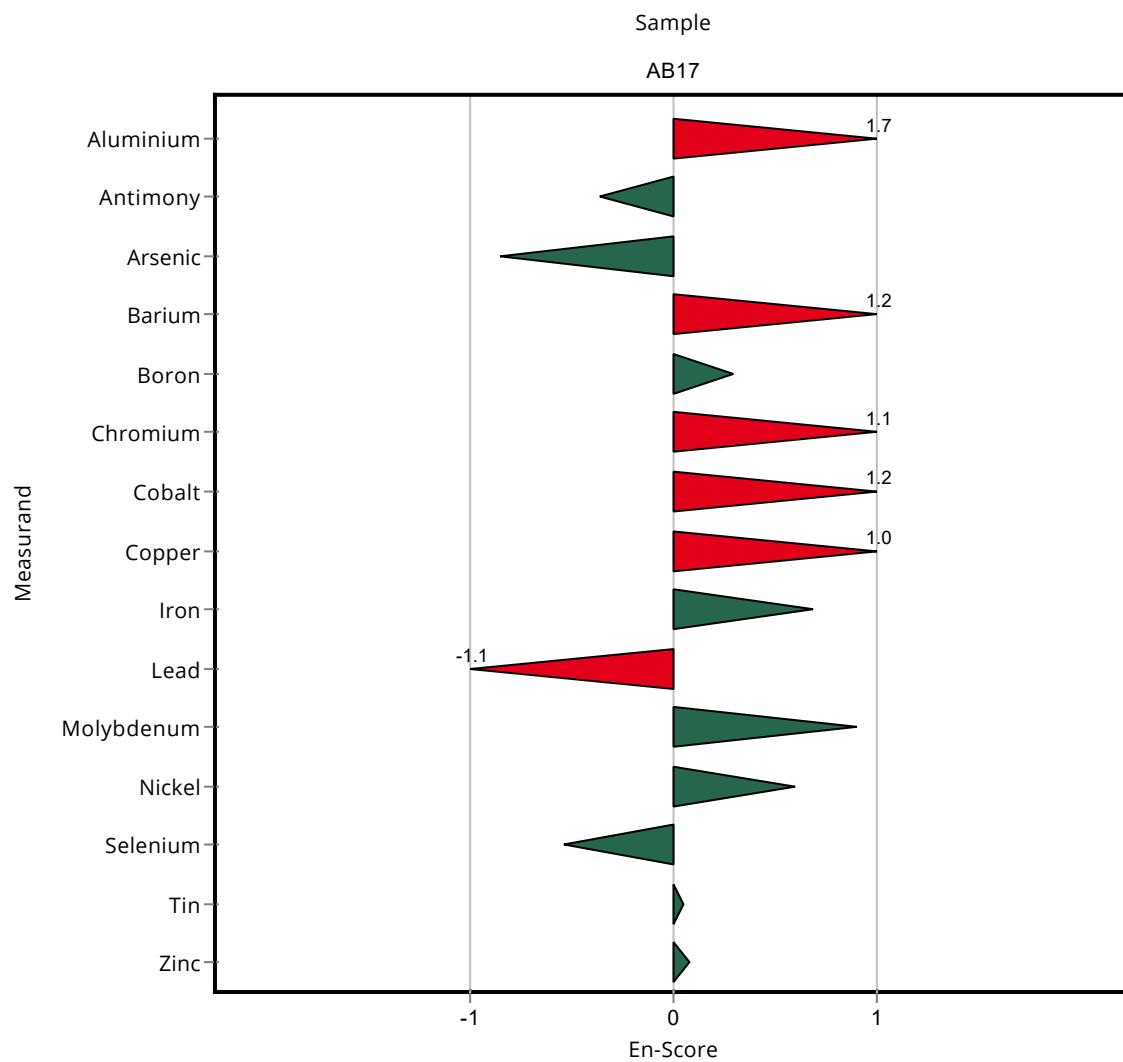
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.69 $\pm$ 0.0602	0.148	114	1.66
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0137 $\pm$ 0.0015	0.00148	92.6	-0.36
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00504 $\pm$ 0.001	0.000947	74.5	-0.85
Barium	mg/l	0.118 $\pm$ 0.0051	0.133 $\pm$ 0.0058	0.0142	112	1.15
Boron	mg/l	0.427 $\pm$ 0.0165	0.517 $\pm$ 0.1525	0.0427	121	0.30
Cadmium	mg/l	- $\pm$ -	<0.0015 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.394 $\pm$ 0.0158	0.0356	111	1.11
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0225 $\pm$ 0.0013	0.00251	117	1.15
Copper	mg/l	0.383 $\pm$ 0.0107	0.438 $\pm$ 0.0258	0.0383	114	1.04
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0766 $\pm$ 0.009	0.0109	120	0.69
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0128 $\pm$ 0.002	0.00207	74.2	-1.09
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.344 $\pm$ 0.0157	0.0314	110	0.90
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00977 $\pm$ 0.0013	0.000984	119	0.60
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0163 $\pm$ 0.0015	0.00198	90.7	-0.53
Silver	mg/l	0.00183 $\pm$ 0.000245	0.01 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	0.0195 $\pm$ 0.005	0.00209	102	0.05
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.007 (LOQ) $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0209 $\pm$ 0.003	0.00306	102	0.08

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	<0.00025 $\pm$ -	0.000038	-	-

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0021

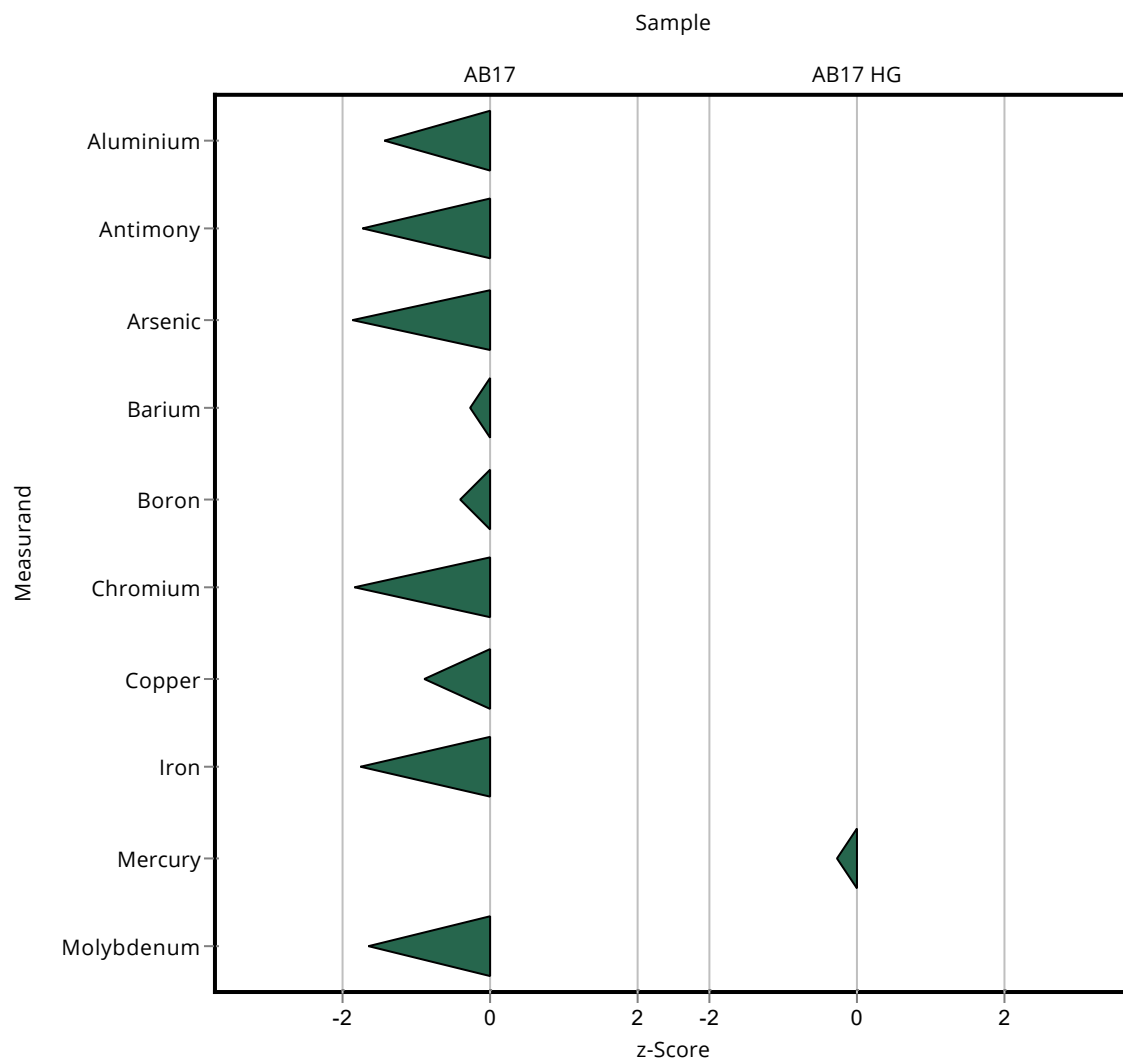


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.265 $\pm$ 0.127	0.148	85.6	-1.44
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.01224 $\pm$ 0.00367	0.00148	82.7	-1.73
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.004984 $\pm$ 0.00075	0.000947	73.6	-1.88
Barium	mg/l	0.118 $\pm$ 0.0051	0.1145 $\pm$ 0.0115	0.0142	96.7	-0.27
Boron	mg/l	0.427 $\pm$ 0.0165	0.4088 $\pm$ 0.04088	0.0427	95.8	-0.42
Cadmium	mg/l	- $\pm$ -	<0.001 (LOQ) $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.291 $\pm$ 0.0582	0.0356	81.6	-1.84
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.02 (LOQ) $\pm$ -	0.00251	-	-
Copper	mg/l	0.383 $\pm$ 0.0107	0.349 $\pm$ 0.0698	0.0383	91.1	-0.89
Iron	mg/l	0.0639 $\pm$ 0.00415	0.04475 $\pm$ 0.0067	0.0109	70	-1.76
Lead	mg/l	0.0172 $\pm$ 0.000835	0.02 (LOQ) $\pm$ -	0.00207	-	-
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.26225 $\pm$ 0.05245	0.0314	83.5	-1.65
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.02 (LOQ) $\pm$ -	0.000984	-	-
Selenium	mg/l	0.018 $\pm$ 0.000822	0.01 (LOQ) $\pm$ -	0.00198	-	-
Silver	mg/l	0.00183 $\pm$ 0.000245	0.02 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	<0.02 (LOQ) $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	- $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	<0.02 (LOQ) $\pm$ -	0.00306	-	-

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000116 $\pm$ 0.000023	0.000038	91.8	-0.27



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0022

Sample: AB17

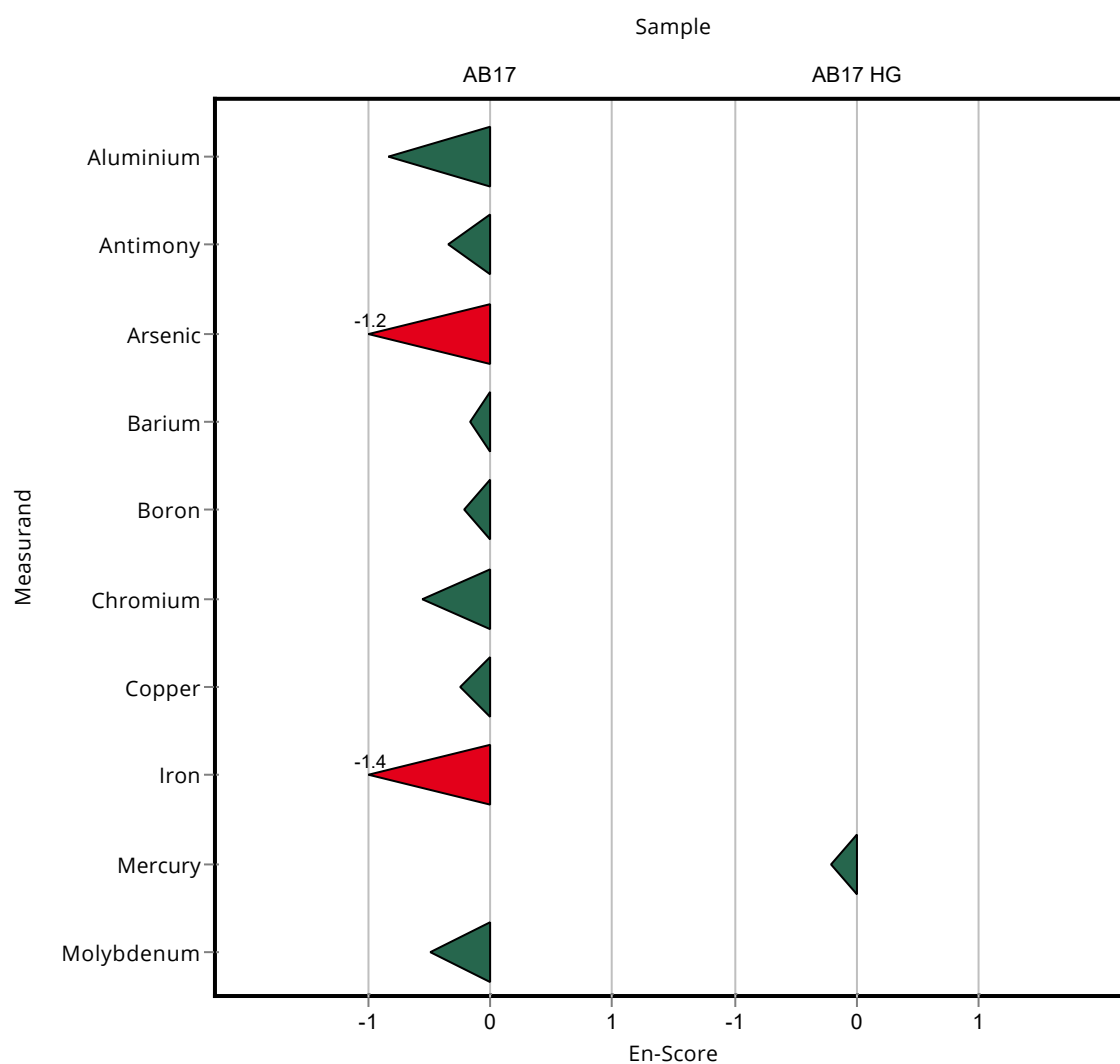
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.265 $\pm$ 0.127	0.148	85.6	-0.83
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.01224 $\pm$ 0.00367	0.00148	82.7	-0.35
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.004984 $\pm$ 0.00075	0.000947	73.6	-1.15
Barium	mg/l	0.118 $\pm$ 0.0051	0.1145 $\pm$ 0.0115	0.0142	96.7	-0.17
Boron	mg/l	0.427 $\pm$ 0.0165	0.4088 $\pm$ 0.04088	0.0427	95.8	-0.21
Cadmium	mg/l	- $\pm$ -	<0.001 (LOQ) $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.291 $\pm$ 0.0582	0.0356	81.6	-0.56
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.02 (LOQ) $\pm$ -	0.00251	-	-
Copper	mg/l	0.383 $\pm$ 0.0107	0.349 $\pm$ 0.0698	0.0383	91.1	-0.24
Iron	mg/l	0.0639 $\pm$ 0.00415	0.04475 $\pm$ 0.0067	0.0109	70	-1.36
Lead	mg/l	0.0172 $\pm$ 0.000835	0.02 (LOQ) $\pm$ -	0.00207	-	-
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.26225 $\pm$ 0.05245	0.0314	83.5	-0.49
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.02 (LOQ) $\pm$ -	0.000984	-	-
Selenium	mg/l	0.018 $\pm$ 0.000822	0.01 (LOQ) $\pm$ -	0.00198	-	-
Silver	mg/l	0.00183 $\pm$ 0.000245	0.02 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	<0.02 (LOQ) $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	- $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	<0.02 (LOQ) $\pm$ -	0.00306	-	-

