

**Proficiency Testing Scheme für die
Umweltanalytik
AB16 Abfall nach der Deponie-VO
(Gesamtgehalte)**

**Proficiency Testing Scheme for
Environmental Analysis
AB16 Waste acc. to landfill directive
(total contents)**

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Inhaltsverzeichnis / Table of Contents

D1. Beschreibung des Ringversuchs.....	5
D1.1. Ausgestaltung und Durchführung	5
D1.2. Beschreibung der Prüfgegenstände	5
D1.3. Anweisungen für die Teilnehmenden.....	5
D1.4. Kontrollanalytik zur Bewertung der Homogenität.....	6
D1.5. Trendtest zur Bewertung der Stabilität.....	7
D1.6. Ermittlung des zugewiesenen Wertes.....	7
D2. Kriterien der Leistungsbewertung	8
D2.1. Leistungskriterium z-Score.....	8
D2.2. Leistungskriterium E _n -Score	9
D2.3. Leistungsbewertung z-Score und E _n -Score.....	9
D3. Darstellung und Interpretation der Messergebnisse.....	10
D4. Anmerkungen zur Auswertung.....	10
D5. Erläuterung zu Tabellen und Grafiken	12
D5.1. Angaben und Abkürzungen in Tabellen.....	12
D5.2. Graphische Darstellung der Ergebnisse	15
D6. Zusammenfassung	18
D6.1. Tabelle der zugewiesenen Werte	18
D6.2. Zusammenfassung der ausreißerbereinigten Ringversuchsergebnisse ..	19
E1. Description of the proficiency test	21
E1.1. Design and implementation	21
E1.2. Description of the proficiency test items	21
E1.3. Instructions for the participants.....	21
E1.4. Control testing for homogeneity evaluation.....	22
E1.5. Trend test for stability evaluation	23
E1.6. Determination of the assigned values.....	23
E2. Criteria of performance evaluation	24
E2.1. Performance criterion z-Score	24
E2.2. Performance criterion E _n -Score	24
E2.3. Performance evaluation z-Score and E _n -Score	25
E3. Representation and interpretation of measurement results.....	26
E4. Explanatory notes	26

E5. Annotations on tables and charts	28
E5.1. Information and abbreviations in tables	28
E5.2. Graphical presentation of results	30
E6. Summary	33
E6.1. Table of assigned values	33
E6.2. Summary of results, after removal of outliers.....	34
E7. Parameterorientierte Auswertung / Parameter oriented report.....	36
E8. Labororientierte Auswertung / Laboratory oriented report.....	150
E9. Methodenübersicht / Overview of methods	273

D1. Beschreibung des Ringversuchs

D1.1. Ausgestaltung und Durchführung

- Anzahl der Anmeldungen: 31
- Anzahl der übermittelten Datensätze: 30
- Probenversand: 16.09.2025
- Einsendeschluss der Daten: 14.10.2025

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

Die Abfallprobe wurde im September 2025 am Umweltbundesamt durch Vereinigung von auf $\leq 0,5$ mm vorgesiebt, luftgetrockneten Fraktionen aus Schlacke sowie kontaminierter Boden/Asche/Pyrolysekoksmischung hergestellt. Dafür wurden sämtliche Teilfraktionen zuvor ausführlich gemischt und homogenisiert und bei 0,5 mm gesiebt. Die Herstellung der finalen Abfüllungen für AB16 zu je 0,3 kg erfolgte durch fraktioniertes Schaufeln.

Die homogenen Prüfgegenstände wurden am 16.09.2025 verschickt.

Jedes teilnehmende Labor erhielt:

- 1 Feststoffprobe Abfall zu 0,3 kg (AB16) – Korngröße $\leq 0,5$ mm, lufttrocken - abgefüllt in ein 500 ml HDPE Schraubgefäß

D1.3. Anweisungen für die Teilnehmenden

Aus Stabilitätsgründen wurde empfohlen bis spätestens 24.09.2025 mit den Analysen zu beginnen.

Die Teilnehmenden erhielten per Begleitschreiben im Paket und per Probenversand-E-Mail vom 16.09.2025 folgende Informationen:

„Die Probe ist vor der Einwaage zu homogenisieren. Bitte beachten Sie, dass die Metall-Gesamtgehalte nach den Vorgaben der Deponieverordnung (DVO) zu bestimmen sind (Königswasseraufschluss). Bitte geben Sie im Ringdat Online unter

der Rubrik Norm/Methode unbedingt die Norm für Aufschluss bzw. Extraktionsverfahren (inkl. Extraktionsmittel, Extraktionsmethode) sowie die Norm für die Analysenmethode an.

Das Ergebnis zur TOC-Bestimmung gemäß DVO ist unter dem Parameter "TOC" in mg/kg TM einzugeben. Beim zusätzlichen Parameter "TOC_(ON L1080)" ist ausschließlich nach der Norm ÖNORM L1080:2021-12-15 zu arbeiten (Ergebnisangabe in %, bezogen auf die Trockenmasse).

Wir bitten Sie, bei Erhalt der Proben im Onlineformular zur Ergebniseingabe (siehe Link oben) folgende Angaben zu machen: Probeneingangsdatum, Zustand der Proben.

Folgende Parameter werden im Rahmen des Ringversuchs in mg/kg TM in Probe AB16 ausgewertet: Sb, As, Ba, Pb, Cd, Cr, Co, Cu, Mo, Ni, Hg, Se, Ag, V, Zn, Sn, TOC, Kohlenwasserstoff-Index (KW-Index), PAK (Summe der 16 Polyzyklischen Aromatischen Kohlenwasserstoffe nach EPA), Benzo(a)pyren. Ausnahmen: Trockenmasse wird in % ausgewertet; TOC_(ON L1080) wird in % TM ausgewertet; Glühverlust (550°C) wird in % TM ausgewertet.“

Darüber hinaus stand den Teilnehmenden 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 jeweils n=5 Kontrollproben den Laboren zur Analyse übergeben.

Die Gesamtgehalte (Metalle, Trockenmasse) wurden in der Prüfstelle am Umweltbundesamt (Prüfstelle für Umwelt-, GVO- & Treibstoffanalytik) zeitnah zum Probenversand analysiert.

Die Bestimmung von TOC, Kohlenwasserstoff-Index, Summe 16 PAK (nach EPA) sowie Benzo(a)pyren, Glühverlust (550°C) und TOC_(ON L1080) wurde an ein externes Labor (akkreditiert nach EN ISO/IEC 17025) im Unterauftrag vergeben (verdeckte Vergabe, Proben anonymisiert) und erfolgte bis zum Einsendeschluss (TOC, TOC_(ON L1080), Glühverlust (550°C) bzw. in der Woche der Berichtlegung (BaP, Summe 16 PAK).

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 14.10.2025 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 h 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 Expertenbefund). 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 6 gültigen, numerischen Ergebnissen pro Parameter. Ergebnisse kleiner Bestimmungs- oder Nachweisgrenze wurden bei den Berechnungen nicht berücksichtigt.

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

Bei sehr hohen Streuungen der 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:

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

Dabei ist:

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 Statistiken der 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 Realproben 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:

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

Dabei ist:

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 -Score 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 (vgl. aktuelle Eignungsprüfungsrunde: KW-Index, Quecksilber, TOC_(ON L1080), BaP).

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 Silber, Arsen, Kobalt, Molybdän, Nickel, Antimon, Selen, Zinn und TOC_(ON L1080) bei Probe AB16: Bei diesen Parametern erfolgte die Berechnung der Scores nach D2.

Bei TOC_(ON L1080) wurden ausschließlich Ergebnisse nach ÖNORM L1080 (Verbrennungstemperatur bei 600°C) zur Bewertung herangezogen, daher wurde ein Ergebnis aus methodischen Gründen als fachlicher Ausreißer eliminiert (LC0007).

Parameter Chrom, Quecksilber, Vanadium, Zink, KW-Index, TOC (als C), Summe 16 PAK, Benzo[a]pyren und Glühverlust bei Probe AB16: Die auf Basis der Ergebnisse der Teilnehmenden berechneten Sollwerte lagen außerhalb der Messunsicherheit des Kontrollwertes bzw. ist über das Kontrolllabor keine Prüfung der Rückführbarkeit möglich. Der zugewiesene Wert wurde daher über die ausreißerbereinigten Mittelwerte aus der Gruppe der akkreditierten Teilnehmenden berechnet.

Parameter Cadmium, Kupfer, Blei, Vanadium, Zink, Glühverlust und Trockenmasse bei Probe AB16: Für die Parameter Cadmium, Kupfer, Blei, Vanadium, Zink und Glühverlust wurden relative Vergleichsstandardabweichungen (vR) von 10 % für die Bewertung gewählt (aufgerundet). Für die Trockenmasse wurde eine relative Vergleichsstandardabweichung (vR) von 1,5 % für die Bewertung gewählt.

Für KW-Index und Summe 16 PAK wurden die relativen Vergleichsstandardabweichungen (vR) über die ausreißerbereinigten Ergebnisse der Gruppe der akkreditierten Teilnehmenden berechnet (48 % für KW-Index, 17 % für Summe 16 PAK).

Beim Parameter Barium lagen insgesamt n=18 Ergebnisse für die Auswertung vor, davon waren n=17 Resultate von dafür akkreditierten Laboren. Die relative Vergleichsstandardabweichung zwischen allen Ergebnissen für Barium nach Aufschluss lag mit 71 % sehr hoch (keine Hampelausreißer), dies konnte über die Gruppe der akkreditierten Laborergebnisse in derselben Größenordnung bestätigt werden (vR 72 %, n=17). Die Festlegung eines zugewiesenen Wertes war somit nicht möglich.

Zur Erhebung von potenziellen Einflussfaktoren auf die Bestimmung der Elemente (insbesondere Barium) wurden die Teilnehmenden um ergänzende Angaben zum Aufschlussverfahren, zur Einwaage, zur Säuremischung (Art, Volumen) sowie zum Verfahren zur Abtrennung des festen Rückstandes nach dem Aufschluss ersucht. Die Rückmeldungen finden sich in gebündelter Form in der Tabelle in E9. Methodenübersicht.

Im Hinblick auf die Bariumergebnisse können hier keine eindeutigen Rückschlüsse getätigt werden, wiewohl tendenziell höhere Einwaagen mit niedrigeren Bariumergebnissen einhergehen könnten und aufgrund eigenen früheren

Laborerfahrungen längeres Stehenlassen von Aufschlusslösungen ggf. zu Ausfällungen von Barium führen kann und somit niedrigere Gehalte an Barium ermittelt werden. Von einigen Teilnehmenden wurde analog beobachtet, dass der Gehalt an Barium mit abnehmender Einwaage beim Aufschluss zunimmt bzw. dass Barium in der Aufschlusslösung nicht stabil war bzw. vermutet wurde, dass unmittelbar nach dem Aufschluss höhere Bariumgehalte nachgewiesen werden konnten. Weitere Einflussgrößen könnten die gewählten Aufschlussbedingungen sein (z.B. sanfter Aufschluss gemäß EN 13657 bzw. längere Haltezeiten bei höherer Temperatur oder alternative Temperaturprogramme).

Für Barium empfehlen wir einen Vergleich mit den in D6.1 angeführten informativen Werten im Rahmen Ihrer internen Qualitätssichernden Maßnahmen unter Berücksichtigung der o.a. Punkte (ibes. Berücksichtigung Aufschlussdatum und Datum der anschließenden Messung).

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. mg/kg TM)
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)

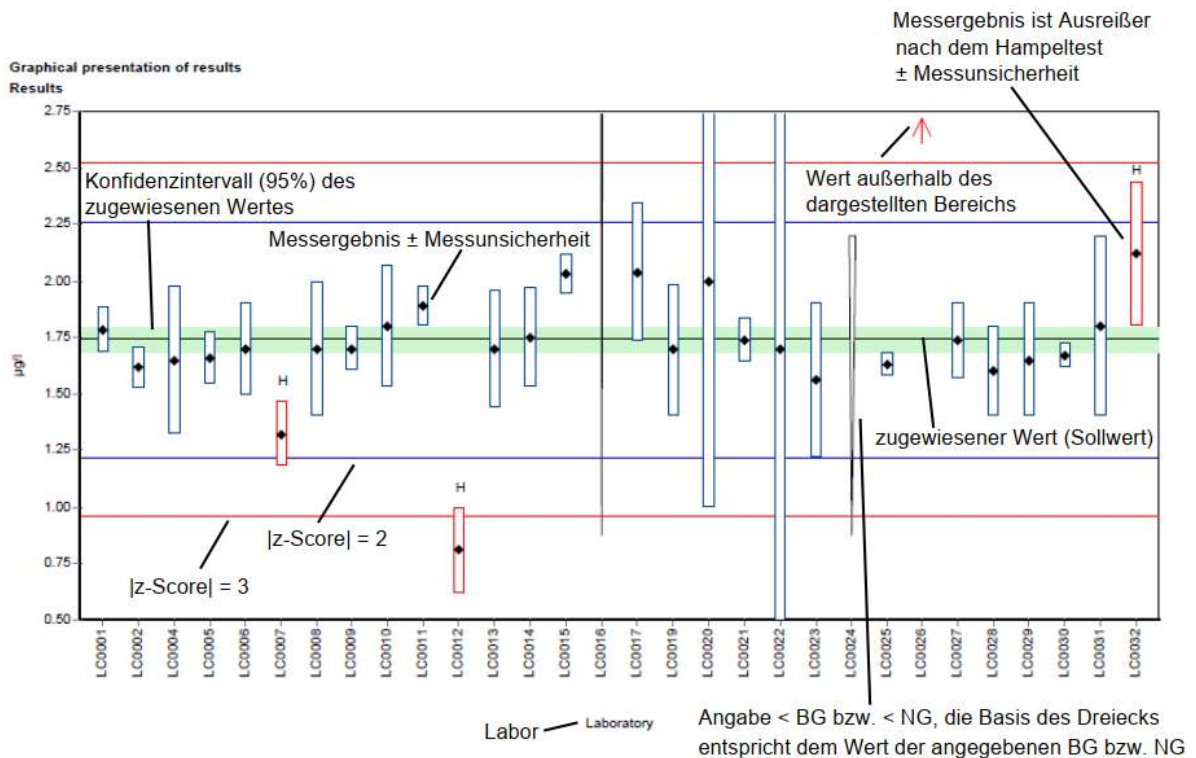
sR	Vergleichsstandardabweichung, berechnet aus den ausreißerbereinigten Ergebnissen der Teilnehmenden des aktuellen Ringversuchs (angegeben auf 3 signifikante Stellen)
vR	relative Vergleichsstandardabweichung in %, berechnet aus den ausreißerbereinigten Ergebnissen der Teilnehmenden des aktuellen Ringversuchs bezogen auf den Mittelwert (angegeben auf 2 signifikante Stellen)
Kontrollwert $\pm$ U (k=2)	Mittelwert der Kontrollmessungen des Veranstalters $\pm$ 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.
$\pm$ 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.
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

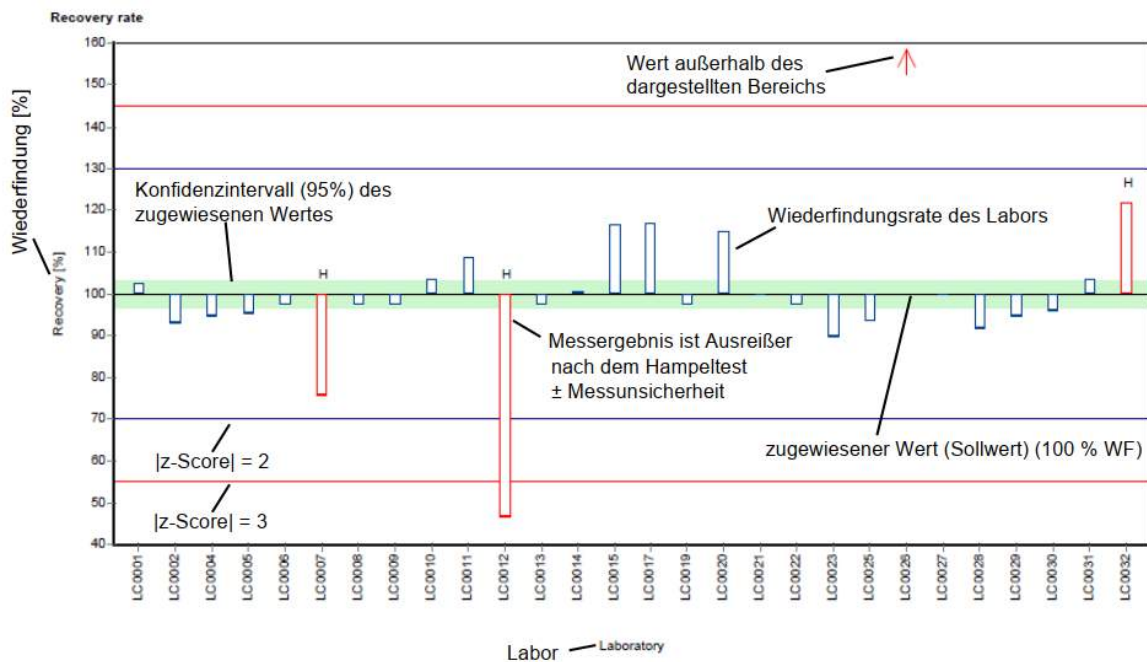
Nachfolgend wird die graphische Darstellung anhand von kommentierten Beispieldiagrammen erläutert.

Beispieldiagramm: Messwerte



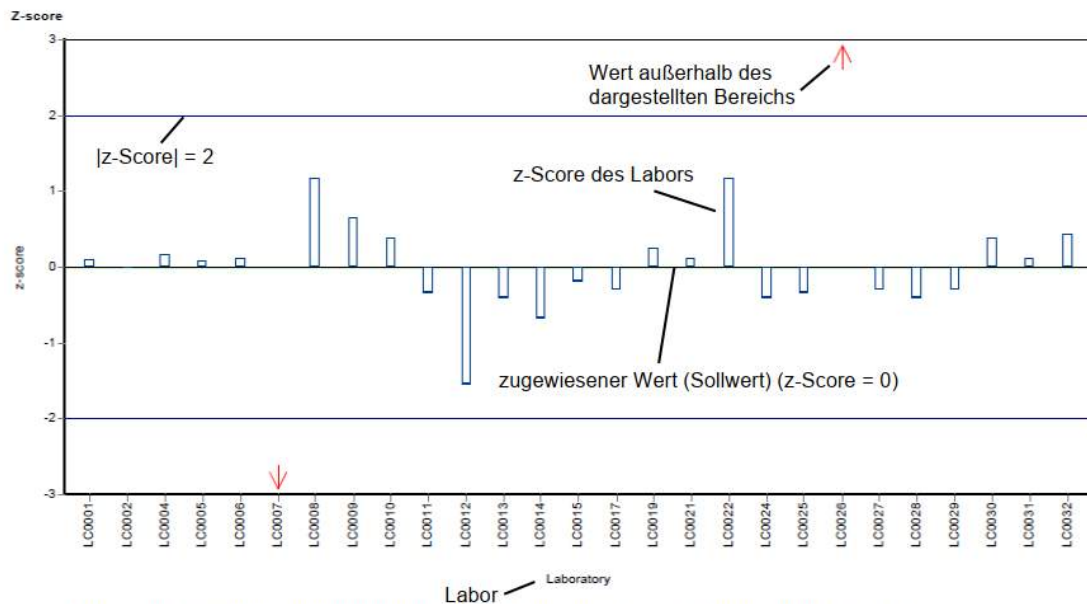
Unterschiedliche Analysenmethoden werden mit unterschiedlichen Farben kenntlich gemacht.

Beispieldiagramm: Wiederfindung zum zugewiesenen Wert



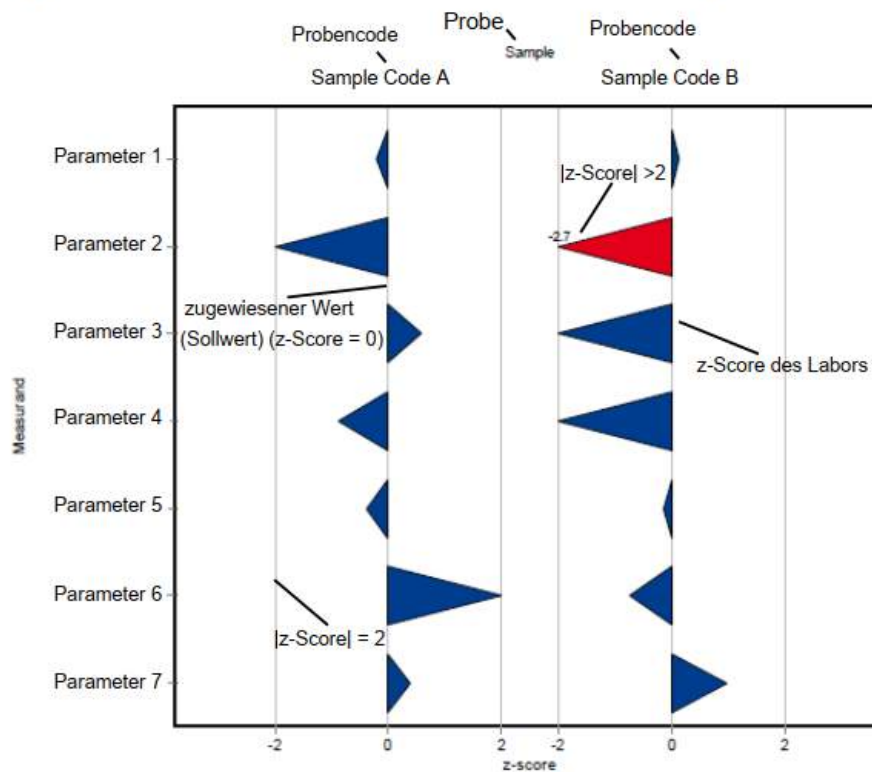
Unterschiedliche Analysenmethoden werden mit unterschiedlichen Farben kenntlich gemacht.

Beispieldiagramm: z-Score

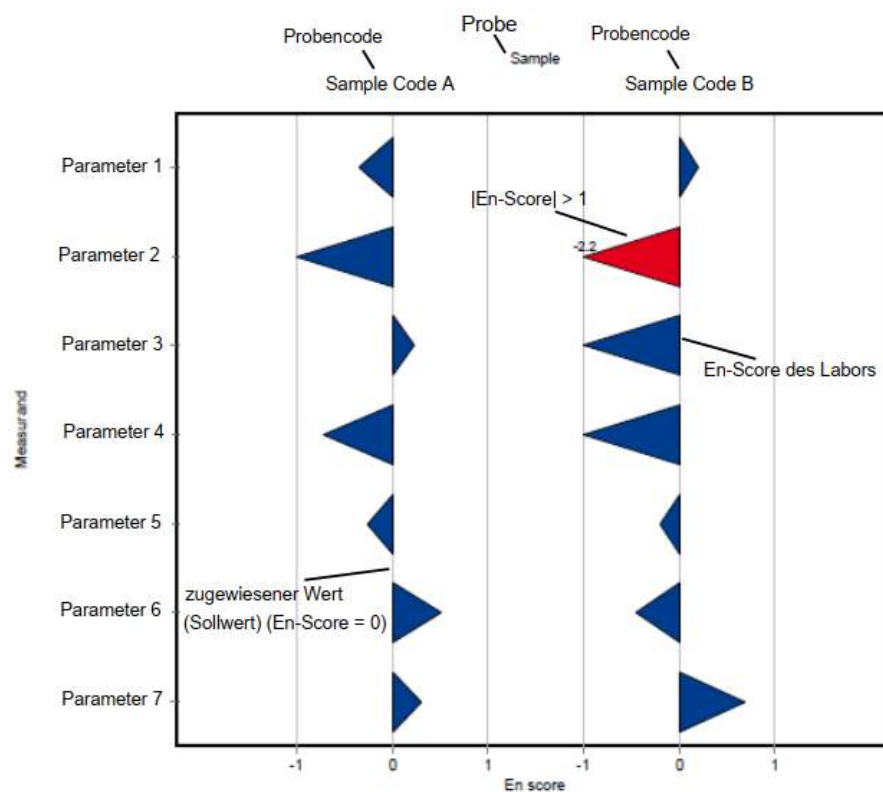


Unterschiedliche Analysenmethoden werden mit unterschiedlichen Farben kenntlich gemacht.

Beispieldiagramm: z-Score (labororientierte Auswertung)



Beispieldiagramm: En-Score (labororientierte Auswertung)



D6. Zusammenfassung

D6.1. Tabelle der zugewiesenen Werte

Parameter	Probe	Einheit	zugewiesener Wert	±	U (k=2)	Kriterium	Kriterium [%]
Antimon	AB16	mg/kg TM	167	±	7.62	18.4	11
Arsen	AB16	mg/kg TM	16.6	±	1.64	3.99	24
Barium	AB16*	mg/kg TM	-	±	-	-	-
Benzo[a]pyren	AB16	mg/kg TM	4.86	±	0.538	1.36	28
Cadmium	AB16	mg/kg TM	5.14	±	0.16	0.514	10
Chrom	AB16	mg/kg TM	384	±	19.5	46.1	12
Cobalt	AB16	mg/kg TM	69.6	±	4.24	9.75	14
Kupfer	AB16	mg/kg TM	2610	±	80.7	261	10
Trockenmasse	AB16	%	97.9	±	0.143	1.47	1.5
KW-Index	AB16	mg/kg TM	258	±	51.7	124	48
Blei	AB16	mg/kg TM	367	±	14.2	36.7	10
Glühverlust (550°C)	AB16	% TM	5.08	±	0.197	0.508	10
Quecksilber	AB16	mg/kg TM	0.0312	±	0.00664	0.00997	32
Molybdän	AB16	mg/kg TM	79.7	±	3.49	8.77	11
Nickel	AB16	mg/kg TM	319	±	13.8	35	11
Selen	AB16	mg/kg TM	2.47	±	0.315	0.52	21
Silber	AB16	mg/kg TM	6.68	±	0.673	1.34	20
Summe 16 PAK (nach EPA)	AB16	mg/kg TM	33.1	±	2.36	5.63	17
Zinn	AB16	mg/kg TM	168	±	10.1	23.5	14
TOC (als C)	AB16	mg/kg TM	17700	±	817	1950	11
TOC_(ON L1080)	AB16	% TM	2.24	±	0.509	0.65	29
Vanadium	AB16	mg/kg TM	70.7	±	2.57	7.07	10
Zink	AB16	mg/kg TM	3120	±	73	312	10

*Für nachfolgenden Parameter kann kein zugewiesener Wert ermittelt werden (Vergleichsstandardabweichung >50%). Daher ist zur Information der berechnete Mittelwert MW+/- U (k=2) über die Daten der akkreditierten Labore (n) nach Ausreißerbereinigung angeführt. Dieser kann zum Vergleich im Rahmen Ihrer internen QS-Maßnahmen herangezogen werden.

AB16 Barium: MW (n=17, akkr.) +/- U (k=2): 2860 +/- 997 mg/kg TM

D6.2. Zusammenfassung der ausreißerbereinigten Ringversuchsergebnisse

Parameter	Probe	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Einheit	Mittelwert	± VB (99%)	Minimum	Maximum	sR	vR [%]
Antimon	AB16	22	1	mg/kg TM	167	± 11.4	133	202	17.9	11
Arsen	AB16	23	0	mg/kg TM	16.6	± 2.46	9.58	24.2	3.94	24
Barium	AB16	18	0	mg/kg TM	2820	± 1420	224	5980	2010	71
Benzo[a]pyren	AB16	27	0	mg/kg TM	4.84	± 0.779	2.73	8.41	1.35	28
Cadmium	AB16	23	1	mg/kg TM	5.14	± 0.24	4.43	5.98	0.383	7.5
Chrom	AB16	24	0	mg/kg TM	386	± 28.5	291	498	46.6	12
Cobalt	AB16	22	0	mg/kg TM	69.6	± 6.35	51.1	85.4	9.93	14
Kupfer	AB16	24	0	mg/kg TM	2610	± 121	2180	2990	198	7.6
Trockenmasse	AB16	29	1	%	97.9	± 0.215	97.2	98.8	0.386	0.39
KW-Index	AB16	26	0	mg/kg TM	256	± 70.8	94.8	513	120	47
Blei	AB16	24	0	mg/kg TM	367	± 21.2	299	448	34.7	9.5
Glühverlust (550°C)	AB16	29	1	% TM	5.08	± 0.285	3.91	6.3	0.512	10
Quecksilber	AB16	10	2	mg/kg TM	0.0304	± 0.00919	0.02	0.0473	0.00969	32
Molybdän	AB16	23	0	mg/kg TM	79.7	± 5.23	65.3	94.7	8.36	10
Nickel	AB16	24	0	mg/kg TM	319	± 20.7	262	396	33.7	11

Parameter	Probe	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Einheit	Mittelwert	± VB (99%)	Minimum	Maximum	sR	vR [%]
Selen	AB16	11	1	mg/kg TM	2.47	± 0.473	1.48	3.37	0.523	21
Silber	AB16	16	1	mg/kg TM	6.68	± 1.01	3.78	9.38	1.35	20
Summe 16 PAK (nach EPA)	AB16	25	2	mg/kg TM	33.1	± 3.25	21.7	44.6	5.42	16
Zinn	AB16	22	0	mg/kg TM	168	± 15.1	118	204	23.6	14
TOC (als C)	AB16	25	0	mg/kg TM	17700	± 1180	14200	21900	1970	11
TOC_(ON L1080)	AB16	6	1	% TM	2.24	± 0.764	1.65	3.35	0.624	28
Vanadium	AB16	20	2	mg/kg TM	70.7	± 3.86	61.9	81.6	5.75	8.1
Zink	AB16	23	1	mg/kg TM	3140	± 118	2750	3530	188	6

E1. Description of the proficiency test

E1.1. Design and implementation

- Number of registrations: 31
- Number of submitted data records: 30
- Dispatch of samples: September 16th, 2025
- Closing date for submission of data: October 14th, 2025

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 waste sample was prepared at the Umweltbundesamt in September 2025 by combination of pre-dried fractions of slag and contaminated soil/ash/pyrolysis coke waste mixture (≤ 0.5 mm). All sub-fractions were previously thoroughly mixed and homogenized and sieved at 0.5 mm. Fractionated shovelling was used to produce the test items for AB16 (0.3 kg).

The test items were dispatched on 16th of September 2025.

All participating laboratories received:

- 1 solid waste sample of 0.3 kg (AB16) - particle size ≤ 0.5 mm, air-dried - filled in a 500 ml HDPE vessel

E1.3. Instructions for the participants

For reasons of stability, it was recommended to start the analysis by the 24th of September 2025 at the latest.

All participants received the following information via sample dispatch and via sample shipping email dated 16th of September 2025:

‘The sample must be homogenized before sample intake. Please note that the total metal contents are to be determined according to the requirements of the Landfill Ordinance (aqua regia digestion). Please be sure to specify the standard for digestion or extraction procedure (incl. extraction agent, extraction method) as well as the standard for the analysis method in Ringdat Online in column ‘Standard/Method’.

The result for the TOC determination according to Landfill Ordinance shall be entered in the lines for parameter 'TOC' in unit mg/kg dm. For the additional parameter 'TOC_(ON L1080)' only the standard ÖNORM L1080:2021-12-15 must be applied (result in %, related to dry mass).

We kindly ask you to provide the following information on receipt of the samples in the online form for input of results (see link): sample receipt date, condition of the samples.

The following parameters are evaluated in mg/kg dm in sample AB16: Sb, As, Ba, Pb, Cd, Cr, Co, Cu, Mo, Ni, Hg, Se, Ag, V, Zn, Sn, TOC, hydrocarbon index, PAH (sum of 16 EPA), benzo(a)pyrene. Exceptions: Dry matter is evaluated in unit %; TOC_(ON L1080) and loss on ignition (550°C) are evaluated in % dm, respectively.'

In addition, the participants were free to choose 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. N=5 control test samples were transferred to the laboratories for control testing.

The total contents (metals, dry mass) were analysed in the testing laboratory at the Environment Agency Austria (Prüfstelle für Umwelt-, GVO- & Treibstoffanalytik) close to the time of sample dispatch.

The determination of TOC, hydrocarbon index, sum of 16 PAH (EPA) as well as benzo(a)pyrene, loss on ignition (LOI 550°C) and TOC_(ON L1080) was subcontracted to an external laboratory (accredited to EN ISO/IEC 17025, concealed allocation, anonymized samples) and was carried out until the submission deadline (TOC, TOC_(ON L1080), LOI 550°C) or in the week of reporting (BaP, sum of 16 PAHs).

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 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 14th of October 2025. Any values received at a later date were not considered.

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

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

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

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

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

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 ($v_R > 50 \%$)

and/or insufficient traceability of the calculated mean of all participants after outlier-clearing to the mean of control testing or if the number of results (without outliers) of the group of accredited testing laboratories is too low.

In this case, a clear statement in section E7 of the report is made and all provided statistical data are for information only. In section E4 further information is given, when applicable, for each parameter and proficiency test item. In course of the internal quality 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 on the basis of the following formula:

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

In this context,

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

E2.2. Performance criterion E_n-Score

In addition, an assessment of the participants' results using E_n-Scores for proficiency testing of real samples is performed. This additional assessment takes into account the expanded measurement uncertainties of the participants' results and the expanded

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

E_n-Scores were calculated on the basis of the following formula:

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

In this context,

x_i	is the measurement value (result) of the participating laboratory
$\bar{X}$	assigned value the target value for the assessment of the performance of the participants (3 significant digits), normally the average value of the participants' results after removal of outliers; if this approach is not applicable, the target value is assigned according to the procedure given in section E4
$U(x_i)$	expanded measurement uncertainty for the result of the participating laboratory, 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 taken into account. 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 taken into account. $|E_n\text{-Score}| > 1.0$ 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 (see current round: HC-index, mercury, TOC_(ON L1080), benzo[a]pyrene).

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.

Parameter silver, arsenic, cobalt, molybdenum, nickel, antimony, selenium, tin and TOC_(ON L1080) in sample AB16: Scores for all listed parameters were calculated according to E2.

For TOC_(ON L1080), only results according to ÖNORM L1080 (combustion temperature at 600°C) were used for evaluation, therefore one result was eliminated as a technical outlier for methodological reasons (LC0007).

Parameters chromium, mercury, vanadium, zinc, HC-index, TOC (as C), sum 16 PAHs, benzo[a]pyrene and LOI for sample AB16: The assigned values calculated based on the participants' results were outside of the measurement uncertainty of the control test value or traceability could not be proven by this procedure. Therefore, new

assigned values were defined by the group of accredited participating laboratories after outlier-assessment.

Parameters cadmium, copper, lead, vanadium, zinc, LOI and dry mass for sample AB16: For each of the parameters cadmium, copper, lead, vanadium, zinc and LOI reproducibility standard deviations (vR) of 10 % were chosen for assessment (rounded up). For the parameter dry mass a reproducibility standard deviation (vR) of 1.5 % was defined for assessment.

For HC-index and sum 16 PAH the reproducibility standard deviations (vR) were calculated based on the data of accredited participating laboratories after outlier-assessment (vR 48 % for HC-index, vR 17 % for sum 16 PAH).

For barium, a total of n=18 results were available for evaluation (no outliers to Hampel), of which n=17 were from accredited laboratories. The relative reproducibility standard deviation between all results for barium after digestion was very high (vR 71 %), which was confirmed by the group of accredited laboratory results (vR 72 %).

It was therefore not possible to determine the assigned value for barium.

To verify potential factors influencing the determination of the elements (especially barium), participants were asked to provide additional information on the digestion method, sample intake, acid mixture (type, volume) and the method used to separate the solid residue after digestion.

The responses are summarized in the table in E9. Overview of methods.

Regarding the barium results, no clear conclusions can be drawn here, although higher sample intakes tend to be associated with lower barium results and, based on our own previous laboratory experience, leaving digestion solutions to stand for longer periods of time can lead to barium precipitation and thus lower barium levels. Some participants observed that the barium content increased with decreasing sample intake during digestion step, or that barium was not stable in the digestion solution or suspected that higher barium contents could be detected immediately after digestion. Other influencing factors could be the selected digestion conditions (e.g., gentle digestion according to EN 13657 or longer holding times at higher temperatures or alternative temperature programs).

For barium, we recommend a comparison with the informative values listed in E6.1 as part of your internal quality assurance measures, taking into account the above points (in particular, the digestion date and date of measurement).