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000116 $\pm$ 0.000023	0.000038	91.8	-0.21

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0022

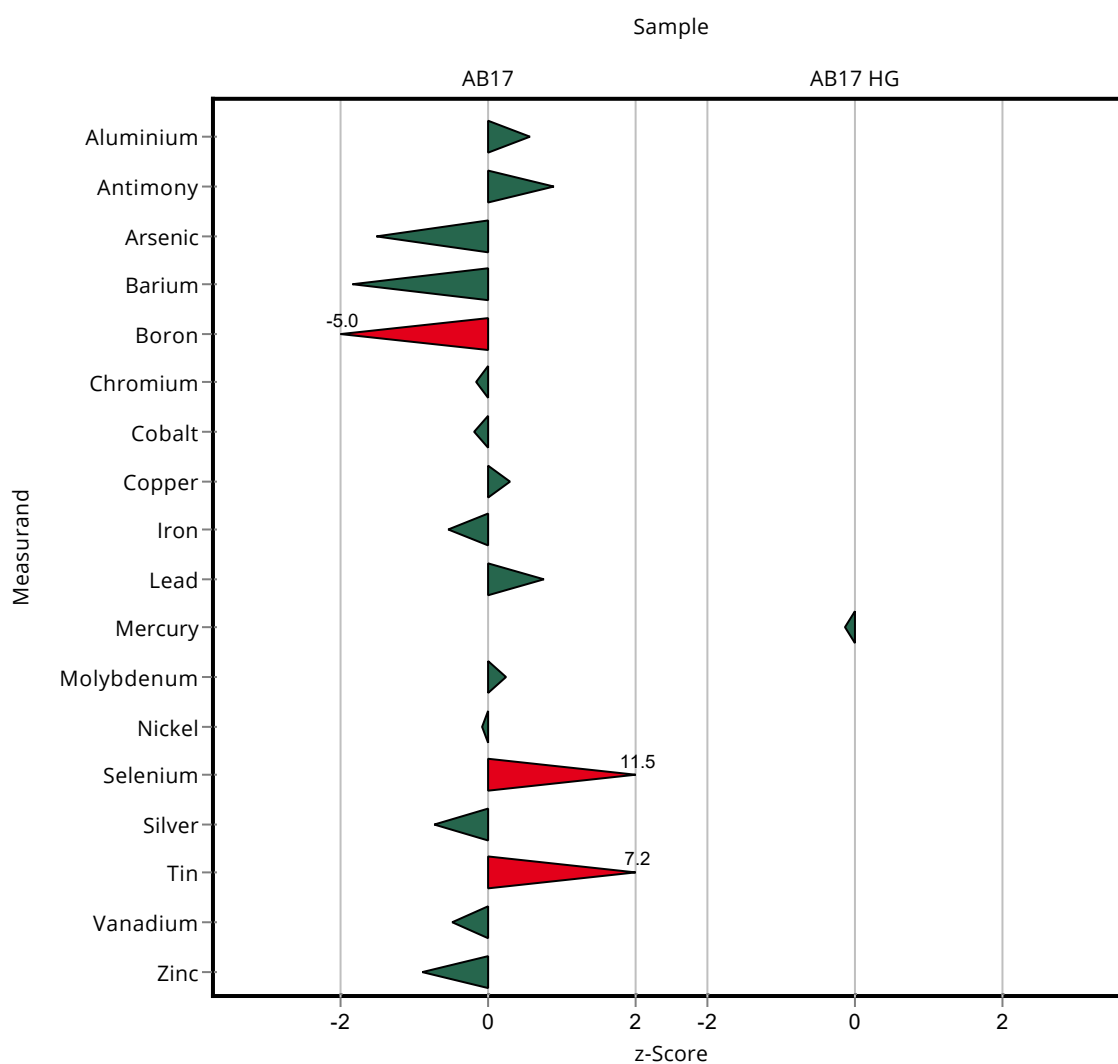


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.563 $\pm$ 0.25	0.148	106	0.57
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0161 $\pm$ 0.002	0.00148	109	0.88
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00532 $\pm$ 0.0008	0.000947	78.6	-1.53
Barium	mg/l	0.118 $\pm$ 0.0051	0.09195 $\pm$ 0.03	0.0142	77.7	-1.86
Boron	mg/l	0.427 $\pm$ 0.0165	0.2123 $\pm$ 0.029	0.0427	49.8	-5.02
Cadmium	mg/l	- $\pm$ -	0.0007048 $\pm$ 0.0001	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.3502 $\pm$ 0.06	0.0356	98.3	-0.17
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.01881 $\pm$ 0.005	0.00251	97.4	-0.20
Copper	mg/l	0.383 $\pm$ 0.0107	0.3948 $\pm$ 0.07	0.0383	103	0.31
Iron	mg/l	0.0639 $\pm$ 0.00415	0.05806 $\pm$ 0.01	0.0109	90.9	-0.54
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0188 $\pm$ 0.003	0.00207	109	0.75
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.322 $\pm$ 0.06	0.0314	103	0.26
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.008112 $\pm$ 0.002	0.000984	99	-0.09
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0406 $\pm$ 0.006	0.00198	226	11.46
Silver	mg/l	0.00183 $\pm$ 0.000245	0.001461 $\pm$ 0.0004	0.000493	80	-0.74
Tin	mg/l	0.019 $\pm$ 0.0011	0.0342 $\pm$ 0.004	0.00209	180	7.25
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.004322 $\pm$ 0.001	0.0007	92.6	-0.49
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.01769 $\pm$ 0.006	0.00306	86.6	-0.89

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.0001214 $\pm$ 0.00002	0.000038	96.1	-0.13



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0023

Sample: AB17

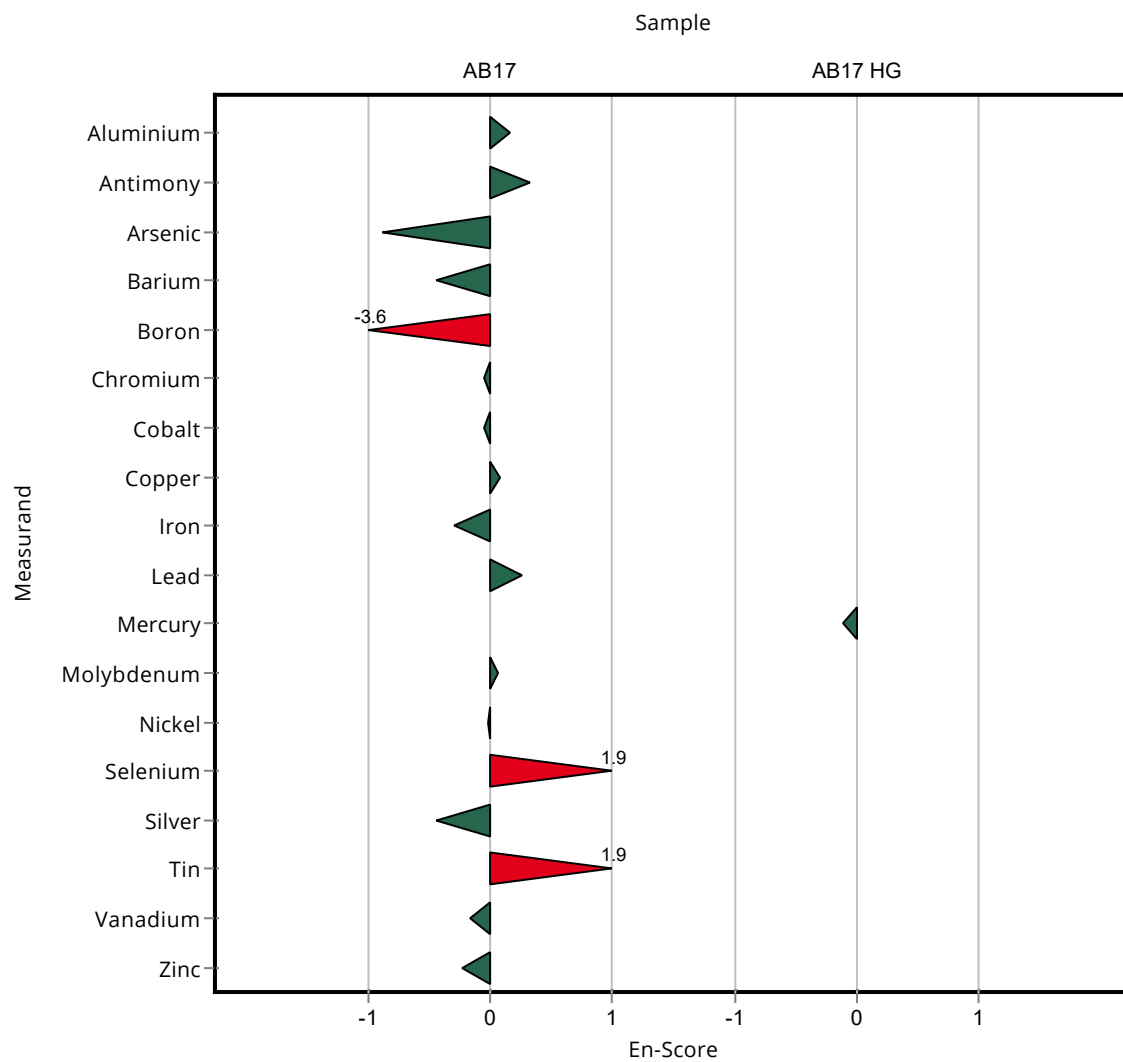
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.563 $\pm$ 0.25	0.148	106	0.17
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0161 $\pm$ 0.002	0.00148	109	0.32
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00532 $\pm$ 0.0008	0.000947	78.6	-0.88
Barium	mg/l	0.118 $\pm$ 0.0051	0.09195 $\pm$ 0.03	0.0142	77.7	-0.44
Boron	mg/l	0.427 $\pm$ 0.0165	0.2123 $\pm$ 0.029	0.0427	49.8	-3.55
Cadmium	mg/l	- $\pm$ -	0.0007048 $\pm$ 0.0001	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.3502 $\pm$ 0.06	0.0356	98.3	-0.05
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.01881 $\pm$ 0.005	0.00251	97.4	-0.05
Copper	mg/l	0.383 $\pm$ 0.0107	0.3948 $\pm$ 0.07	0.0383	103	0.08
Iron	mg/l	0.0639 $\pm$ 0.00415	0.05806 $\pm$ 0.01	0.0109	90.9	-0.29
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0188 $\pm$ 0.003	0.00207	109	0.26
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.322 $\pm$ 0.06	0.0314	103	0.07
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.008112 $\pm$ 0.002	0.000984	99	-0.02
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0406 $\pm$ 0.006	0.00198	226	1.88
Silver	mg/l	0.00183 $\pm$ 0.000245	0.001461 $\pm$ 0.0004	0.000493	80	-0.44
Tin	mg/l	0.019 $\pm$ 0.0011	0.0342 $\pm$ 0.004	0.00209	180	1.88
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.004322 $\pm$ 0.001	0.0007	92.6	-0.17
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.01769 $\pm$ 0.006	0.00306	86.6	-0.23

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.0001214 $\pm$ 0.00002	0.000038	96.1	-0.12

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0023

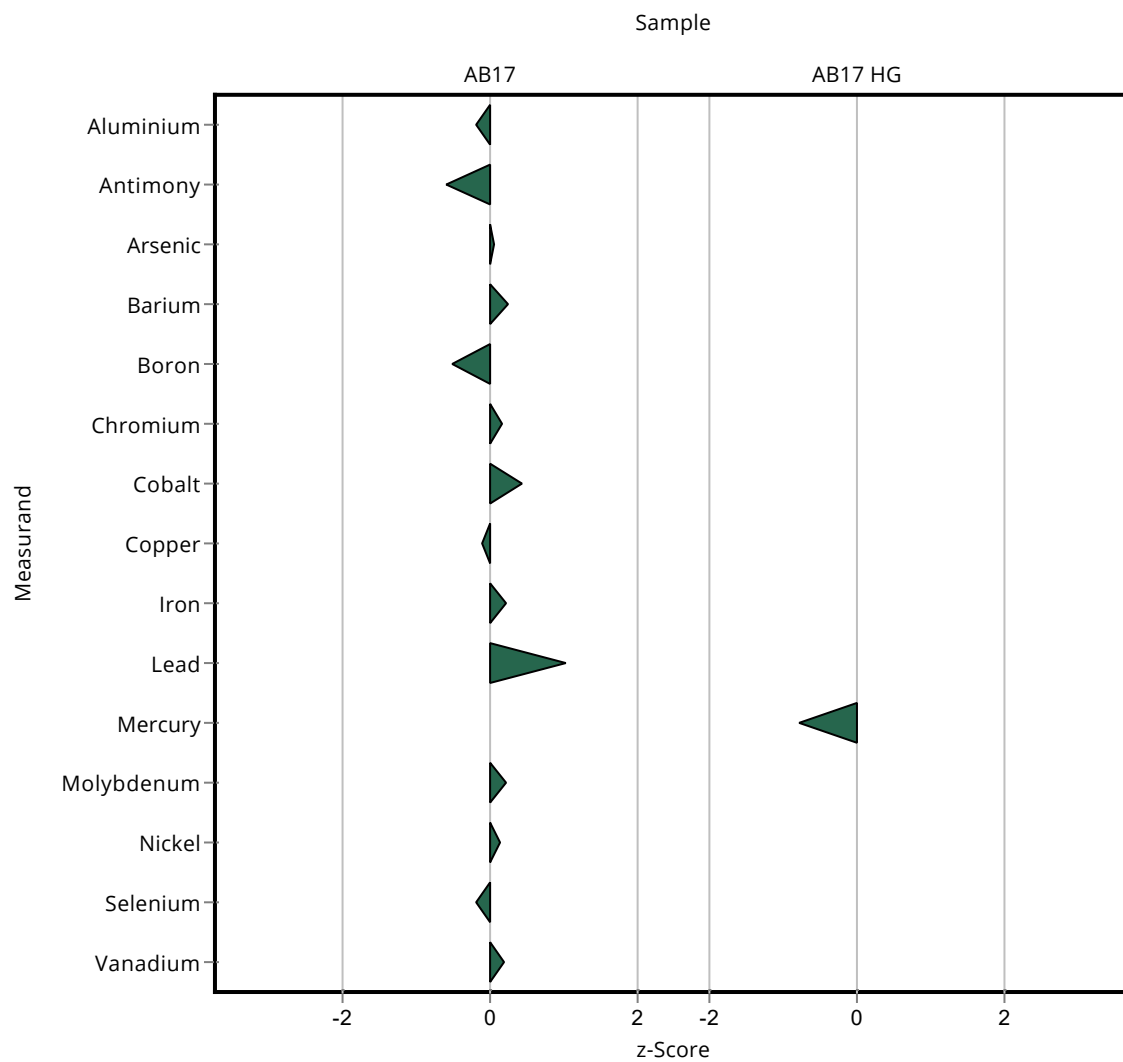


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.45 $\pm$ 0.2	0.148	98.1	-0.19
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0139 $\pm$ 0.0021	0.00148	94	-0.60
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00682 $\pm$ 0.00056	0.000947	101	0.06
Barium	mg/l	0.118 $\pm$ 0.0051	0.122 $\pm$ 0.02	0.0142	103	0.25
Boron	mg/l	0.427 $\pm$ 0.0165	0.405 $\pm$ 0.12	0.0427	94.9	-0.51
Cadmium	mg/l	- $\pm$ -	<0.0005 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.362 $\pm$ 0.047	0.0356	102	0.16
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0204 $\pm$ 0.002	0.00251	106	0.43
Copper	mg/l	0.383 $\pm$ 0.0107	0.379 $\pm$ 0.07	0.0383	99	-0.10
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0663 $\pm$ 0.014	0.0109	104	0.22
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0194 $\pm$ 0.0028	0.00207	112	1.04
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.321 $\pm$ 0.075	0.0314	102	0.22
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00833 $\pm$ 0.0017	0.000984	102	0.13
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0176 $\pm$ 0.0028	0.00198	98	-0.18
Silver	mg/l	0.00183 $\pm$ 0.000245	0.01 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	<0.02 (LOQ) $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.0048 $\pm$ 0.00097	0.0007	103	0.19
Zinc	mg/l	0.0204 $\pm$ 0.00118	<0.05 (LOQ) $\pm$ -	0.00306	-	-

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	9.63E-5 $\pm$ 0.00002	0.000038	76.2	-0.79



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0024

Sample: AB17

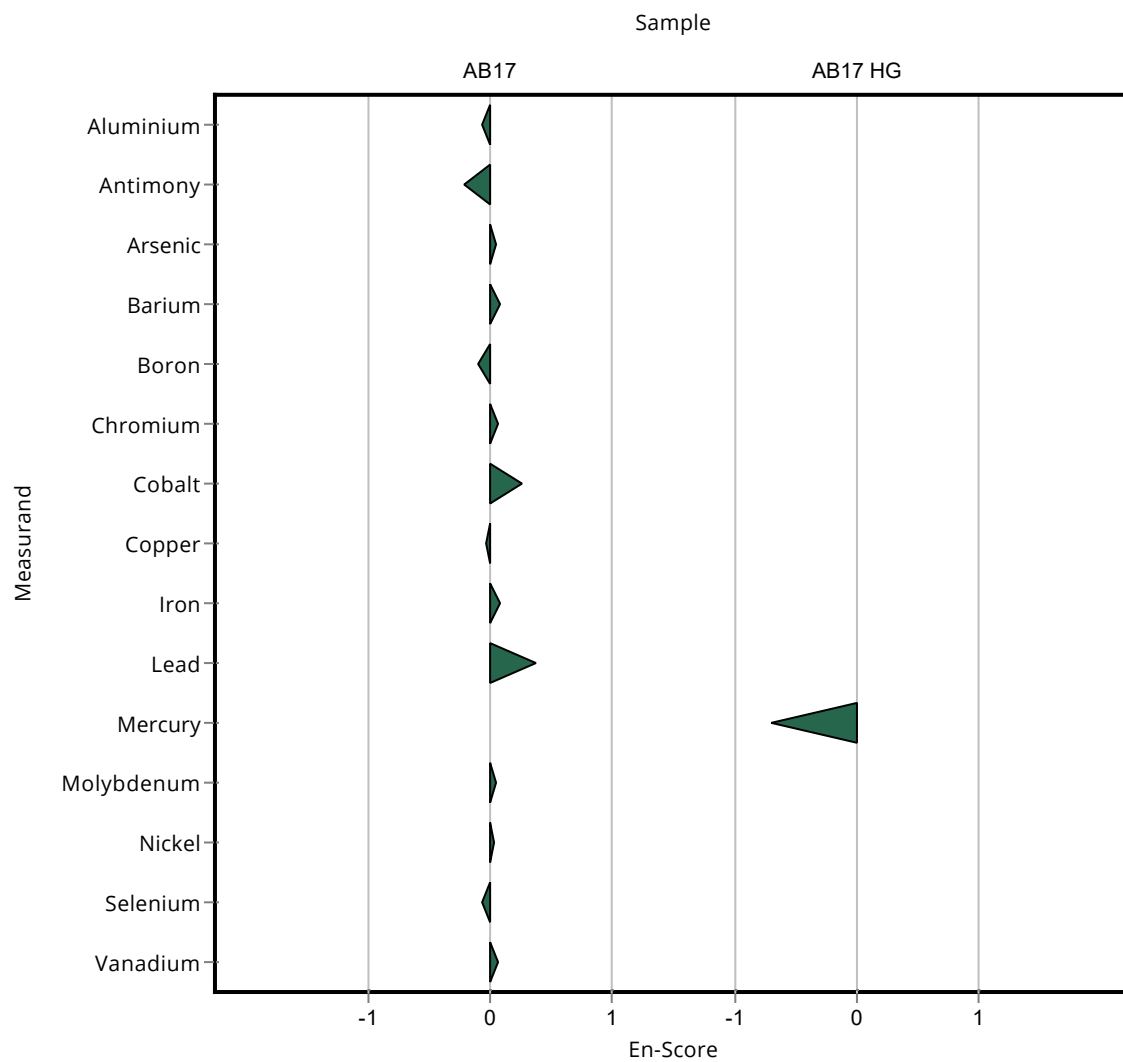
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.45 $\pm$ 0.2	0.148	98.1	-0.07
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0139 $\pm$ 0.0021	0.00148	94	-0.21
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00682 $\pm$ 0.00056	0.000947	101	0.04
Barium	mg/l	0.118 $\pm$ 0.0051	0.122 $\pm$ 0.02	0.0142	103	0.09
Boron	mg/l	0.427 $\pm$ 0.0165	0.405 $\pm$ 0.12	0.0427	94.9	-0.09
Cadmium	mg/l	- $\pm$ -	<0.0005 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.362 $\pm$ 0.047	0.0356	102	0.06
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0204 $\pm$ 0.002	0.00251	106	0.27
Copper	mg/l	0.383 $\pm$ 0.0107	0.379 $\pm$ 0.07	0.0383	99	-0.03
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0663 $\pm$ 0.014	0.0109	104	0.08
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0194 $\pm$ 0.0028	0.00207	112	0.38
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.321 $\pm$ 0.075	0.0314	102	0.05
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00833 $\pm$ 0.0017	0.000984	102	0.04
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0176 $\pm$ 0.0028	0.00198	98	-0.06
Silver	mg/l	0.00183 $\pm$ 0.000245	0.01 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	<0.02 (LOQ) $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.0048 $\pm$ 0.00097	0.0007	103	0.07
Zinc	mg/l	0.0204 $\pm$ 0.00118	<0.05 (LOQ) $\pm$ -	0.00306	-	-

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	9.63E-5 $\pm$ 0.00002	0.000038	76.2	-0.70

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0024

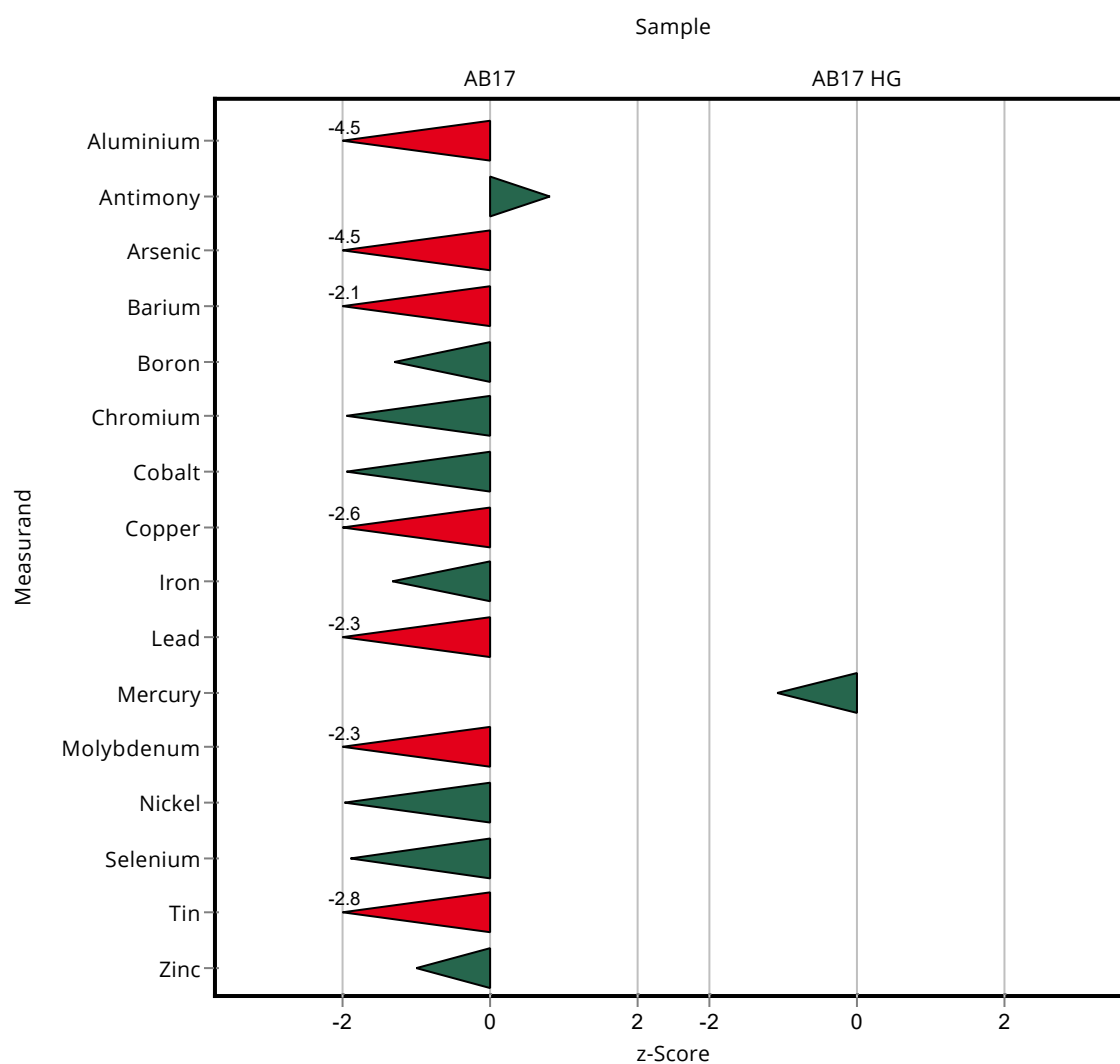


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	0.81 $\pm$ 0.162	0.148	54.8	-4.52
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.016 $\pm$ 0.0032	0.00148	108	0.82
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00248 $\pm$ 0.0005	0.000947	36.6	-4.53
Barium	mg/l	0.118 $\pm$ 0.0051	0.0892 $\pm$ 0.0178	0.0142	75.3	-2.05
Boron	mg/l	0.427 $\pm$ 0.0165	0.371 $\pm$ 0.074	0.0427	87	-1.30
Cadmium	mg/l	- $\pm$ -	<0.0002 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.287 $\pm$ 0.057	0.0356	80.5	-1.95
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0144 $\pm$ 0.0029	0.00251	74.6	-1.96
Copper	mg/l	0.383 $\pm$ 0.0107	0.283 $\pm$ 0.057	0.0383	73.9	-2.61
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0495 $\pm$ 0.0099	0.0109	77.5	-1.33
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0125 $\pm$ 0.0025	0.00207	72.5	-2.29
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.241 $\pm$ 0.048	0.0314	76.8	-2.32
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00624 $\pm$ 0.00125	0.000984	76.1	-1.99
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0142 $\pm$ 0.0028	0.00198	79.1	-1.90
Silver	mg/l	0.00183 $\pm$ 0.000245	0.005 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	0.0131 $\pm$ 0.0026	0.00209	68.8	-2.83
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.01 (LOQ) $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0173 $\pm$ 0.0035	0.00306	84.7	-1.02

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	8.53E-5 $\pm$ 0.000017	0.000038	67.5	-1.08