E5. Annotations on tables and charts

E5.1. Information and abbreviations in tables

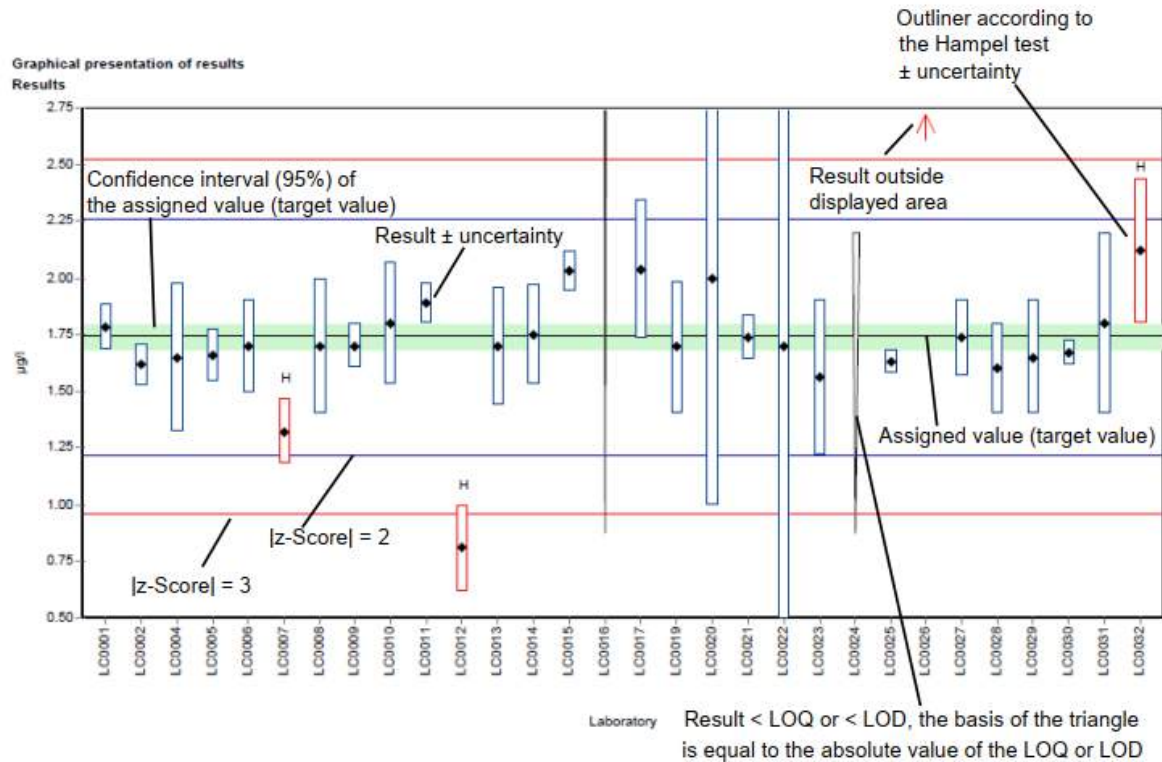
Parameter	Analyte identifier
Sample	Sample identifier
Unit	Given unit for result and uncertainty (e.g. mg/kg dm)
Assigned value	Target value for proficiency assessment of the participants (3 significant digits)
U (k=2)	Expanded uncertainty (k=2) of the assigned value (3 significant digits)
Criteria	Specified 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 participants results, without outliers (3 significant digits)
CI (99 %)	99 % confidence interval (3 significant digits)
Minimum	Minimum of all submitted results, after removal of outliers (3 significant digits)
Maximum	Maximum of all submitted results, after removal of outliers (3 significant digits)
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 $\pm$ U (k=2)	Mean of control test value $\pm$ expanded measurement uncertainty (3 significant digits)
Labcode	Laboratory identifier (anonymized)
Result $\pm$ 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 takes into account the measurement uncertainty of the participants.
-	No data available or no calculation possible
Comments	Comment on the respective result (e.g. H, FN, FP)
H	Outlier according to Hampel-Test
FN	False negative – for a result < LOQ or result < LOD: The absolute value of the LOQ or LOD fulfils the condition of an outlier according to the Hampel test.
FP	False positive – for parameters where no target value is available because of a too low analyte content ($n < 6$): Result that exceeds the median of the absolute values of the transmitted LOQs or LODs by more than 100 %.
Standard deviation	Reproducibility standard deviation, calculated from the participants results (3 significant digits)
Rel. standard deviation	Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, (3 significant digits)
n	Number of results
*	mark for additional comments

E5.2. Graphical presentation of results

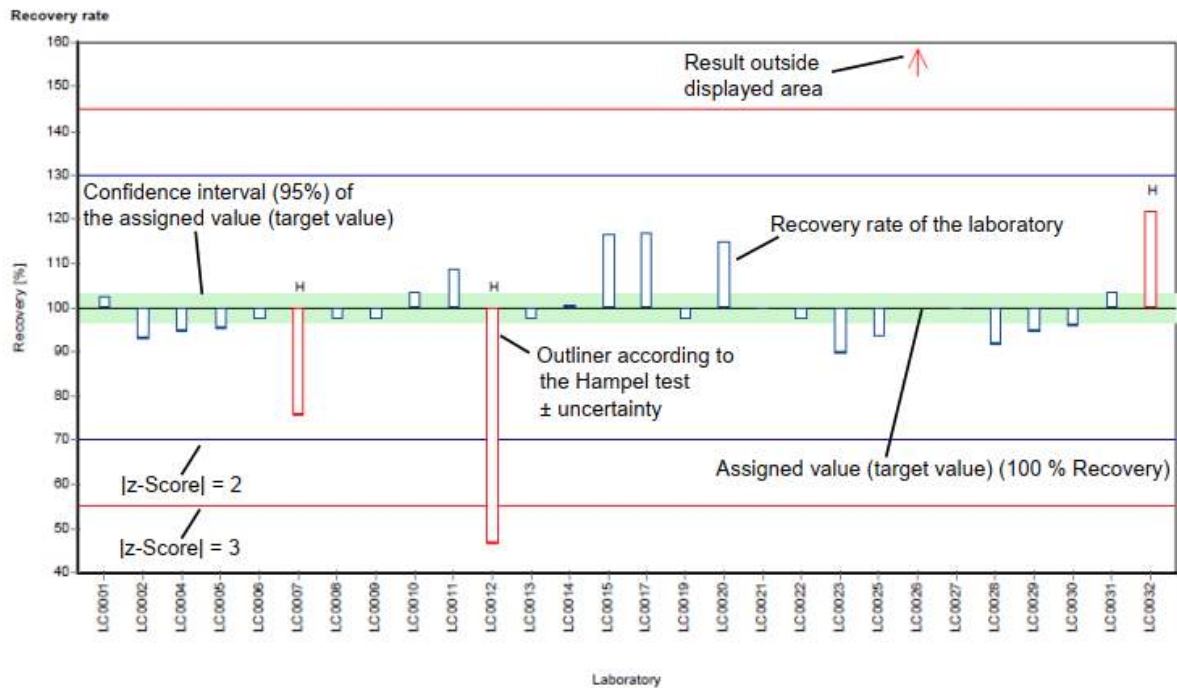
The graphic representation in the report is explained below by means of commented example diagrams:

Example chart: Results



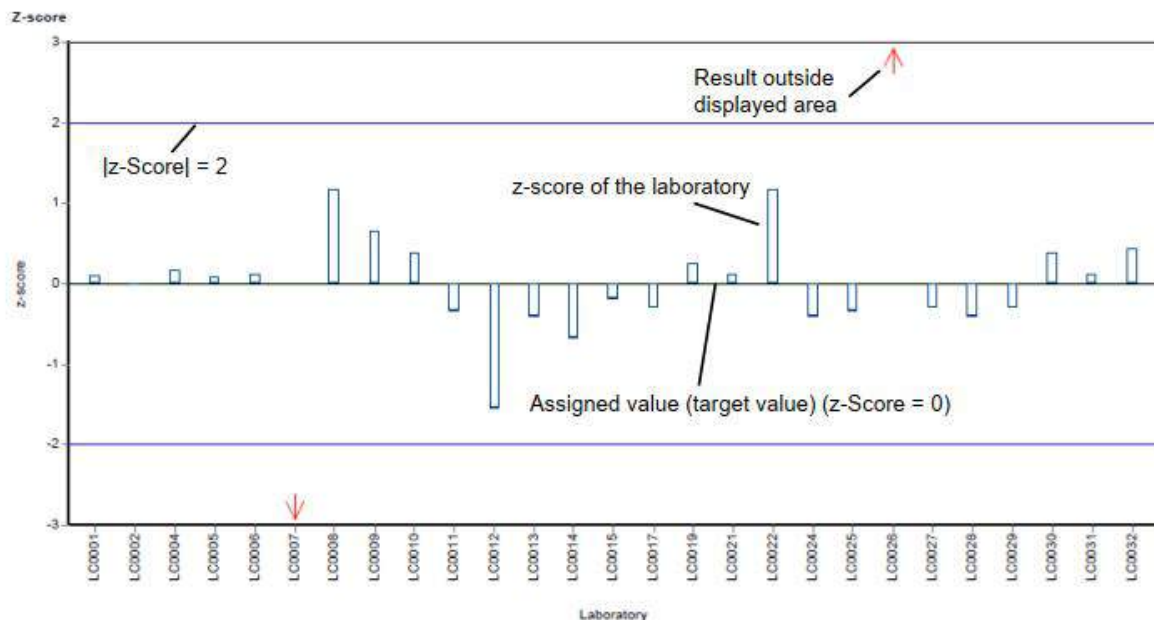
Different analysis methods are represented with different colors.

Example chart: Recovery



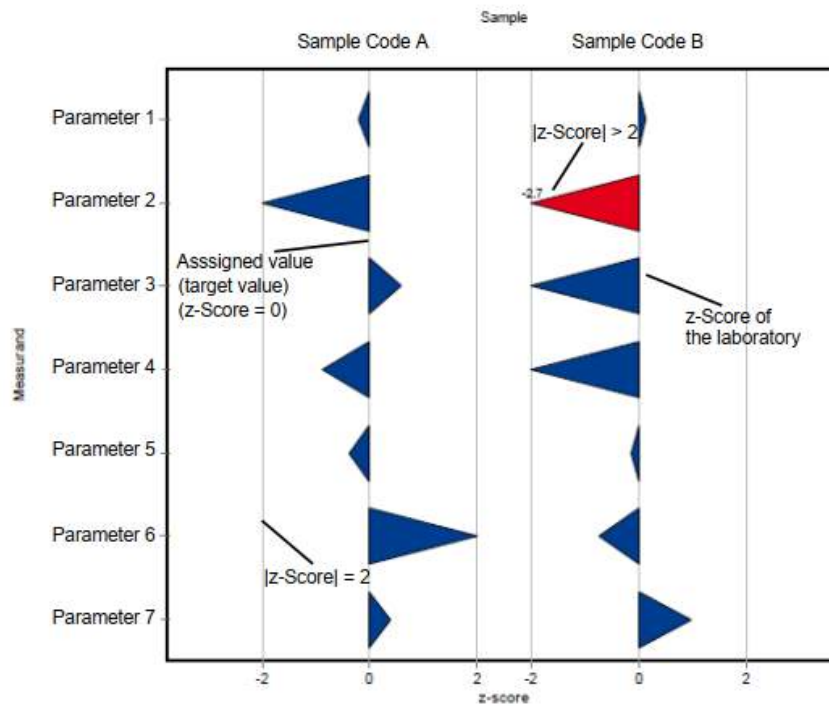
Different analysis methods are represented with different colors.

Example chart: z-Score

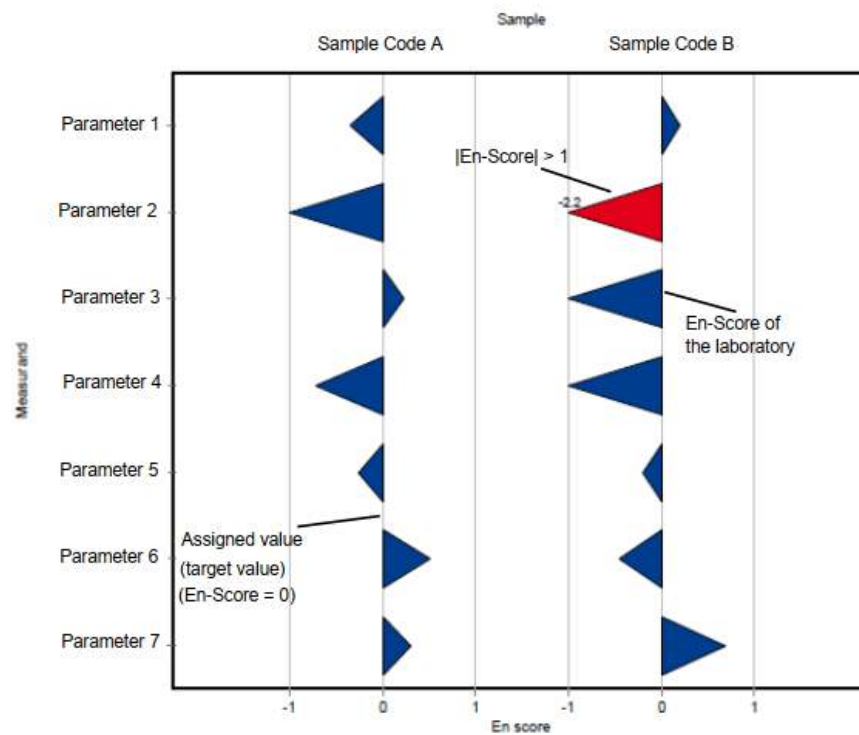


Different analysis methods are represented with different colors.

Example chart: z-Score (laboratory oriented report)



Example chart: En-Score (laboratory oriented report)



E6. Summary

E6.1. Table of assigned values

Parameter	Sample	Unit	Assigned value	±	U (k=2)	Criterion	Criterion [%]
Antimony	AB16	mg/kg DM	167	±	7.62	18.4	11
Arsenic	AB16	mg/kg DM	16.6	±	1.64	3.99	24
Barium	AB16*	mg/kg DM	-	±	-	-	-
Benzo[a]pyrene	AB16	mg/kg DM	4.86	±	0.538	1.36	28
Cadmium	AB16	mg/kg DM	5.14	±	0.16	0.514	10
Chromium	AB16	mg/kg DM	384	±	19.5	46.1	12
Cobalt	AB16	mg/kg DM	69.6	±	4.24	9.75	14
Copper	AB16	mg/kg DM	2610	±	80.7	261	10
Dry mass	AB16	%	97.9	±	0.143	1.47	1.5
HC-Index	AB16	mg/kg DM	258	±	51.7	124	48
Lead	AB16	mg/kg DM	367	±	14.2	36.7	10
LOI (550°C)	AB16	% DM	5.08	±	0.197	0.508	10
Mercury	AB16	mg/kg DM	0.0312	±	0.00664	0.00997	32
Molybdenum	AB16	mg/kg DM	79.7	±	3.49	8.77	11
Nickel	AB16	mg/kg DM	319	±	13.8	35	11
Selenium	AB16	mg/kg DM	2.47	±	0.315	0.52	21
Silver	AB16	mg/kg DM	6.68	±	0.673	1.34	20
Sum 16 PAH (acc. to EPA)	AB16	mg/kg DM	33.1	±	2.36	5.63	17
Tin	AB16	mg/kg DM	168	±	10.1	23.5	14
TOC (as C)	AB16	mg/kg DM	17700	±	817	1950	11
TOC_(ON L1080)	AB16	% DM	2.24	±	0.509	0.65	29
Vanadium	AB16	mg/kg DM	70.7	±	2.57	7.07	10
Zinc	AB16	mg/kg DM	3120	±	73	312	10

*Due to the high reproducibility standard deviation (>50%) for the following parameter no assigned value can be determined. Therefore, the calculated mean value MV +/- U (k=2) based on the data of the accredited laboratories (n) after outlier removal is listed for information and can be used for comparison as part of your internal QA measures.

AB16 Barium: MV (n=17, accr.) +/- U (k=2): 2860 +/- 997 mg/kg dm

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

Parameter	Sample	Number of results for calculation	Number of outliers	Unit	Mean	±	CI (99%)	Minimum	Maximum	sR	vR [%]
Antimony	AB16	22	1	mg/kg DM	167	±	11.4	133	202	17.9	11
Arsenic	AB16	23	0	mg/kg DM	16.6	±	2.46	9.58	24.2	3.94	24
Barium	AB16	18	0	mg/kg DM	2820	±	1420	224	5980	2010	71
Benzo[a]pyrene	AB16	27	0	mg/kg DM	4.84	±	0.779	2.73	8.41	1.35	28
Cadmium	AB16	23	1	mg/kg DM	5.14	±	0.24	4.43	5.98	0.383	7.5
Chromium	AB16	24	0	mg/kg DM	386	±	28.5	291	498	46.6	12
Cobalt	AB16	22	0	mg/kg DM	69.6	±	6.35	51.1	85.4	9.93	14
Copper	AB16	24	0	mg/kg DM	2610	±	121	2180	2990	198	7.6
Dry mass	AB16	29	1	%	97.9	±	0.215	97.2	98.8	0.386	0.39
HC-Index	AB16	26	0	mg/kg DM	256	±	70.8	94.8	513	120	47
Lead	AB16	24	0	mg/kg DM	367	±	21.2	299	448	34.7	9.5
LOI (550°C)	AB16	29	1	% DM	5.08	±	0.285	3.91	6.3	0.512	10
Mercury	AB16	10	2	mg/kg DM	0.0304	±	0.00919	0.02	0.0473	0.00969	32
Molybdenum	AB16	23	0	mg/kg DM	79.7	±	5.23	65.3	94.7	8.36	10
Nickel	AB16	24	0	mg/kg DM	319	±	20.7	262	396	33.7	11

Parameter	Sample	Number of results for calculation	Number of outliers	Unit	Mean	±	CI (99%)	Minimum	Maximum	sR	vR [%]
Selenium	AB16	11	1	mg/kg DM	2.47	±	0.473	1.48	3.37	0.523	21
Silver	AB16	16	1	mg/kg DM	6.68	±	1.01	3.78	9.38	1.35	20
Sum 16 PAH (acc. to EPA)	AB16	25	2	mg/kg DM	33.1	±	3.25	21.7	44.6	5.42	16
Tin	AB16	22	0	mg/kg DM	168	±	15.1	118	204	23.6	14
TOC (as C)	AB16	25	0	mg/kg DM	17700	±	1180	14200	21900	1970	11
TOC_(ON L1080)	AB16	6	1	% DM	2.24	±	0.764	1.65	3.35	0.624	28
Vanadium	AB16	20	2	mg/kg DM	70.7	±	3.86	61.9	81.6	5.75	8.1
Zinc	AB16	23	1	mg/kg DM	3140	±	118	2750	3530	188	6

E7. Parameterorientierte Auswertung / Parameter oriented report

Antimony	37
Arsenic	42
Barium.....	47
Benzo[a]pyrene	50
Cadmium.....	55
Chromium.....	60
Cobalt.....	65
Copper	70
Dry mass	75
HC-Index.....	80
Lead	85
LOI (550°C).....	90
Mercury	95
Molybdenum.....	100
Nickel	105
Selenium	110
Silver	115
Sum 16 PAH (acc. to EPA).....	120
Tin.....	125
TOC (as C).....	130
TOC_(ON L1080).....	135
Vanadium	140
Zinc	145

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Antimony

Parameter oriented report

AB16

Antimony

Unit mg/kg DM
Assigned value $\pm$ U (k=2) 167 ± 7.62
Criterion 18.4 (11 %)
Minimum - Maximum 133 - 202
Control test value $\pm$ U (k=2) 161 ± 33.8

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	139	17.4	83.1	-1.53	
LC0005	202.3	11.33	121	1.91	
LC0006	197	39	118	1.62	
LC0007	179	16	107	0.64	
LC0008	161	16.1	96.3	-0.34	
LC0009	160	24	95.7	-0.39	
LC0010	159.8	0.719	95.6	-0.4	
LC0011	172.57	31.646	103	0.29	
LC0012	-	-	-	-	
LC0013	95.61	28.68	57.2	-3.89	H
LC0014	-	-	-	-	
LC0015	180.96	13.9	108	0.75	
LC0016	170	17	102	0.15	
LC0017	-	-	-	-	
LC0018	163	9.1	97.5	-0.23	
LC0019	133	27	79.5	-1.86	
LC0020	171	8.25	102	0.2	
LC0021	173	13.8	103	0.31	
LC0022	160.7	29.8	96.1	-0.36	
LC0023	160	8.78	95.7	-0.39	
LC0024	170	39.1	102	0.15	
LC0025	-	-	-	-	
LC0026	173	34.6	103	0.31	
LC0027	136	35	81.3	-1.7	
LC0028	194	12	116	1.46	
LC0029	153	18.4	91.5	-0.77	
LC0030	170.8	33.137	102	0.19	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Antimony

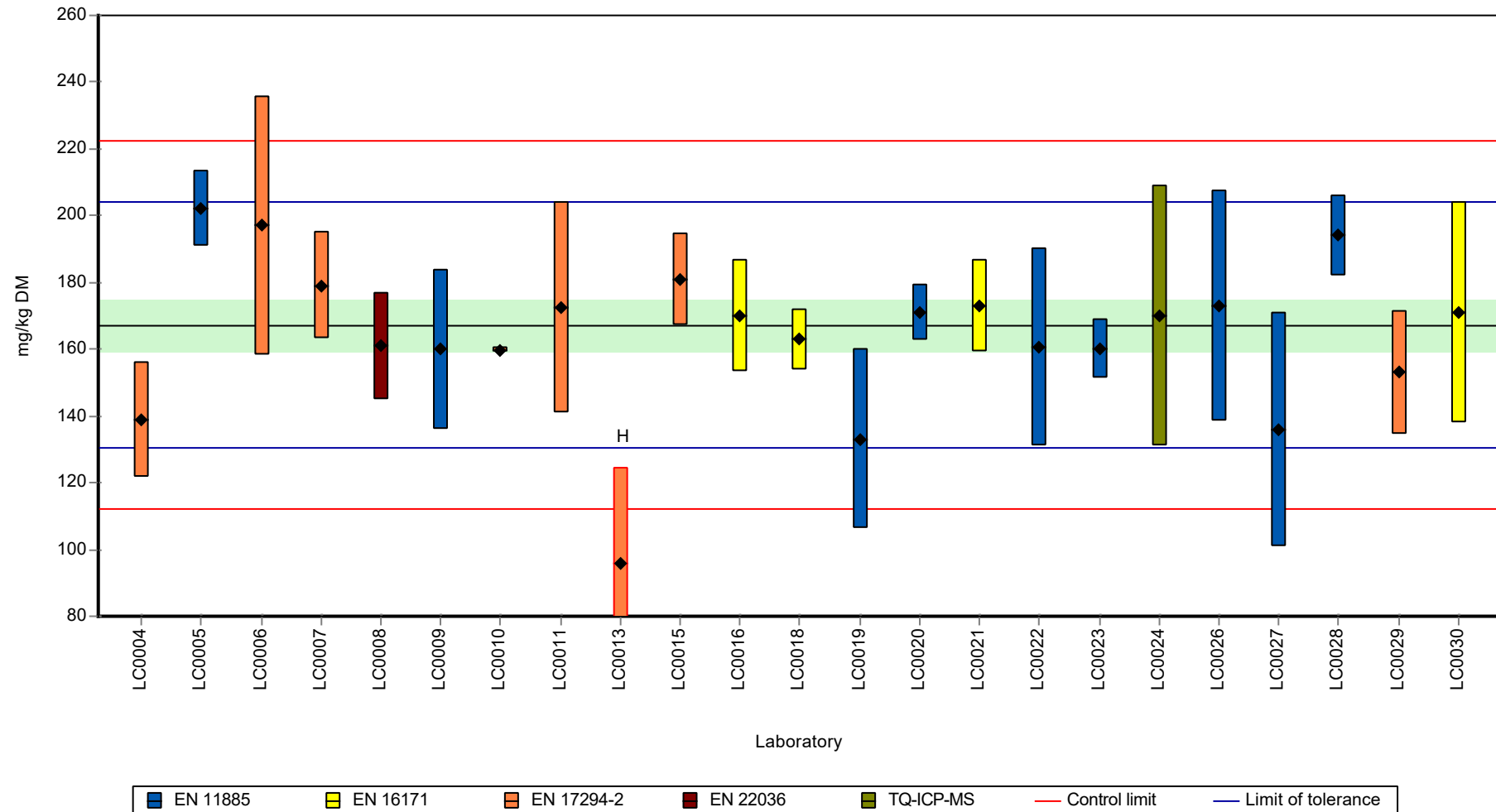
Characteristics of parameter			
	all results	without outliers	Unit
Mean $\pm$ CI (99%)	164 $\pm$ 14.4	167 $\pm$ 11.4	mg/kg DM
Minimum	95.6	133	mg/kg DM
Maximum	202	202	mg/kg DM
Standard deviation	23	17.9	mg/kg DM
rel. standard deviation	14	10.7	%
n	23	22	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Antimony

Graphical presentation of results

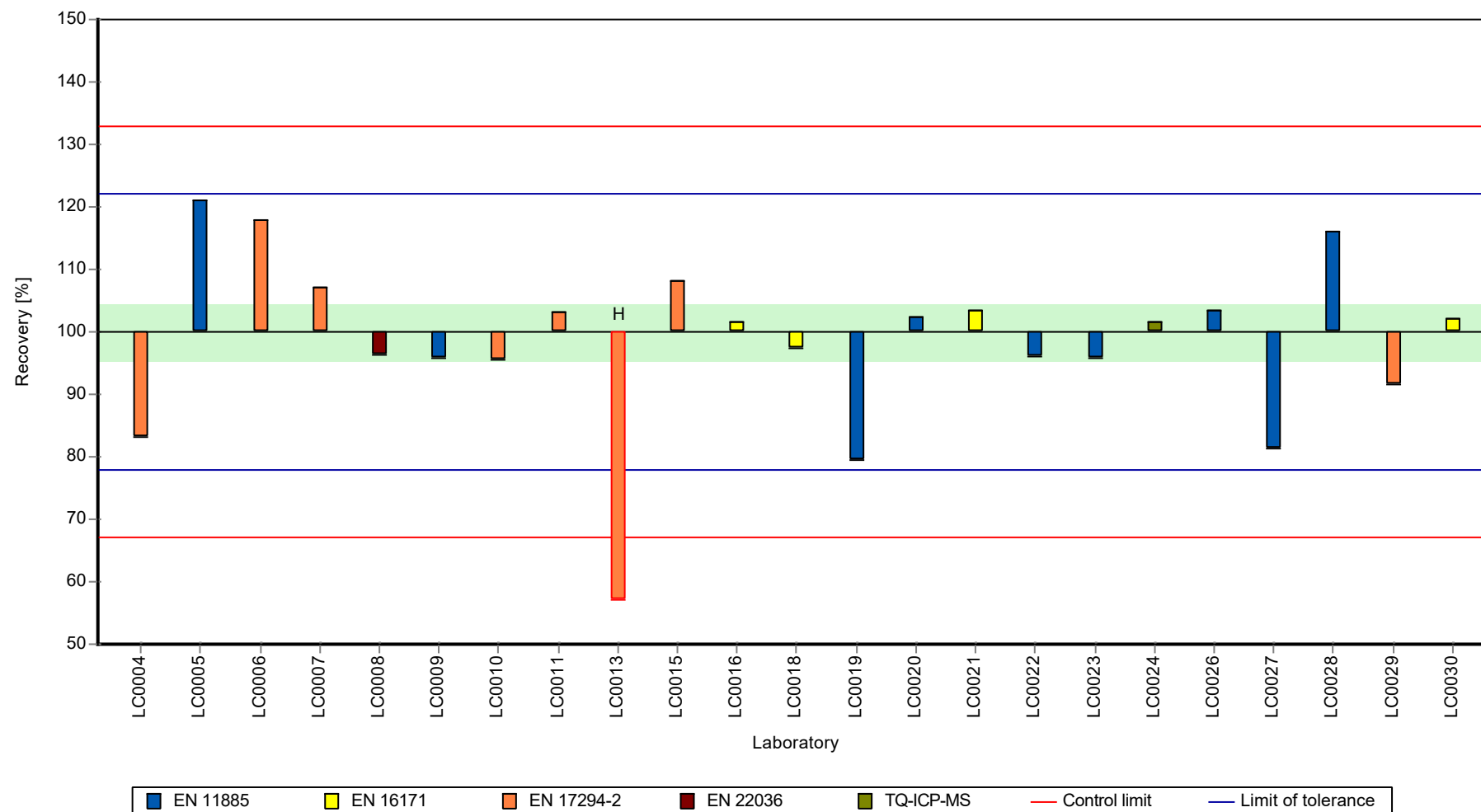
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Antimony

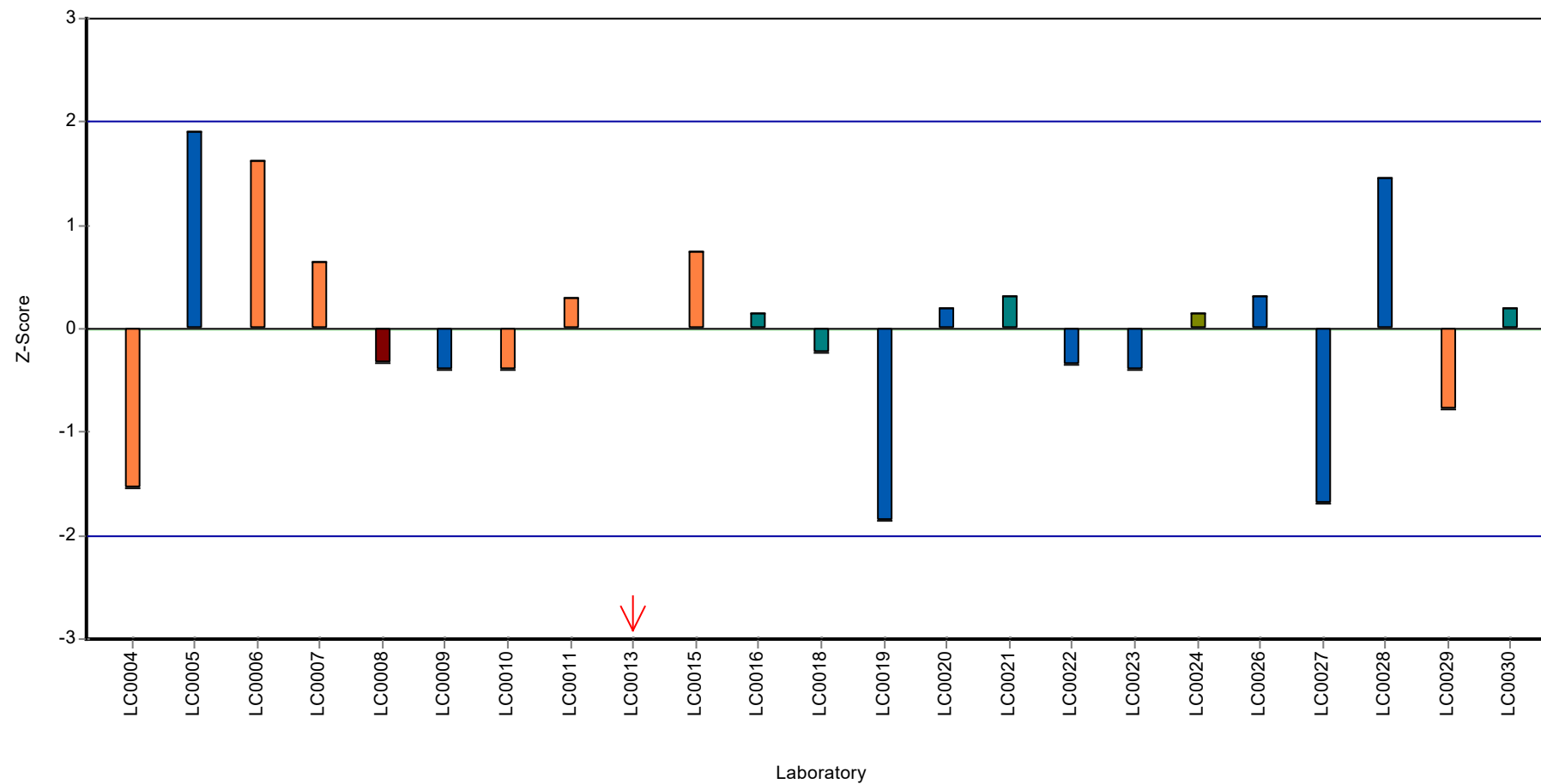
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Antimony

Z-score



■ EN 11885
 ■ EN 16171
 ■ EN 17294-2
 ■ EN 22036
 ■ TQ-ICP-MS
 — Control limit
 — Limit of tolerance

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Arsenic

Parameter oriented report

AB16

Arsenic

Unit	mg/kg DM
Assigned value $\pm$ U (k=2)	16.6 $\pm$ 1.64
Criterion	3.99 (24 %)
Minimum - Maximum	9.58 - 24.2
Control test value $\pm$ U (k=2)	18,1 $\pm$ 3.63

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	24.24	1.21	146	1.9	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	14.8	1.33	88.9	-0.46	
LC0005	10.13	0.5976	60.9	-1.63	
LC0006	21	4.2	126	1.09	
LC0007	10.2	0.53	61.3	-1.61	
LC0008	17.5	1.75	105	0.22	
LC0009	17.9	2.685	108	0.32	
LC0010	19	0.038	114	0.59	
LC0011	20.9	9.52	126	1.07	
LC0012	-	-	-	-	
LC0013	9.58	2.87	57.6	-1.77	
LC0014	-	-	-	-	
LC0015	16.498	2.21	99.1	-0.04	
LC0016	17	1.7	102	0.09	
LC0017	-	-	-	-	
LC0018	11	0.73	66.1	-1.41	
LC0019	11.1	2.2	66.7	-1.39	
LC0020	20.7	0.661	124	1.02	
LC0021	17.4	1.39	105	0.19	
LC0022	19.74	4.52	119	0.78	
LC0023	17.3	1.04	104	0.17	
LC0024	18.9	1.13	114	0.57	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	15.4	2.7	92.5	-0.31	
LC0028	18.3	0.7	110	0.42	
LC0029	16.2	2.75	97.4	-0.11	
LC0030	17.94	3.093	108	0.33	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Arsenic

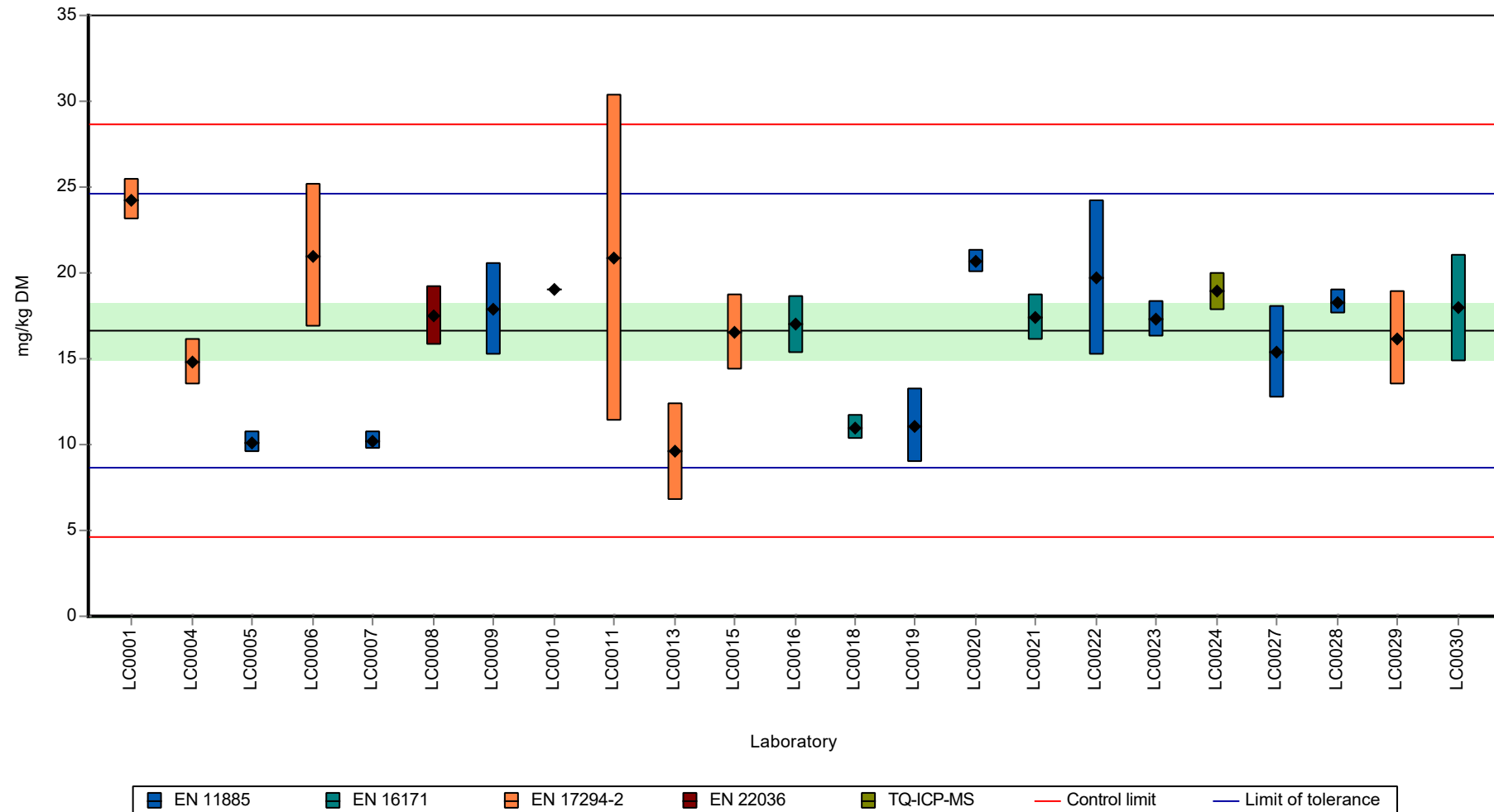
Characteristics of parameter			
	all results	w ithout outliers	Unit
Mean ± CI (99%)	16.6 ± 2.46	16.6 ± 2.46	mg/kg DM
Minimum	9.58	9.58	mg/kg DM
Maximum	24.2	24.2	mg/kg DM
Standard deviation	3.94	3.94	mg/kg DM
rel. standard deviation	23.7	23.7	%
n	23	23	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Arsenic

Graphical presentation of results

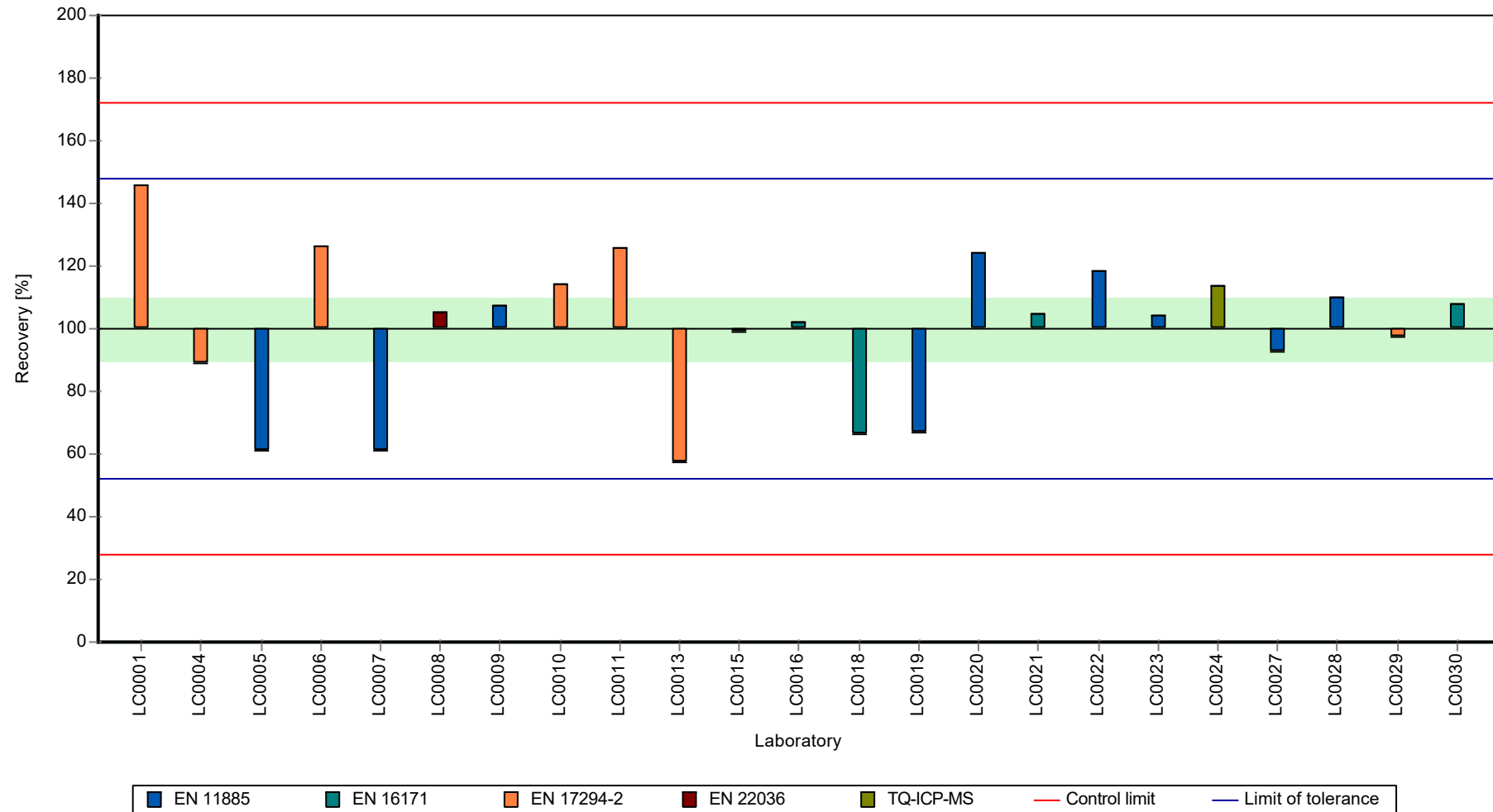
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Arsenic

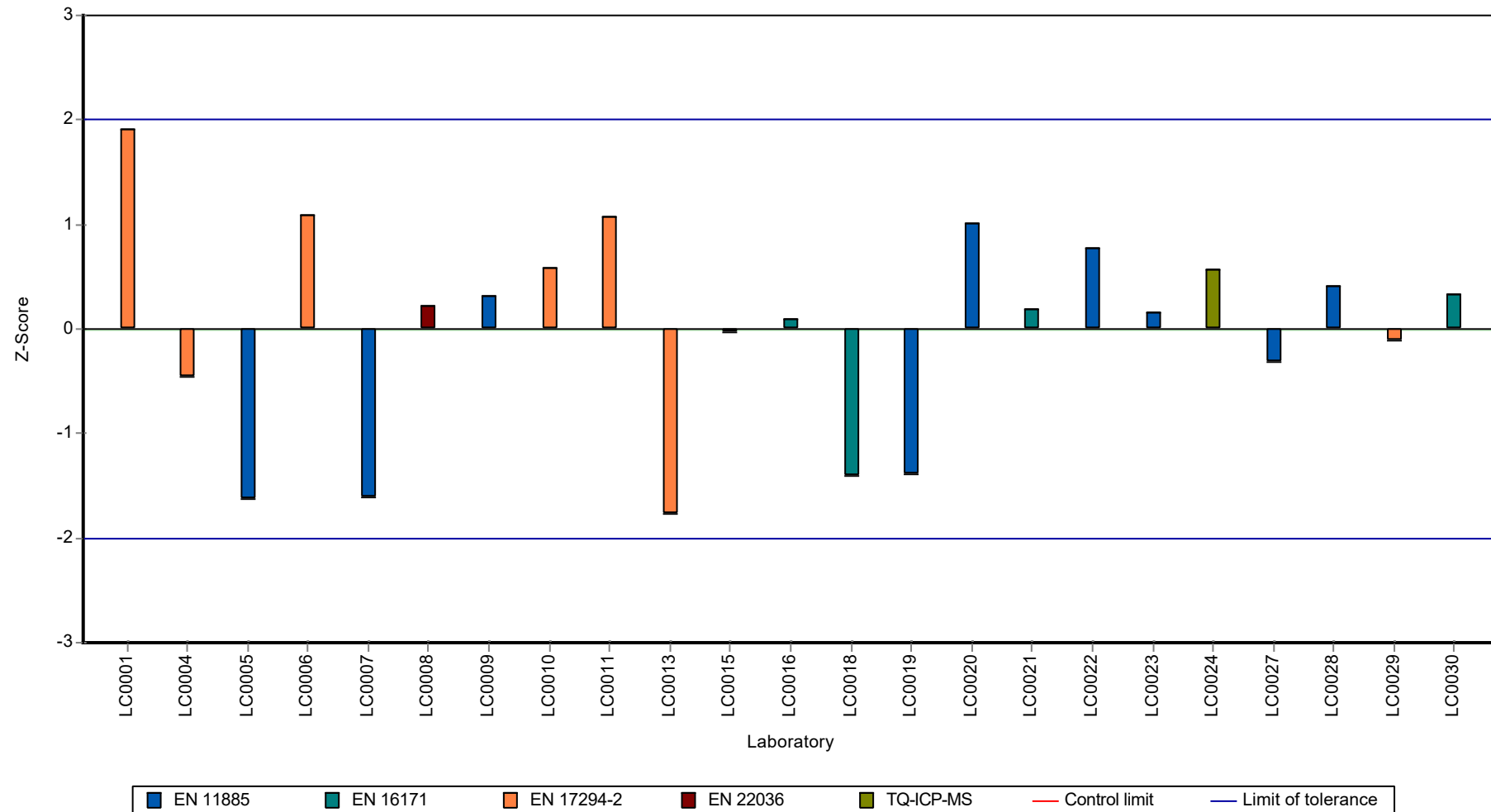
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Arsenic

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Barium

Parameter oriented report

AB16

Barium*

Unit	mg/kg DM
Assigned value $\pm$ U (k=2)	-
Criterion	-
Minimum - Maximum	224 - 5980
Control test value $\pm$ U (k=2)	2470 $\pm$ 543

*Due to the high reproducibility standard deviation (>50%) for the following parameter no assigned value can be determined. Therefore, the calculated mean value MV $\pm$ U (k=2) based on the data of the accredited laboratories (n) after outlier removal is listed for information and can be used for comparison as part of your internal QA measures.
Barium: MV (n=17, accr.) $\pm$ U (k=2): 2860 $\pm$ 997 mg/kg dm
(For details see discussion in E4. or D4.)