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0025

Sample: AB17

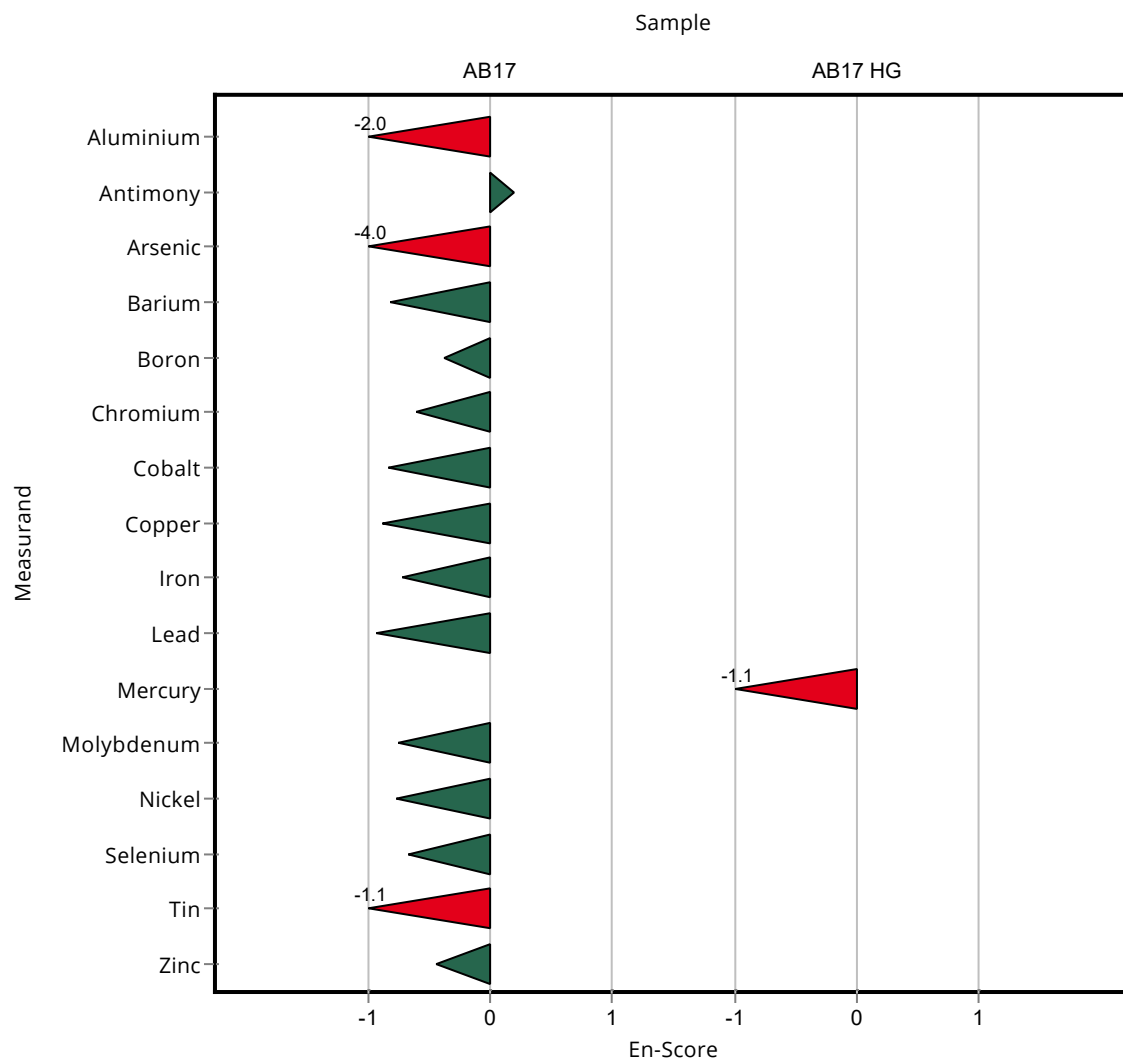
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	0.81 $\pm$ 0.162	0.148	54.8	-2.04
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.016 $\pm$ 0.0032	0.00148	108	0.19
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00248 $\pm$ 0.0005	0.000947	36.6	-4.01
Barium	mg/l	0.118 $\pm$ 0.0051	0.0892 $\pm$ 0.0178	0.0142	75.3	-0.81
Boron	mg/l	0.427 $\pm$ 0.0165	0.371 $\pm$ 0.074	0.0427	87	-0.37
Cadmium	mg/l	- $\pm$ -	<0.0002 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.287 $\pm$ 0.057	0.0356	80.5	-0.61
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0144 $\pm$ 0.0029	0.00251	74.6	-0.84
Copper	mg/l	0.383 $\pm$ 0.0107	0.283 $\pm$ 0.057	0.0383	73.9	-0.87
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0495 $\pm$ 0.0099	0.0109	77.5	-0.71
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0125 $\pm$ 0.0025	0.00207	72.5	-0.94
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.241 $\pm$ 0.048	0.0314	76.8	-0.75
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00624 $\pm$ 0.00125	0.000984	76.1	-0.77
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0142 $\pm$ 0.0028	0.00198	79.1	-0.66
Silver	mg/l	0.00183 $\pm$ 0.000245	0.005 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	0.0131 $\pm$ 0.0026	0.00209	68.8	-1.12
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.01 (LOQ) $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0173 $\pm$ 0.0035	0.00306	84.7	-0.44

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	8.53E-5 $\pm$ 0.000017	0.000038	67.5	-1.10

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0025

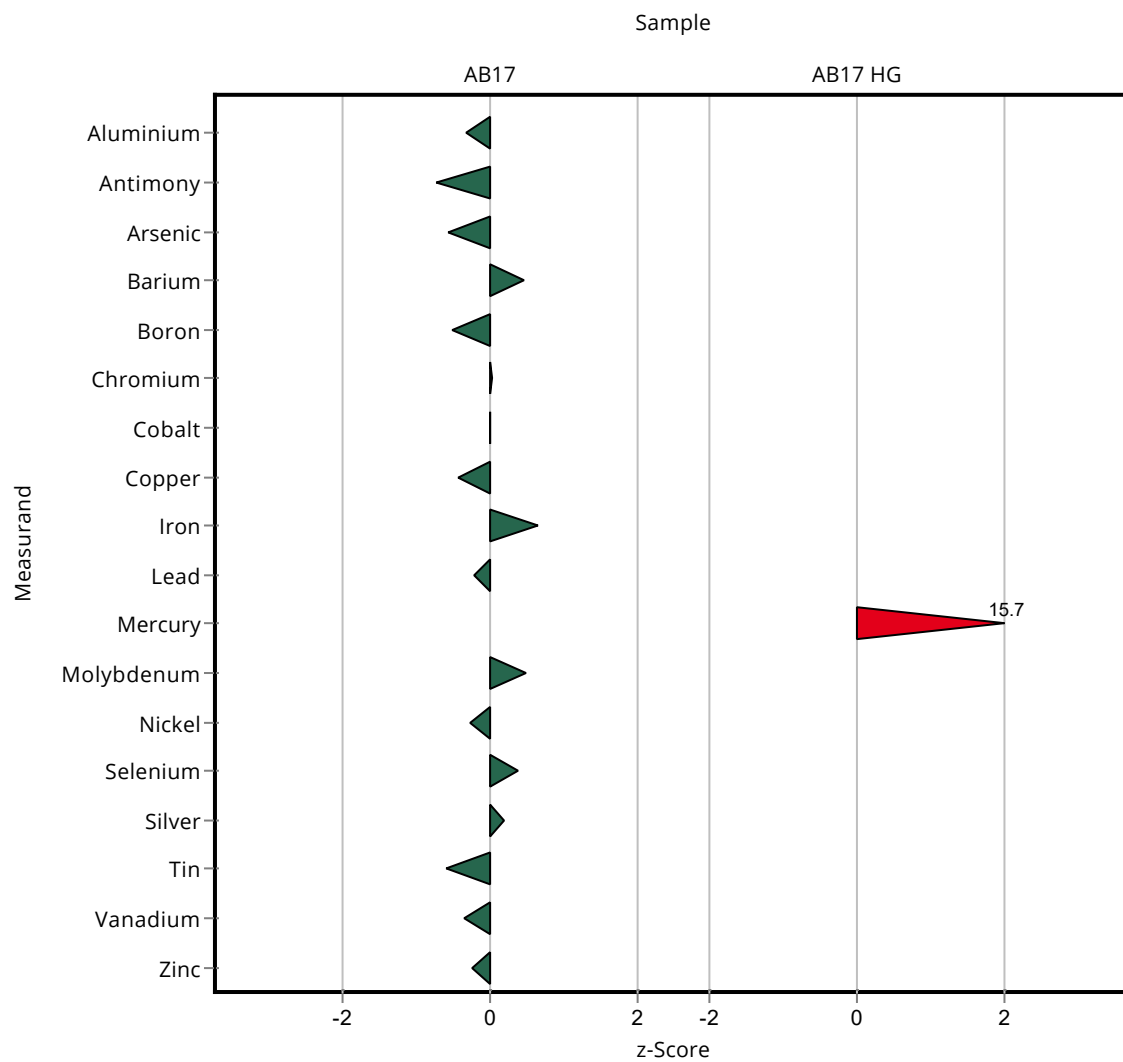


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.428 $\pm$ 0.14	0.148	96.6	-0.34
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0137 $\pm$ 0.0014	0.00148	92.6	-0.74
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00623 $\pm$ 0.0006	0.000947	92.1	-0.57
Barium	mg/l	0.118 $\pm$ 0.0051	0.125 $\pm$ 0.0125	0.0142	106	0.47
Boron	mg/l	0.427 $\pm$ 0.0165	0.404 $\pm$ 0.04	0.0427	94.7	-0.53
Cadmium	mg/l	- $\pm$ -	0.000133 $\pm$ 0.00001	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.357 $\pm$ 0.036	0.0356	100	0.02
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0193 $\pm$ 0.002	0.00251	99.9	0.00
Copper	mg/l	0.383 $\pm$ 0.0107	0.366 $\pm$ 0.037	0.0383	95.6	-0.44
Iron	mg/l	0.0639 $\pm$ 0.00415	0.071 $\pm$ 0.007	0.0109	111	0.65
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0168 $\pm$ 0.0017	0.00207	97.4	-0.22
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.329 $\pm$ 0.033	0.0314	105	0.48
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00793 $\pm$ 0.0008	0.000984	96.7	-0.27
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0187 $\pm$ 0.0019	0.00198	104	0.37
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00192 $\pm$ 0.0002	0.000493	105	0.19
Tin	mg/l	0.019 $\pm$ 0.0011	0.0178 $\pm$ 0.0018	0.00209	93.5	-0.59
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00441 $\pm$ 0.00044	0.0007	94.5	-0.36
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0197 $\pm$ 0.002	0.00306	96.5	-0.23

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00072 $\pm$ 0.00007	0.000038	570	15.66



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0026

Sample: AB17

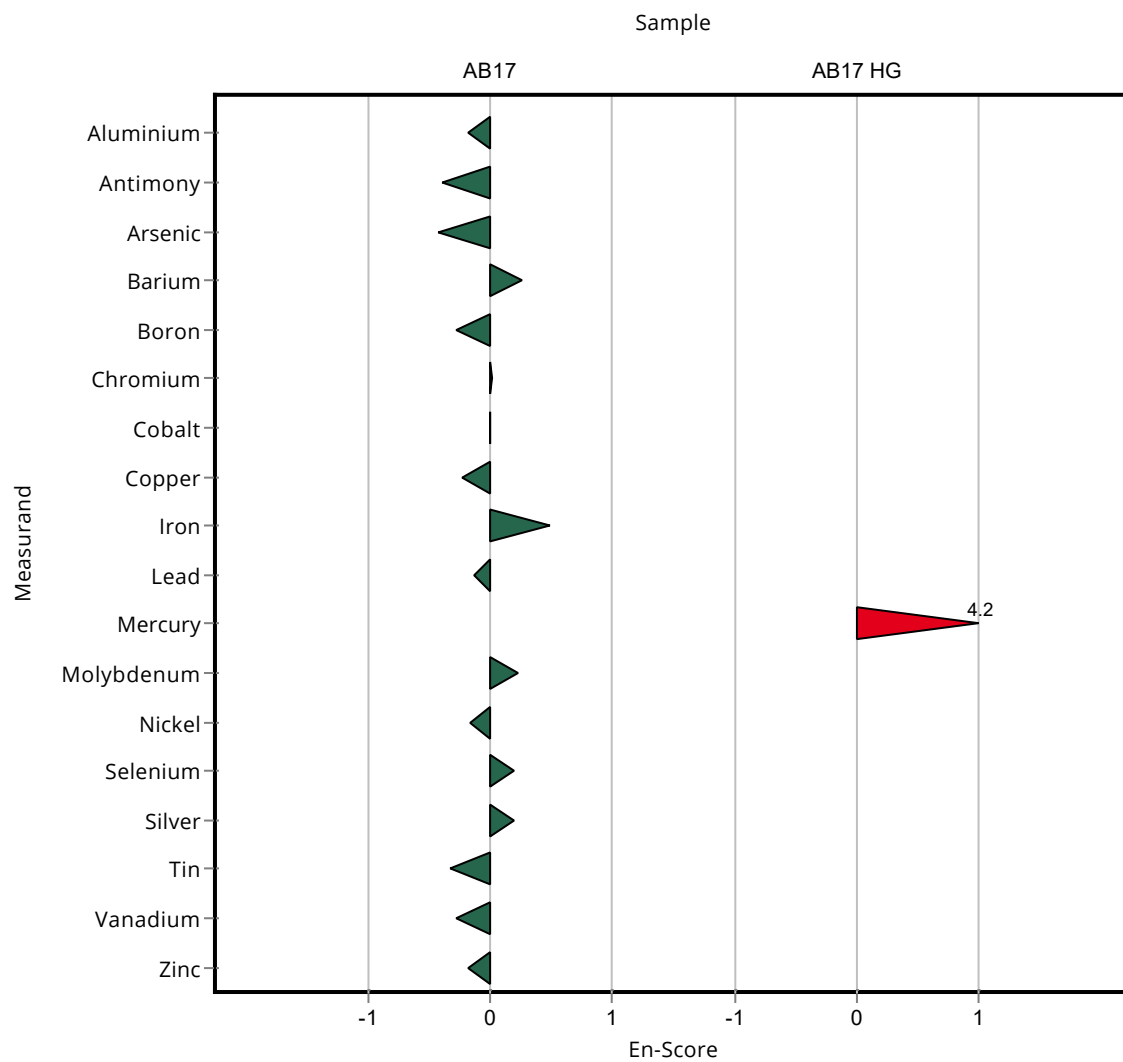
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.428 $\pm$ 0.14	0.148	96.6	-0.18
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0137 $\pm$ 0.0014	0.00148	92.6	-0.39
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00623 $\pm$ 0.0006	0.000947	92.1	-0.43
Barium	mg/l	0.118 $\pm$ 0.0051	0.125 $\pm$ 0.0125	0.0142	106	0.26
Boron	mg/l	0.427 $\pm$ 0.0165	0.404 $\pm$ 0.04	0.0427	94.7	-0.28
Cadmium	mg/l	- $\pm$ -	0.000133 $\pm$ 0.00001	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.357 $\pm$ 0.036	0.0356	100	0.01
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0193 $\pm$ 0.002	0.00251	99.9	0.00
Copper	mg/l	0.383 $\pm$ 0.0107	0.366 $\pm$ 0.037	0.0383	95.6	-0.23
Iron	mg/l	0.0639 $\pm$ 0.00415	0.071 $\pm$ 0.007	0.0109	111	0.49
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0168 $\pm$ 0.0017	0.00207	97.4	-0.13
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.329 $\pm$ 0.033	0.0314	105	0.22
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00793 $\pm$ 0.0008	0.000984	96.7	-0.16
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0187 $\pm$ 0.0019	0.00198	104	0.19
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00192 $\pm$ 0.0002	0.000493	105	0.20
Tin	mg/l	0.019 $\pm$ 0.0011	0.0178 $\pm$ 0.0018	0.00209	93.5	-0.33
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00441 $\pm$ 0.00044	0.0007	94.5	-0.27
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0197 $\pm$ 0.002	0.00306	96.5	-0.17

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.00072 $\pm$ 0.00007	0.000038	570	4.21

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0026

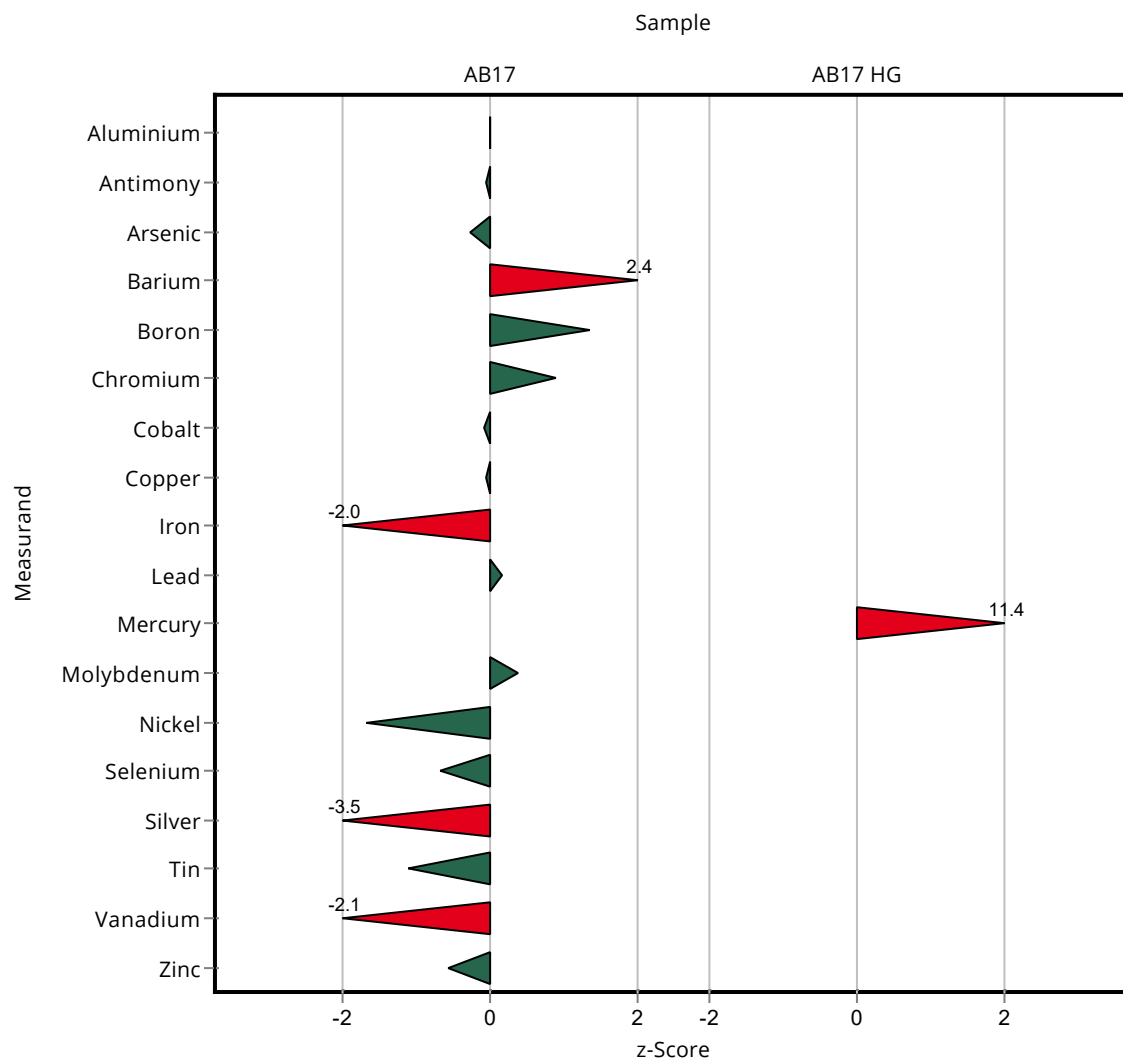


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.48 $\pm$ 0.296	0.148	100	0.01
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0147 $\pm$ 0.00559	0.00148	99.4	-0.06
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0065 $\pm$ 0.00228	0.000947	96	-0.28
Barium	mg/l	0.118 $\pm$ 0.0051	0.152 $\pm$ 0.0365	0.0142	128	2.37
Boron	mg/l	0.427 $\pm$ 0.0165	0.484 $\pm$ 0.116	0.0427	113	1.35
Cadmium	mg/l	- $\pm$ -	<0.0015 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.388 $\pm$ 0.136	0.0356	109	0.89
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0191 $\pm$ 0.00516	0.00251	98.9	-0.08
Copper	mg/l	0.383 $\pm$ 0.0107	0.381 $\pm$ 0.0876	0.0383	99.5	-0.05
Iron	mg/l	0.0639 $\pm$ 0.00415	0.042 $\pm$ 0.0105	0.0109	65.7	-2.02
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0176 $\pm$ 0.00264	0.00207	102	0.17
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.326 $\pm$ 0.0489	0.0314	104	0.38
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00655 $\pm$ 0.00177	0.000984	79.9	-1.67
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0166 $\pm$ 0.00382	0.00198	92.4	-0.69
Silver	mg/l	0.00183 $\pm$ 0.000245	8E-5 $\pm$ 0.00002	0.000493	4.38	-3.54
Tin	mg/l	0.019 $\pm$ 0.0011	0.0167 $\pm$ 0.00418	0.00209	87.7	-1.11
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00322 $\pm$ 0.000934	0.0007	69	-2.07
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0187 $\pm$ 0.00337	0.00306	91.6	-0.56

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000557 $\pm$ 0.000206	0.000038	441	11.36



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0027

Sample: AB17

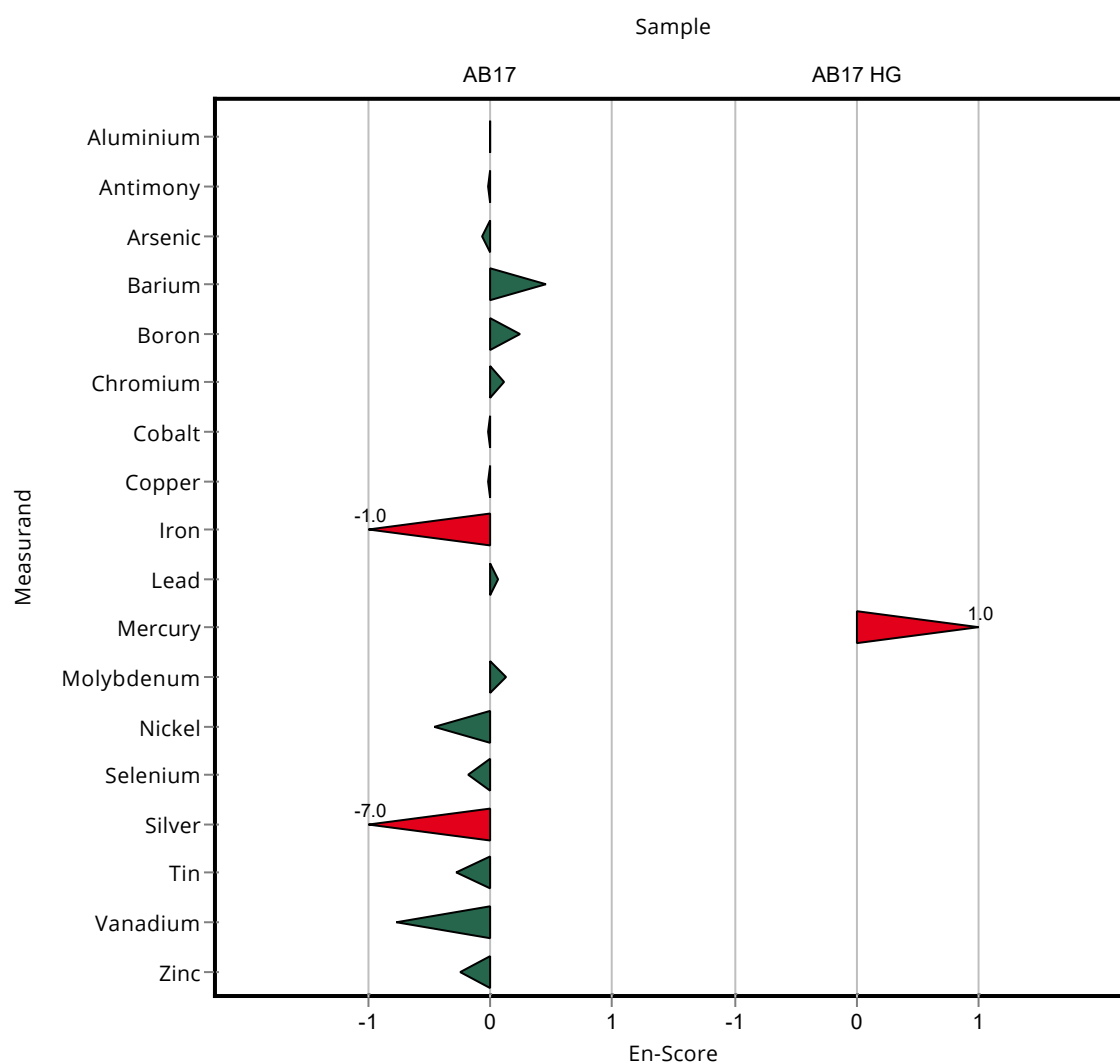
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.48 $\pm$ 0.296	0.148	100	0.00
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0147 $\pm$ 0.00559	0.00148	99.4	-0.01
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.0065 $\pm$ 0.00228	0.000947	96	-0.06
Barium	mg/l	0.118 $\pm$ 0.0051	0.152 $\pm$ 0.0365	0.0142	128	0.46
Boron	mg/l	0.427 $\pm$ 0.0165	0.484 $\pm$ 0.116	0.0427	113	0.25
Cadmium	mg/l	- $\pm$ -	<0.0015 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.388 $\pm$ 0.136	0.0356	109	0.12
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0191 $\pm$ 0.00516	0.00251	98.9	-0.02
Copper	mg/l	0.383 $\pm$ 0.0107	0.381 $\pm$ 0.0876	0.0383	99.5	-0.01
Iron	mg/l	0.0639 $\pm$ 0.00415	0.042 $\pm$ 0.0105	0.0109	65.7	-1.02
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0176 $\pm$ 0.00264	0.00207	102	0.07
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.326 $\pm$ 0.0489	0.0314	104	0.12
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00655 $\pm$ 0.00177	0.000984	79.9	-0.46
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0166 $\pm$ 0.00382	0.00198	92.4	-0.18
Silver	mg/l	0.00183 $\pm$ 0.000245	8E-5 $\pm$ 0.00002	0.000493	4.38	-7.03
Tin	mg/l	0.019 $\pm$ 0.0011	0.0167 $\pm$ 0.00418	0.00209	87.7	-0.28
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00322 $\pm$ 0.000934	0.0007	69	-0.76
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0187 $\pm$ 0.00337	0.00306	91.6	-0.25

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000557 $\pm$ 0.000206	0.000038	441	1.04

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0027

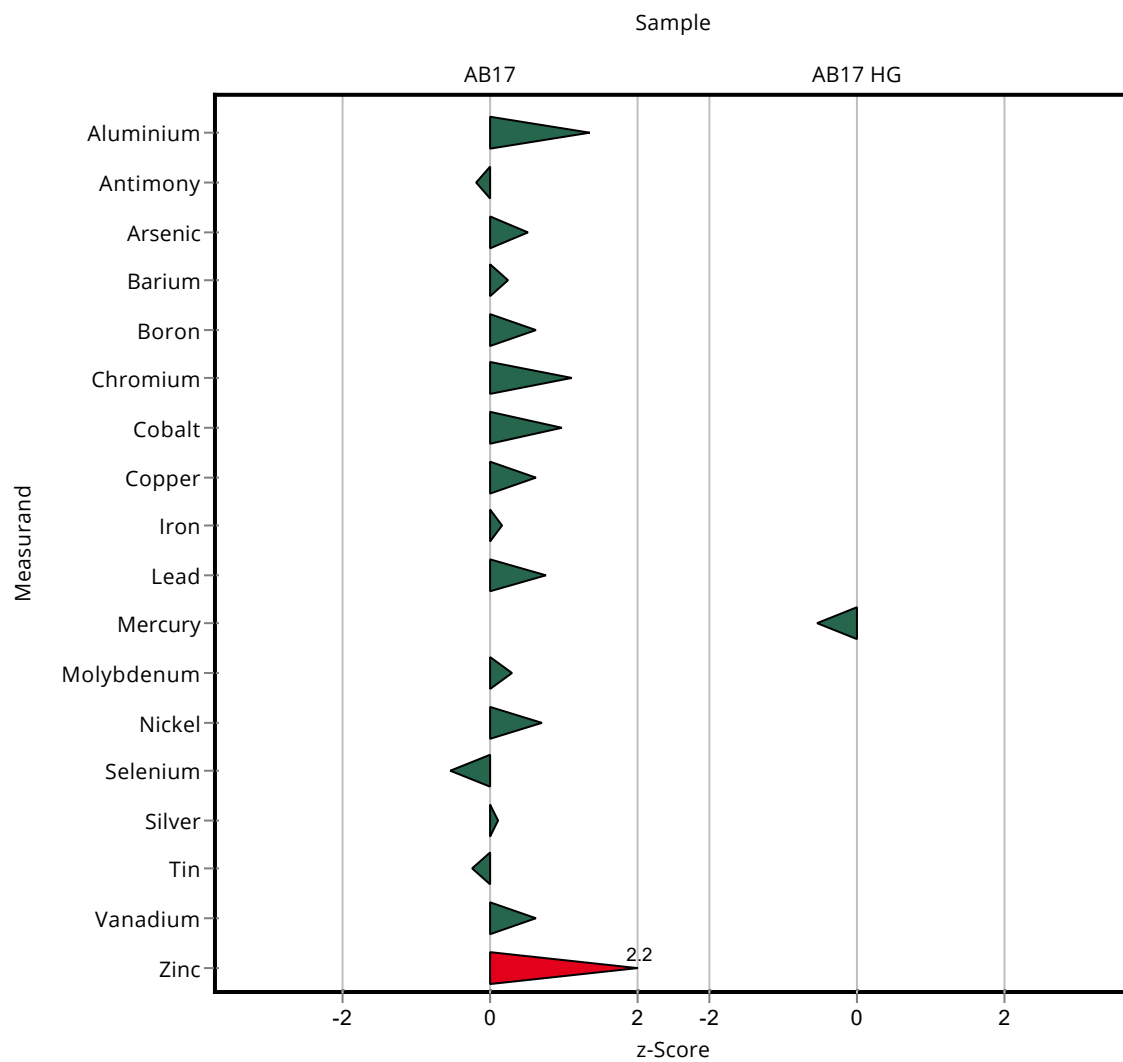


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.68 $\pm$ 0.255	0.148	114	1.37
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0145 $\pm$ 0.004	0.00148	98	-0.20
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00725 $\pm$ 0.0024	0.000947	107	0.51
Barium	mg/l	0.118 $\pm$ 0.0051	0.122 $\pm$ 0.037	0.0142	103	0.25
Boron	mg/l	0.427 $\pm$ 0.0165	0.453 $\pm$ 0.093	0.0427	106	0.62
Cadmium	mg/l	- $\pm$ -	0.000161 $\pm$ 0.000048	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.396 $\pm$ 0.12	0.0356	111	1.11
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0218 $\pm$ 0.004	0.00251	113	0.99
Copper	mg/l	0.383 $\pm$ 0.0107	0.407 $\pm$ 0.12	0.0383	106	0.63
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0658 $\pm$ 0.026	0.0109	103	0.18
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0188 $\pm$ 0.005	0.00207	109	0.75
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.323 $\pm$ 0.1	0.0314	103	0.29
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00888 $\pm$ 0.003	0.000984	108	0.69
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0169 $\pm$ 0.005	0.00198	94.1	-0.54
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00188 $\pm$ 0.0005	0.000493	103	0.11
Tin	mg/l	0.019 $\pm$ 0.0011	0.0185 $\pm$ 0.004	0.00209	97.2	-0.25
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00511 $\pm$ 0.001	0.0007	110	0.64
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0272 $\pm$ 0.009	0.00306	133	2.22

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000106 $\pm$ 0.00003	0.000038	83.9	-0.54