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	5410	1350	-	-	
LC0005	621.3	34.29	-	-	
LC0006	5980	1200	-	-	
LC0007	397	30	-	-	
LC0008	2820	282	-	-	
LC0009	3996	599	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	3691.9	515	-	-	
LC0016	4700	470	-	-	
LC0017	-	-	-	-	
LC0018	938	107	-	-	
LC0019	-	-	-	-	
LC0020	1994	320	-	-	
LC0021	3090	247	-	-	
LC0022	4169	1334	-	-	
LC0023	470	21.4	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	5504	770.56	-	-	
LC0027	472	70	-	-	
LC0028	4520	190	-	-	
LC0029	224	44.7	-	-	
LC0030	1685.9	215.804	-	-	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Barium

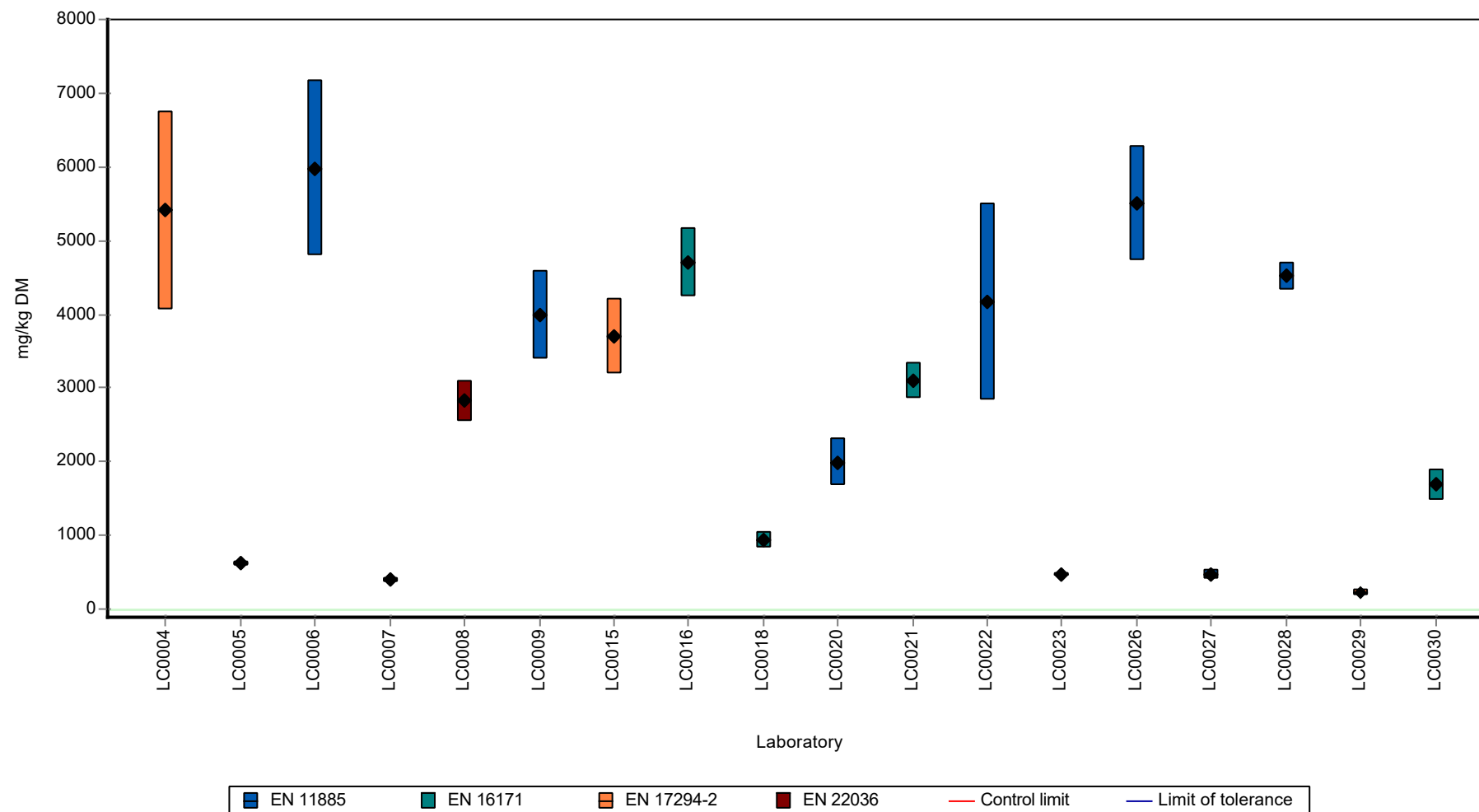
Characteristics of parameter			
	all results	w ithout outliers	Unit
Mean ± CI (99%)	2820 ± 1420	2820 ± 1420	mg/kg DM
Minimum	224	224	mg/kg DM
Maximum	5980	5980	mg/kg DM
Standard deviation	2010	2010	mg/kg DM
rel. standard deviation	71.2	71.2	%
n	18	18	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Barium

Graphical presentation of results

Results



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Benzo[a]pyrene

Parameter oriented report

AB16

Benzo[a]pyrene

Unit mg/kg DM
Assigned value $\pm$ U (k=2) 4.86 ± 0.538
Criterion 1.36 (28 %)
Minimum - Maximum 2.73 - 8.41
Control test value $\pm$ U (k=2) -

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	4.934	0.05	102	0.06	
LC0002	4.83	0.966	99.5	-0.02	
LC0003	3.87	1.16	79.7	-0.72	
LC0004	8.04	1.21	166	2.34	
LC0005	8.409	0.8914	173	2.61	
LC0006	3.89	0.78	80.1	-0.71	
LC0007	5.6	0.69	115	0.55	
LC0008	4.19	0.839	86.3	-0.49	
LC0009	5.24	0.786	108	0.28	
LC0010	3.9	0.98	80.3	-0.7	
LC0011	-	-	-	-	
LC0012	5.51	0.959	113	0.48	
LC0013	5.36	2.41	110	0.37	
LC0014	-	-	-	-	
LC0015	5.23	0.721	108	0.28	
LC0016	5.7	0.57	117	0.62	
LC0017	6.21	1.73	128	1	
LC0018	5.14	0.25	106	0.21	
LC0019	3.72	0.74	76.6	-0.83	
LC0020	4.37	0.31	90	-0.36	
LC0021	4.97	1.09	102	0.08	
LC0022	3.03	0.88	62.4	-1.34	
LC0023	5.77	0.44	119	0.67	
LC0024	5.31	0.637	109	0.33	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	3.1	0.45	63.9	-1.29	
LC0028	2.728	0.21	56.2	-1.56	
LC0029	3.39	1.017	69.8	-1.08	
LC0030	4.449	0.67	91.6	-0.3	
LC0031	3.71	0.45	76.4	-0.84	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Benzo[a]pyrene

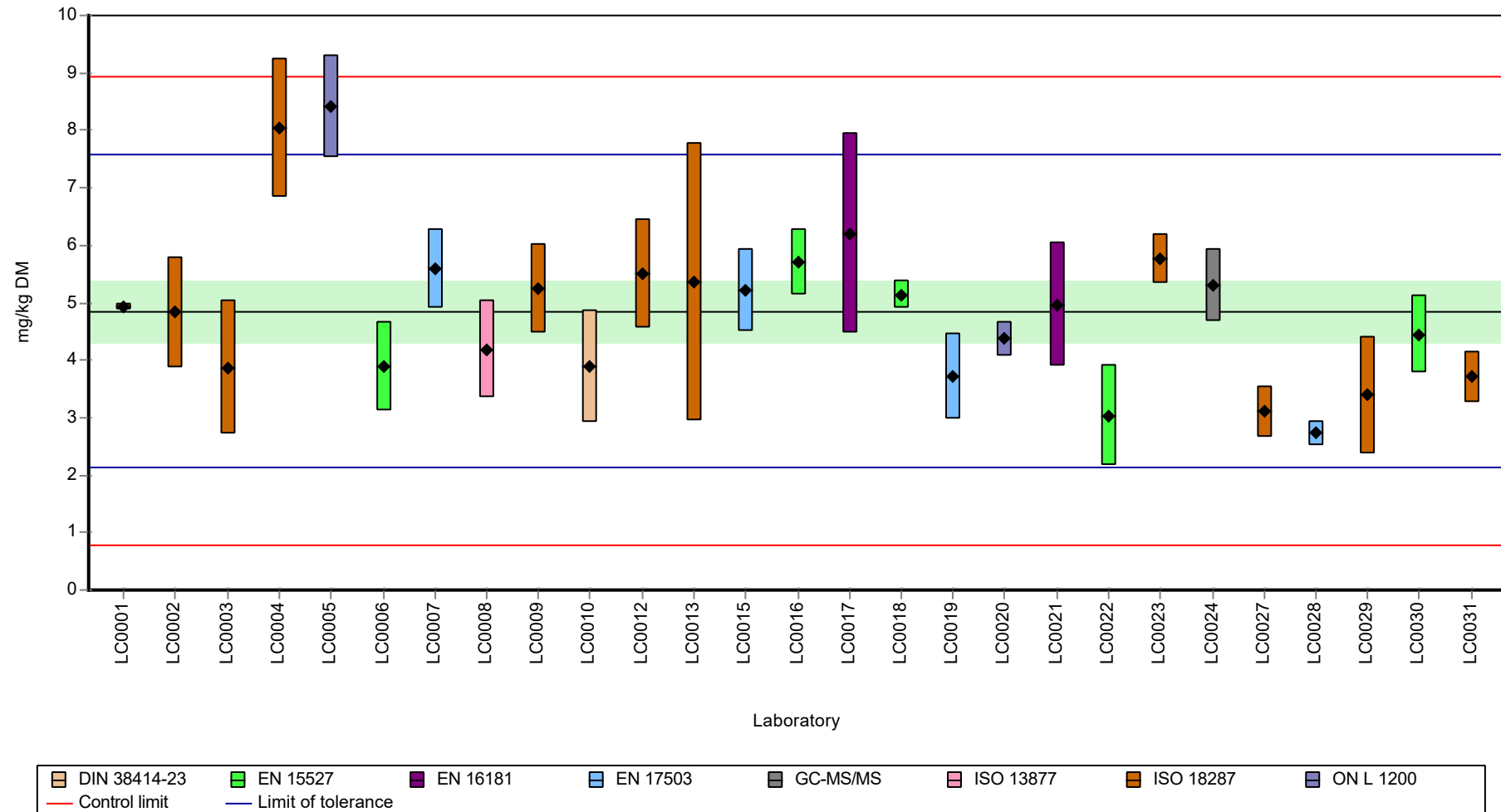
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	4.84 ± 0.779	4.84 ± 0.779	mg/kg DM
Minimum	2.73	2.73	mg/kg DM
Maximum	8.41	8.41	mg/kg DM
Standard deviation	1.35	1.35	mg/kg DM
rel. standard deviation	27.9	27.9	%
n	27	27	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Benzo[a]pyrene

Graphical presentation of results

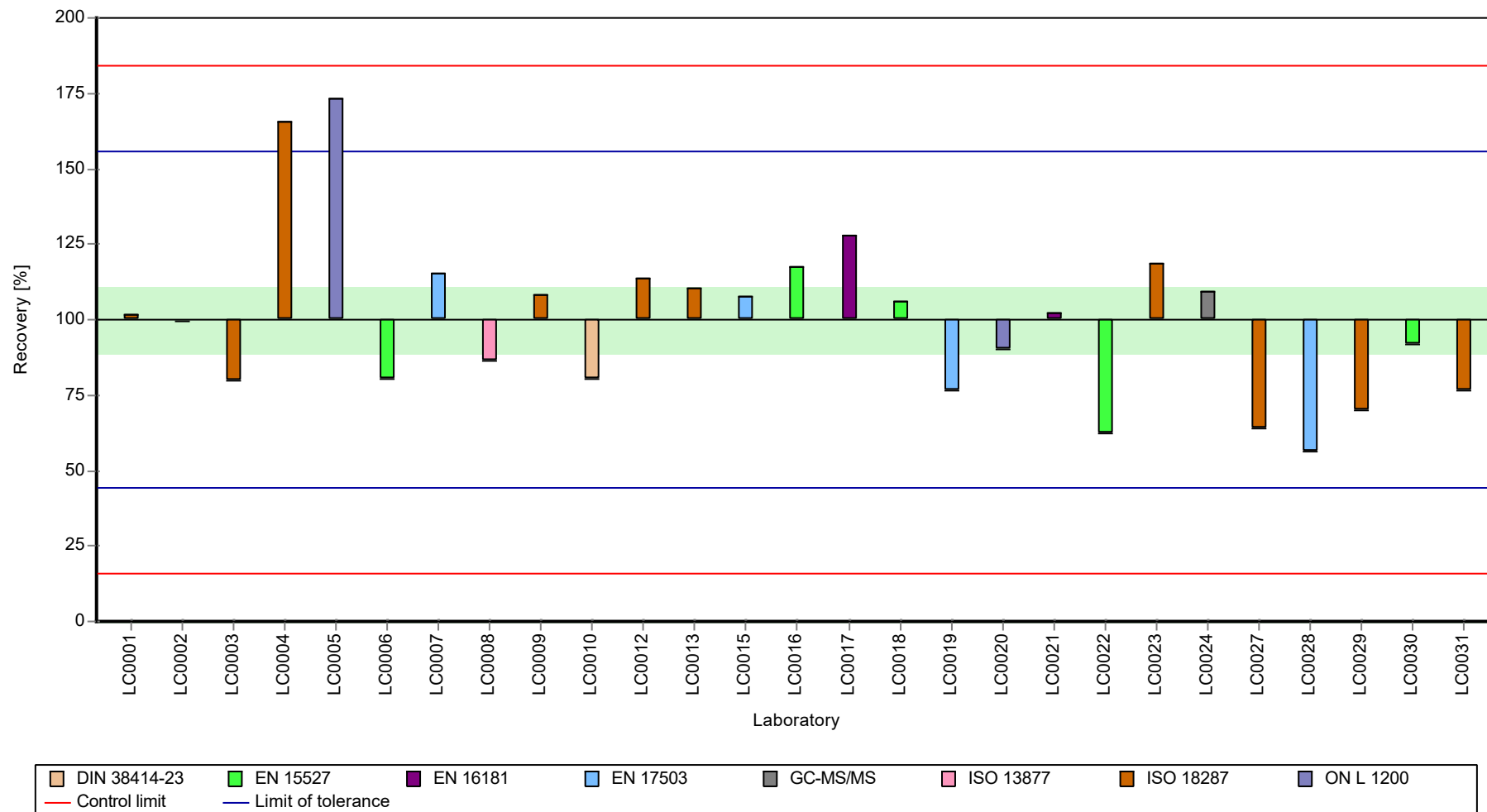
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Benzo[a]pyrene

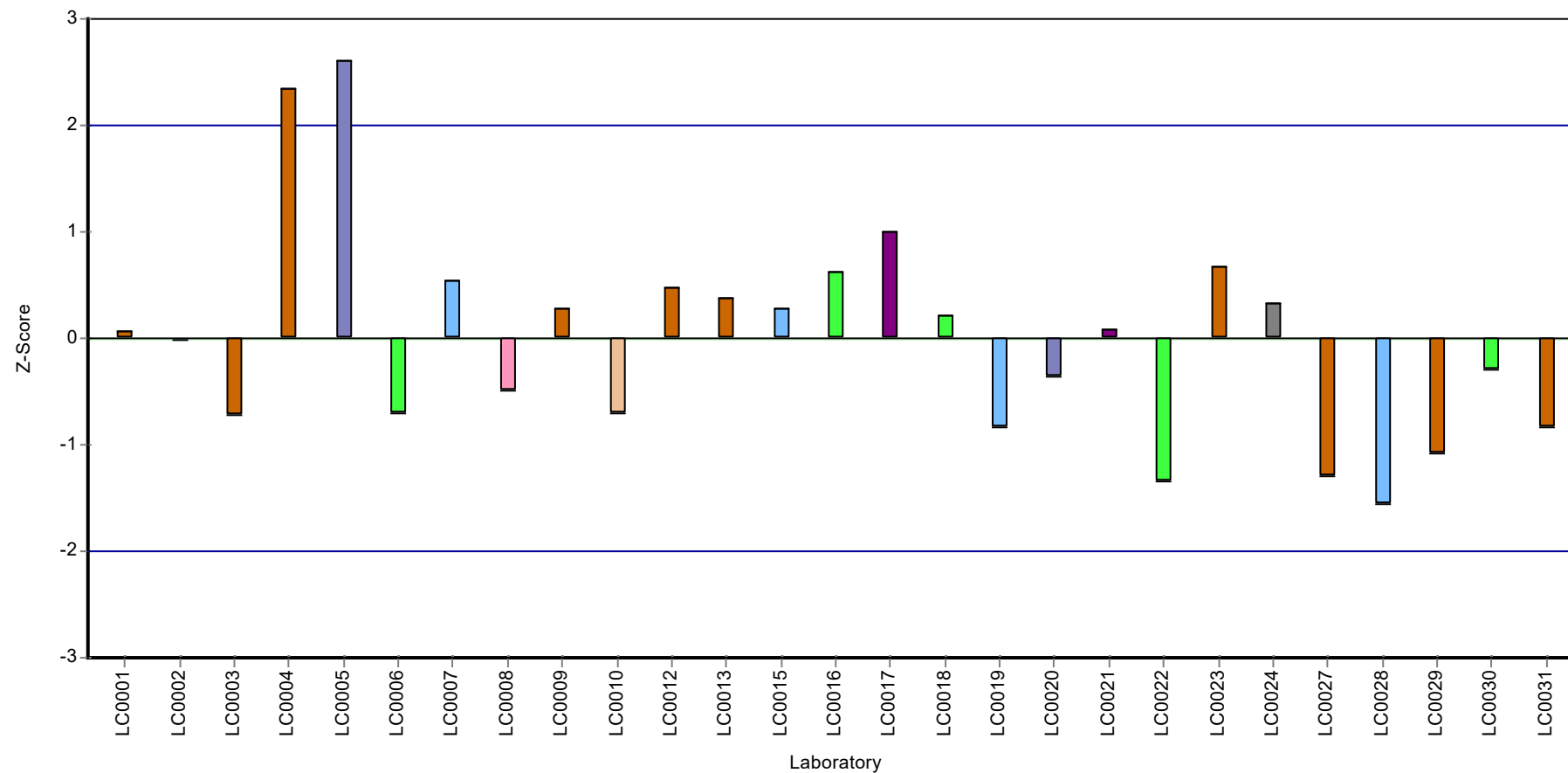
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Benzo[a]pyrene

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Cadmium

Parameter oriented report

AB16

Cadmium

Unit mg/kg DM
Assigned value $\pm$ U (k=2) 5.14 ± 0.16
Criterion 0.514 (10 %)
Minimum - Maximum 4.43 - 5.98
Control test value $\pm$ U (k=2) 5.37 ± 0.859

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	4.95	0.25	96.3	-0.37	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	4.96	0.621	96.5	-0.35	
LC0005	4.454	0.1603	86.7	-1.33	
LC0006	5.98	1.2	116	1.64	
LC0007	4.73	0.21	92	-0.8	
LC0008	4.66	0.699	90.7	-0.93	
LC0009	5.35	0.54	104	0.41	
LC0010	5.2	0.0156	101	0.12	
LC0011	5.079	0.215	98.8	-0.12	
LC0012	-	-	-	-	
LC0013	4.96	1.48	96.5	-0.35	
LC0014	-	-	-	-	
LC0015	5.96	1.13	116	1.6	
LC0016	5.3	0.053	103	0.31	
LC0017	-	-	-	-	
LC0018	5.39	0.11	105	0.49	
LC0019	3.85	0.77	74.9	-2.51	H
LC0020	5.34	0.19	104	0.39	
LC0021	5.11	0.409	99.4	-0.06	
LC0022	4.986	1.01	97	-0.3	
LC0023	5.4	0.23	105	0.51	
LC0024	5.23	0.26	102	0.18	
LC0025	-	-	-	-	
LC0026	5.14	0.67	100	0.00	
LC0027	4.43	0.75	86.2	-1.38	
LC0028	5.02	0.29	97.7	-0.23	
LC0029	5.13	0.56	99.8	-0.02	
LC0030	5.43	0.649	106	0.57	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Cadmium

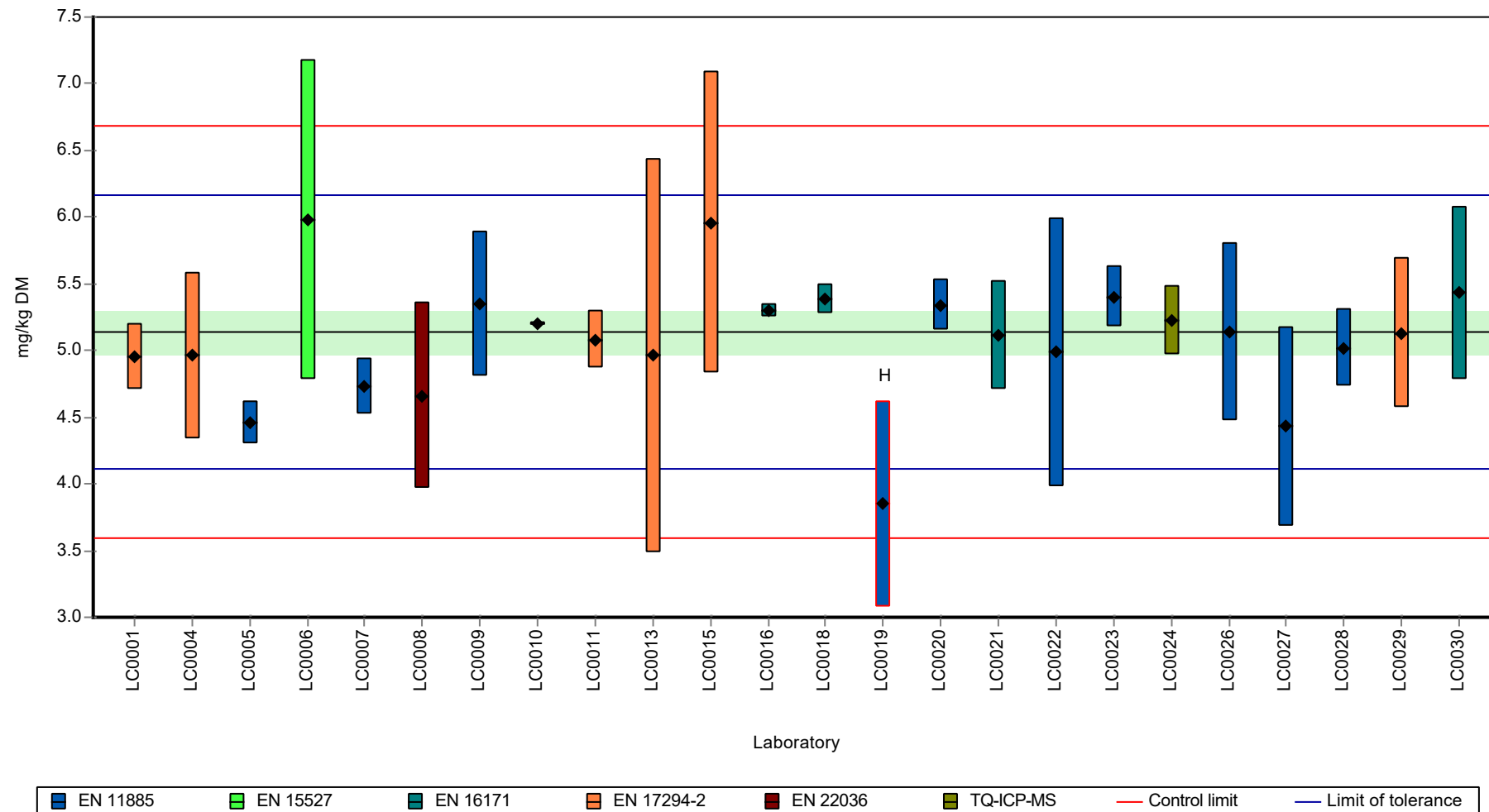
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	5.08 ± 0.28	5.14 ± 0.24	mg/kg DM
Minimum	3.85	4.43	mg/kg DM
Maximum	5.98	5.98	mg/kg DM
Standard deviation	0.458	0.383	mg/kg DM
rel. standard deviation	9	7.46	%
n	24	23	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Cadmium

Graphical presentation of results

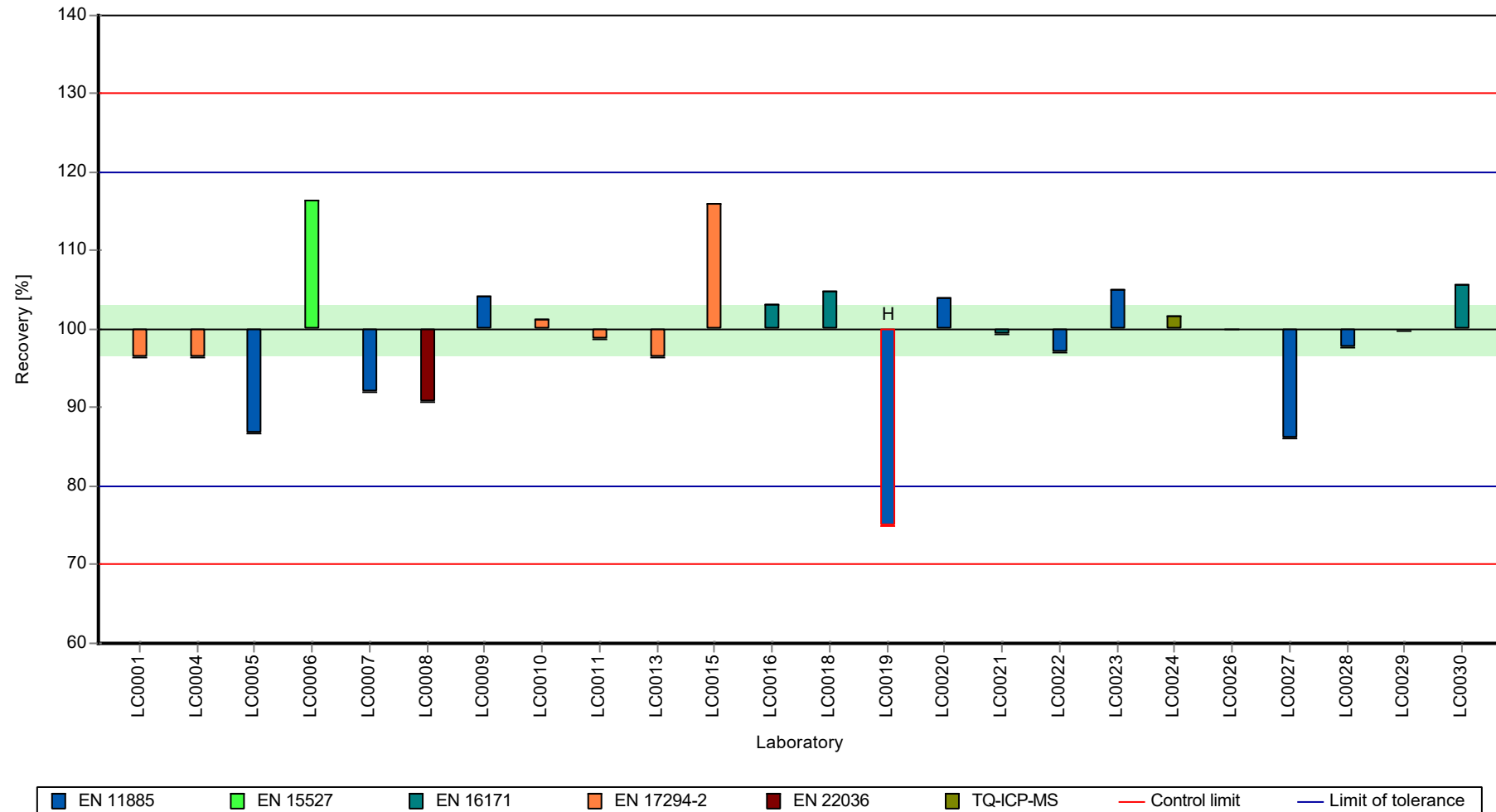
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Cadmium

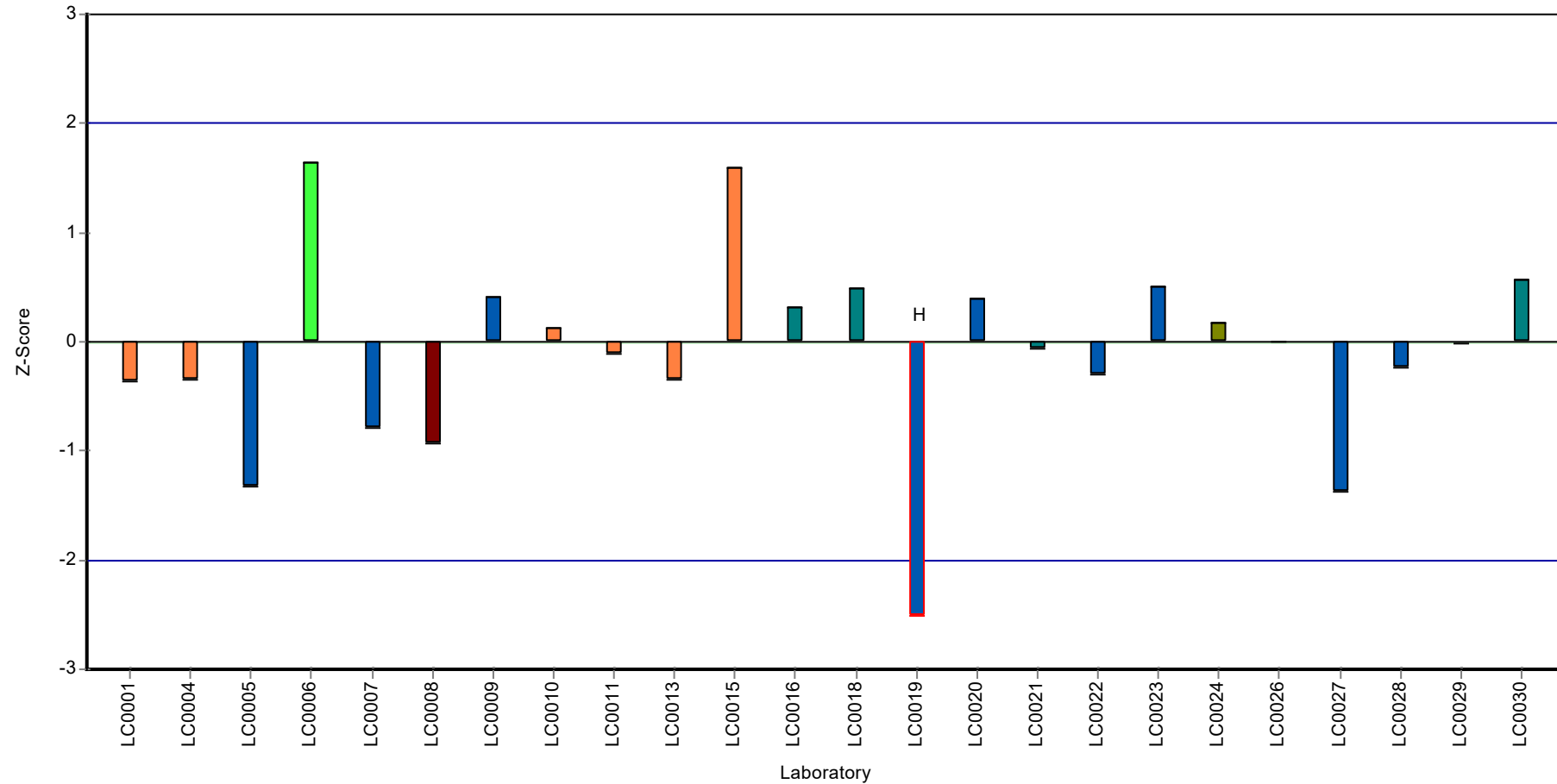
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Cadmium

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Chromium

Parameter oriented report

AB16

Chromium

Unit mg/kg DM
Assigned value $\pm$ U (k=2) 384 ± 19.5
Criterion 46.1 (12 %)
Minimum - Maximum 291 - 498
Control test value $\pm$ U (k=2) 275 ± 55

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	414.75	20.7	108	0.67	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	343	51.4	89.3	-0.89	
LC0005	374.3	15.12	97.5	-0.21	
LC0006	385	77	100	0.02	
LC0007	386	17	101	0.04	
LC0008	382	57.3	99.5	-0.04	
LC0009	365	36.5	95	-0.41	
LC0010	393.2	1.376	102	0.2	
LC0011	404.029	58.619	105	0.43	
LC0012	-	-	-	-	
LC0013	403.1	120.9	105	0.41	
LC0014	-	-	-	-	
LC0015	351.353	46.2	91.5	-0.71	
LC0016	400	40	104	0.35	
LC0017	-	-	-	-	
LC0018	366	14	95.3	-0.39	
LC0019	315	63	82	-1.5	
LC0020	425	57.6	111	0.89	
LC0021	357	28.6	93	-0.59	
LC0022	353.5	83.9	92	-0.66	
LC0023	379	11.7	98.7	-0.11	
LC0024	498	49.8	130	2.47	
LC0025	-	-	-	-	
LC0026	455.8	59.25	119	1.56	
LC0027	291	44	75.8	-2.02	
LC0028	452	23	118	1.47	
LC0029	333	40	86.7	-1.11	
LC0030	431.6	52.662	112	1.03	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Chromium