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0028

Sample: AB17

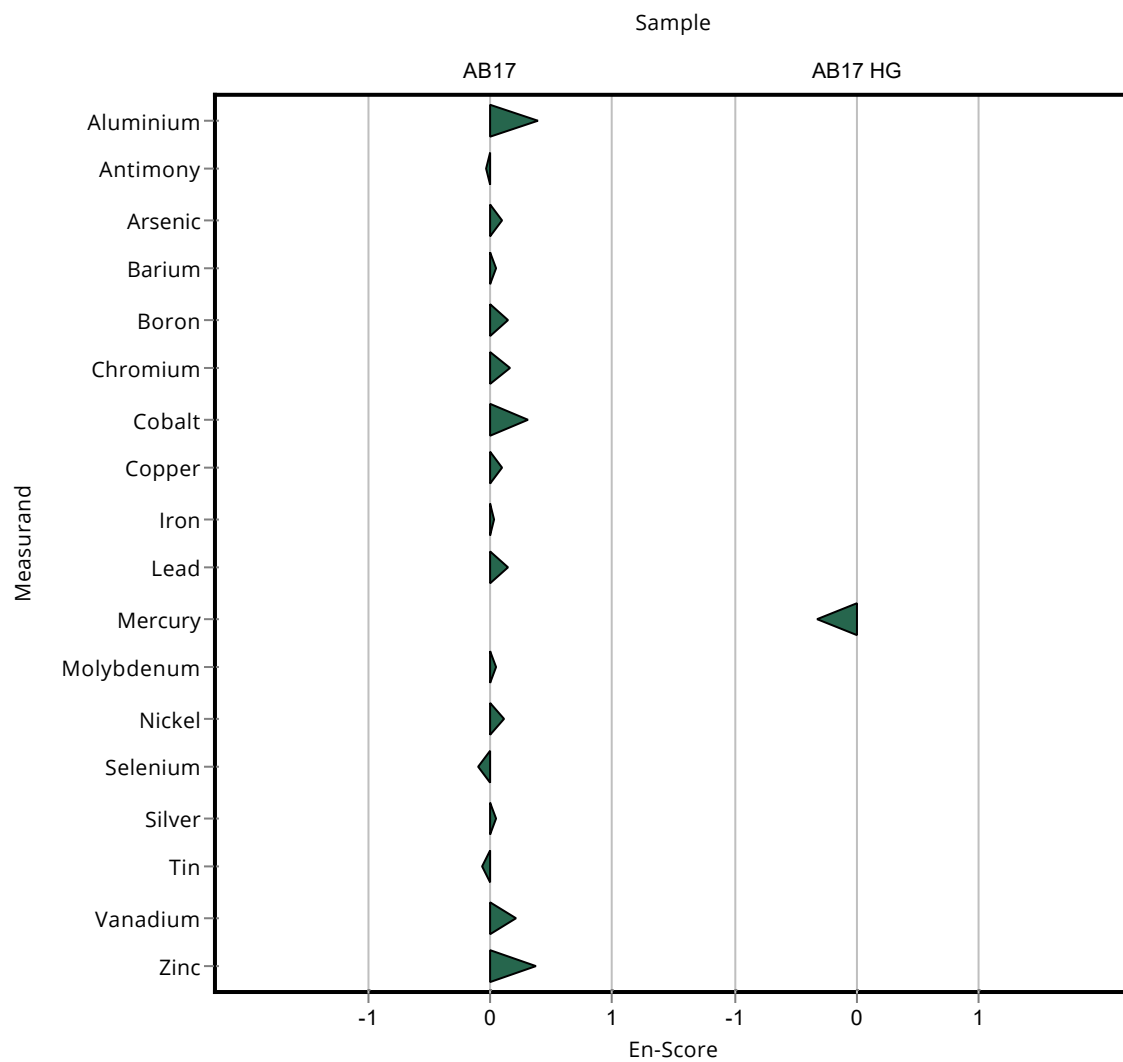
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.68 $\pm$ 0.255	0.148	114	0.39
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0145 $\pm$ 0.004	0.00148	98	-0.04
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00725 $\pm$ 0.0024	0.000947	107	0.10
Barium	mg/l	0.118 $\pm$ 0.0051	0.122 $\pm$ 0.037	0.0142	103	0.05
Boron	mg/l	0.427 $\pm$ 0.0165	0.453 $\pm$ 0.093	0.0427	106	0.14
Cadmium	mg/l	- $\pm$ -	0.000161 $\pm$ 0.000048	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.396 $\pm$ 0.12	0.0356	111	0.16
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0218 $\pm$ 0.004	0.00251	113	0.31
Copper	mg/l	0.383 $\pm$ 0.0107	0.407 $\pm$ 0.12	0.0383	106	0.10
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0658 $\pm$ 0.026	0.0109	103	0.04
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0188 $\pm$ 0.005	0.00207	109	0.15
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.323 $\pm$ 0.1	0.0314	103	0.05
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00888 $\pm$ 0.003	0.000984	108	0.11
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0169 $\pm$ 0.005	0.00198	94.1	-0.11
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00188 $\pm$ 0.0005	0.000493	103	0.05
Tin	mg/l	0.019 $\pm$ 0.0011	0.0185 $\pm$ 0.004	0.00209	97.2	-0.07
Vanadium	mg/l	0.00467 $\pm$ 0.000325	0.00511 $\pm$ 0.001	0.0007	110	0.22
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0272 $\pm$ 0.009	0.00306	133	0.38

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000106 $\pm$ 0.00003	0.000038	83.9	-0.33

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0028

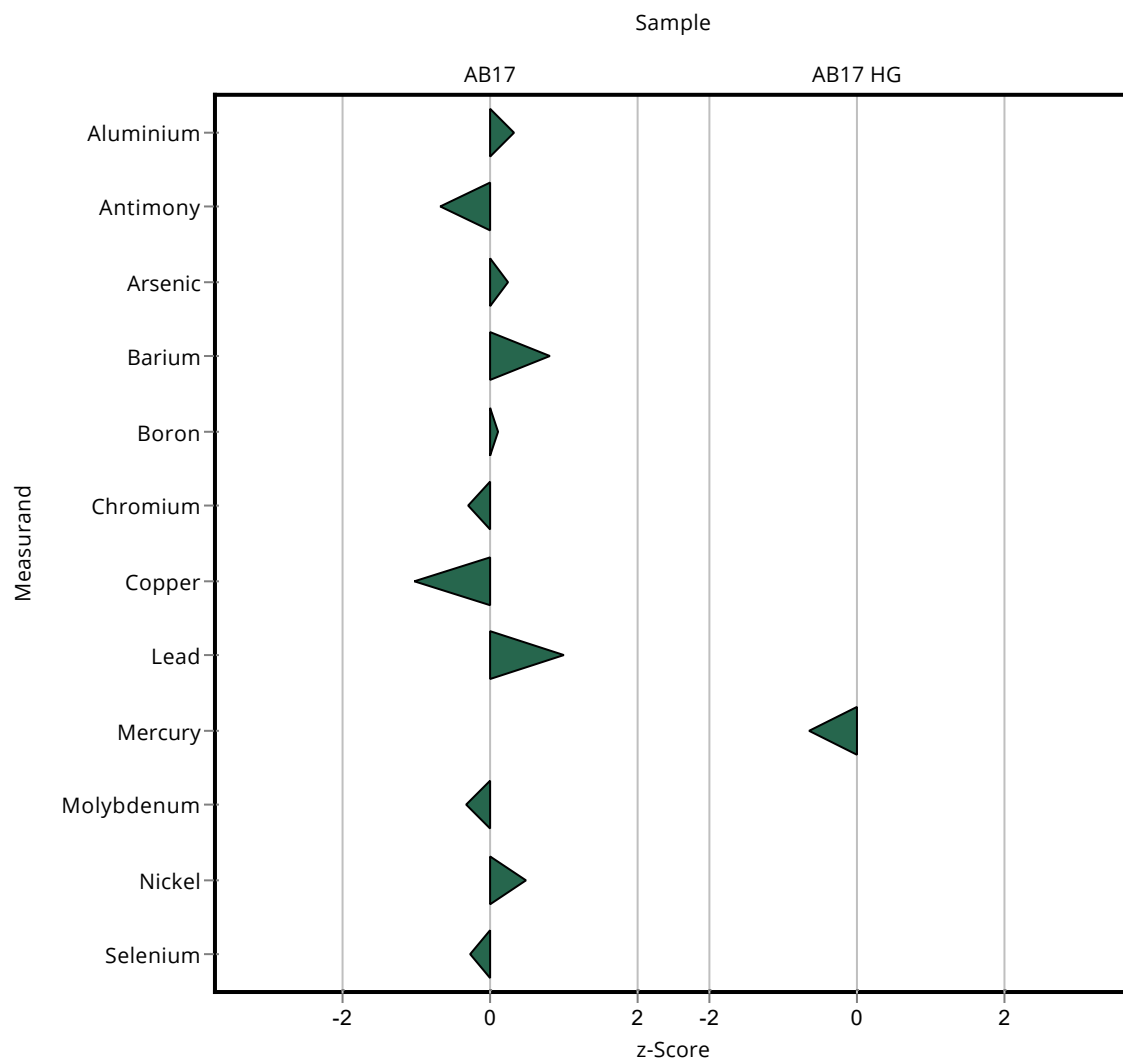


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.5277 $\pm$ 0.158	0.148	103	0.34
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0138 $\pm$ 0.00106	0.00148	93.3	-0.67
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.007 $\pm$ 0.00089	0.000947	103	0.25
Barium	mg/l	0.118 $\pm$ 0.0051	0.1298 $\pm$ 0.0082	0.0142	110	0.80
Boron	mg/l	0.427 $\pm$ 0.0165	0.4315 $\pm$ 0.0602	0.0427	101	0.12
Cadmium	mg/l	- $\pm$ -	<0.00035 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.3458 $\pm$ 0.0346	0.0356	97	-0.30
Cobalt	mg/l	0.0193 $\pm$ 0.00094	0.025 (LOQ) $\pm$ -	0.00251	-	-
Copper	mg/l	0.383 $\pm$ 0.0107	0.3431 $\pm$ 0.0433	0.0383	89.6	-1.04
Iron	mg/l	0.0639 $\pm$ 0.00415	<0.1 (LOQ) $\pm$ -	0.0109	-	-
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0193 $\pm$ 0.0028	0.00207	112	0.99
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.3037 $\pm$ 0.0179	0.0314	96.7	-0.33
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00867 $\pm$ 0.0011	0.000984	106	0.48
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0174 $\pm$ 0.0024	0.00198	96.9	-0.28
Silver	mg/l	0.00183 $\pm$ 0.000245	0.004 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	<0.01 (LOQ) $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	<0.01 (LOQ) $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	<0.05 (LOQ) $\pm$ -	0.00306	-	-

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000102 $\pm$ 0.000019	0.000038	80.7	-0.64



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0029

Sample: AB17

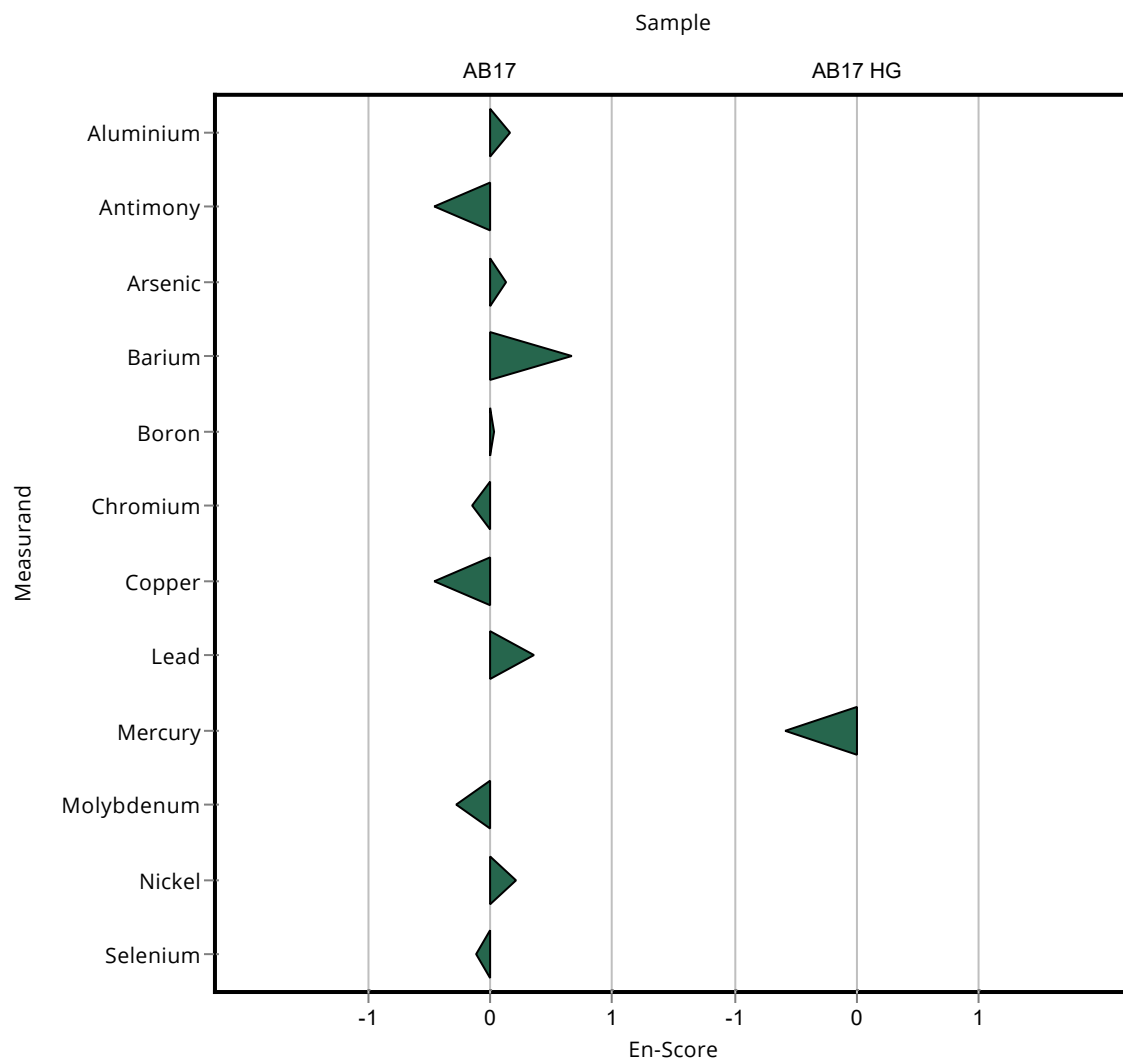
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.5277 $\pm$ 0.158	0.148	103	0.16
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0138 $\pm$ 0.00106	0.00148	93.3	-0.46
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.007 $\pm$ 0.00089	0.000947	103	0.13
Barium	mg/l	0.118 $\pm$ 0.0051	0.1298 $\pm$ 0.0082	0.0142	110	0.66
Boron	mg/l	0.427 $\pm$ 0.0165	0.4315 $\pm$ 0.0602	0.0427	101	0.04
Cadmium	mg/l	- $\pm$ -	<0.00035 $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.3458 $\pm$ 0.0346	0.0356	97	-0.15
Cobalt	mg/l	0.0193 $\pm$ 0.00094	0.025 (LOQ) $\pm$ -	0.00251	-	-
Copper	mg/l	0.383 $\pm$ 0.0107	0.3431 $\pm$ 0.0433	0.0383	89.6	-0.46
Iron	mg/l	0.0639 $\pm$ 0.00415	<0.1 (LOQ) $\pm$ -	0.0109	-	-
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0193 $\pm$ 0.0028	0.00207	112	0.36
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.3037 $\pm$ 0.0179	0.0314	96.7	-0.27
Nickel	mg/l	0.0082 $\pm$ 0.000414	0.00867 $\pm$ 0.0011	0.000984	106	0.21
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0174 $\pm$ 0.0024	0.00198	96.9	-0.12
Silver	mg/l	0.00183 $\pm$ 0.000245	0.004 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	<0.01 (LOQ) $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	<0.01 (LOQ) $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	<0.05 (LOQ) $\pm$ -	0.00306	-	-

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000102 $\pm$ 0.000019	0.000038	80.7	-0.59

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0029

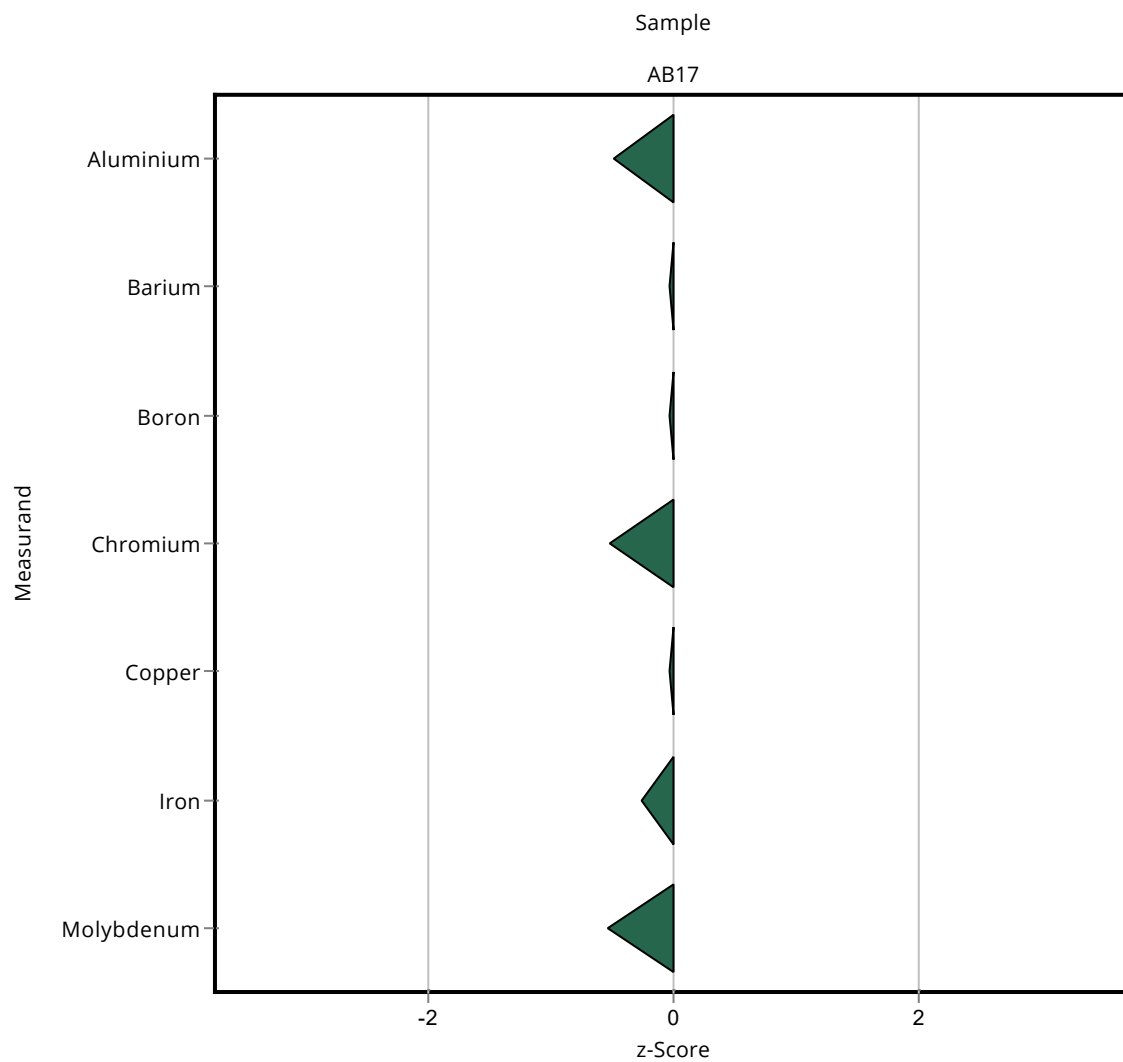


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.406 $\pm$ 0.14	0.148	95.1	-0.49
Antimony	mg/l	0.0148 $\pm$ 0.00046	<0.04 (LOQ) $\pm$ -	0.00148	-	-
Arsenic	mg/l	0.00677 $\pm$ 0.00038	<0.06 (LOQ) $\pm$ -	0.000947	-	-
Barium	mg/l	0.118 $\pm$ 0.0051	0.118 $\pm$ 0.012	0.0142	99.7	-0.03
Boron	mg/l	0.427 $\pm$ 0.0165	0.425 $\pm$ 0.053	0.0427	99.6	-0.04
Cadmium	mg/l	- $\pm$ -	<0.004 (LOQ) $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.338 $\pm$ 0.034	0.0356	94.8	-0.52
Cobalt	mg/l	0.0193 $\pm$ 0.000944	<0.06 (LOQ) $\pm$ -	0.00251	-	-
Copper	mg/l	0.383 $\pm$ 0.0107	0.382 $\pm$ 0.038	0.0383	99.7	-0.03
Iron	mg/l	0.0639 $\pm$ 0.00415	0.061 $\pm$ 0.0061	0.0109	95.5	-0.27
Lead	mg/l	0.0172 $\pm$ 0.000835	<0.06 (LOQ) $\pm$ -	0.00207	-	-
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.297 $\pm$ 0.03	0.0314	94.6	-0.54
Nickel	mg/l	0.0082 $\pm$ 0.000414	<0.06 (LOQ) $\pm$ -	0.000984	-	-
Selenium	mg/l	0.018 $\pm$ 0.000822	<0.06 (LOQ) $\pm$ -	0.00198	-	-
Silver	mg/l	0.00183 $\pm$ 0.000245	<0.09 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	<0.06 (LOQ) $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	<0.03 (LOQ) $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	<0.07 (LOQ) $\pm$ -	0.00306	-	-

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	- $\pm$ -	0.000038	-	-



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0030

Sample: AB17

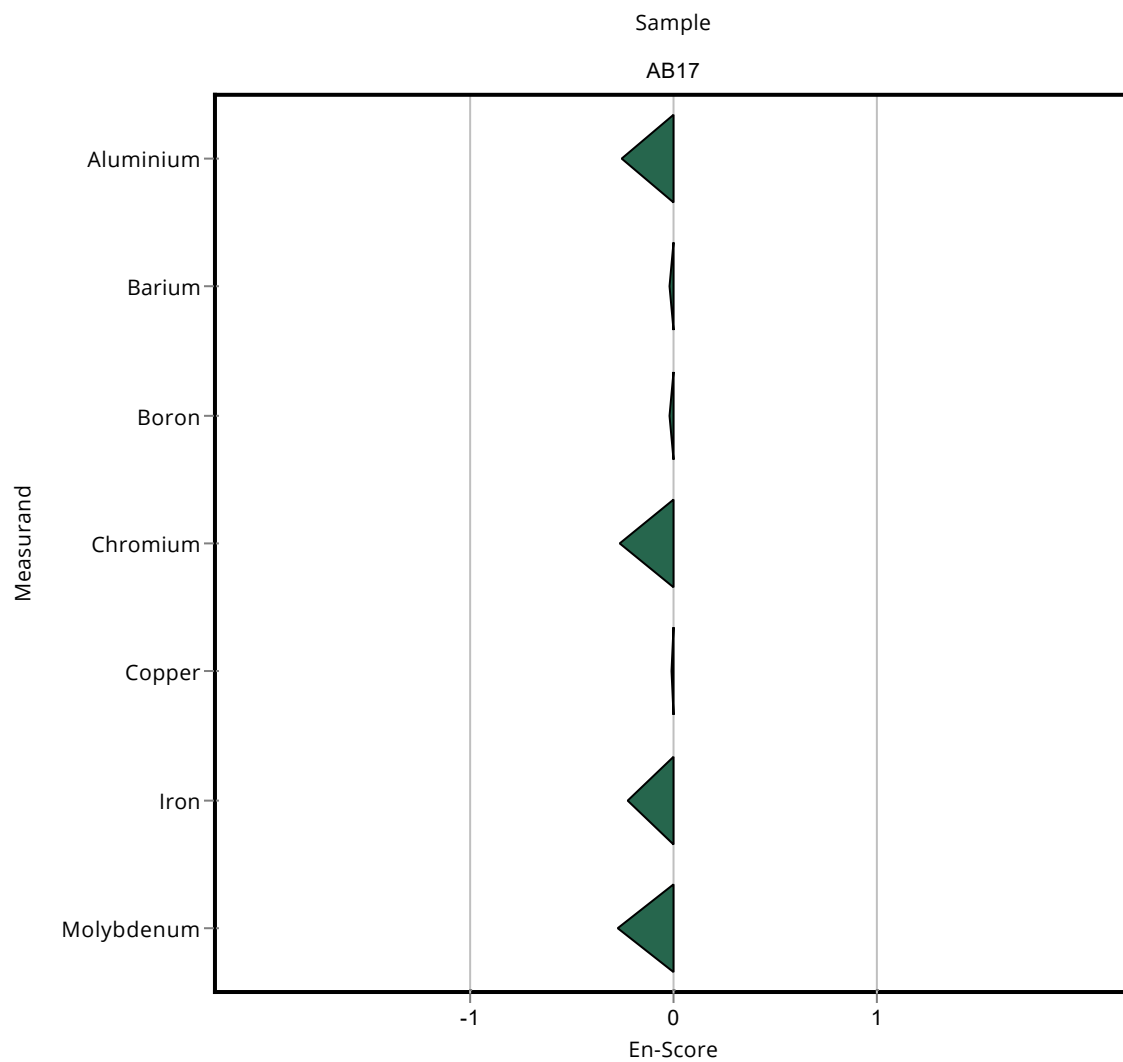
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.406 $\pm$ 0.14	0.148	95.1	-0.25
Antimony	mg/l	0.0148 $\pm$ 0.00046	<0.04 (LOQ) $\pm$ -	0.00148	-	-
Arsenic	mg/l	0.00677 $\pm$ 0.00038	<0.06 (LOQ) $\pm$ -	0.000947	-	-
Barium	mg/l	0.118 $\pm$ 0.0051	0.118 $\pm$ 0.012	0.0142	99.7	-0.02
Boron	mg/l	0.427 $\pm$ 0.0165	0.425 $\pm$ 0.053	0.0427	99.6	-0.01
Cadmium	mg/l	- $\pm$ -	<0.004 (LOQ) $\pm$ -	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	0.338 $\pm$ 0.034	0.0356	94.8	-0.27
Cobalt	mg/l	0.0193 $\pm$ 0.000944	<0.06 (LOQ) $\pm$ -	0.00251	-	-
Copper	mg/l	0.383 $\pm$ 0.0107	0.382 $\pm$ 0.038	0.0383	99.7	-0.01
Iron	mg/l	0.0639 $\pm$ 0.00415	0.061 $\pm$ 0.0061	0.0109	95.5	-0.22
Lead	mg/l	0.0172 $\pm$ 0.000835	<0.06 (LOQ) $\pm$ -	0.00207	-	-
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.297 $\pm$ 0.03	0.0314	94.6	-0.28
Nickel	mg/l	0.0082 $\pm$ 0.000414	<0.06 (LOQ) $\pm$ -	0.000984	-	-
Selenium	mg/l	0.018 $\pm$ 0.000822	<0.06 (LOQ) $\pm$ -	0.00198	-	-
Silver	mg/l	0.00183 $\pm$ 0.000245	<0.09 (LOQ) $\pm$ -	0.000493	-	-
Tin	mg/l	0.019 $\pm$ 0.0011	<0.06 (LOQ) $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	<0.03 (LOQ) $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	<0.07 (LOQ) $\pm$ -	0.00306	-	-

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	- $\pm$ -	0.000038	-	-

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0030

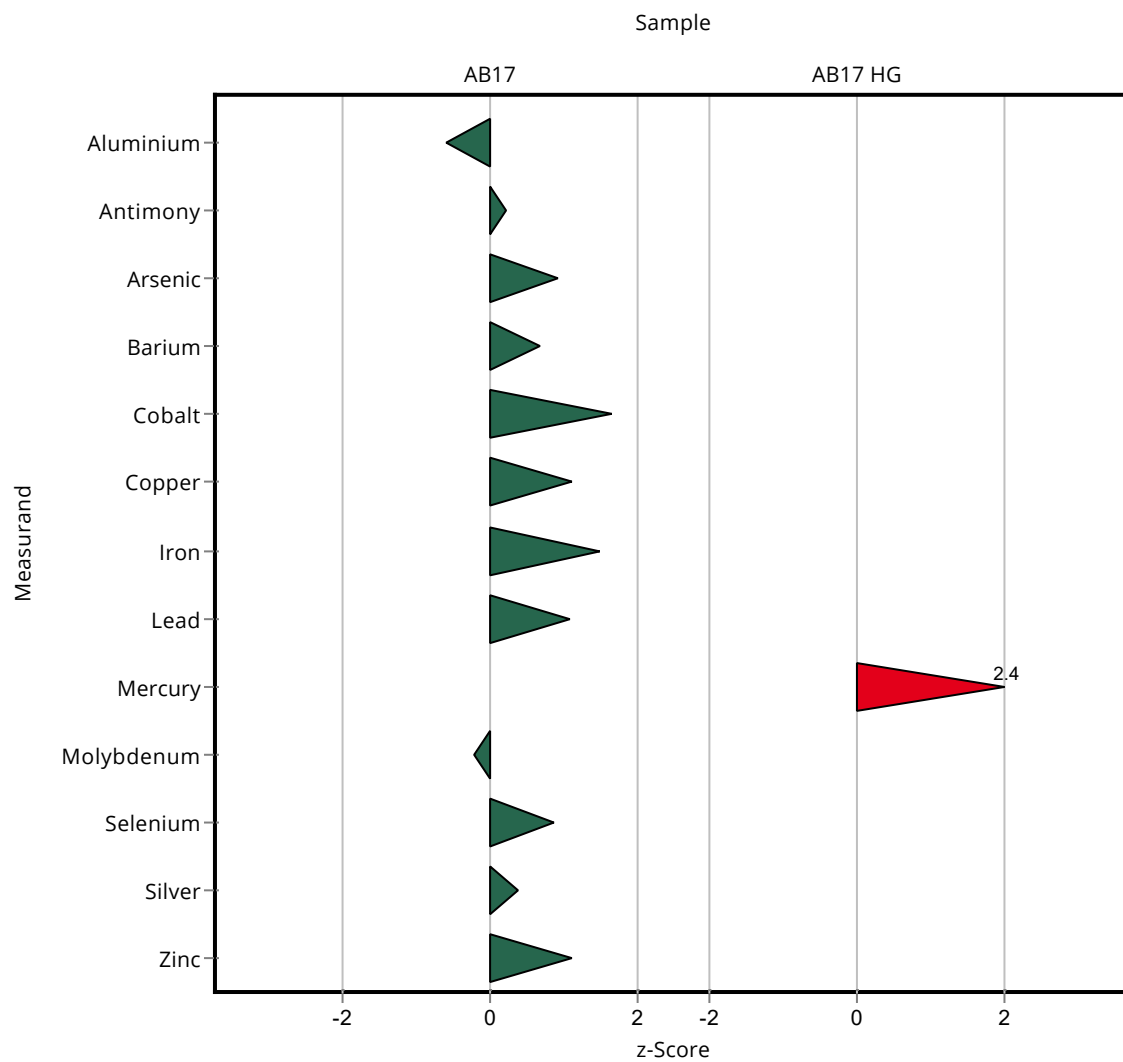


Sample: AB17

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.39 $\pm$ 0.15	0.148	94	-0.60
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0151 $\pm$ 0.0018	0.00148	102	0.21
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00765 $\pm$ 0.00156	0.000947	113	0.93
Barium	mg/l	0.118 $\pm$ 0.0051	0.128 $\pm$ 0.015	0.0142	108	0.68
Boron	mg/l	0.427 $\pm$ 0.0165	- $\pm$ -	0.0427	-	-
Cadmium	mg/l	- $\pm$ -	0.000411 $\pm$ 0.000161	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	- $\pm$ -	0.0356	-	-
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0235 $\pm$ 0.0042	0.00251	122	1.67
Copper	mg/l	0.383 $\pm$ 0.0107	0.426 $\pm$ 0.067	0.0383	111	1.12
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0801 $\pm$ 0.0141	0.0109	125	1.49
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0195 $\pm$ 0.0038	0.00207	113	1.09
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.307 $\pm$ 0.035	0.0314	97.8	-0.22
Nickel	mg/l	0.0082 $\pm$ 0.000414	- $\pm$ -	0.000984	-	-
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0197 $\pm$ 0.0036	0.00198	110	0.88
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00201 $\pm$ 0.00037	0.000493	110	0.37
Tin	mg/l	0.019 $\pm$ 0.0011	- $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	- $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0238 $\pm$ 0.0045	0.00306	117	1.11