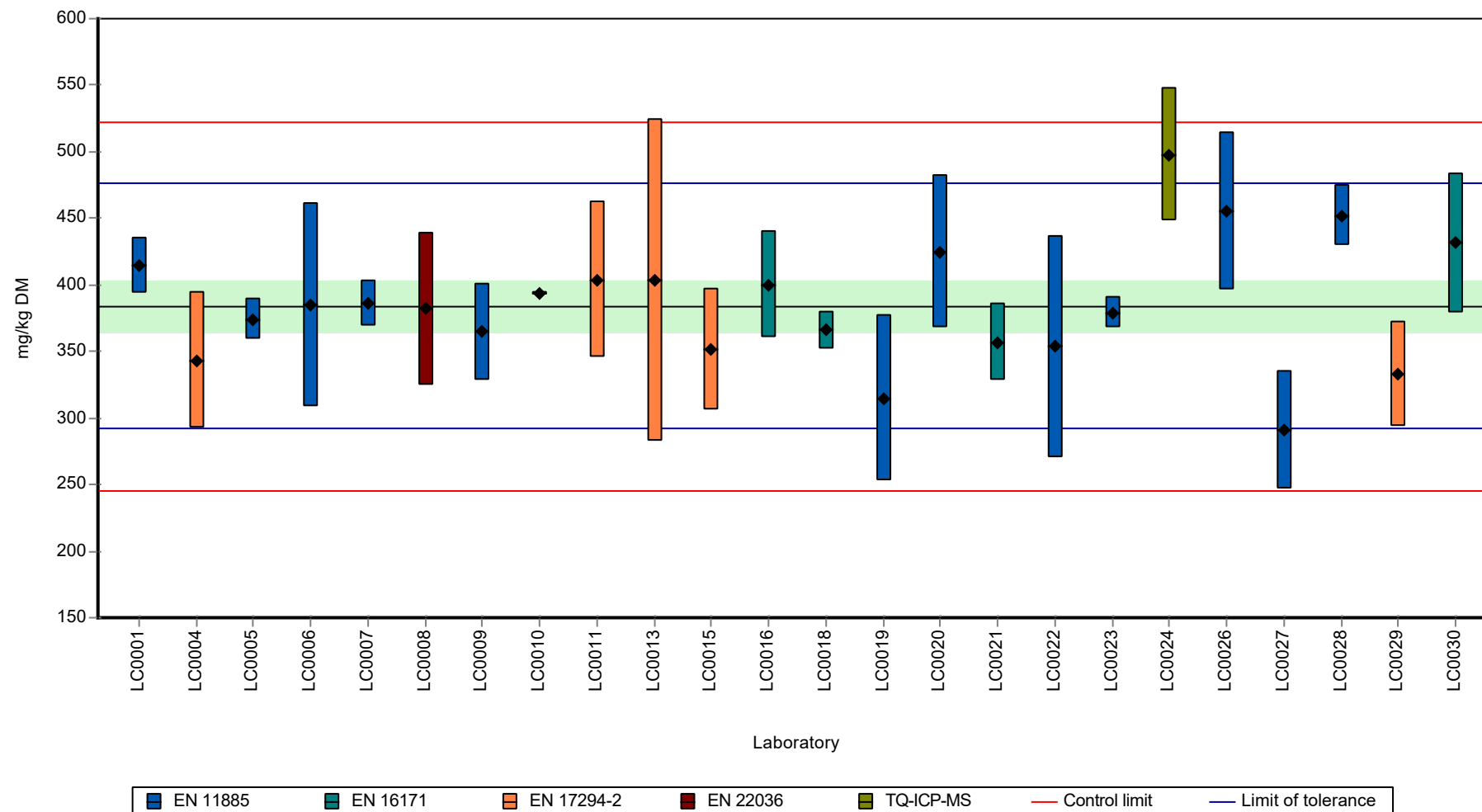
Characteristics of parameter			
	all results	without outliers	Unit
Mean $\pm$ CI (99%)	386 $\pm$ 28.5	386 $\pm$ 28.5	mg/kg DM
Minimum	291	291	mg/kg DM
Maximum	498	498	mg/kg DM
Standard deviation	46.6	46.6	mg/kg DM
rel. standard deviation	12.1	12.1	%
n	24	24	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Chromium

Graphical presentation of results

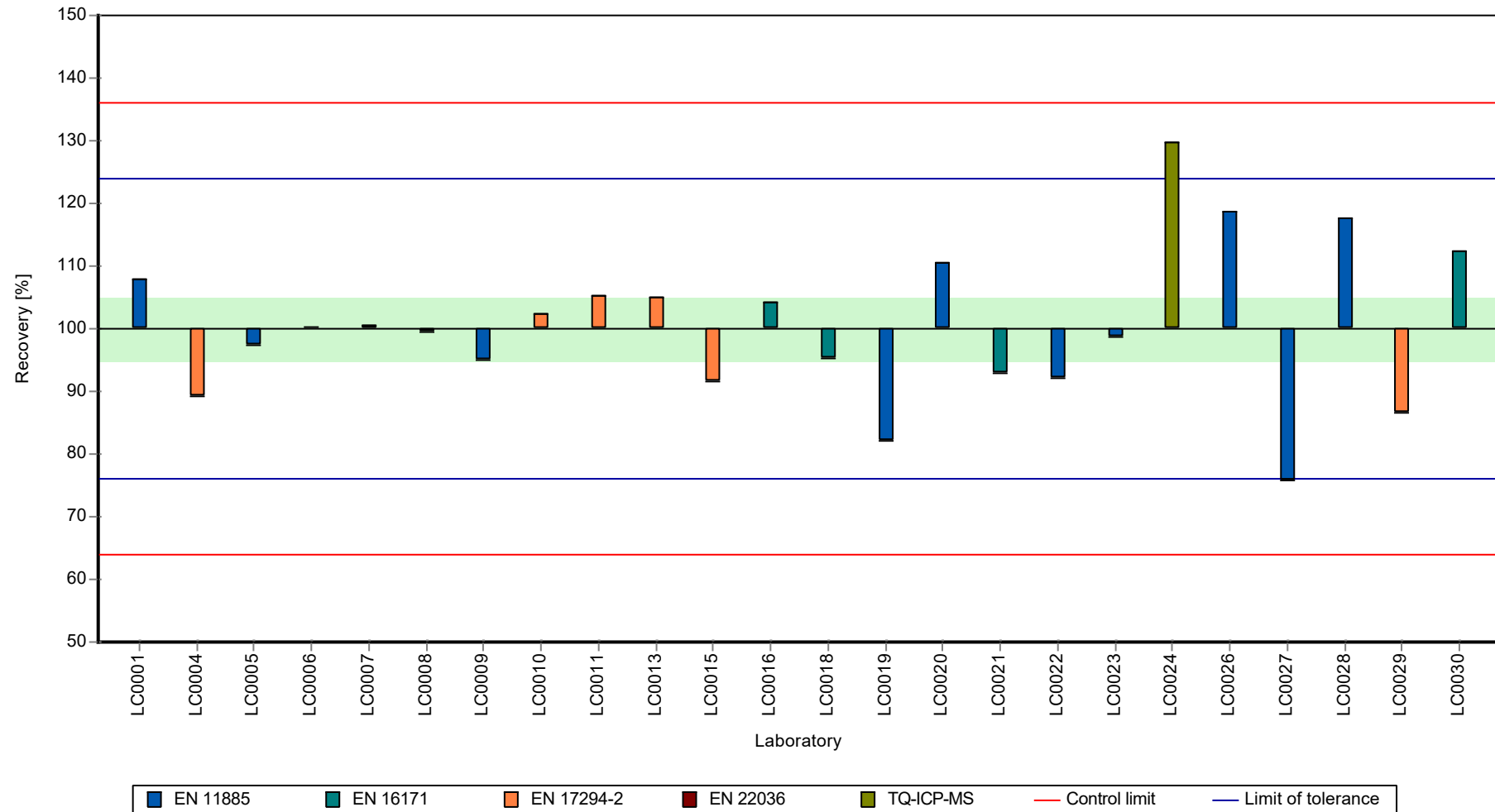
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Chromium

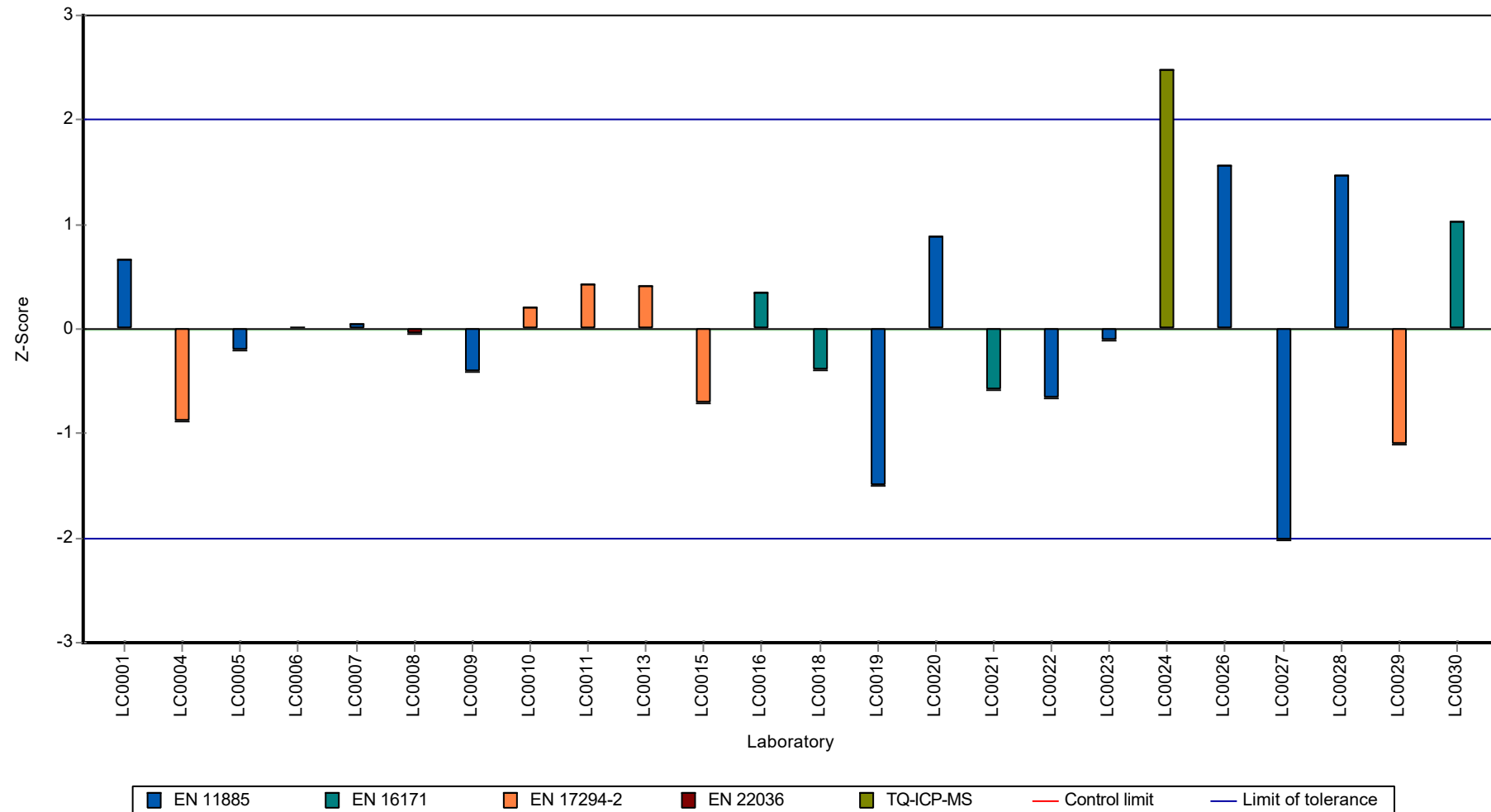
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Chromium

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Cobalt

Parameter oriented report

AB16

Cobalt

Unit mg/kg DM
Assigned value $\pm U$ (k=2) 69.6 ± 4.24
Criterion 9.75 (14 %)
Minimum - Maximum 51.1 - 85.4
Control test value $\pm U$ (k=2) $60,5 \pm 10.3$

Labcode	Result	$\pm U$	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	59.7	6	85.7	-1.02	
LC0005	78.73	3.315	113	0.93	
LC0006	69	13.8	99.1	-0.06	
LC0007	77.4	3.8	111	0.8	
LC0008	76.1	11.4	109	0.66	
LC0009	62.6	12.52	89.9	-0.72	
LC0010	54.8	0.1096	78.7	-1.52	
LC0011	65.181	22.521	93.6	-0.46	
LC0012	-	-	-	-	
LC0013	68.97	20.69	99.1	-0.07	
LC0014	-	-	-	-	
LC0015	80.796	10.1	116	1.15	
LC0016	58	5.8	83.3	-1.19	
LC0017	-	-	-	-	
LC0018	71.4	5.1	103	0.18	
LC0019	60.8	12.2	87.3	-0.91	
LC0020	85.4	5.64	123	1.62	
LC0021	51.1	4.09	73.4	-1.9	
LC0022	77.88	16.53	112	0.85	
LC0023	84.7	3.11	122	1.55	
LC0024	76.3	3.82	110	0.68	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	63.6	9.5	91.3	-0.62	
LC0028	80.9	4.6	116	1.16	
LC0029	65.8	6.58	94.5	-0.39	
LC0030	62.7	8.93	90	-0.71	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Cobalt

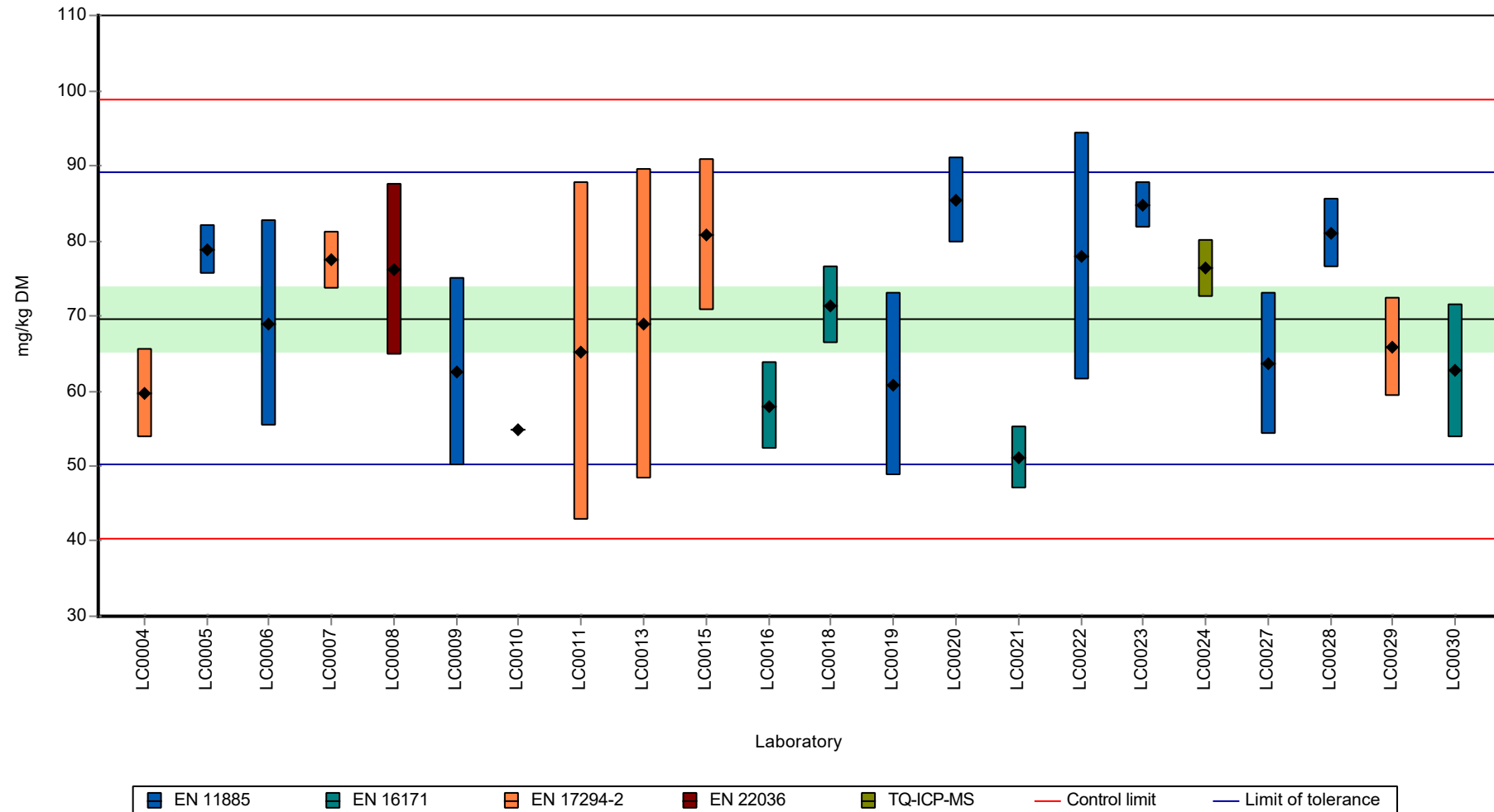
Characteristics of parameter			
	all results	without outliers	Unit
Mean $\pm$ CI (99%)	69.6 $\pm$ 6.35	69.6 $\pm$ 6.35	mg/kg DM
Minimum	51.1	51.1	mg/kg DM
Maximum	85.4	85.4	mg/kg DM
Standard deviation	9.93	9.93	mg/kg DM
rel. standard deviation	14.3	14.3	%
n	22	22	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Cobalt

Graphical presentation of results

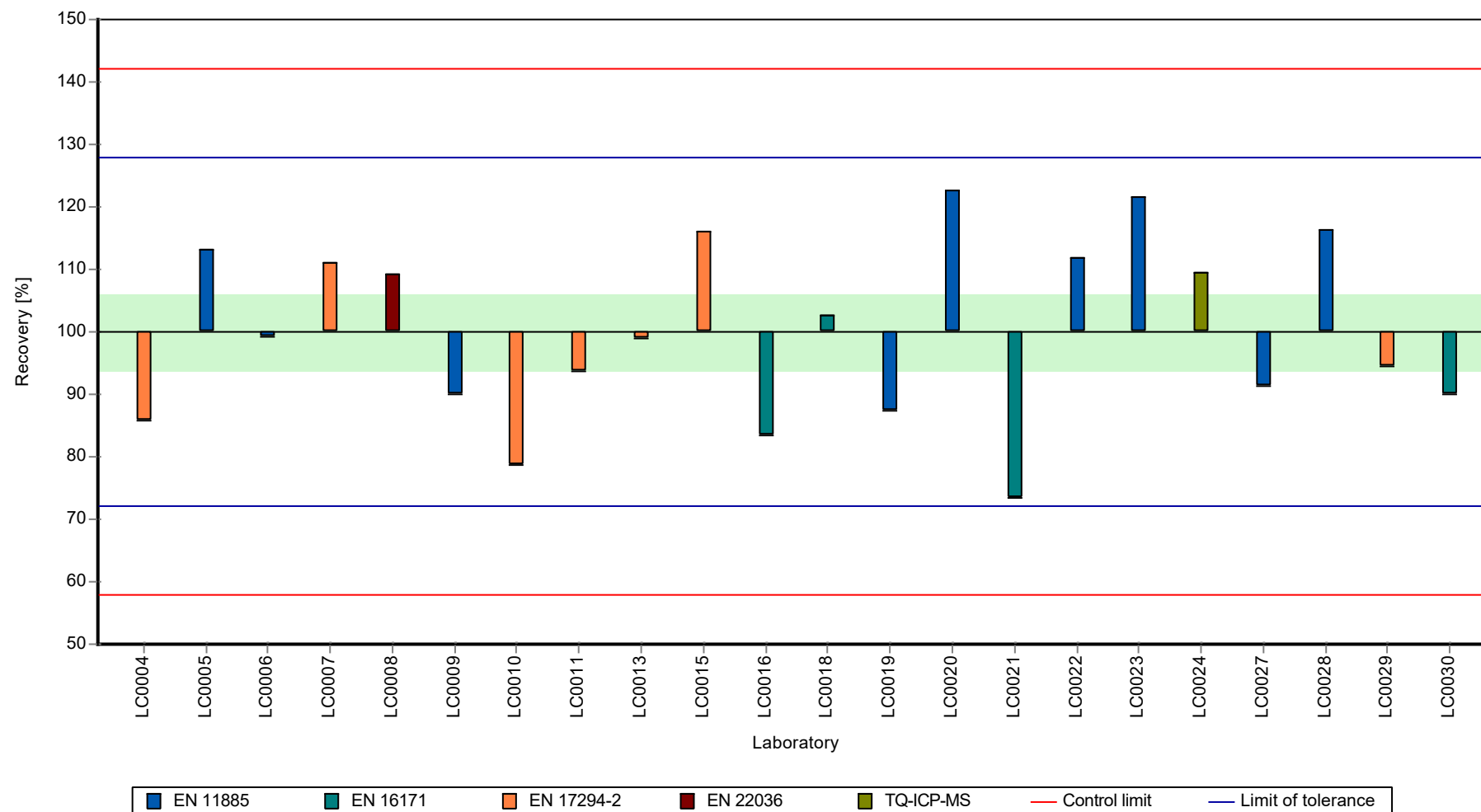
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Cobalt

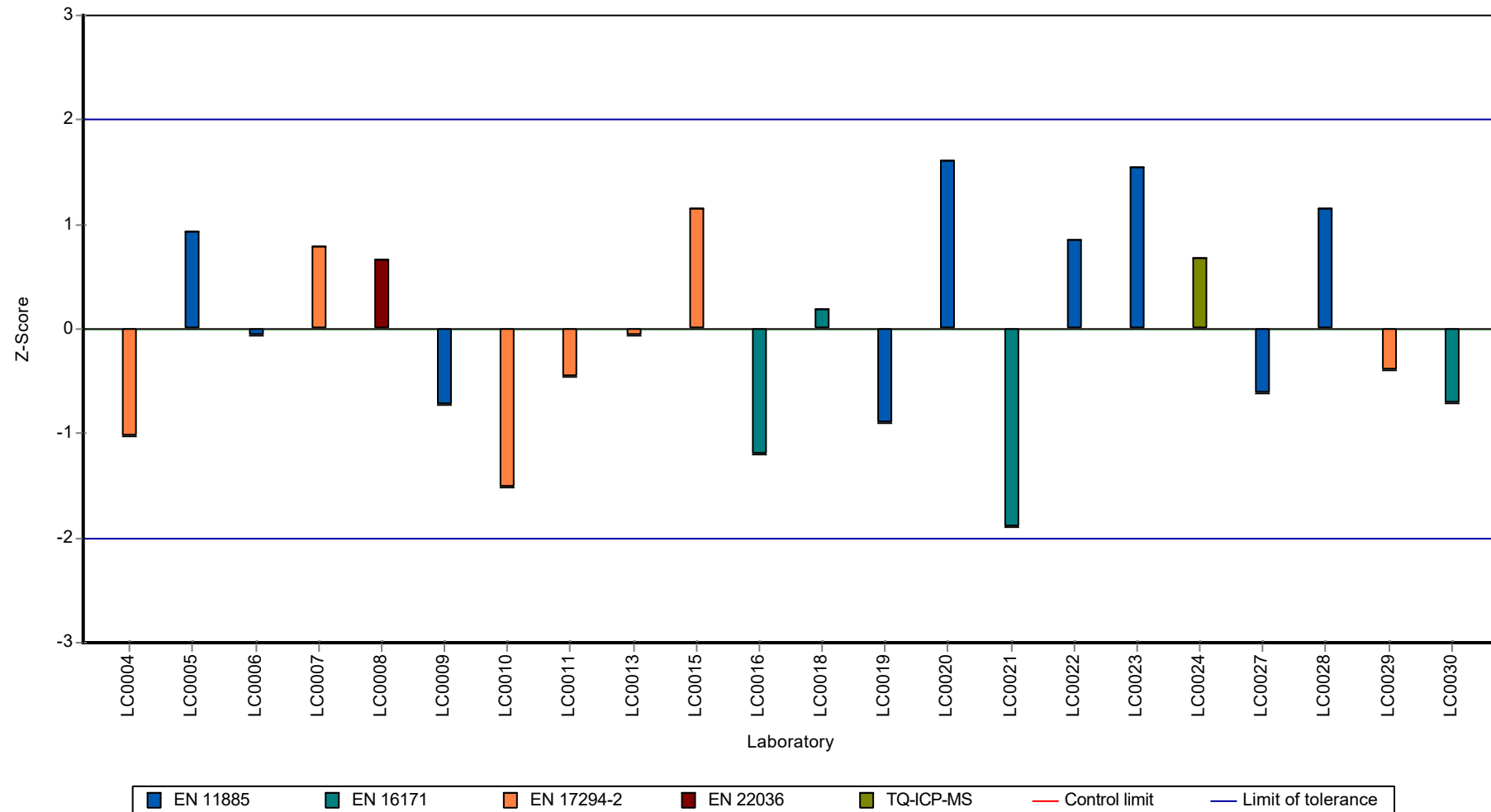
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Cobalt

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Copper

Parameter oriented report

AB16

Copper

Unit mg/kg DM
Assigned value $\pm$ U (k=2) 2610 $\pm$ 80.7
Criterion 261 (10 %)
Minimum - Maximum 2180 - 2990
Control test value $\pm$ U (k=2) 2390 $\pm$ 501

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	2544.67	127	97.5	-0.25	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	2460	246	94.3	-0.57	
LC0005	2803	98.1	107	0.74	
LC0006	2330	470	89.3	-1.07	
LC0007	2570	80	98.5	-0.15	
LC0008	2990	299	115	1.46	
LC0009	2626	263	101	0.06	
LC0010	2297.4	6.89	88	-1.2	
LC0011	2401.211	177.057	92	-0.8	
LC0012	-	-	-	-	
LC0013	2740	82.2	105	0.5	
LC0014	-	-	-	-	
LC0015	2798.162	237	107	0.72	
LC0016	2700	270	103	0.35	
LC0017	-	-	-	-	
LC0018	2650	133	102	0.16	
LC0019	2490	498	95.4	-0.46	
LC0020	2730	199	105	0.46	
LC0021	2420	194	92.7	-0.73	
LC0022	2622	495.1	100	0.05	
LC0023	2756	97.3	106	0.56	
LC0024	2639	185	101	0.11	
LC0025	-	-	-	-	
LC0026	2627.2	394.08	101	0.07	
LC0027	2180	297	83.5	-1.65	
LC0028	2970	190	114	1.38	
LC0029	2679	777	103	0.27	
LC0030	2603.8	343.12	99.8	-0.02	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Copper

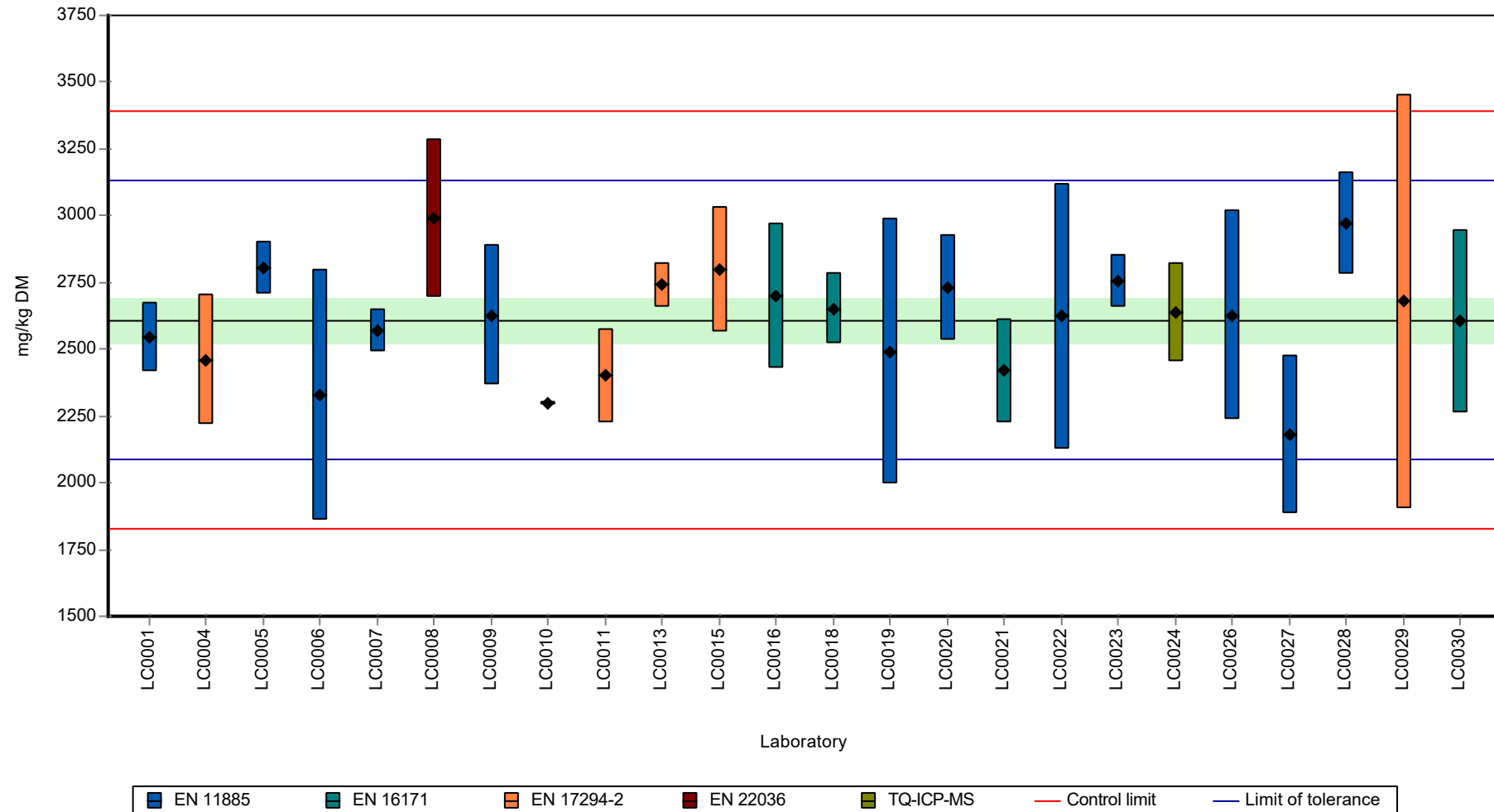
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	2610 ± 121	2610 ± 121	mg/kg DM
Minimum	2180	2180	mg/kg DM
Maximum	2990	2990	mg/kg DM
Standard deviation	198	198	mg/kg DM
rel. standard deviation	7.58	7.58	%
n	24	24	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Copper

Graphical presentation of results

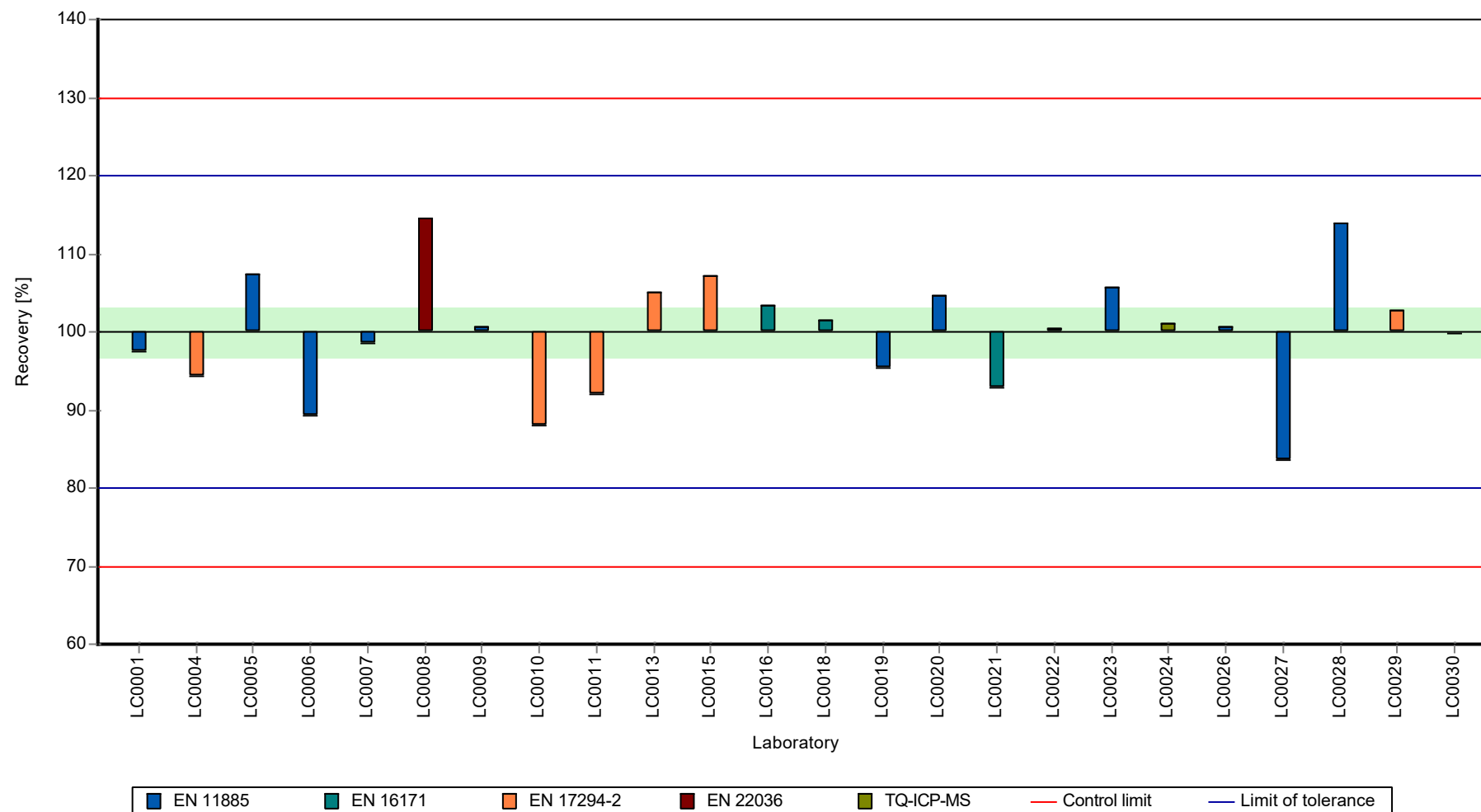
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Copper

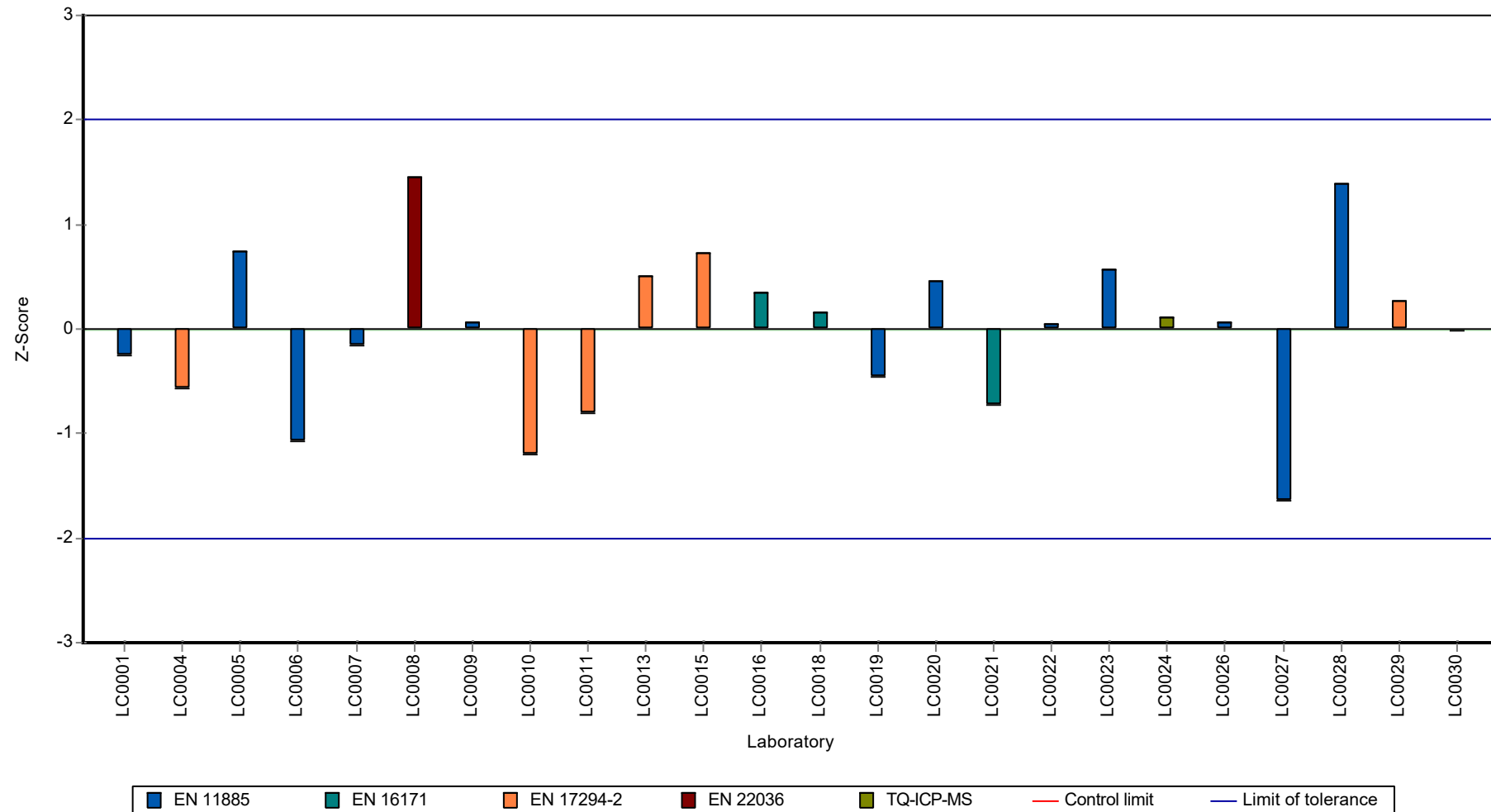
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Copper

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Dry mass

Parameter oriented report

AB16

Dry mass

Unit	%
Assigned value $\pm$ U (k=2)	97.9 $\pm$ 0.143
Criterion	1.47 (1.5 %)
Minimum - Maximum	97.2 - 98.8
Control test value $\pm$ U (k=2)	97,6 $\pm$ 0.293

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	97.85	2.5	100	-0.02	
LC0002	97.9	4.9	100	0.01	
LC0003	97.8	4.37	99.9	-0.06	
LC0004	97.9	2.5	100	0.01	
LC0005	97.59	8.979	99.7	-0.2	
LC0006	98	0.5	100	0.08	
LC0007	98	1.1	100	0.08	
LC0008	97.3	9.7	99.4	-0.4	
LC0009	97.81	0.5	99.9	-0.05	
LC0010	98.65	9.865	101	0.52	
LC0011	97.36	0.06	99.5	-0.36	
LC0012	97.8	0.978	99.9	-0.06	
LC0013	97.5	4.87	99.6	-0.26	
LC0014	98	3	100	0.08	
LC0015	97.95	4.41	100	0.04	
LC0016	97.32	0.5	99.4	-0.39	
LC0017	97.2	0.3	99.3	-0.47	
LC0018	97.9	0.058	100	0.01	
LC0019	97.9	0.5	100	0.01	
LC0020	99.8	0.2	102	1.3	H
LC0021	97.6	2.93	99.7	-0.19	
LC0022	98.26	7.7	100	0.25	
LC0023	98.3	4.22	100	0.28	
LC0024	97.7	0.29	99.8	-0.13	
LC0025	-	-	-	-	
LC0026	98.2	9.82	100	0.21	
LC0027	98.4	1.9	101	0.35	
LC0028	98.3	0.6	100	0.28	
LC0029	97.75	6	99.9	-0.09	
LC0030	97.65	7.8	99.8	-0.16	
LC0031	98.8	1.2	101	0.62	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Dry mass

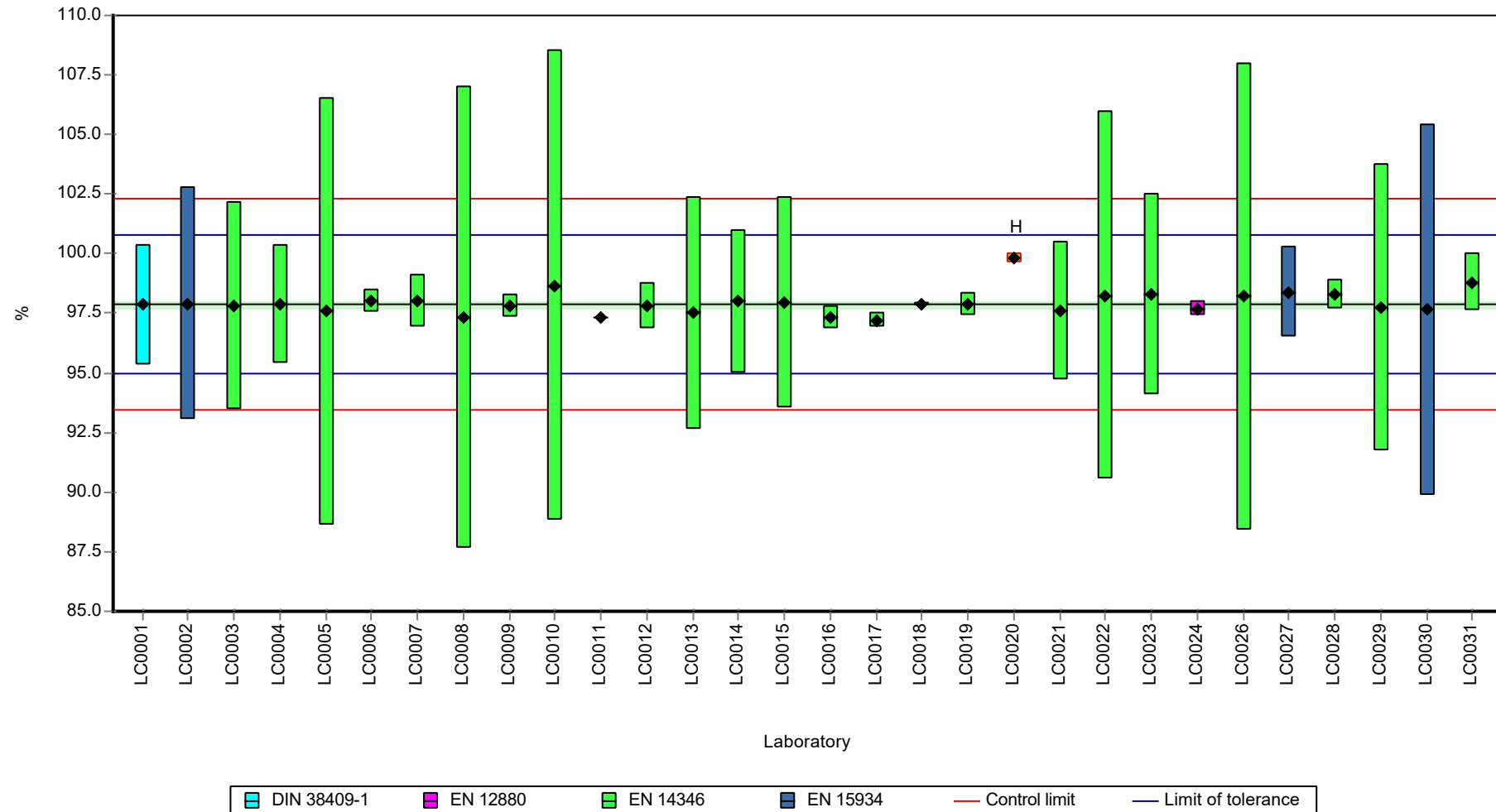
Characteristics of parameter			
	all results	without outliers	Unit
Mean $\pm$ CI (99%)	97.9 $\pm$ 0.282	97.9 $\pm$ 0.215	%
Minimum	97.2	97.2	%
Maximum	99.8	98.8	%
Standard deviation	0.516	0.386	%
rel. standard deviation	0.526	0.394	%
n	30	29	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Dry mass

Graphical presentation of results

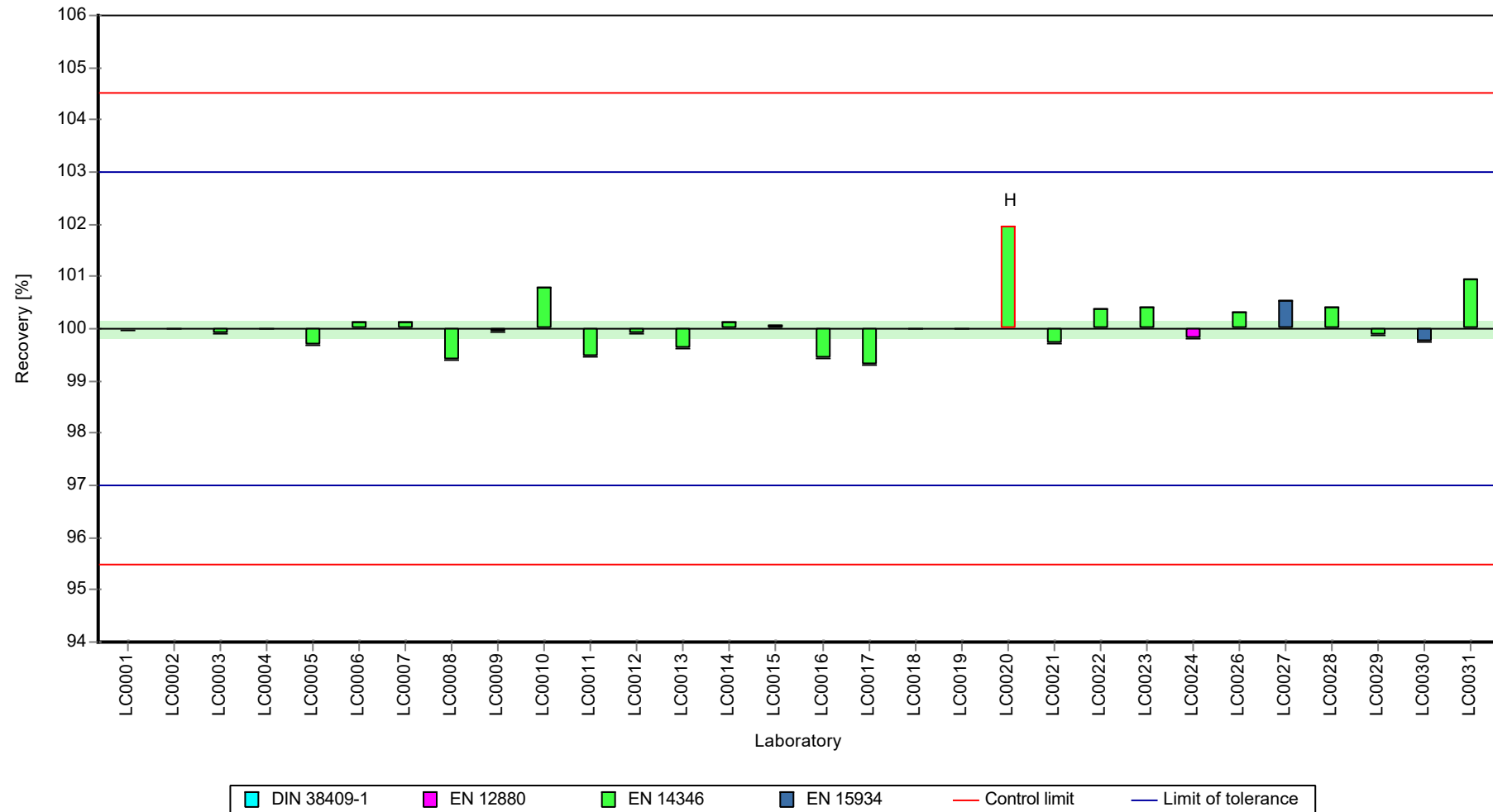
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Dry mass

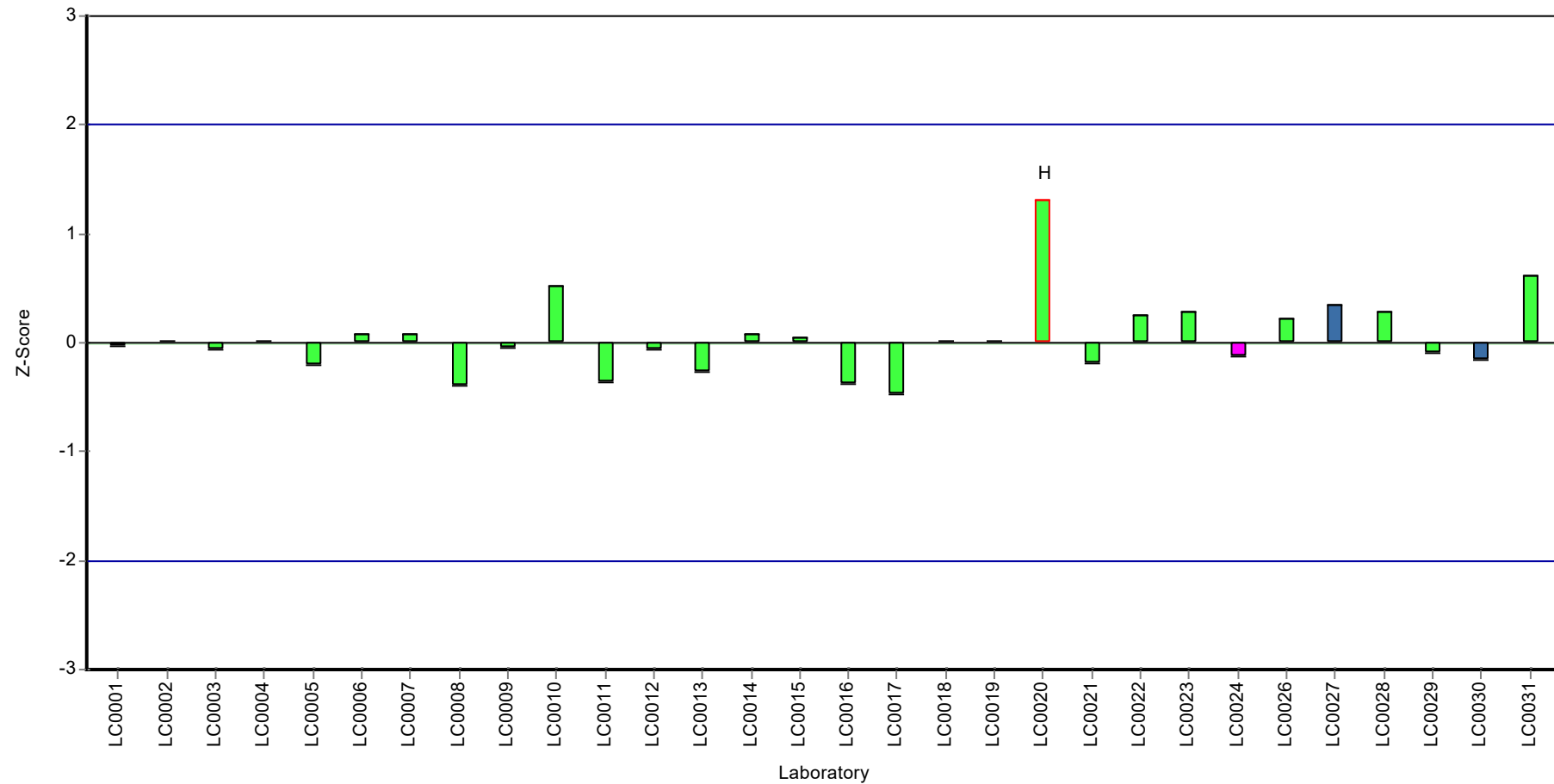
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Dry mass

Z-score



■ DIN 38409-1
 ■ EN 12880
 ■ EN 14346
 ■ EN 15934
 — Control limit
 — Limit of tolerance

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: HC-Index

Parameter oriented report

AB16

HC-Index

Unit	mg/kg DM
Assigned value $\pm$ U (k=2)	258 $\pm$ 51.7
Criterion	124 (48 %)
Minimum - Maximum	94.8 - 513
Control test value $\pm$ U (k=2)	448 $\pm$ 89.6

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	130.42	6.8	50.6	-1.03	
LC0002	238	35.7	92.4	-0.16	
LC0003	378	95	147	0.97	
LC0004	275	57.8	107	0.14	
LC0005	181.8	36.99	70.6	-0.61	
LC0006	170	30	66	-0.71	
LC0007	225	23	87.3	-0.26	
LC0008	462	92.4	179	1.65	
LC0009	119	24	46.2	-1.12	
LC0010	512.9	128.2	199	2.06	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	363.68	84	141	0.86	
LC0015	211.41	45.24	82.1	-0.37	
LC0016	270	27	105	0.1	
LC0017	463	83	180	1.66	
LC0018	296	29	115	0.31	
LC0019	94.8	19	36.8	-1.32	
LC0020	153	10.1	59.4	-0.85	
LC0021	175	35	67.9	-0.67	
LC0022	401	92	156	1.16	
LC0023	241	11	93.5	-0.13	
LC0024	206.246	37	80.1	-0.42	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	376	34	146	0.96	
LC0028	140	7.6	54.3	-0.95	
LC0029	324.2	113.47	126	0.54	
LC0030	128.48	22	49.9	-1.04	
LC0031	131	20	50.9	-1.02	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: HC-Index

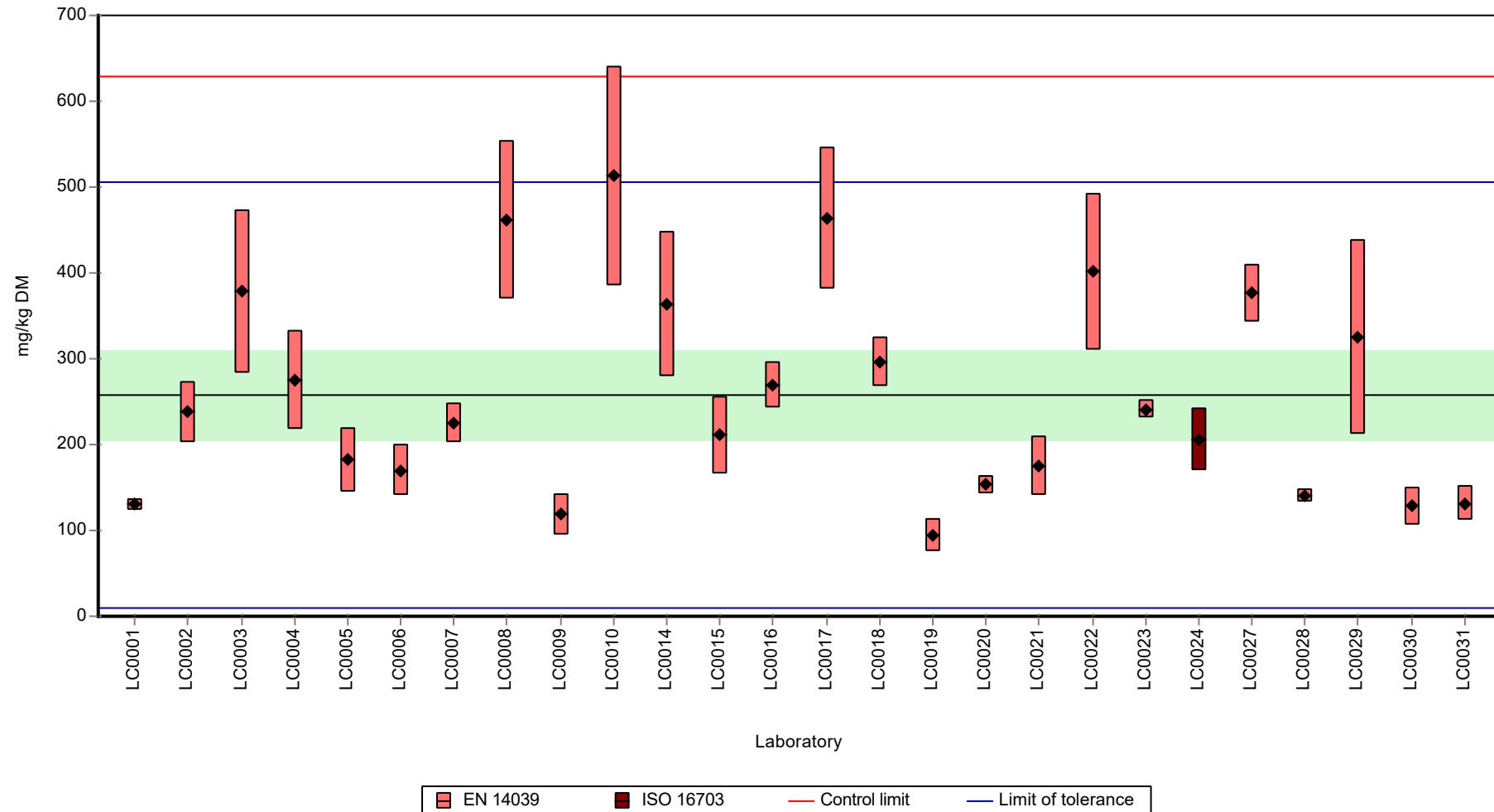
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	256 ± 70.8	256 ± 70.8	mg/kg DM
Minimum	94.8	94.8	mg/kg DM
Maximum	513	513	mg/kg DM
Standard deviation	120	120	mg/kg DM
rel. standard deviation	46.9	46.9	%
n	26	26	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: HC-Index

Graphical presentation of results

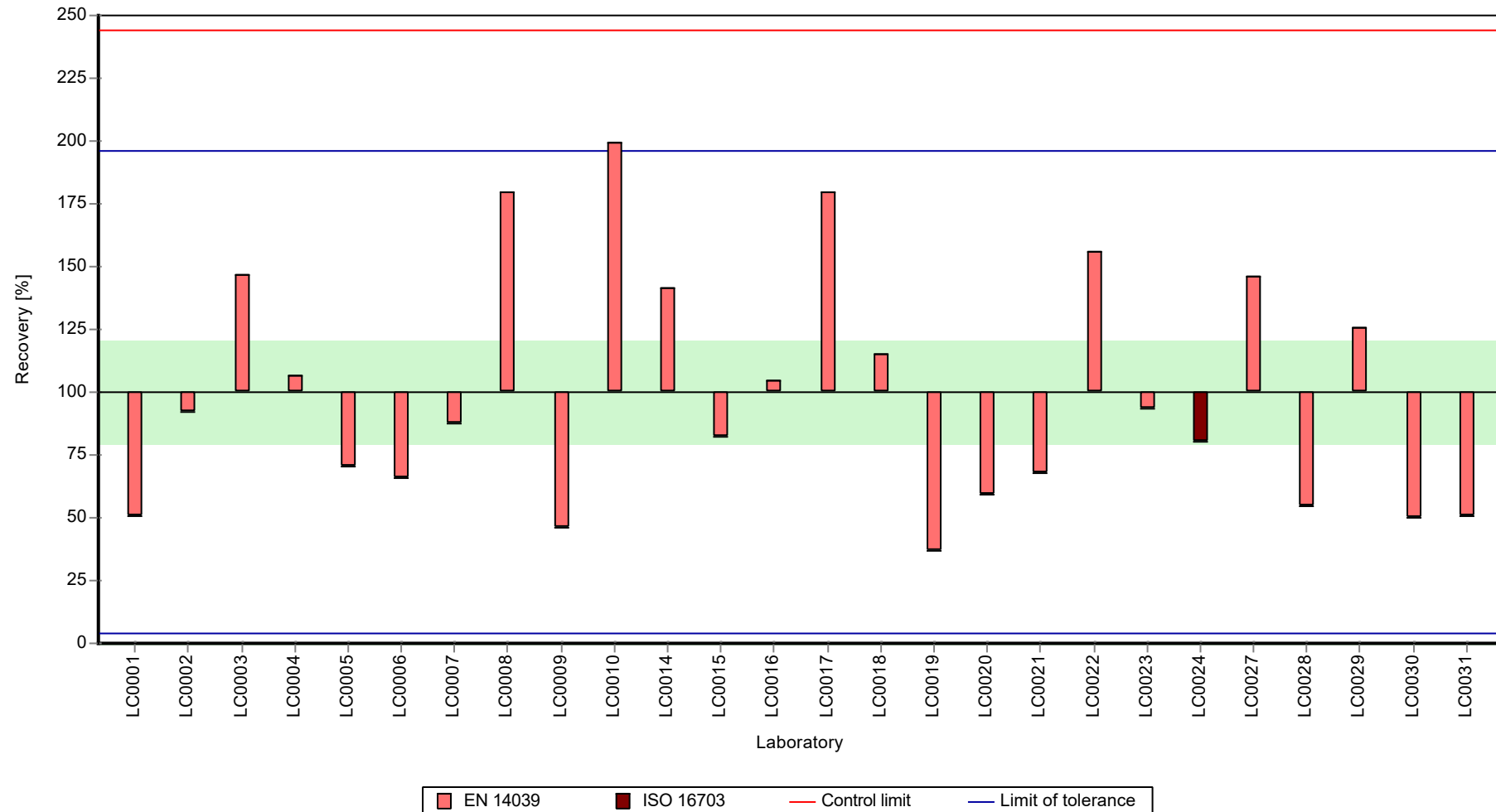
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: HC-Index

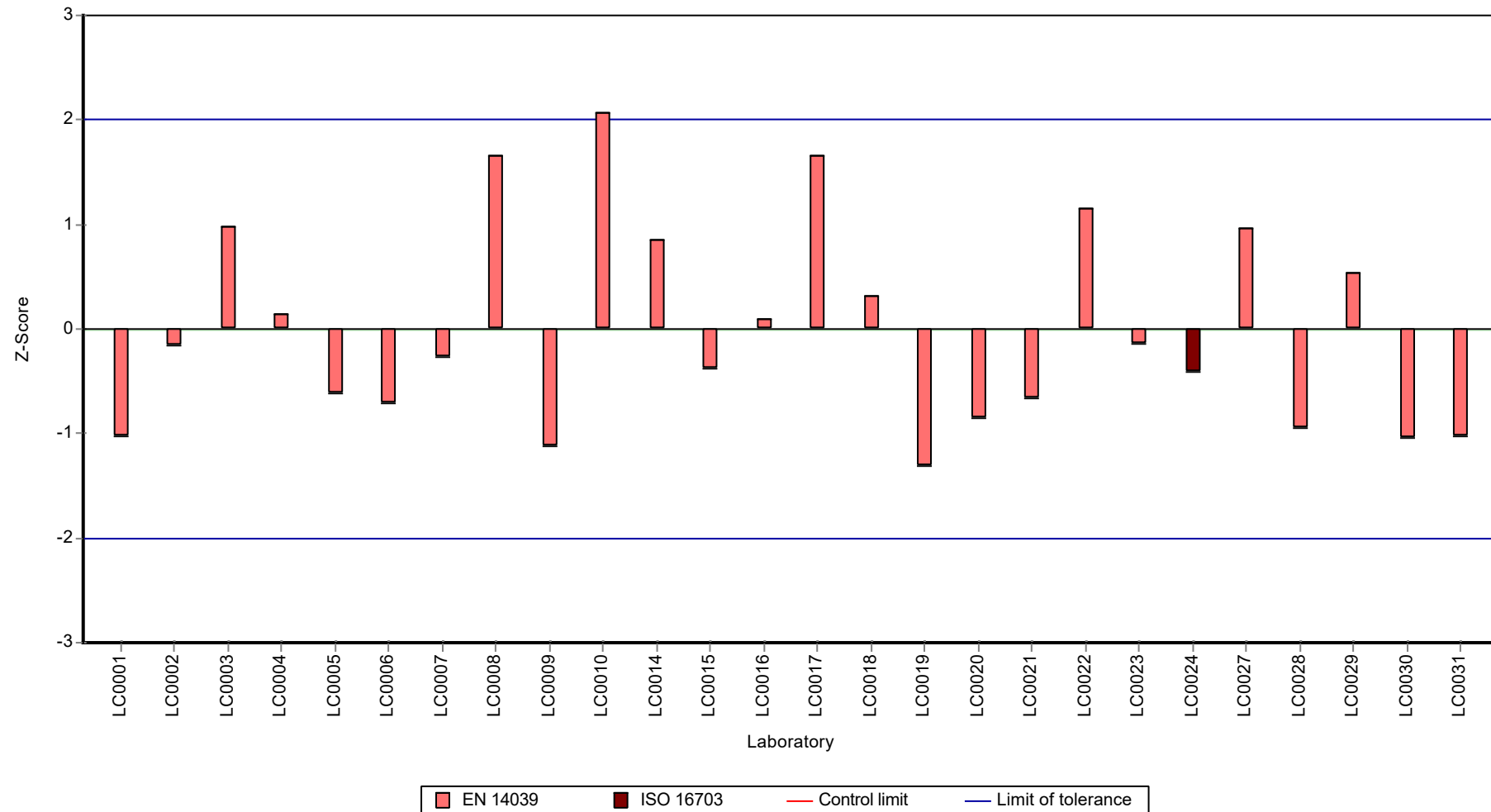
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: HC-Index

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Lead

Parameter oriented report

AB16

Lead

Unit mg/kg DM
Assigned value $\pm$ U (k=2) 367 $\pm$ 14.2
Criterion 36.7 (10 %)
Minimum - Maximum 299 - 448
Control test value $\pm$ U (k=2) 350 $\pm$ 42

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	373.4	18.7	102	0.18	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	345	34.5	94.1	-0.59	
LC0005	338.8	14.84	92.4	-0.76	
LC0006	376	75	103	0.25	
LC0007	365	15	99.5	-0.05	
LC0008	331	33.1	90.3	-0.97	
LC0009	364	36	99.3	-0.07	
LC0010	429.7	1.289	117	1.72	
LC0011	383.916	45.25	105	0.47	
LC0012	-	-	-	-	
LC0013	339.2	101.7	92.5	-0.75	
LC0014	-	-	-	-	
LC0015	387.392	49.4	106	0.56	
LC0016	380	38	104	0.36	
LC0017	-	-	-	-	
LC0018	383	16	104	0.44	
LC0019	325	65	88.6	-1.14	
LC0020	405	15.1	110	1.04	
LC0021	354	28.3	96.5	-0.35	
LC0022	326.3	66	89	-1.1	
LC0023	369	12.5	101	0.06	
LC0024	331	43	90.3	-0.97	
LC0025	-	-	-	-	
LC0026	448.2	89.64	122	2.22	
LC0027	299	21	81.5	-1.85	
LC0028	401	23	109	0.93	
LC0029	361	83	98.4	-0.16	
LC0030	385.9	56.398	105	0.52	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Lead

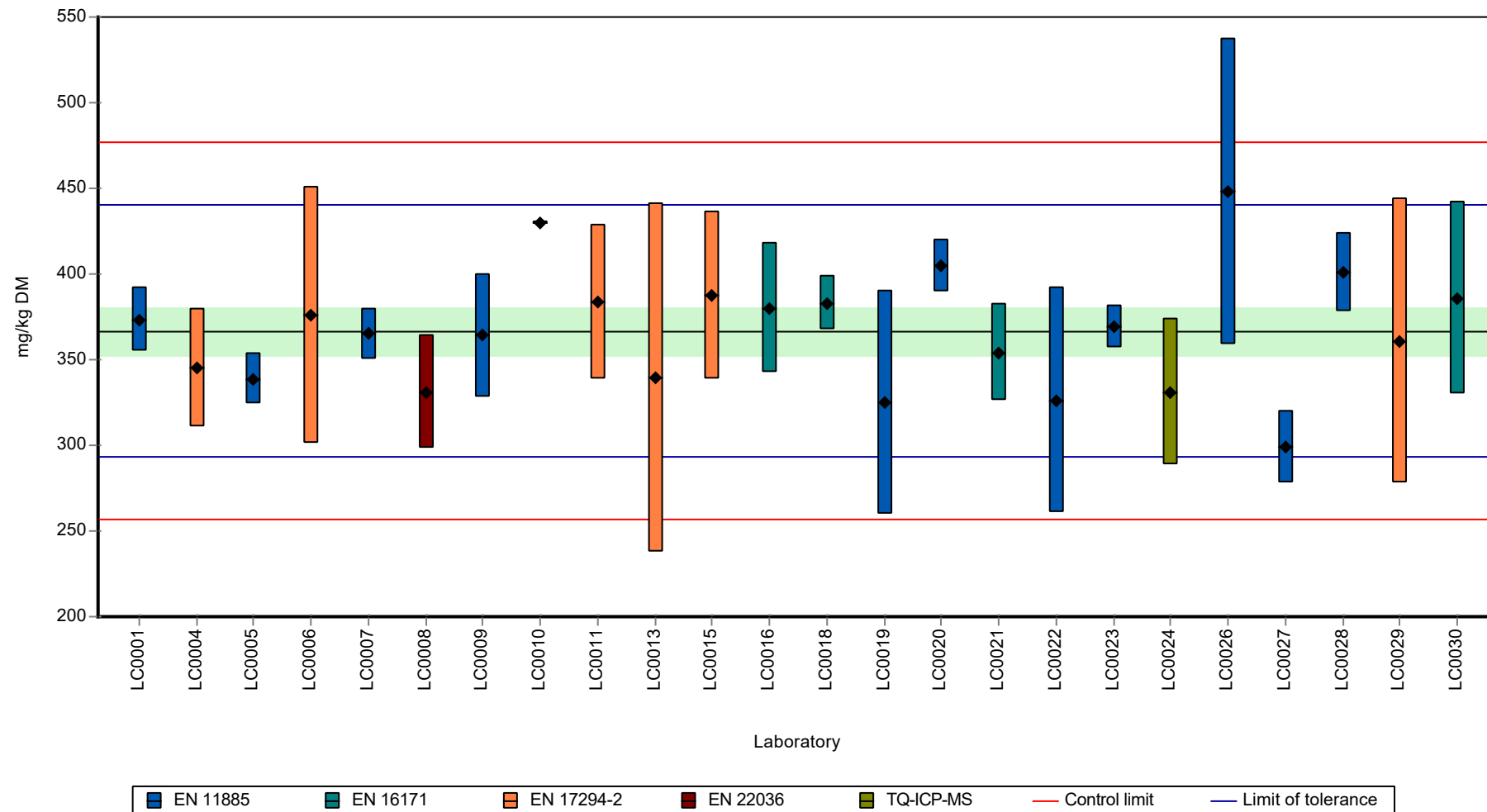
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	367 ± 21.2	367 ± 21.2	mg/kg DM
Minimum	299	299	mg/kg DM
Maximum	448	448	mg/kg DM
Standard deviation	34.7	34.7	mg/kg DM
rel. standard deviation	9.45	9.45	%
n	24	24	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Lead

Graphical presentation of results

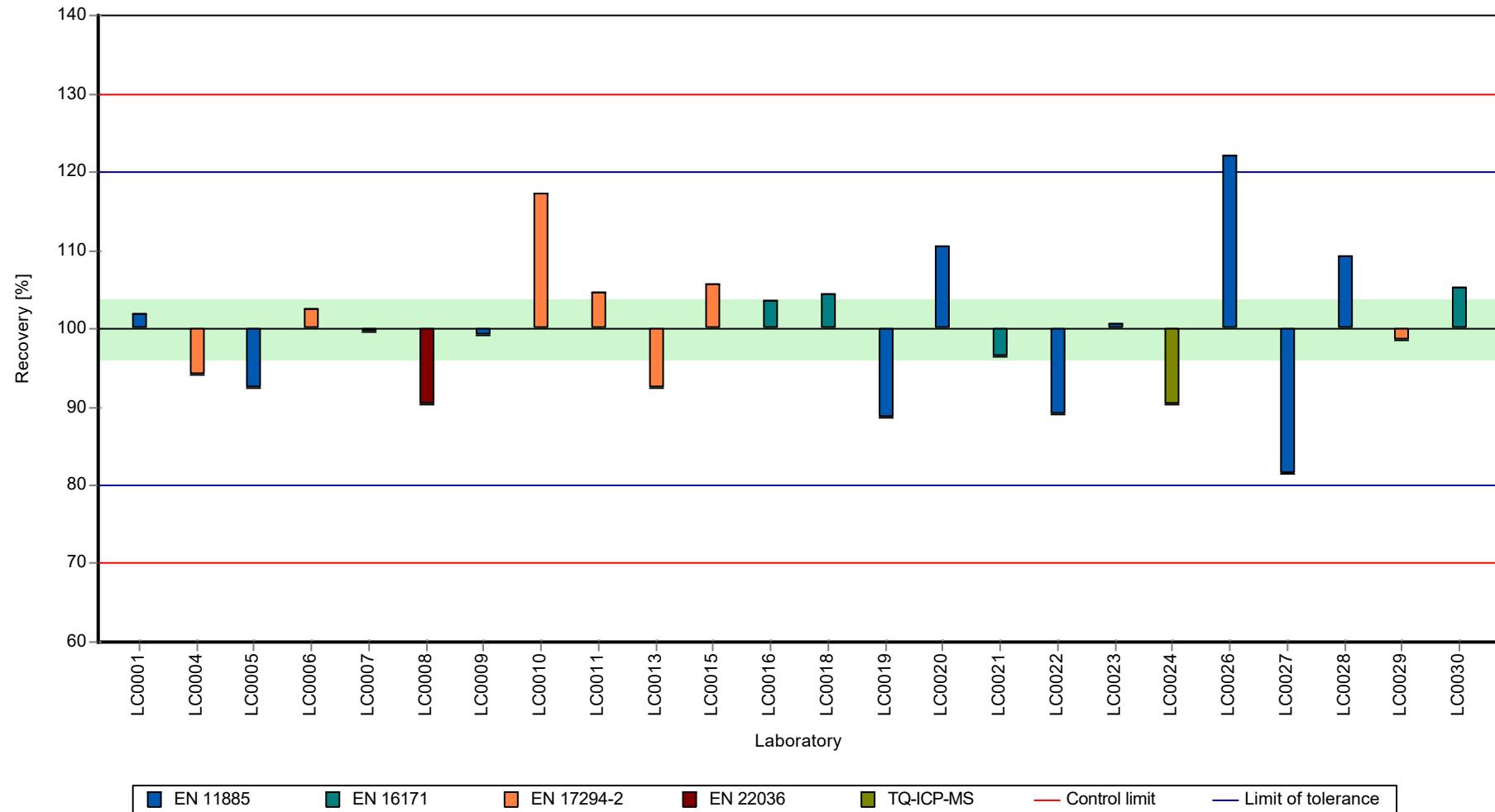
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Lead

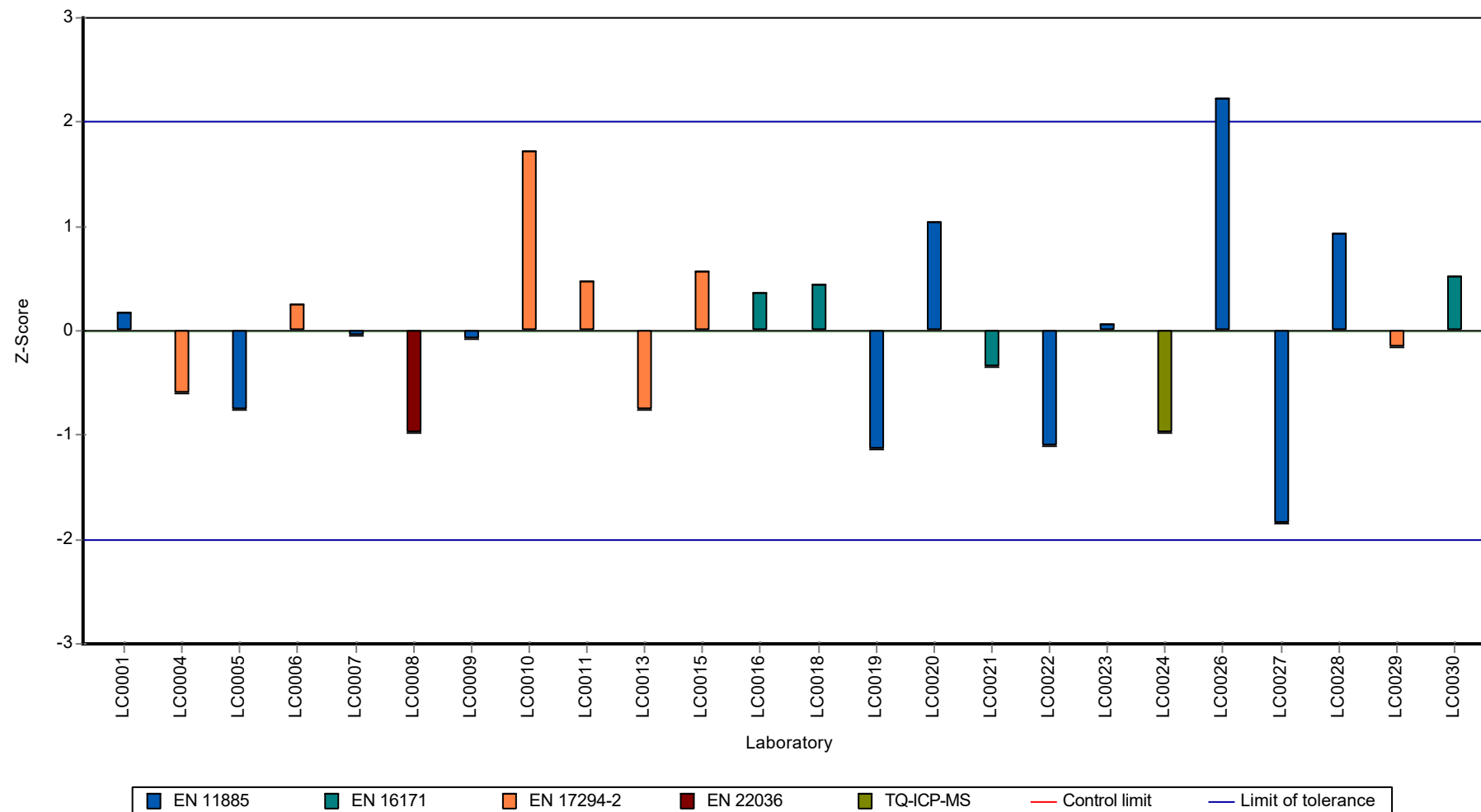
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Lead

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: LOI (550°C)

Parameter oriented report

AB16

LOI (550°C)

Unit	% DM
Assigned value $\pm$ U (k=2)	5.08 $\pm$ 0.197
Criterion	0.508 (10 %)
Minimum - Maximum	3.91 - 6.3
Control test value $\pm$ U (k=2)	7,20 $\pm$ 0.36