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	z-Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000217 $\pm$ 0.000093	0.000038	172	2.39



Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0031

Sample: AB17

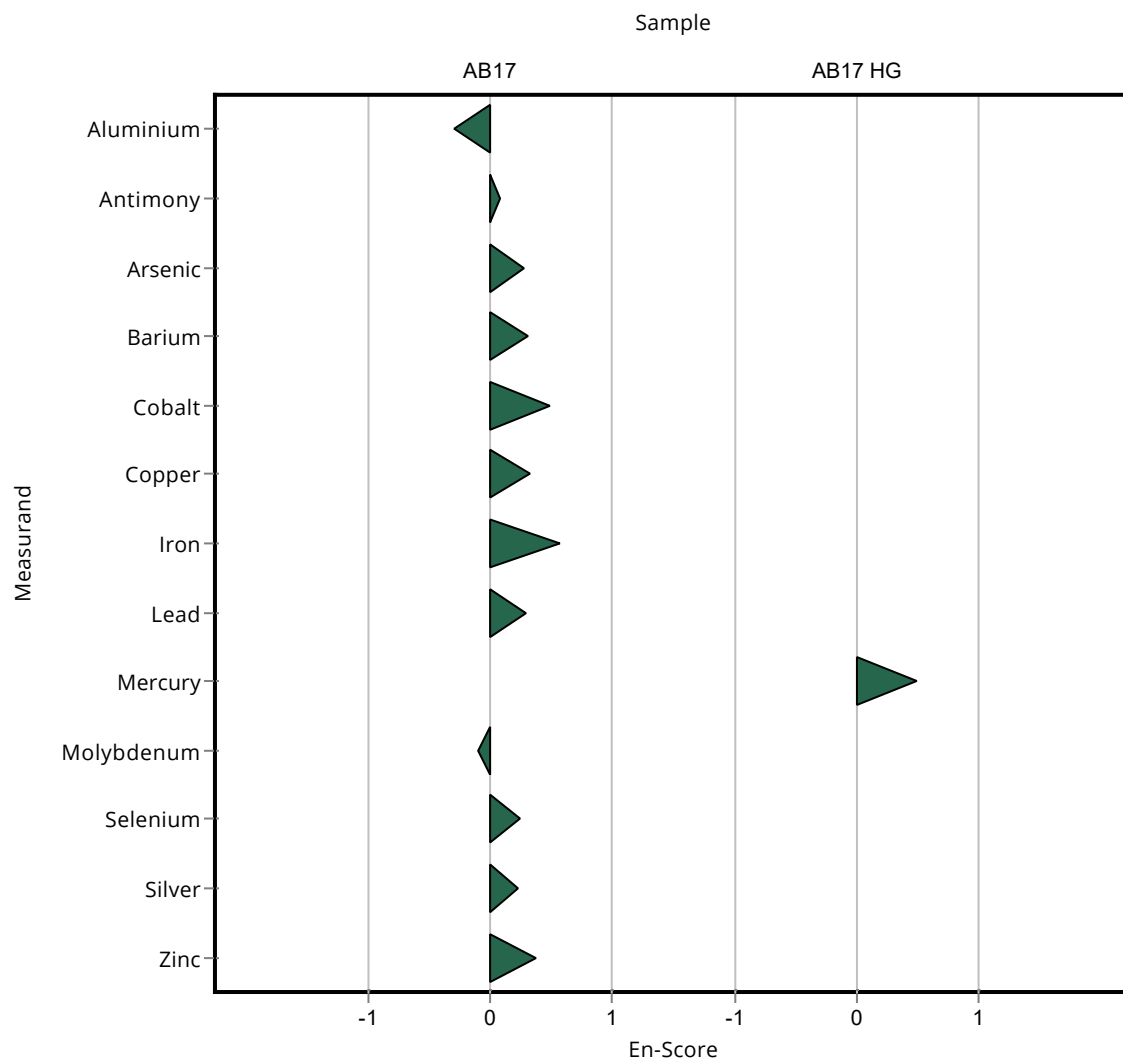
Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Aluminium	mg/l	1.48 $\pm$ 0.0426	1.39 $\pm$ 0.15	0.148	94	-0.29
Antimony	mg/l	0.0148 $\pm$ 0.00046	0.0151 $\pm$ 0.0018	0.00148	102	0.08
Arsenic	mg/l	0.00677 $\pm$ 0.00038	0.00765 $\pm$ 0.00156	0.000947	113	0.28
Barium	mg/l	0.118 $\pm$ 0.0051	0.128 $\pm$ 0.015	0.0142	108	0.32
Boron	mg/l	0.427 $\pm$ 0.0165	- $\pm$ -	0.0427	-	-
Cadmium	mg/l	- $\pm$ -	0.000411 $\pm$ 0.000161	-	-	-
Chromium	mg/l	0.356 $\pm$ 0.0125	- $\pm$ -	0.0356	-	-
Cobalt	mg/l	0.0193 $\pm$ 0.000944	0.0235 $\pm$ 0.0042	0.00251	122	0.50
Copper	mg/l	0.383 $\pm$ 0.0107	0.426 $\pm$ 0.067	0.0383	111	0.32
Iron	mg/l	0.0639 $\pm$ 0.00415	0.0801 $\pm$ 0.0141	0.0109	125	0.57
Lead	mg/l	0.0172 $\pm$ 0.000835	0.0195 $\pm$ 0.0038	0.00207	113	0.29
Molybdenum	mg/l	0.314 $\pm$ 0.0114	0.307 $\pm$ 0.035	0.0314	97.8	-0.10
Nickel	mg/l	0.0082 $\pm$ 0.000414	- $\pm$ -	0.000984	-	-
Selenium	mg/l	0.018 $\pm$ 0.000822	0.0197 $\pm$ 0.0036	0.00198	110	0.24
Silver	mg/l	0.00183 $\pm$ 0.000245	0.00201 $\pm$ 0.00037	0.000493	110	0.24
Tin	mg/l	0.019 $\pm$ 0.0011	- $\pm$ -	0.00209	-	-
Vanadium	mg/l	0.00467 $\pm$ 0.000325	- $\pm$ -	0.0007	-	-
Zinc	mg/l	0.0204 $\pm$ 0.00118	0.0238 $\pm$ 0.0045	0.00306	117	0.37

Sample: AB17HG

Parameter	Unit	Assigned $\pm$ U (k=2) value	Result $\pm$ U	Criterion	Recovery [%]	En- Score
Mercury	mg/l	0.000126 $\pm$ 0.0000157	0.000217 $\pm$ 0.000093	0.000038	172	0.49

Summary of results Waste acc to landfill directive (eluate metals) - AB17 -
En-Score

Labcode: LC0031



E9. Methodenübersicht / Overview of methods

LabCode	Sample	Aluminium	Antimony	Arsenic	Barium
LC0001	AB17	ICP-MS;	ICP-MS;	ICP-MS;	ICP-MS;
LC0002	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0003	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0004	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0005	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0006	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0007	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0008	AB17	ICP-MS; EN ISO 17294	ICP-MS; EN ISO 17294	ICP-MS; EN ISO 17294	ICP-MS; EN ISO 17294
LC0009	AB17	ICP-OES; EN ISO 11885	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0010	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0011	AB17	ICP-OES; EN ISO 11885; E22	ICP-OES; EN ISO 11885; E22	ICP-OES; EN ISO 11885; E22	ICP-OES; EN ISO 11885; E22
LC0012	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0013	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0014	AB17	ICP-MS; EN ISO 17294-2;	ICP-MS; EN ISO 17294-2;	ICP-MS; EN ISO 17294-2;	ICP-MS; EN ISO 17294-2;
LC0015	AB17		ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0016	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0017	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0018	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0019	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0020	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0021	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0022	AB17	ICP-OES; EN ISO 11885	GF-AAS; EN ISO 15586	GF-AAS; EN ISO 15586	ICP-OES; EN ISO 11885
LC0023	AB17	ICP-OES; EN ISO 11885	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0024	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0025	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0026	AB17	ICP-MS; EN ISO 17294-2; E29	ICP-MS; EN ISO 17294-2; E29	ICP-MS; EN ISO 17294-2; E29	ICP-MS; EN ISO 17294-2; E29
LC0027	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0028	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0029	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0030	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0031	AB17	ICP-OES; EN ISO 11885	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-OES; EN ISO 11885

LabCode	Sample	Boron	Cadmium	Chromium	Cobalt
LC0001	AB17	ICP-MS;	ICP-MS;	ICP-MS;	ICP-MS;
LC0002	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0003	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0004	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0005	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885

[illegible]

LabCode	Sample	Copper	Iron	Lead	Molybdenum
LC0001	AB17	ICP-MS;		ICP-MS;	ICP-MS;
LC0002	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0003	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0004	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0005	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0006	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0007	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0008	AB17	ICP-MS; EN ISO 17294	ICP-MS; EN ISO 17294	ICP-MS; EN ISO 17294	ICP-MS; EN ISO 17294
LC0009	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-MS; EN ISO 17294-2	ICP-OES; EN ISO 11885
LC0010	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0011	AB17	ICP-OES; EN ISO 11885; E22	ICP-OES; EN ISO 11885; E22	ICP-OES; EN ISO 11885; E22	ICP-OES; EN ISO 11885; E22
LC0012	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0013	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0014	AB17	ICP-MS; EN ISO 17294-2;	ICP-MS; EN ISO 17294-2;	ICP-MS; EN ISO 17294-2;	ICP-MS; EN ISO 17294-2;

LC0024	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0025	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0026	AB17	ICP-MS; EN ISO 17294-2; E29	ICP-MS; EN ISO 17294-2; E29	ICP-MS; EN ISO 17294-2; E29	ICP-MS; EN ISO 17294-2; E29
LC0027	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0028	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0029	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0030	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0031	AB17		ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2	

LabCode	Sample	Vanadium	Zinc
LC0001	AB17	ICP-MS;	ICP-MS;
LC0002	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0003	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0004	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0005	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0006	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0007	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0008	AB17	ICP-MS; EN ISO 17294	ICP-MS; EN ISO 17294
LC0009	AB17	ICP-MS; EN ISO 17294-2	ICP-OES; EN ISO 11885
LC0010	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0011	AB17	ICP-OES; EN ISO 11885; E22	ICP-OES; EN ISO 11885; E22
LC0012	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0013	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0014	AB17	ICP-MS; EN ISO 17294-2;	ICP-MS; EN ISO 17294-2;
LC0015	AB17		ICP-OES; EN ISO 11885
LC0016	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0017	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0018	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0019	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0020	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0021	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0022	AB17		ICP-OES; EN ISO 11885
LC0023	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0024	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0025	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0026	AB17	ICP-MS; EN ISO 17294-2; E29	ICP-MS; EN ISO 17294-2; E29
LC0027	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0028	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0029	AB17	ICP-MS; EN ISO 17294-2	ICP-MS; EN ISO 17294-2
LC0030	AB17	ICP-OES; EN ISO 11885	ICP-OES; EN ISO 11885
LC0031	AB17		ICP-MS; EN ISO 17294-2

LabCode	Sample	Mercury
LC0001	AB17HG	ICP-MS;
LC0002	AB17HG	CV-AAS; EN ISO 12846
LC0003	AB17HG	AFS; EN ISO 17852; E35
LC0004	AB17HG	CV-AAS; EN ISO 12846
LC0005	AB17HG	CV-AAS; EN ISO 12846
LC0006	AB17HG	CV-AAS; EN ISO 12846
LC0007	AB17HG	AFS; EN ISO 17852
LC0008	AB17HG	ICP-MS; EN ISO 17294
LC0009	AB17HG	CV-AAS; EN ISO 12846
LC0010	AB17HG	CV-AAS; EN ISO 12846
LC0011	AB17HG	CV-AAS; EN 1483
LC0012	AB17HG	ICP-MS; EN ISO 17294-2
LC0013	AB17HG	TDA-AAS; EPA 7473
LC0014	AB17HG	CV-AAS; EN ISO 12846; direct mercury analyzer
LC0015	AB17HG	
LC0016	AB17HG	CV-AAS; EN ISO 12846
LC0017	AB17HG	ICP-OES; EN ISO 11885
LC0018	AB17HG	CV-AAS; EN 1483
LC0019	AB17HG	CV-AAS; EN ISO 12846
LC0020	AB17HG	AFS; EN ISO 17852
LC0021	AB17HG	CV-AAS; EN 1483
LC0022	AB17HG	CV-AAS; EN ISO 12846; mercury analyzer
LC0023	AB17HG	CV-AAS; EN ISO 12846
LC0024	AB17HG	CV-AAS; EN ISO 12846
LC0025	AB17HG	CV-AAS; EN ISO 12846
LC0026	AB17HG	ICP-MS; EN ISO 17294-2; E29
LC0027	AB17HG	ICP-MS; EN ISO 17294-2
LC0028	AB17HG	CV-AAS; EN ISO 12846
LC0029	AB17HG	CV-AAS; EN ISO 12846
LC0030	AB17HG	
LC0031	AB17HG	ICP-MS; EN ISO 17294-2