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	5.11	0.15	101	0.07	
LC0002	4.89	0.489	96.3	-0.37	
LC0003	4.8	0.48	94.6	-0.54	
LC0004	5	0.05	98.5	-0.15	
LC0005	4.944	0.2225	97.4	-0.26	
LC0006	5.34	0.53	105	0.52	
LC0007	5.17	0.09	102	0.18	
LC0008	5.03	0.5	99.1	-0.09	
LC0009	4.66	0.24	91.8	-0.82	
LC0010	6.97	0.83	137	3.73	H
LC0011	4.567	0.094	90	-1	
LC0012	4.6	0.184	90.6	-0.94	
LC0013	3.91	0.391	77	-2.3	
LC0014	5.65	12	111	1.13	
LC0015	4.83	0.338	95.2	-0.48	
LC0016	5.2	0.52	102	0.24	
LC0017	4.66	0.5	91.8	-0.82	
LC0018	4.98	0.21	98.1	-0.19	
LC0019	5.6	0.56	110	1.03	
LC0020	5.05	0.15	99.5	-0.05	
LC0021	5.39	0.27	106	0.62	
LC0022	6.07	0.17	120	1.96	
LC0023	5.33	0.23	105	0.5	
LC0024	4.89	0.039	96.3	-0.37	
LC0025	-	-	-	-	
LC0026	6.3	0.63	124	2.41	
LC0027	4.02	0.12	79.2	-2.08	
LC0028	5.5	0.35	108	0.84	
LC0029	4.94	0.4	97.3	-0.27	
LC0030	5.18	0.51	102	0.2	
LC0031	5.57	0.056	110	0.97	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: LOI (550°C)

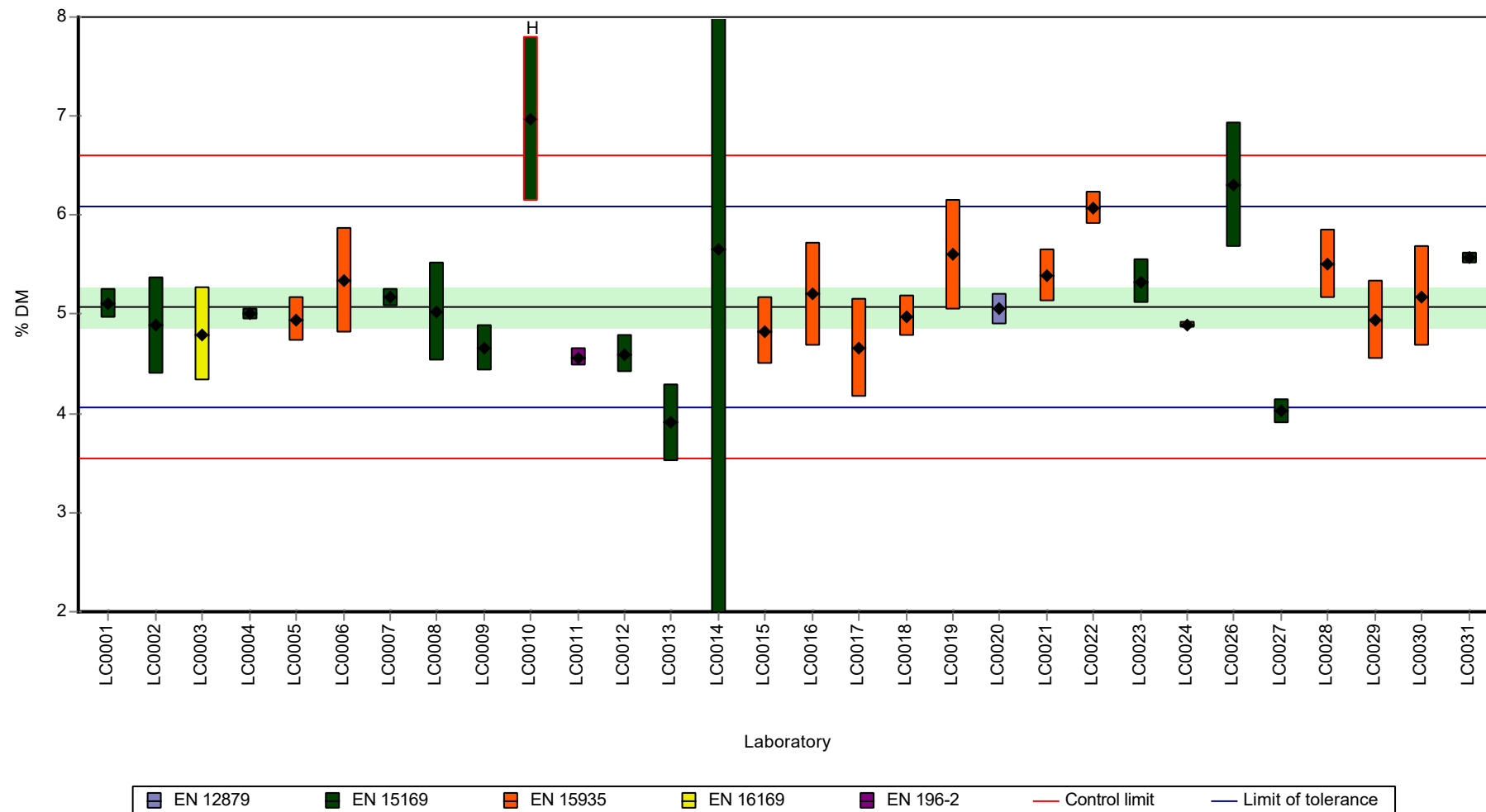
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	5.14 ± 0.335	5.08 ± 0.285	% DM
Minimum	3.91	3.91	% DM
Maximum	6.97	6.3	% DM
Standard deviation	0.611	0.512	% DM
rel. standard deviation	11.9	10.1	%
n	30	29	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: LOI (550°C)

Graphical presentation of results

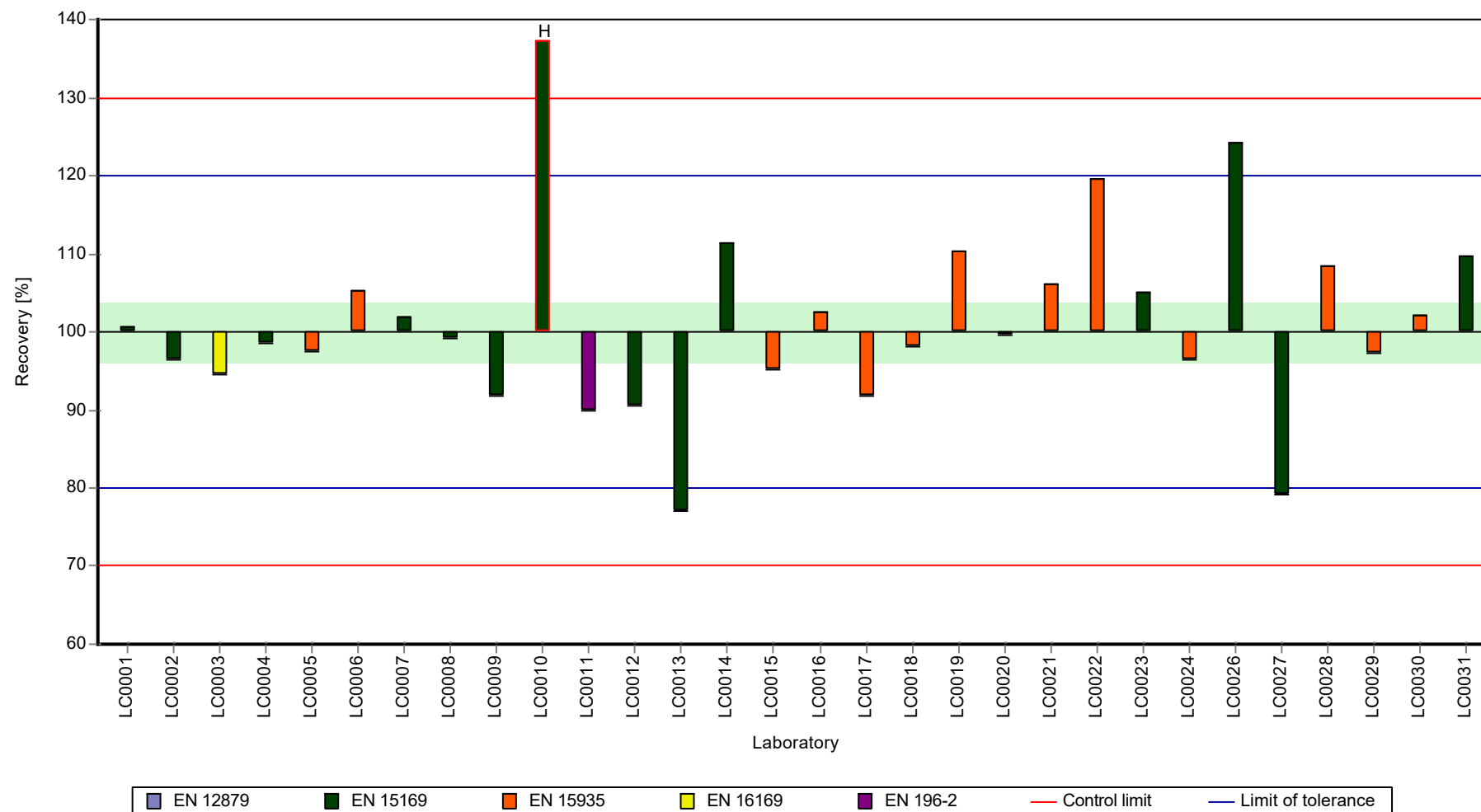
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: LOI (550°C)

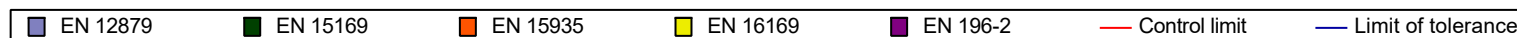
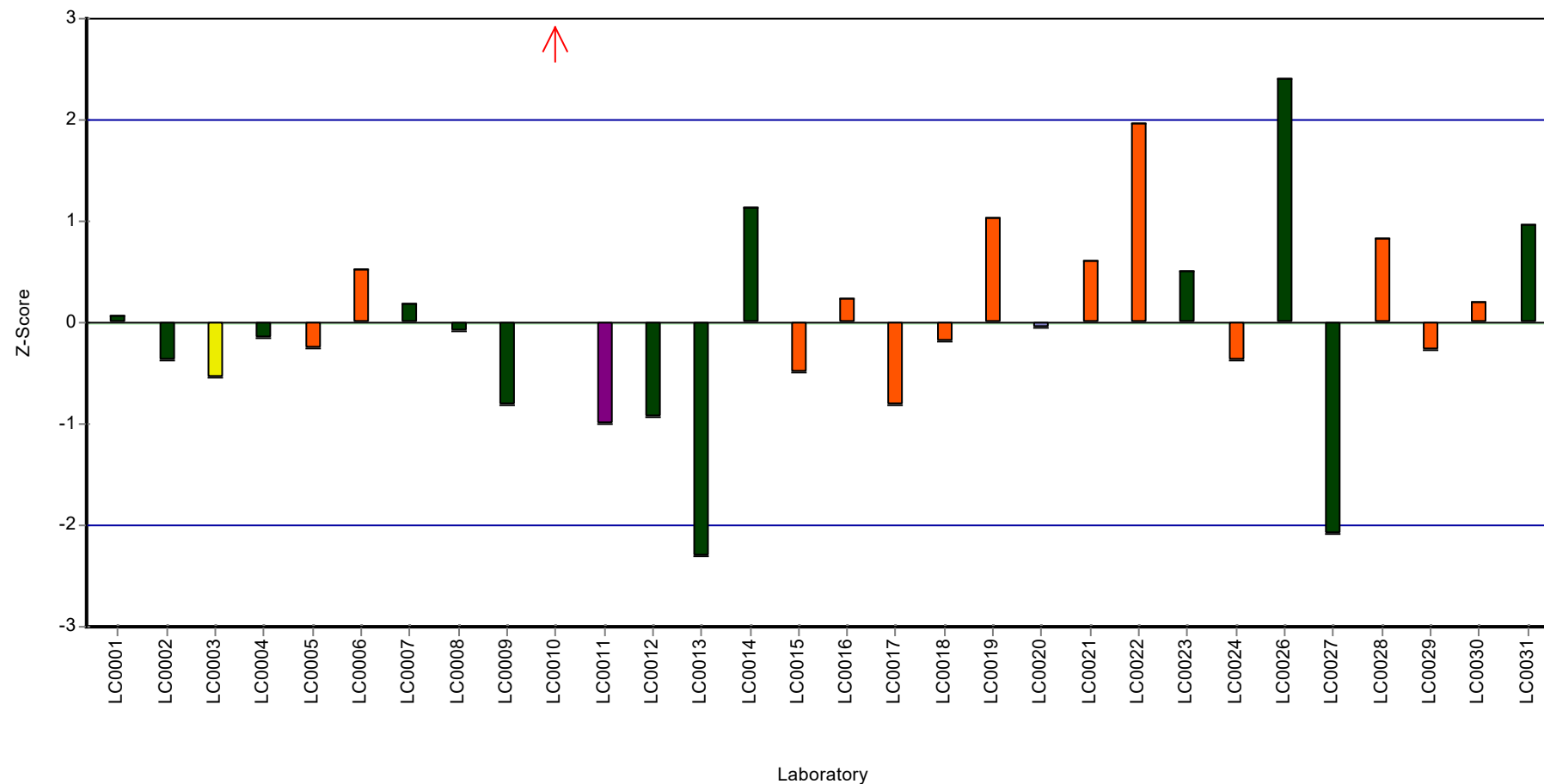
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: LOI (550°C)

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Mercury

Parameter oriented report

AB16

Mercury

Unit mg/kg DM
Assigned value $\pm$ U (k=2) 0.0312 $\pm$ 0.00664
Criterion 0.00997 (32 %)
Minimum - Maximum 0.02 - 0.0473
Control test value $\pm$ U (k=2) 0,0189 $\pm$ 0.00415

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.03	0.005	96.3	-0.12	
LC0005	< 0.1 (LOQ)	-	-	-	
LC0006	< 0.05 (LOQ)	-	-	-	
LC0007	0.02	0.001	64.2	-1.12	
LC0008	< 0.05 (LOQ)	-	-	-	
LC0009	0.026	0.0026	83.5	-0.52	
LC0010	0.029	0.00006	93.1	-0.22	
LC0011	0.02	0.012	64.2	-1.12	
LC0012	-	-	-	-	
LC0013	0.484	0.145	1550	45.42	H
LC0014	-	-	-	-	
LC0015	0.074	0.00823	238	4.3	H
LC0016	< 0.05 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	0.0473	0.003	152	1.62	
LC0019	0.0301	0.006	96.6	-0.11	
LC0020	< 0.18 (LOQ)	-	-	-	
LC0021	< 0.05 (LOQ)	-	-	-	
LC0022	<0.03 (LOD)	-	-	-	
LC0023	0.047	0.0022	151	1.59	
LC0024	0.0237	0.0024	76.1	-0.75	
LC0025	-	-	-	-	
LC0026	0.031	0.0046	99.5	-0.02	
LC0027	< 0.1 (LOQ)	-	-	-	
LC0028	< 0.5 (LOQ)	-	-	-	
LC0029	< 0.05 (LOQ)	-	-	-	
LC0030	< 0.2 (LOQ)	-	-	-	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Mercury

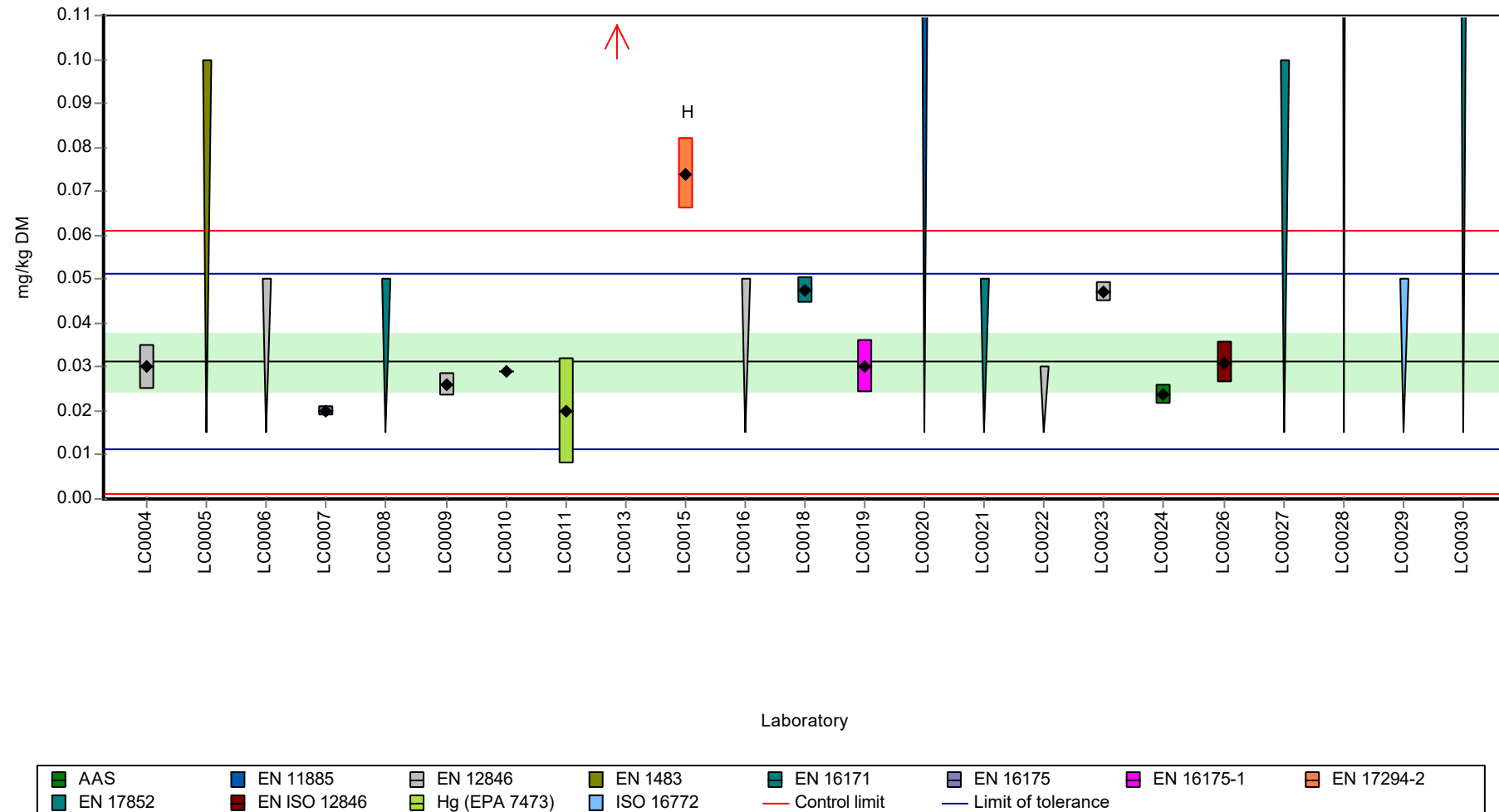
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	0.0718 ± 0.113	0.0304 ± 0.00919	mg/kg DM
Minimum	0.02	0.02	mg/kg DM
Maximum	0.484	0.0473	mg/kg DM
Standard deviation	0.131	0.00969	mg/kg DM
rel. standard deviation	182	31.9	%
n	12	10	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Mercury

Graphical presentation of results

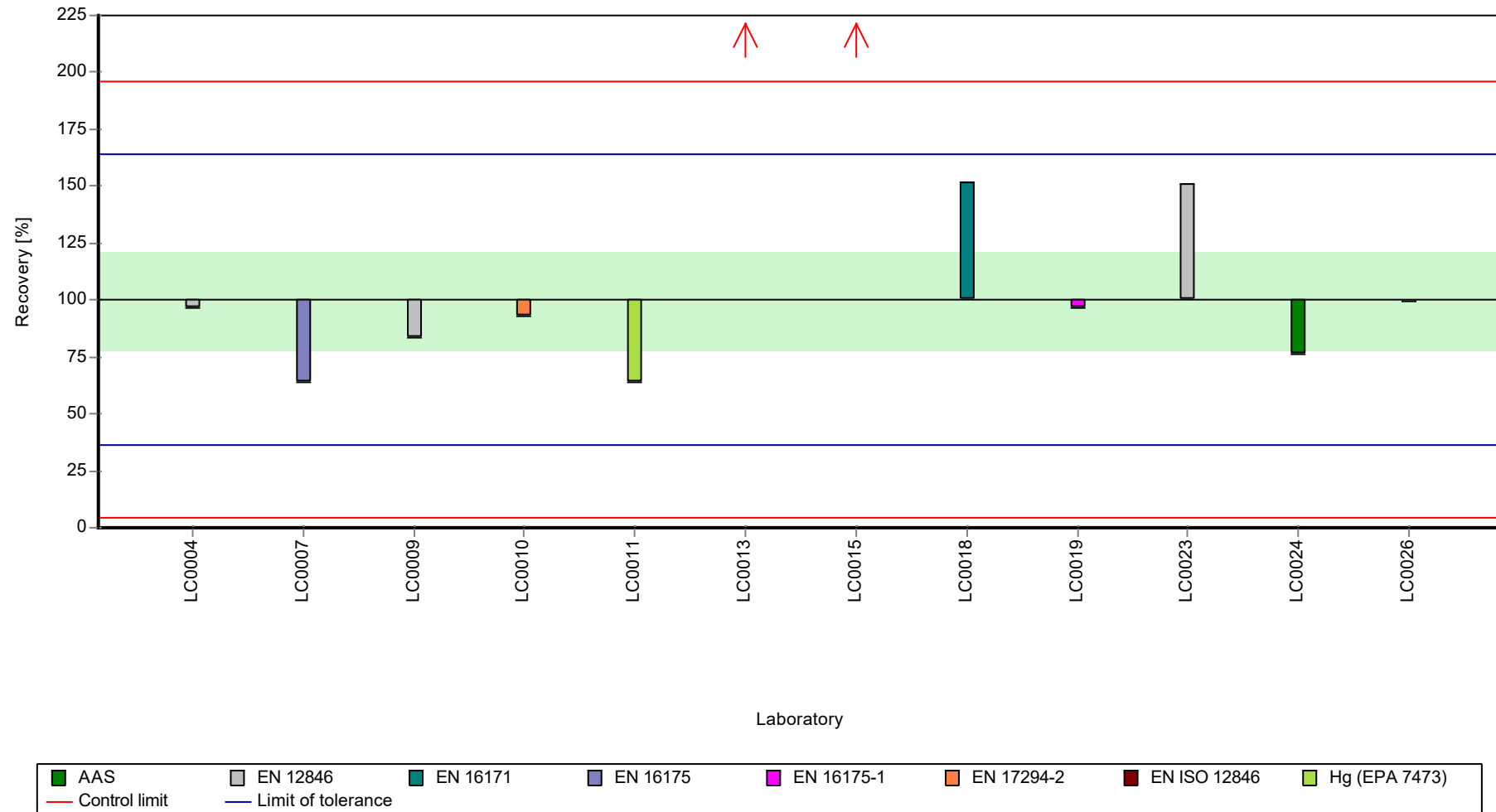
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Mercury

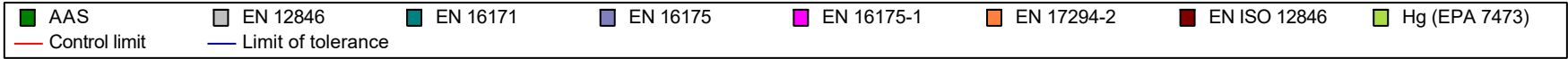
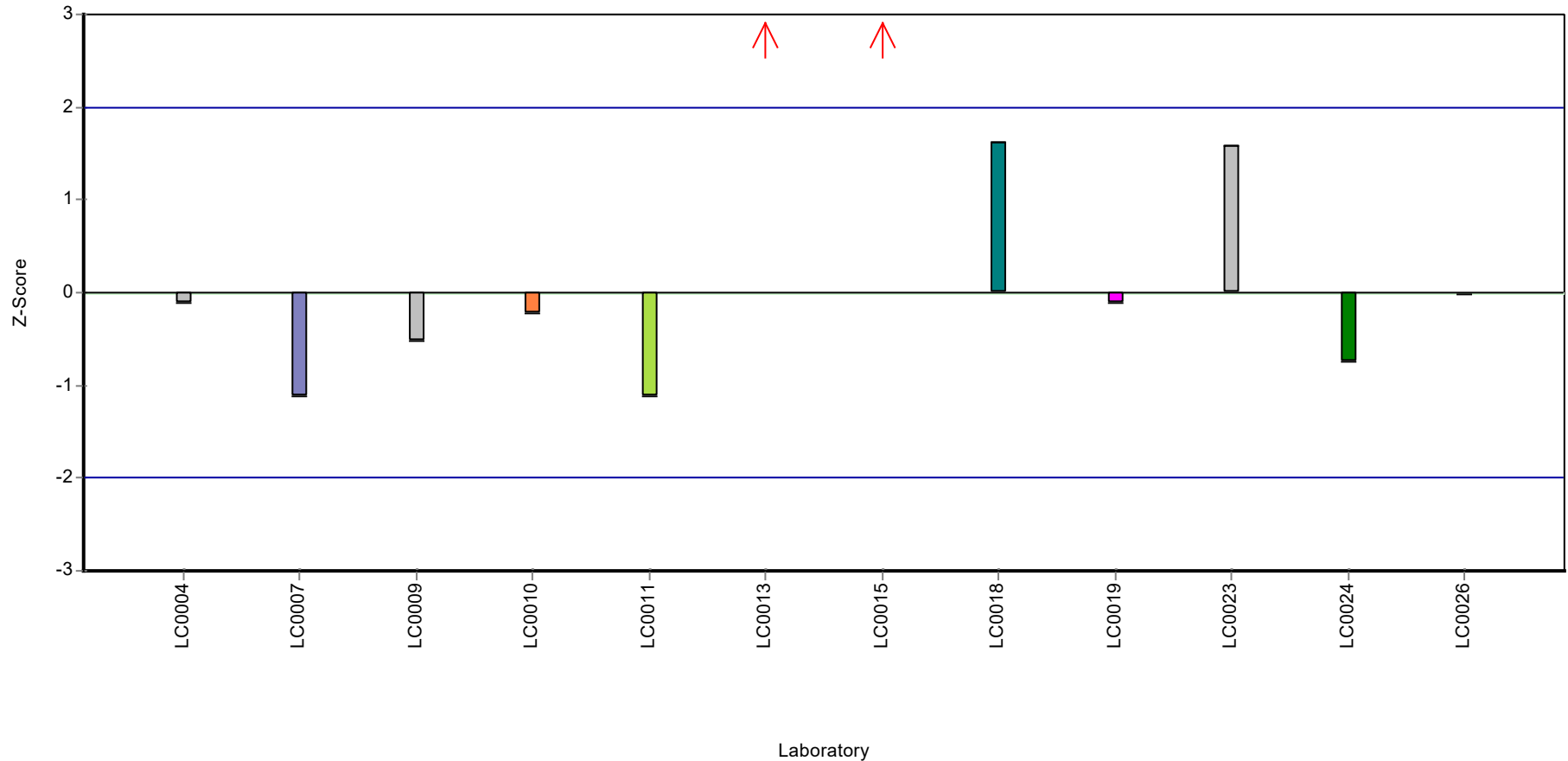
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Mercury

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Molybdenum

Parameter oriented report

AB16

Molybdenum

Unit mg/kg DM
Assigned value $\pm U$ (k=2) 79.7 ± 3.49
Criterion 8.77 (11 %)
Minimum - Maximum 65.3 - 94.7
Control test value $\pm U$ (k=2) $76,1 \pm 12.2$

Labcode	Result	$\pm U$	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	78.1	7.8	97.9	-0.19	
LC0005	89.55	4.656	112	1.12	
LC0006	70.5	14.1	88.4	-1.05	
LC0007	86.4	7.6	108	0.76	
LC0008	77.5	7.75	97.2	-0.25	
LC0009	77.2	11.6	96.8	-0.29	
LC0010	82.1	0.205	103	0.27	
LC0011	85.404	14.584	107	0.65	
LC0012	-	-	-	-	
LC0013	91.98	27.59	115	1.4	
LC0014	-	-	-	-	
LC0015	94.717	12.9	119	1.71	
LC0016	75	7.5	94.1	-0.54	
LC0017	-	-	-	-	
LC0018	88	4.8	110	0.94	
LC0019	66.4	13.3	83.3	-1.52	
LC0020	86.7	6.34	109	0.79	
LC0021	76.2	6.1	95.6	-0.4	
LC0022	74.88	18.4	93.9	-0.55	
LC0023	85.4	1.49	107	0.65	
LC0024	68.2	13.6	85.5	-1.32	
LC0025	-	-	-	-	
LC0026	72.5	10.15	90.9	-0.83	
LC0027	65.3	6.5	81.9	-1.65	
LC0028	73.2	2.4	91.8	-0.75	
LC0029	81.2	8.12	102	0.17	
LC0030	87.5	17.5	110	0.89	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Molybdenum

Characteristics of parameter

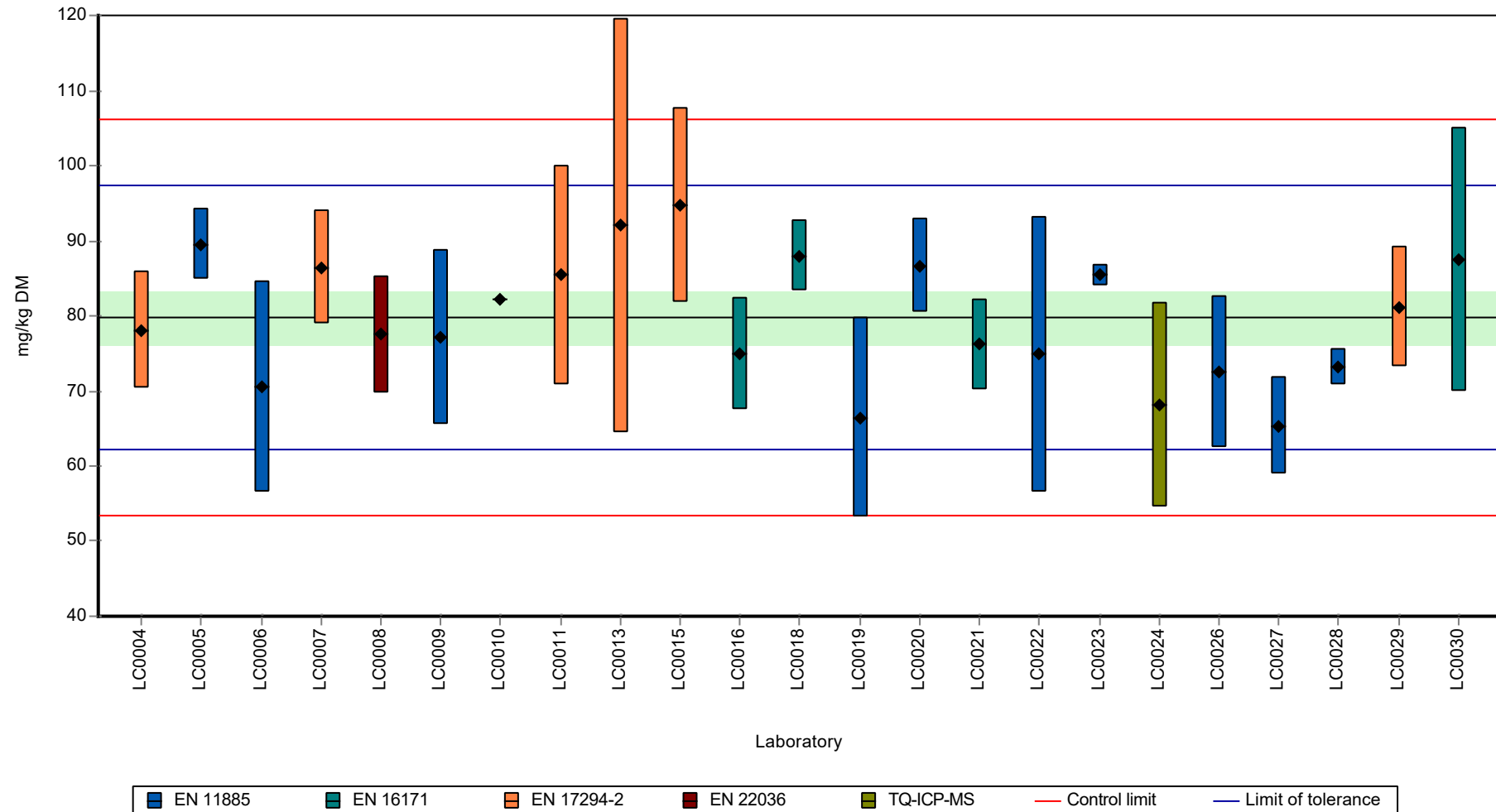
	all results	w ithout outliers	Unit
Mean $\pm$ CI (99%)	79.7 $\pm$ 5.23	79.7 $\pm$ 5.23	mg/kg DM
Minimum	65.3	65.3	mg/kg DM
Maximum	94.7	94.7	mg/kg DM
Standard deviation	8.36	8.36	mg/kg DM
rel. standard deviation	10.5	10.5	%
n	23	23	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Molybdenum

Graphical presentation of results

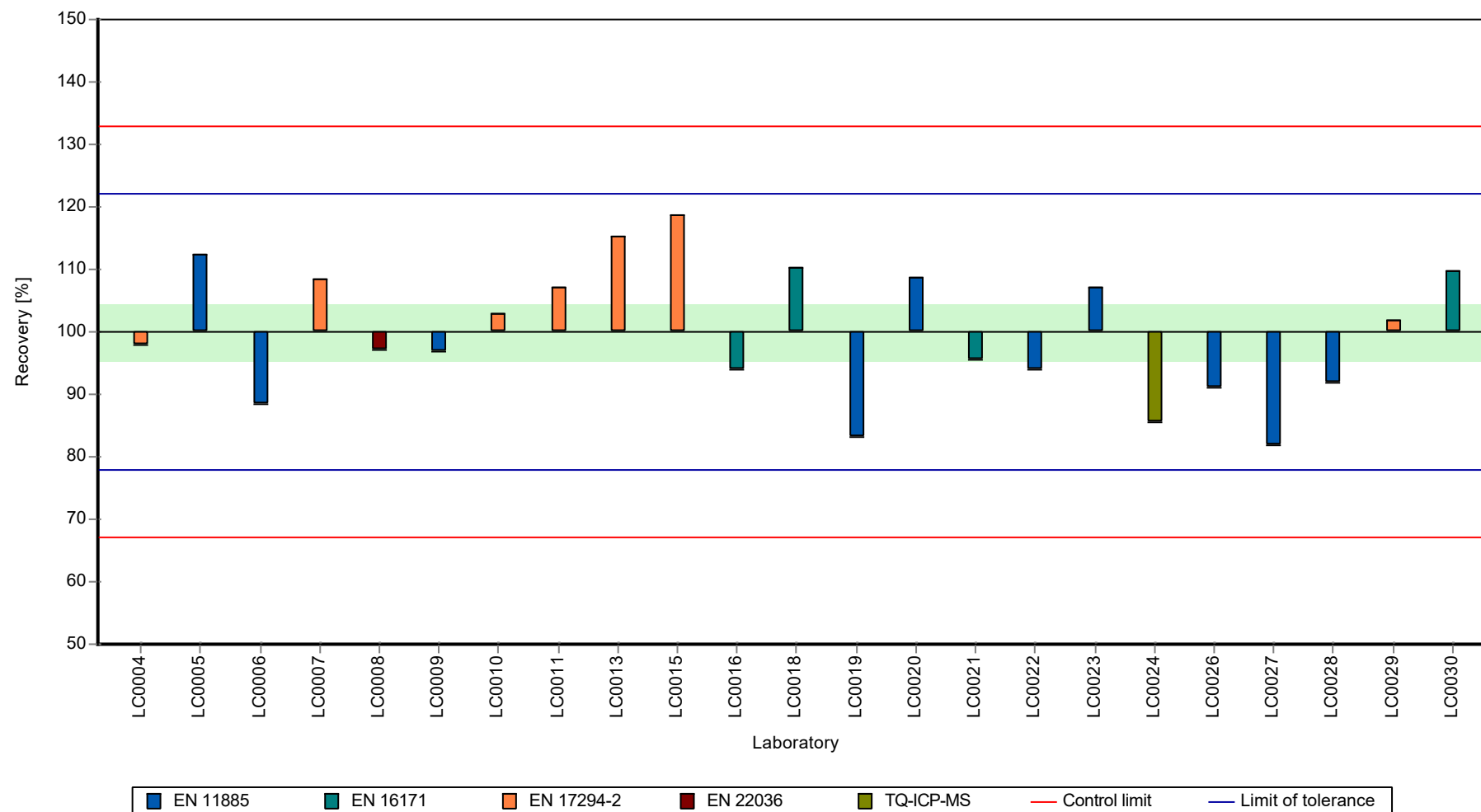
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Molybdenum

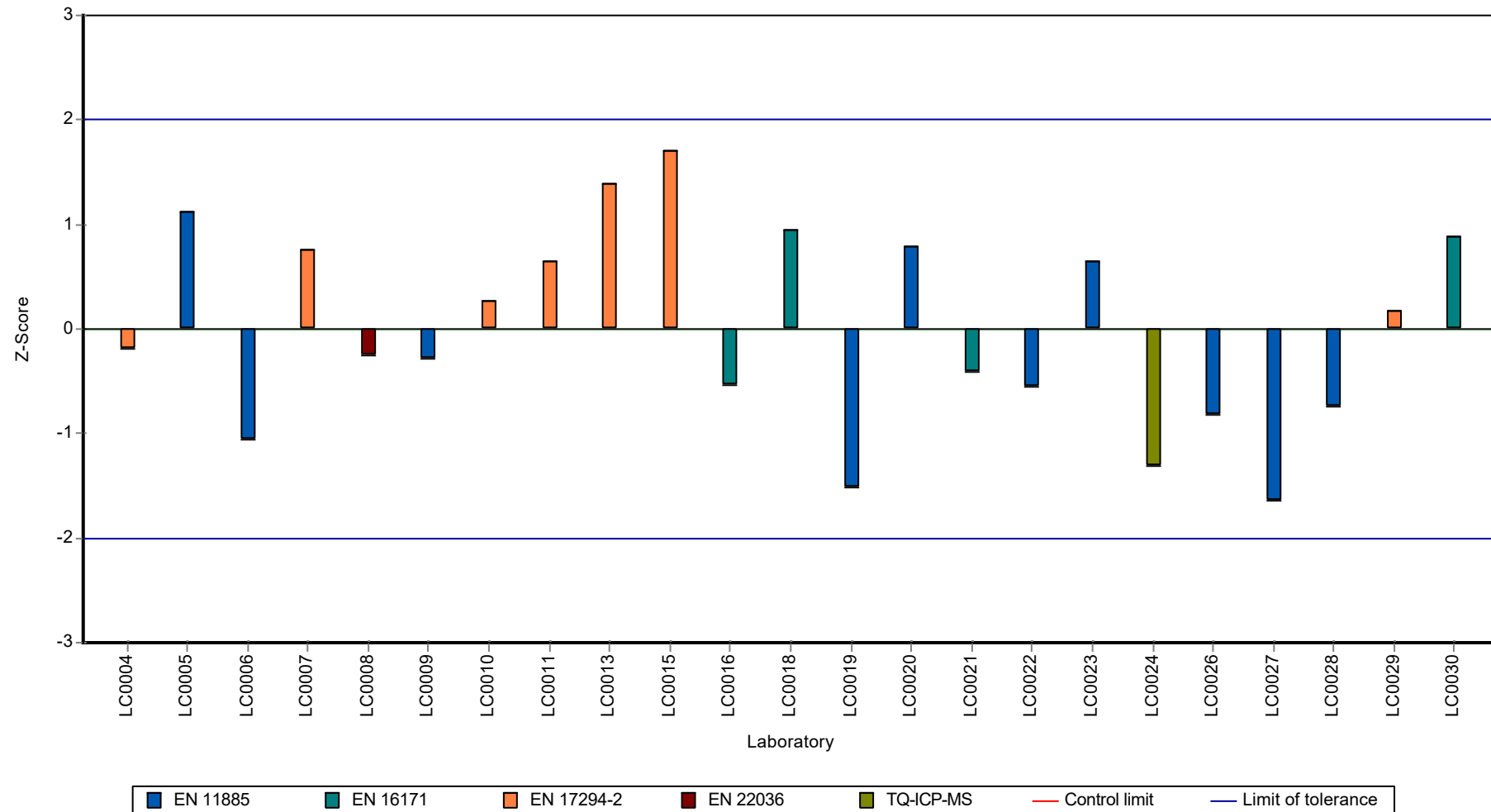
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Molybdenum

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Nickel

Parameter oriented report

AB16

Nickel

Unit mg/kg DM
Assigned value $\pm$ U (k=2) 319 $\pm$ 13.8
Criterion 35 (11 %)
Minimum - Maximum 262 - 396
Control test value $\pm$ U (k=2) 282 $\pm$ 73.3

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	304.13	15.2	95.5	-0.41	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	276	34.5	86.6	-1.21	
LC0005	310.6	13.04	97.5	-0.23	
LC0006	262	52	82.3	-1.61	
LC0007	295	12	92.6	-0.67	
LC0008	312	46.8	97.9	-0.19	
LC0009	305	31	95.8	-0.39	
LC0010	338.9	1.017	106	0.58	
LC0011	325.613	70.857	102	0.2	
LC0012	-	-	-	-	
LC0013	362.1	108.6	114	1.24	
LC0014	-	-	-	-	
LC0015	353.905	57.8	111	1.01	
LC0016	300	30	94.2	-0.53	
LC0017	-	-	-	-	
LC0018	317	12	99.5	-0.04	
LC0019	274	55	86	-1.27	
LC0020	343	56.7	108	0.7	
LC0021	295	23.6	92.6	-0.67	
LC0022	303.1	61.5	95.2	-0.44	
LC0023	354	11.4	111	1.01	
LC0024	353	17.7	111	0.98	
LC0025	-	-	-	-	
LC0026	327.2	63.4	103	0.25	
LC0027	262	34	82.3	-1.61	
LC0028	350	18	110	0.9	
LC0029	325	32.5	102	0.18	
LC0030	396.2	31.068	124	2.22	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Nickel

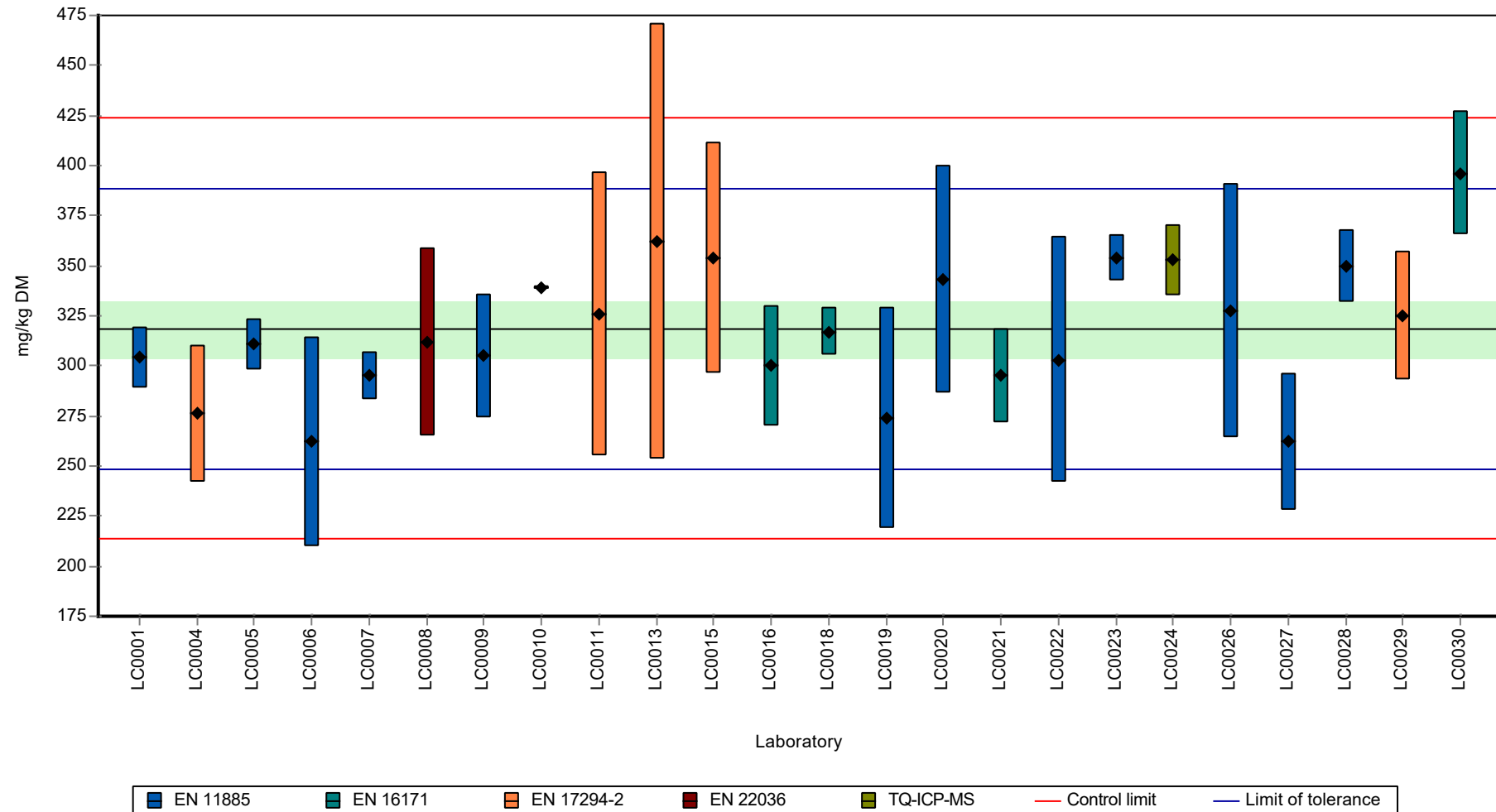
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	319 ± 20.7	319 ± 20.7	mg/kg DM
Minimum	262	262	mg/kg DM
Maximum	396	396	mg/kg DM
Standard deviation	33.7	33.7	mg/kg DM
rel. standard deviation	10.6	10.6	%
n	24	24	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Nickel

Graphical presentation of results

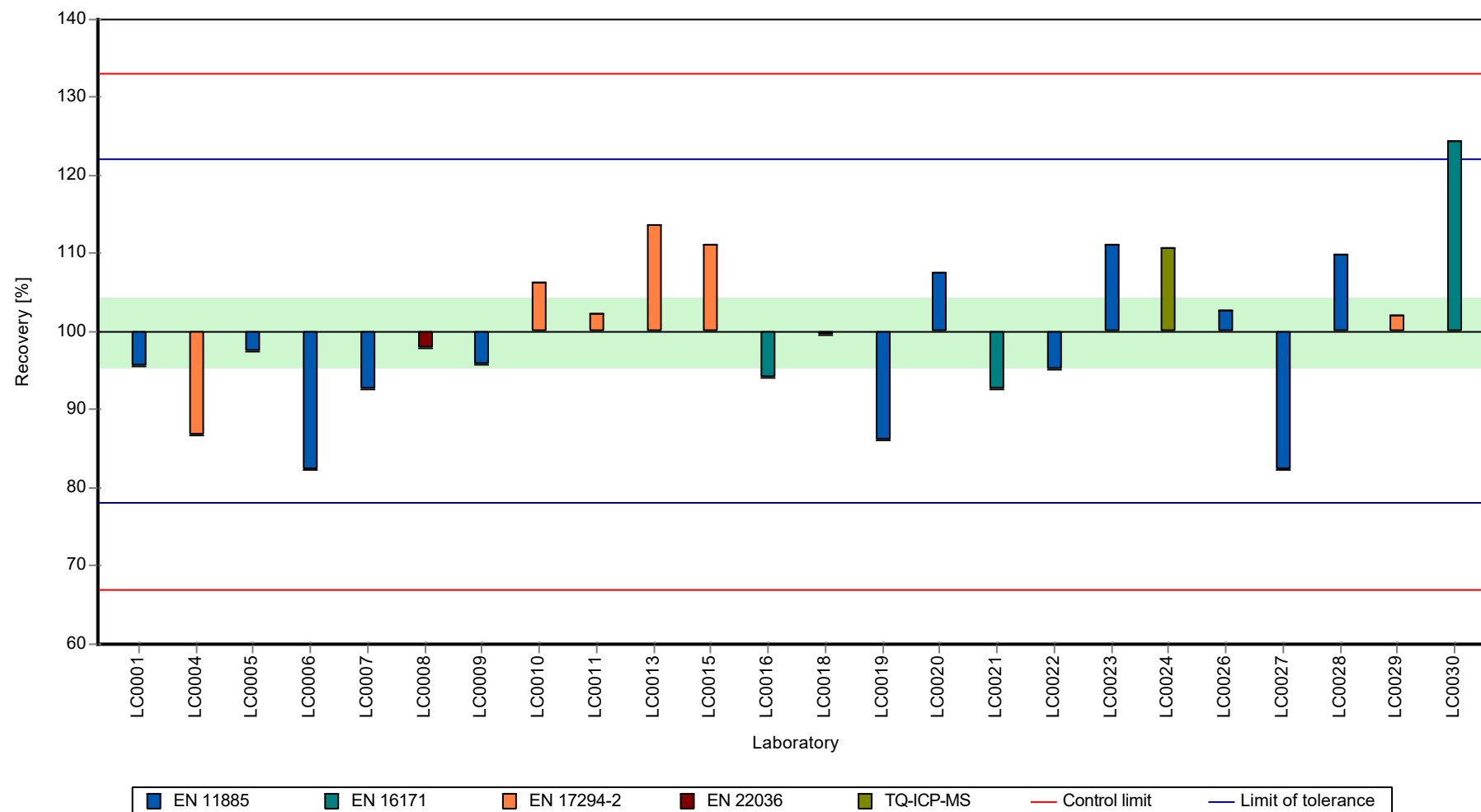
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Nickel

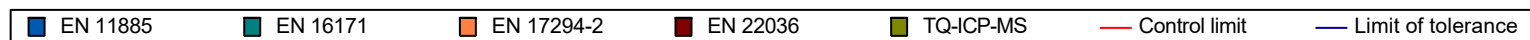
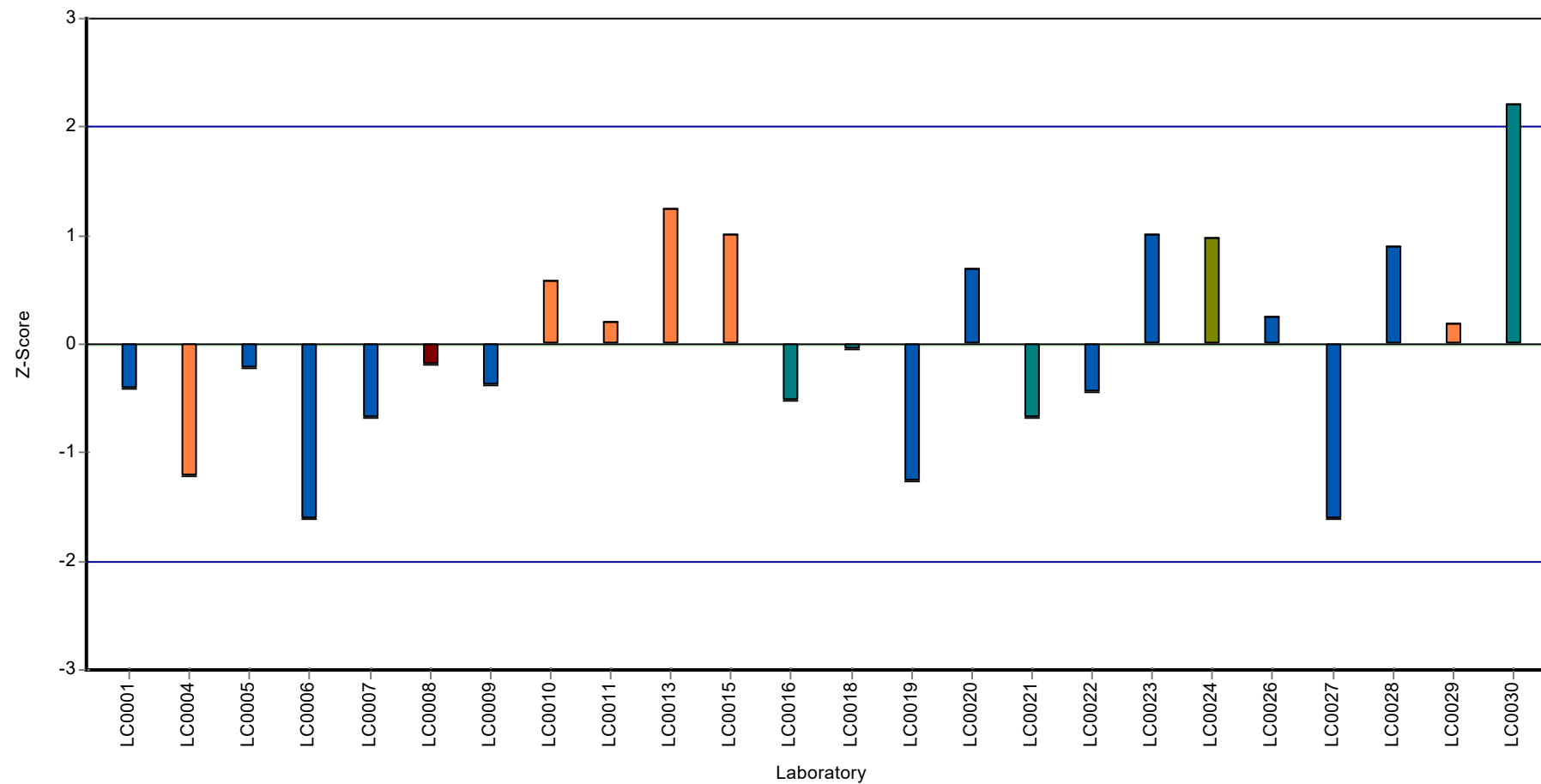
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Nickel

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Selenium

Parameter oriented report

AB16

Selenium

Unit	mg/kg DM
Assigned value $\pm$ U (k=2)	2.47 $\pm$ 0.315
Criterion	0.52 (21 %)
Minimum - Maximum	1.48 - 3.37
Control test value $\pm$ U (k=2)	2,17 $\pm$ 0.543

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	2.9	0.646	117	0.82	
LC0005	< 5 (LOQ)	-	-	-	
LC0006	1.86	0.37	75.2	-1.18	
LC0007	3.37	0.25	136	1.72	
LC0008	1.48	0.148	59.8	-1.91	
LC0009	2.78	0.556	112	0.59	
LC0010	2.34	0.00468	94.6	-0.26	
LC0011	< 5.09 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	2.334	0.259	94.3	-0.27	
LC0016	< 5 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 5 (LOQ)	-	-	-	
LC0019	< 1.25 (LOQ)	-	-	-	
LC0020	< 0.747 (LOQ)	-	-	-	
LC0021	< 5.3 (LOQ)	-	-	-	
LC0022	<2 (LOD)	-	-	-	
LC0023	2.14	0.11	86.5	-0.64	
LC0024	2.71	0.379	110	0.45	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	4.39	0.45	177	3.69	H
LC0028	< 10 (LOQ)	-	-	-	
LC0029	2.54	0.33	103	0.13	
LC0030	2.76	0.513	112	0.55	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Selenium

Characteristics of parameter

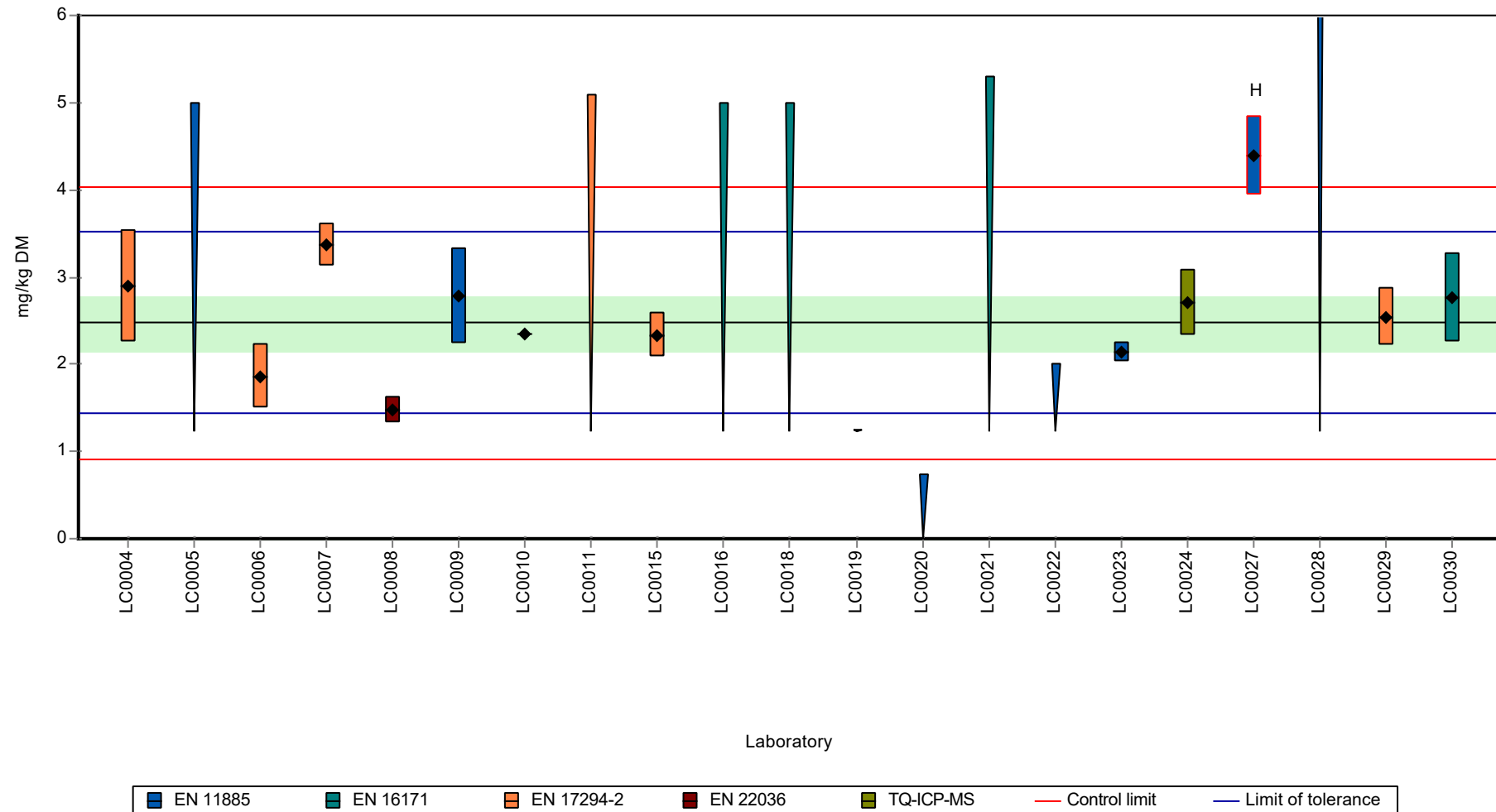
	all results	without outliers	Unit
Mean $\pm$ CI (99%)	2.63 $\pm$ 0.645	2.47 $\pm$ 0.473	mg/kg DM
Minimum	1.48	1.48	mg/kg DM
Maximum	4.39	3.37	mg/kg DM
Standard deviation	0.745	0.523	mg/kg DM
rel. standard deviation	28.3	21.1	%
n	12	11	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Selenium

Graphical presentation of results

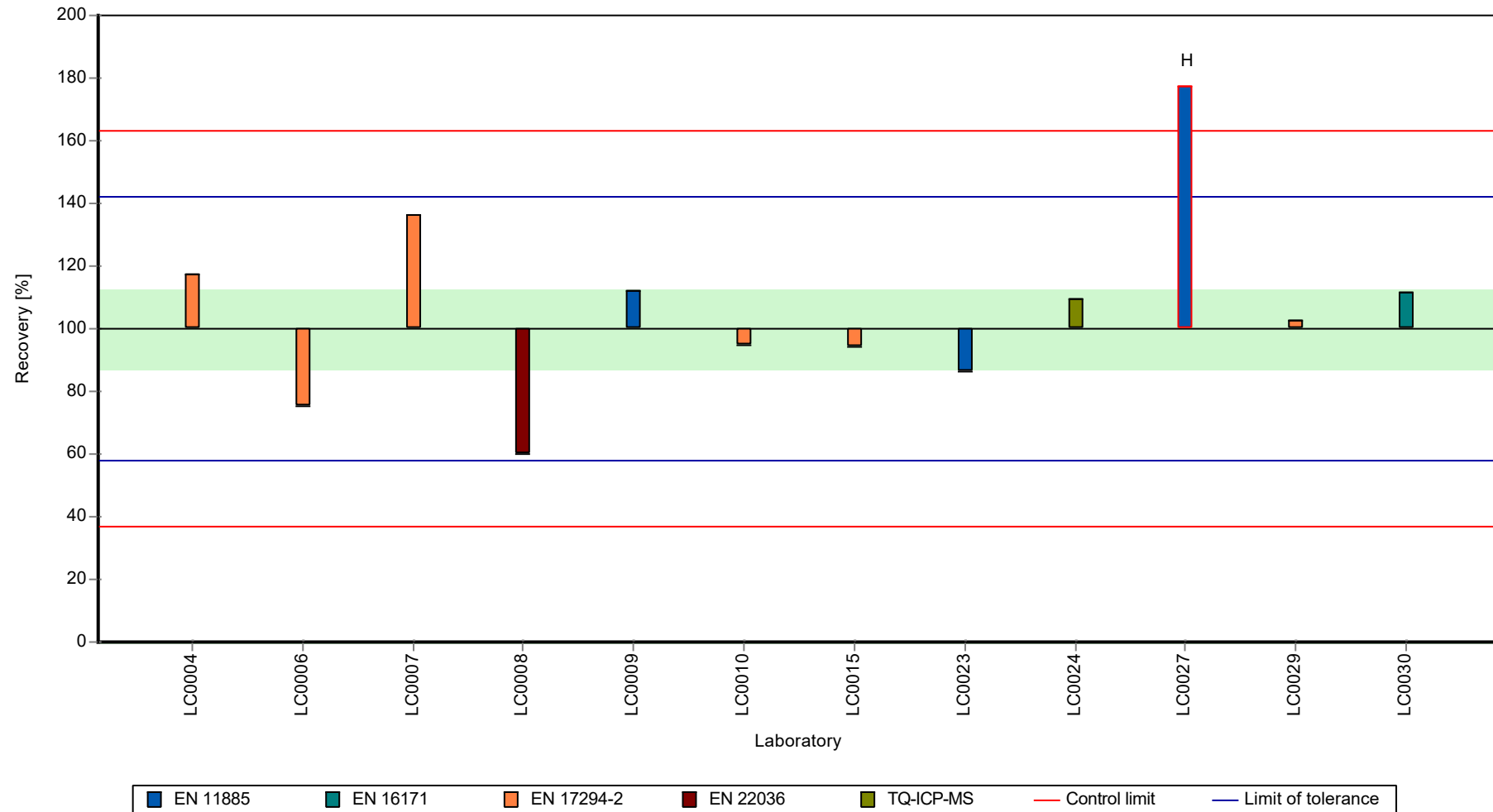
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Selenium

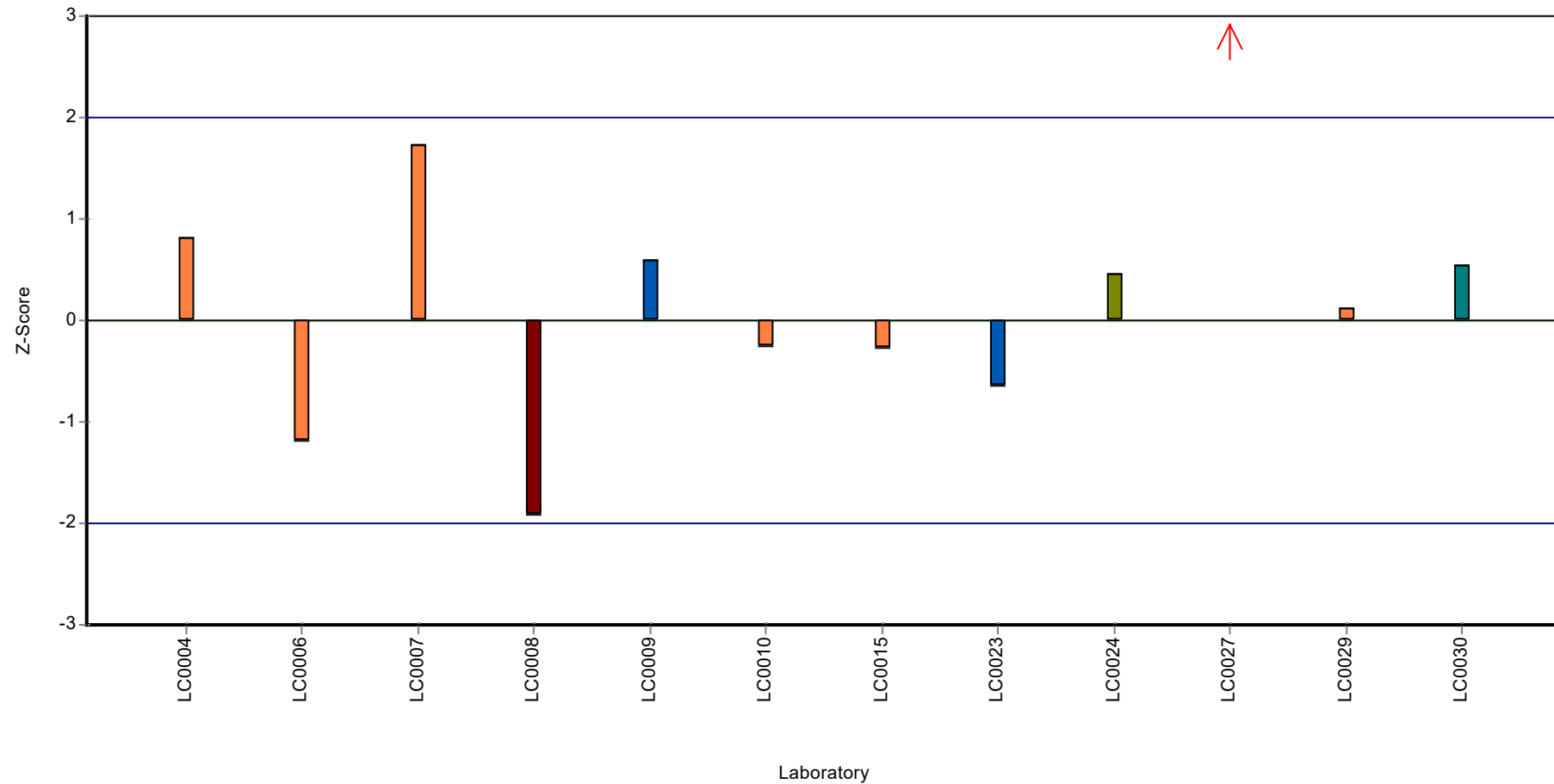
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Selenium

Z-score



■ EN 11885
 ■ EN 16171
 ■ EN 17294-2
 ■ EN 22036
 ■ TQ-ICP-MS
 — Control limit
 — Limit of tolerance

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Silver

Parameter oriented report

AB16

Silver

Unit	mg/kg DM
Assigned value $\pm$ U (k=2)	6.68 $\pm$ 0.673
Criterion	1.34 (20 %)
Minimum - Maximum	3.78 - 9.38
Control test value $\pm$ U (k=2)	7,25 $\pm$ 1.45

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	6.17	0.772	92.3	-0.38	
LC0005	38.13	2.402	570	23.52	H
LC0006	< 5 (LOQ)	-	-	-	
LC0007	7.29	0.69	109	0.45	
LC0008	-	-	-	-	
LC0009	9.38	1.876	140	2.02	
LC0010	7.3	0.0219	109	0.46	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	8.073	0.769	121	1.04	
LC0016	6.7	0.67	100	0.01	
LC0017	-	-	-	-	
LC0018	8.62	0.33	129	1.45	
LC0019	3.78	0.76	56.5	-2.17	
LC0020	5.8	0.62	86.8	-0.66	
LC0021	5.88	0.647	88	-0.6	
LC0022	5.278	1.14	79	-1.05	
LC0023	7.07	0.04	106	0.29	
LC0024	6.36	0.318	95.1	-0.24	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	5.68	0.95	85	-0.75	
LC0028	< 10 (LOQ)	-	-	-	
LC0029	6.59	0.79	98.6	-0.07	
LC0030	6.98	1.229	104	0.22	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Silver

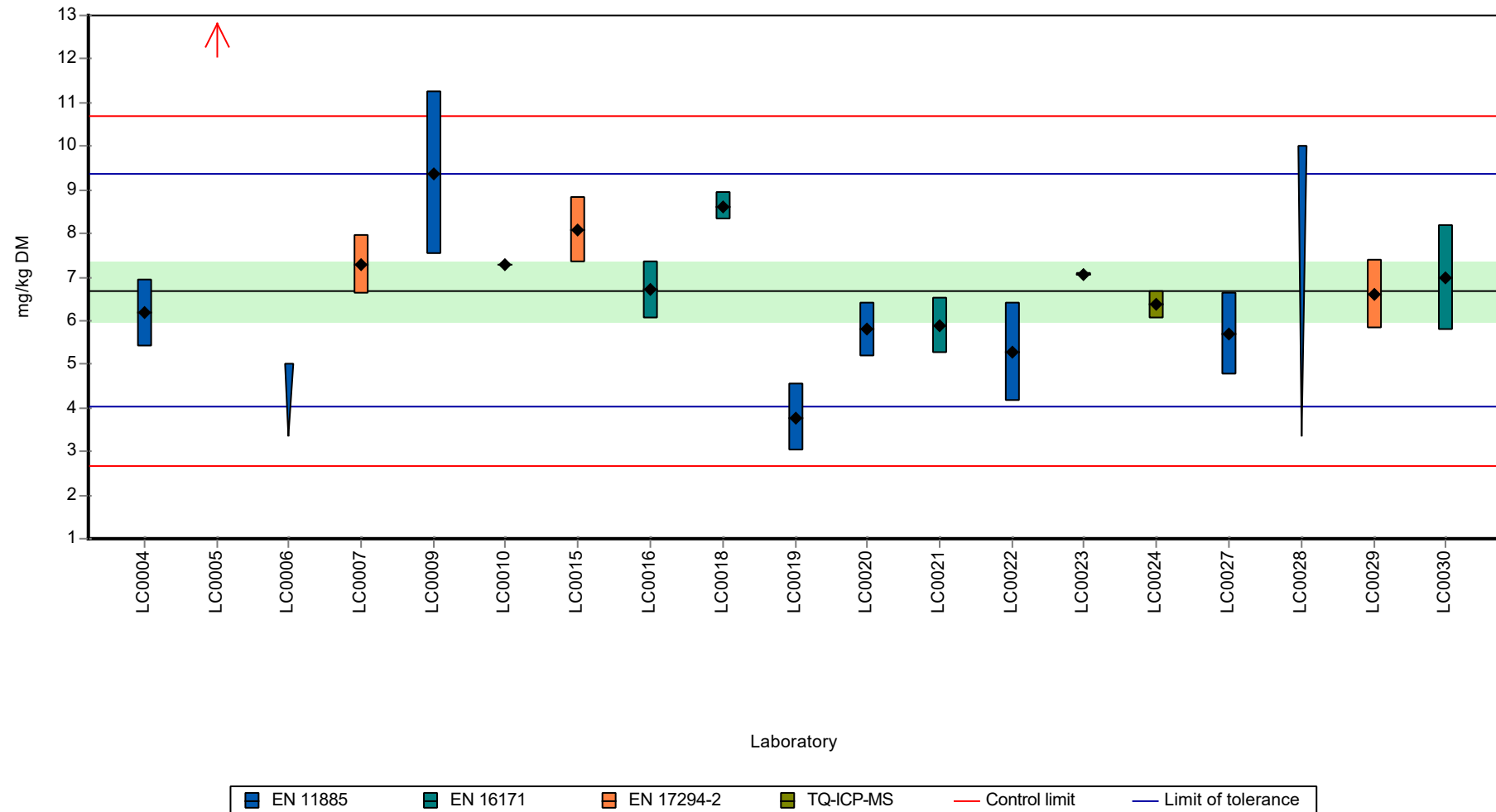
Characteristics of parameter			
	all results	without outliers	Unit
Mean $\pm$ CI (99%)	8.53 $\pm$ 5.63	6.68 $\pm$ 1.01	mg/kg DM
Minimum	3.78	3.78	mg/kg DM
Maximum	38.1	9.38	mg/kg DM
Standard deviation	7.74	1.35	mg/kg DM
rel. standard deviation	90.7	20.1	%
n	17	16	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Silver

Graphical presentation of results

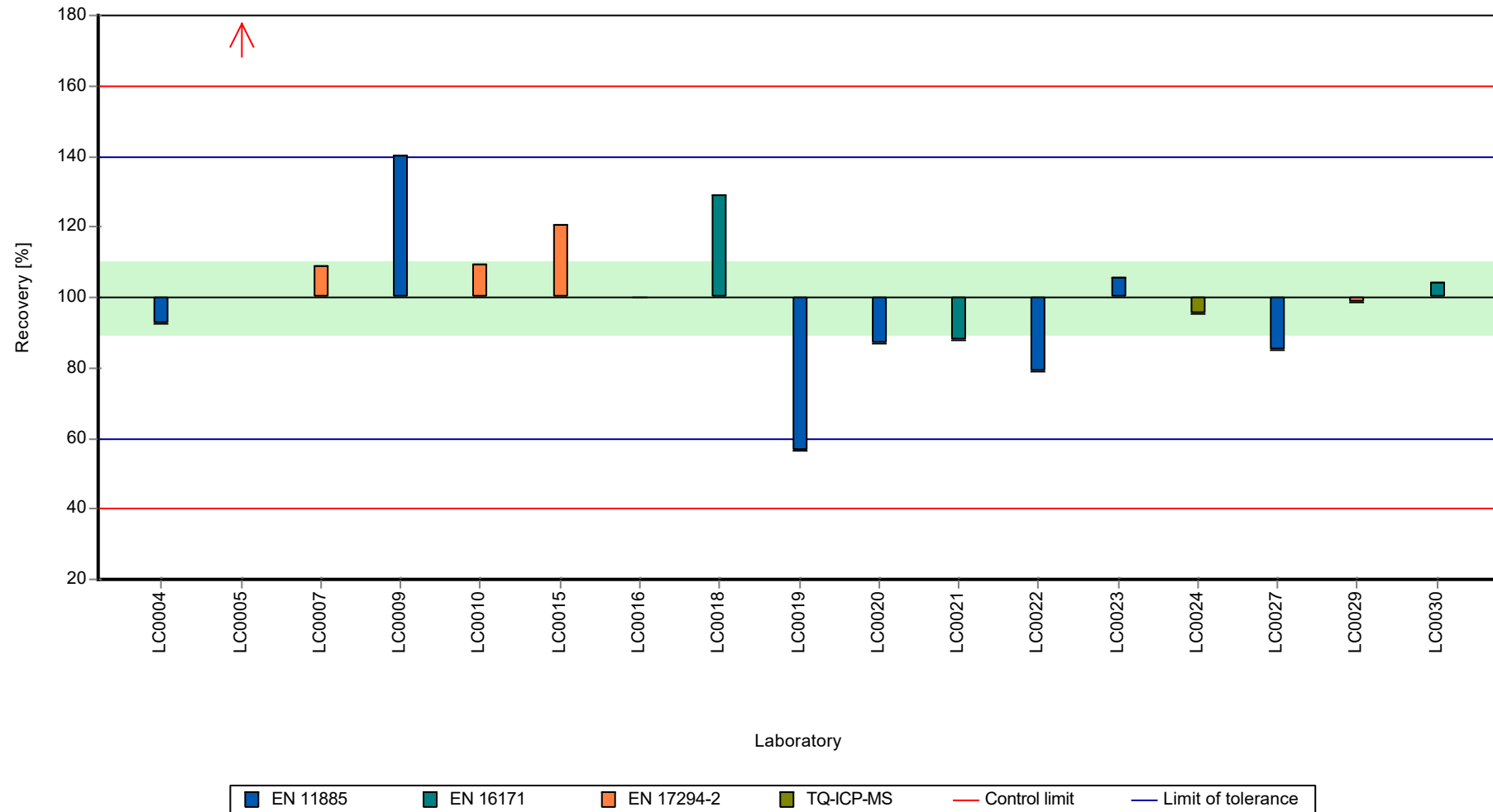
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Silver

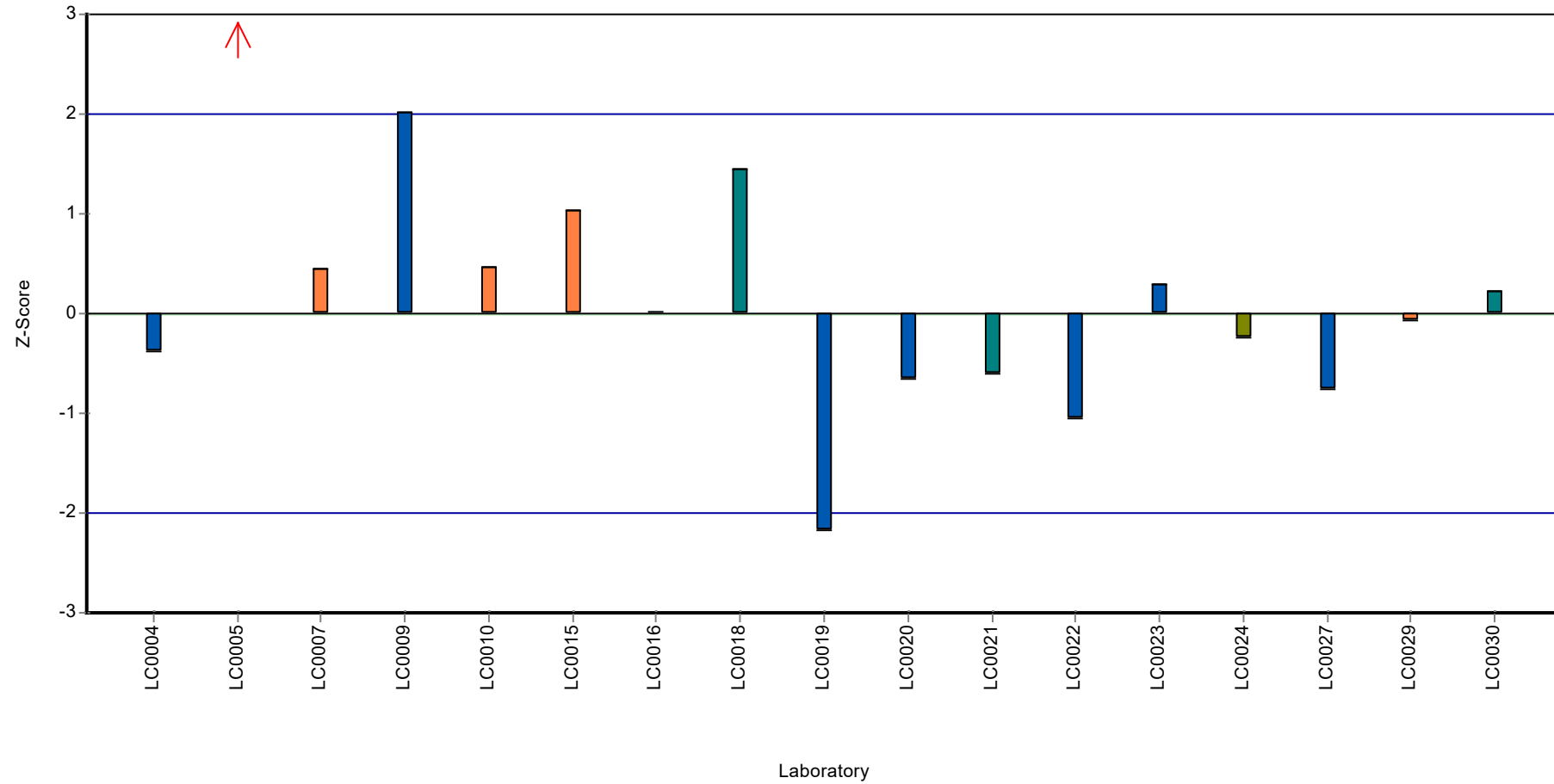
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Silver

Z-score



EN 11885 EN 16171 EN 17294-2 TQ-ICP-MS Control limit Limit of tolerance

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Sum 16 PAH (acc. to EPA)

Parameter oriented report

AB16

Sum 16 PAH (acc. to EPA)

Unit mg/kg DM
Assigned value $\pm U$ (k=2) 33.1 ± 2.36
Criterion 5.63 (17 %)
Minimum - Maximum 21.7 - 44.6
Control test value $\pm U$ (k=2) -

Labcode	Result	$\pm U$	Recovery [%]	z-score	Comments
LC0001	36.467	0.65	110	0.59	
LC0002	34.4	13.1	104	0.23	
LC0003	31.3	9.07	94.5	-0.32	
LC0004	40.6	6.09	123	1.33	
LC0005	55.35	17.16	167	3.95	H
LC0006	27.9	5.6	84.2	-0.93	
LC0007	36.3	2.3	110	0.56	
LC0008	25.9	5.17	78.2	-1.28	
LC0009	33.2	6.64	100	0.01	
LC0010	25.52	6.38	77.1	-1.35	
LC0011	-	-	-	-	
LC0012	38.3	9.96	116	0.92	
LC0013	36.4	16.3	110	0.58	
LC0014	-	-	-	-	
LC0015	34.39	10.317	104	0.23	
LC0016	37	3.7	112	0.69	
LC0017	44.6	5.35	135	2.04	
LC0018	36.1	1.8	109	0.53	
LC0019	29.3	5.9	88.5	-0.68	
LC0020	31.9	1.2	96.3	-0.22	
LC0021	33.3	7.33	101	0.03	
LC0022	21.7	6.29	65.5	-2.03	
LC0023	39.9	2.6	120	1.2	
LC0024	35.18	6.33	106	0.37	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	31	3.4	93.6	-0.38	
LC0028	17.2	1.5	51.9	-2.83	H
LC0029	26.17	7.851	79	-1.23	
LC0030	34.41	11	104	0.23	
LC0031	26.8	4.15	80.9	-1.12	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Sum 16 PAH (acc. to EPA)

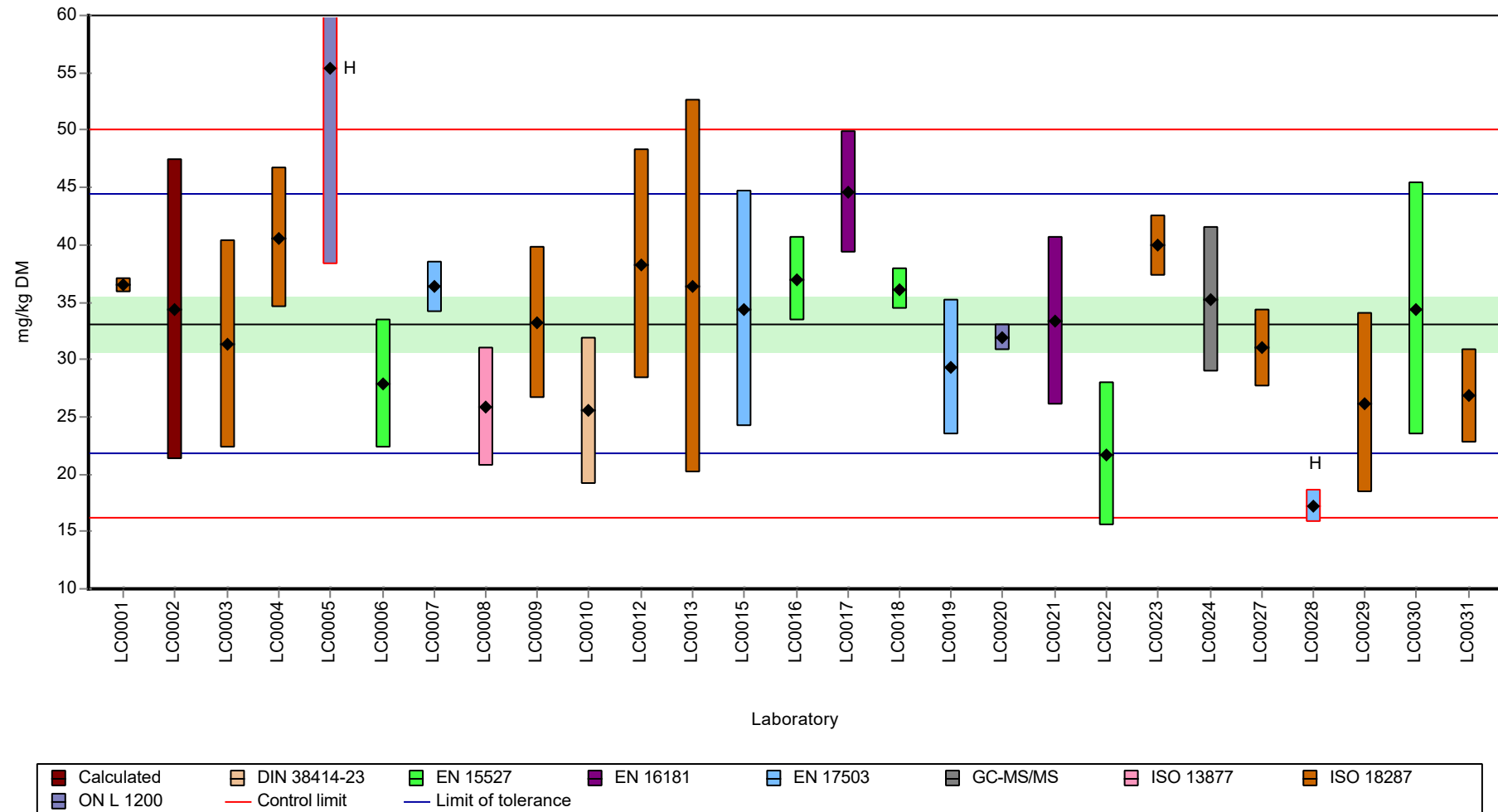
Characteristics of parameter			
	all results	without outliers	Unit
Mean $\pm$ CI (99%)	33.4 $\pm$ 4.31	33.1 $\pm$ 3.25	mg/kg DM
Minimum	17.2	21.7	mg/kg DM
Maximum	55.4	44.6	mg/kg DM
Standard deviation	7.47	5.42	mg/kg DM
rel. standard deviation	22.4	16.4	%
n	27	25	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Sum 16 PAH (acc. to EPA)

Graphical presentation of results

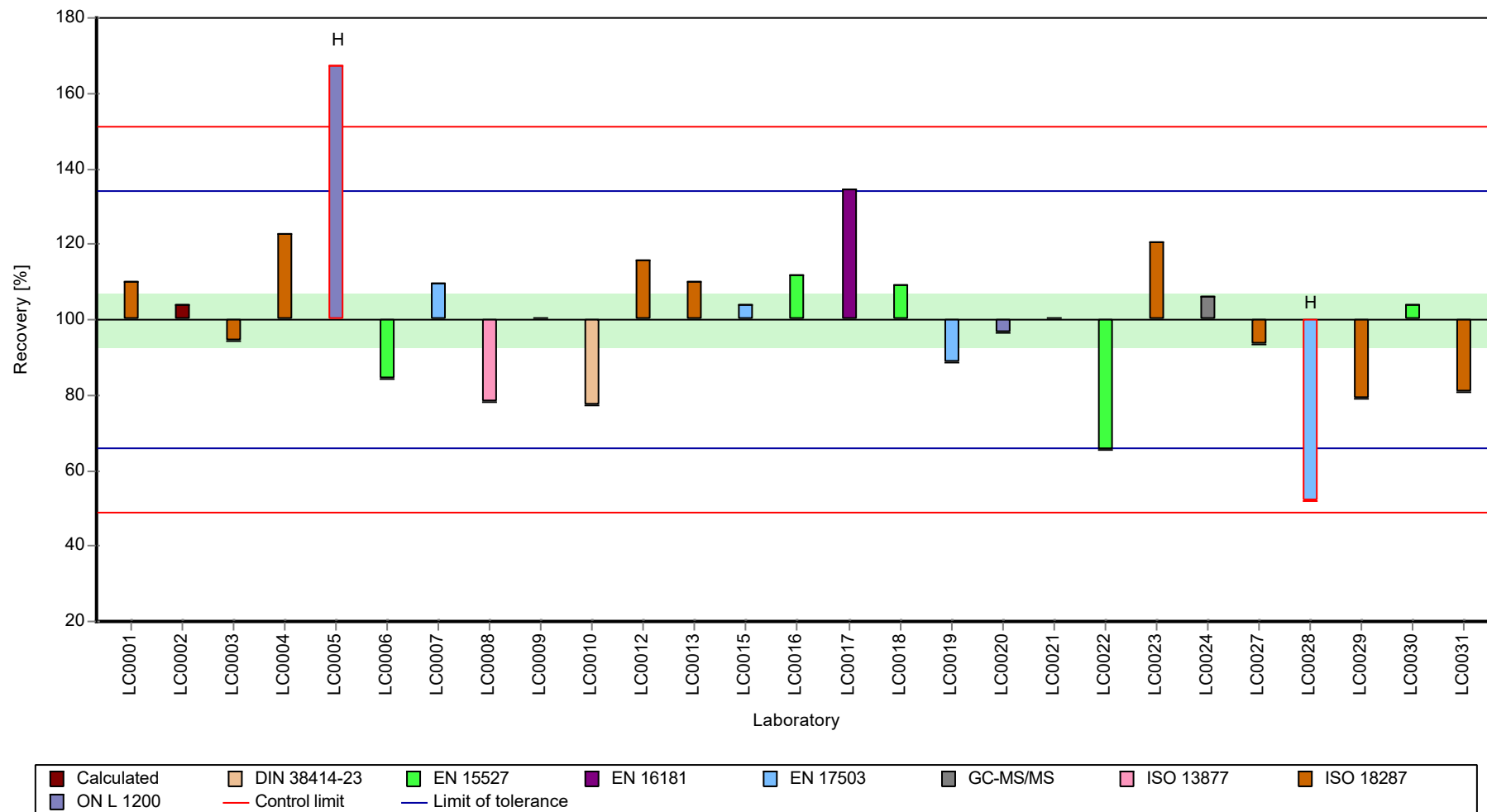
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Sum 16 PAH (acc. to EPA)

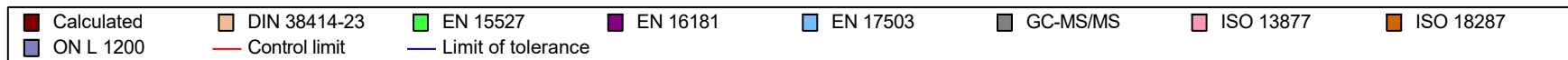
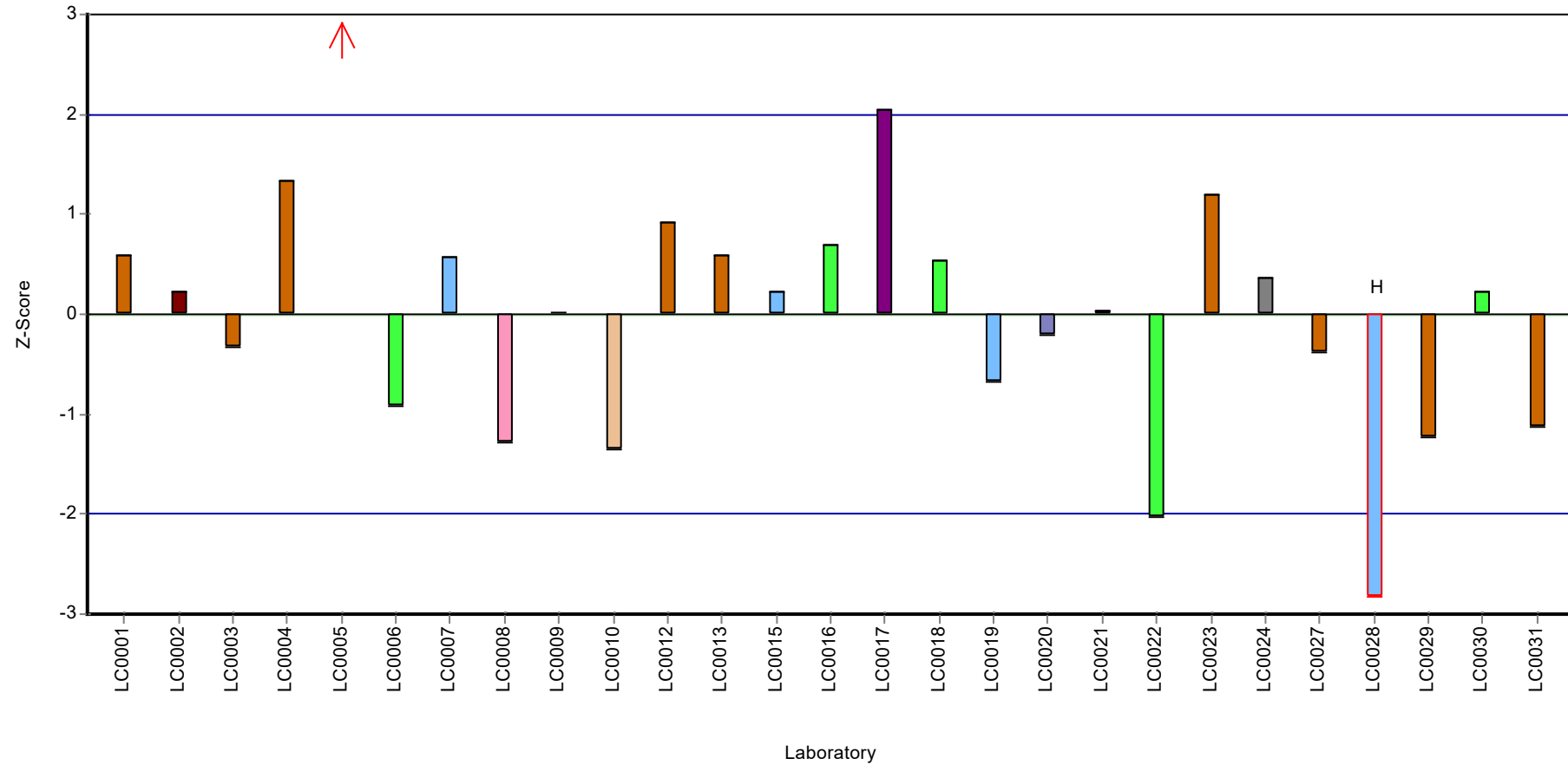
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Sum 16 PAH (acc. to EPA)

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Tin

Parameter oriented report

AB16

Tin

Unit mg/kg DM
Assigned value $\pm U$ (k=2) 168 ± 10.1
Criterion 23.5 (14 %)
Minimum - Maximum 118 - 204
Control test value $\pm U$ (k=2) 187 ± 31.8

Labcode	Result	$\pm U$	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	165	16.5	98.2	-0.13	
LC0005	182.7	15.84	109	0.62	
LC0006	118	24	70.2	-2.13	
LC0007	190	17	113	0.93	
LC0008	154	15.4	91.6	-0.6	
LC0009	174	35	104	0.25	
LC0010	204.3	0.715	122	1.54	
LC0011	176.853	21.792	105	0.37	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	201.736	51.4	120	1.43	
LC0016	160	16	95.2	-0.34	
LC0017	-	-	-	-	
LC0018	188	3	112	0.85	
LC0019	192	38	114	1.02	
LC0020	185	19.4	110	0.72	
LC0021	164	18	97.6	-0.17	
LC0022	145.4	44.1	86.5	-0.96	
LC0023	149	9.12	88.7	-0.81	
LC0024	178	28.5	106	0.42	
LC0025	-	-	-	-	
LC0026	127.4	25.48	75.8	-1.73	
LC0027	133	21	79.1	-1.49	
LC0028	154	6	91.6	-0.6	
LC0029	167	45.1	99.4	-0.04	
LC0030	187.5	32.625	112	0.83	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Tin

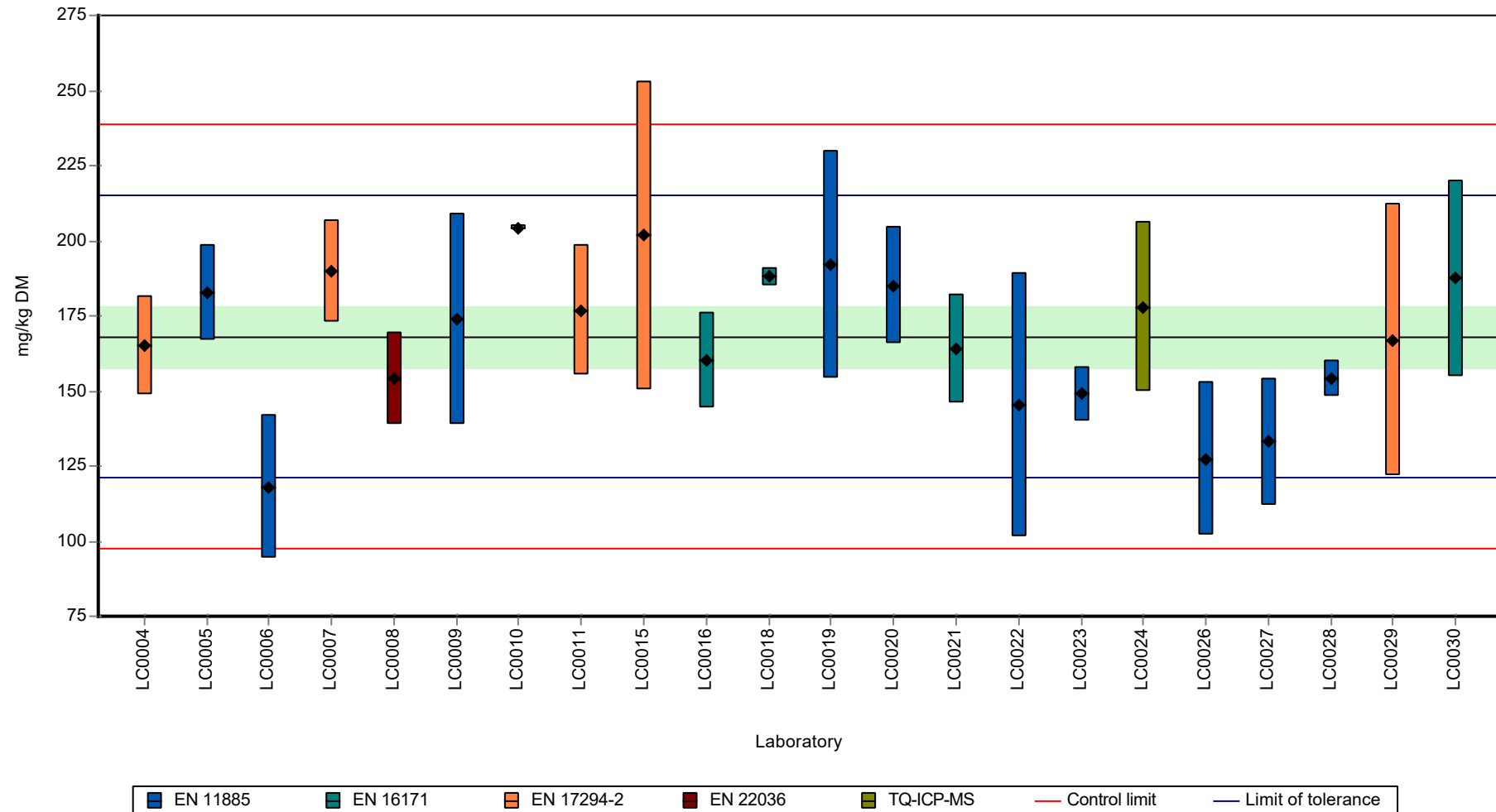
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	168 ± 15.1	168 ± 15.1	mg/kg DM
Minimum	118	118	mg/kg DM
Maximum	204	204	mg/kg DM
Standard deviation	23.6	23.6	mg/kg DM
rel. standard deviation	14.1	14.1	%
n	22	22	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Tin

Graphical presentation of results

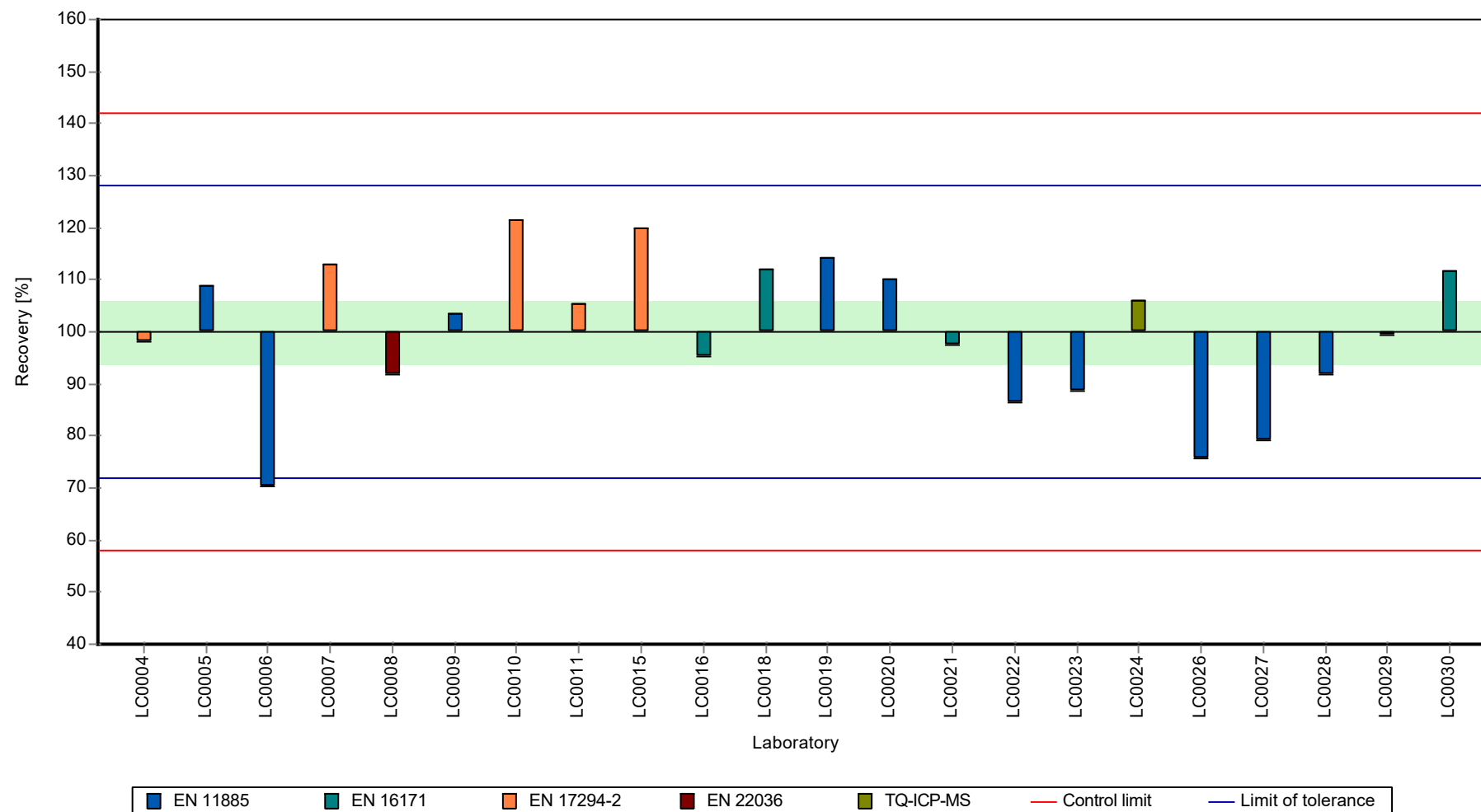
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Tin

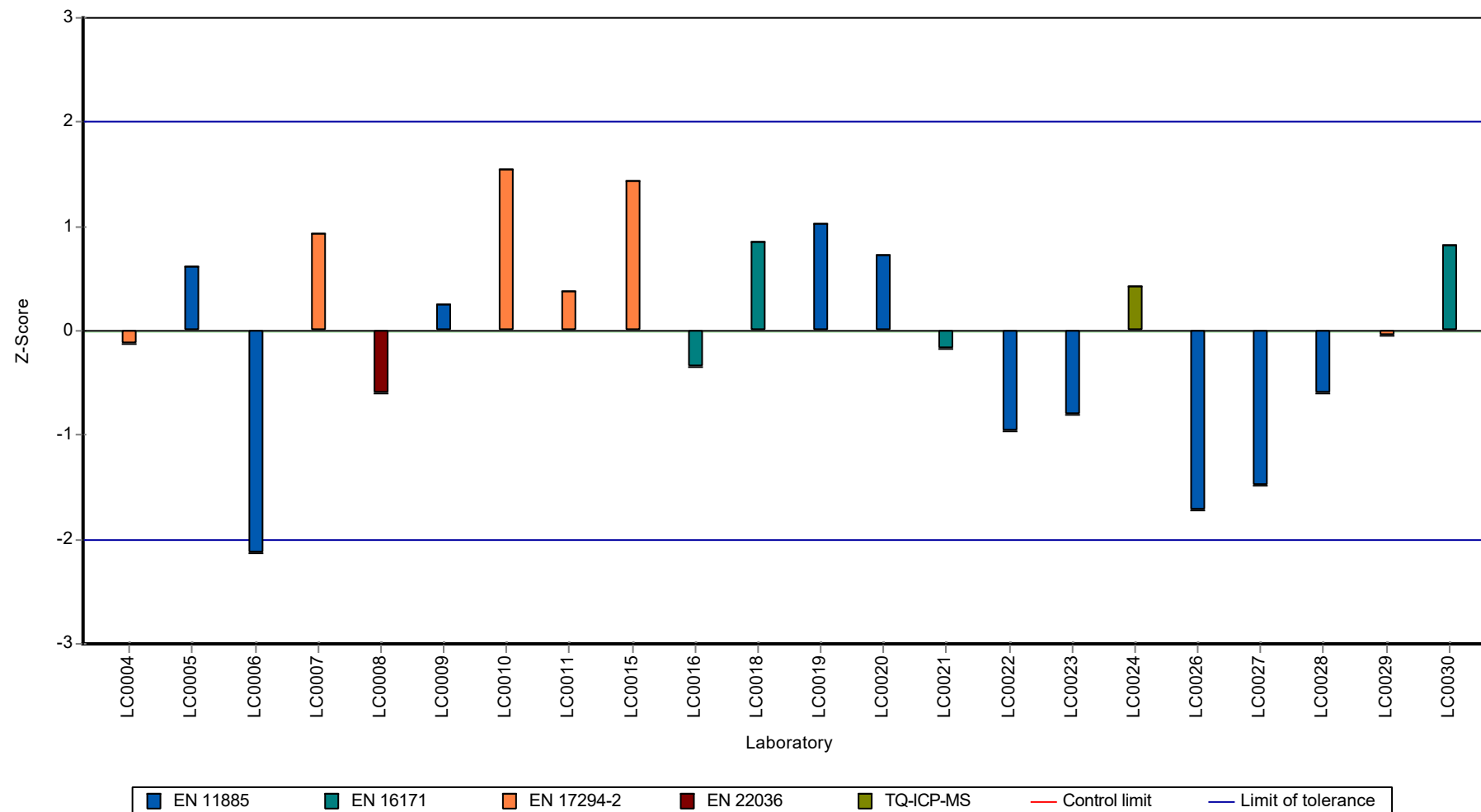
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Tin

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: TOC (as C)

Parameter oriented report

AB16

TOC (as C)

Unit	mg/kg DM
Assigned value $\pm$ U (k=2)	17700 $\pm$ 817
Criterion	1950 (11 %)
Minimum - Maximum	14200 - 21900
Control test value $\pm$ U (k=2)	23600 $\pm$ 4720

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	17690	1443	99.8	-0.01	
LC0002	21900	4380	124	2.15	
LC0003	16300	2290	92	-0.73	
LC0004	17600	2200	99.3	-0.06	
LC0005	14230	1423	80.3	-1.79	
LC0006	19900	4000	112	1.12	
LC0007	15786	640	89.1	-0.99	
LC0008	14700	2940	83	-1.55	
LC0009	17100	2565	96.5	-0.32	
LC0010	16389	1600	92.5	-0.68	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	17456	2618	98.5	-0.13	
LC0014	-	-	-	-	
LC0015	17263.11	368	97.4	-0.23	
LC0016	18000	1800	102	0.14	
LC0017	-	-	-	-	
LC0018	16600	353	93.7	-0.57	
LC0019	21500	3200	121	1.94	
LC0020	16800	1000	94.8	-0.47	
LC0021	17300	2250	97.6	-0.21	
LC0022	15971	3014	90.1	-0.9	
LC0023	16511	2080	93.2	-0.62	
LC0024	19700	1970	111	1.02	
LC0025	-	-	-	-	
LC0026	19855	5957	112	1.1	
LC0027	-	-	-	-	
LC0028	19500	1200	110	0.91	
LC0029	15791.333	1894.96	89.1	-0.99	
LC0030	18400	5851	104	0.35	
LC0031	19800	990	112	1.07	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: TOC (as C)

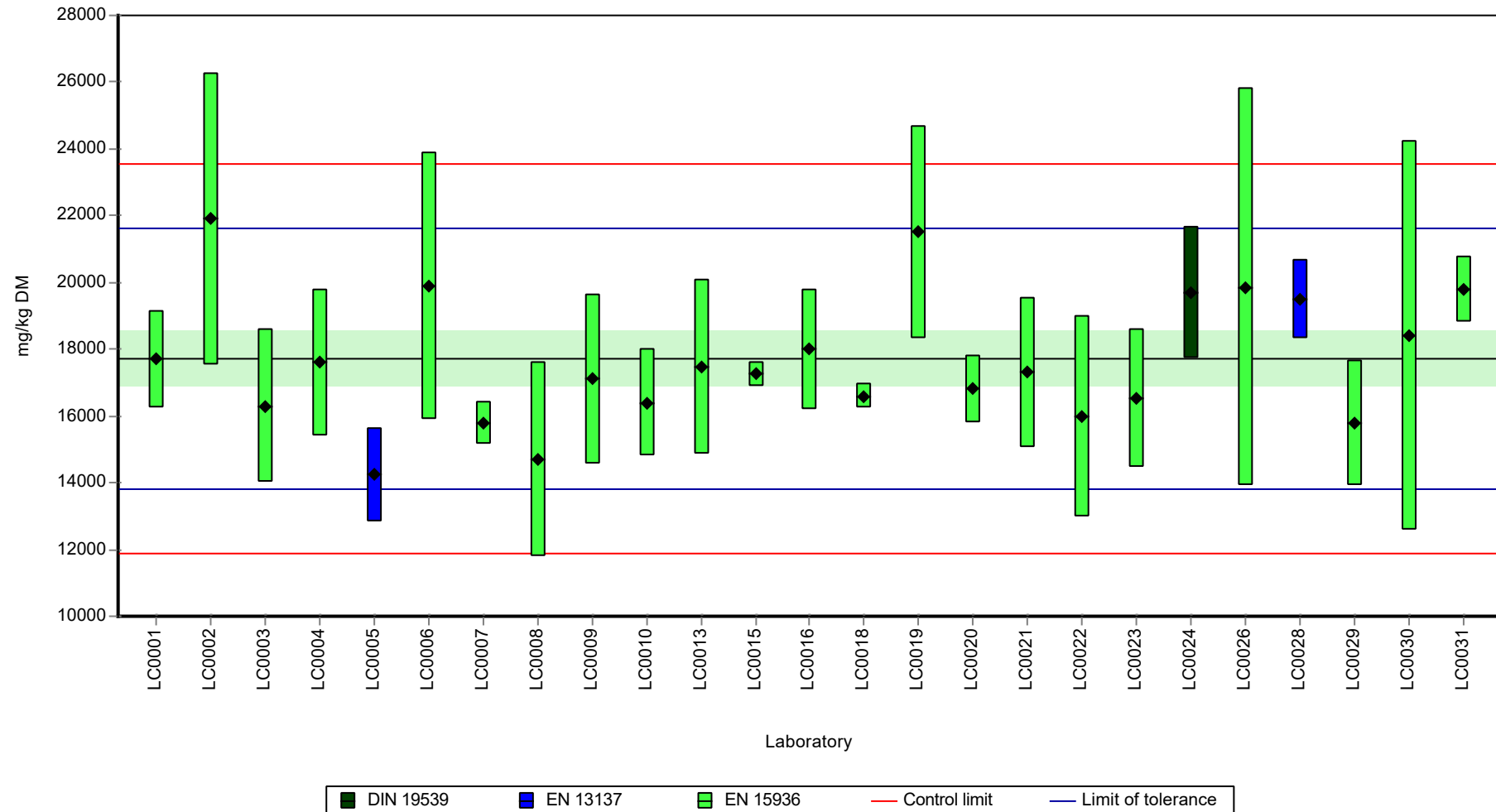
Characteristics of parameter			
	all results	without outliers	Unit
Mean $\pm$ CI (99%)	17700 $\pm$ 1180	17700 $\pm$ 1180	mg/kg DM
Minimum	14200	14200	mg/kg DM
Maximum	21900	21900	mg/kg DM
Standard deviation	1970	1970	mg/kg DM
rel. standard deviation	11.1	11.1	%
n	25	25	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: TOC (as C)

Graphical presentation of results

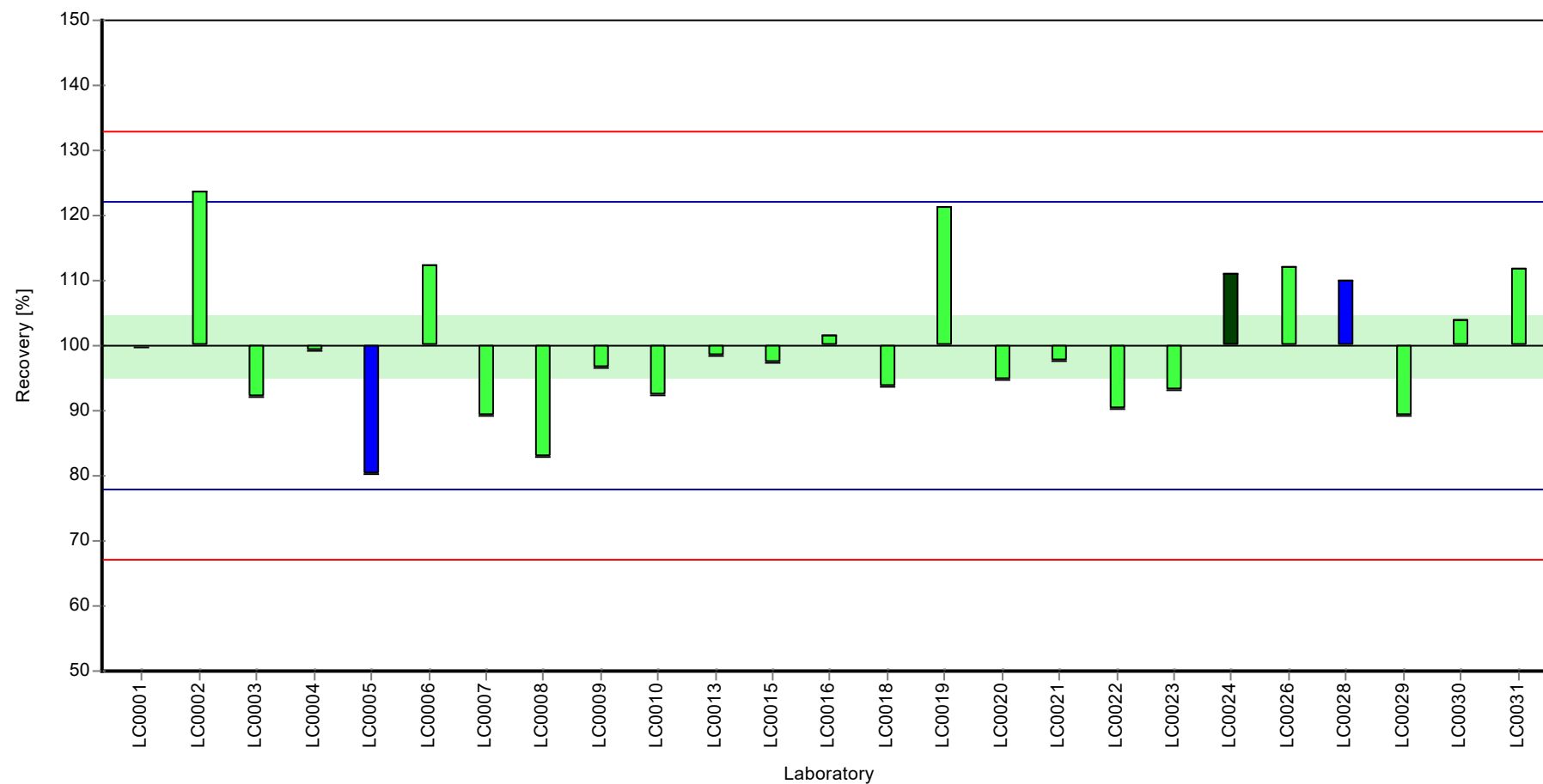
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: TOC (as C)

Recovery rate

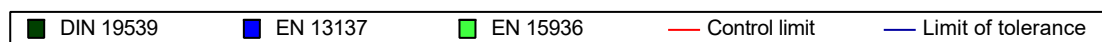
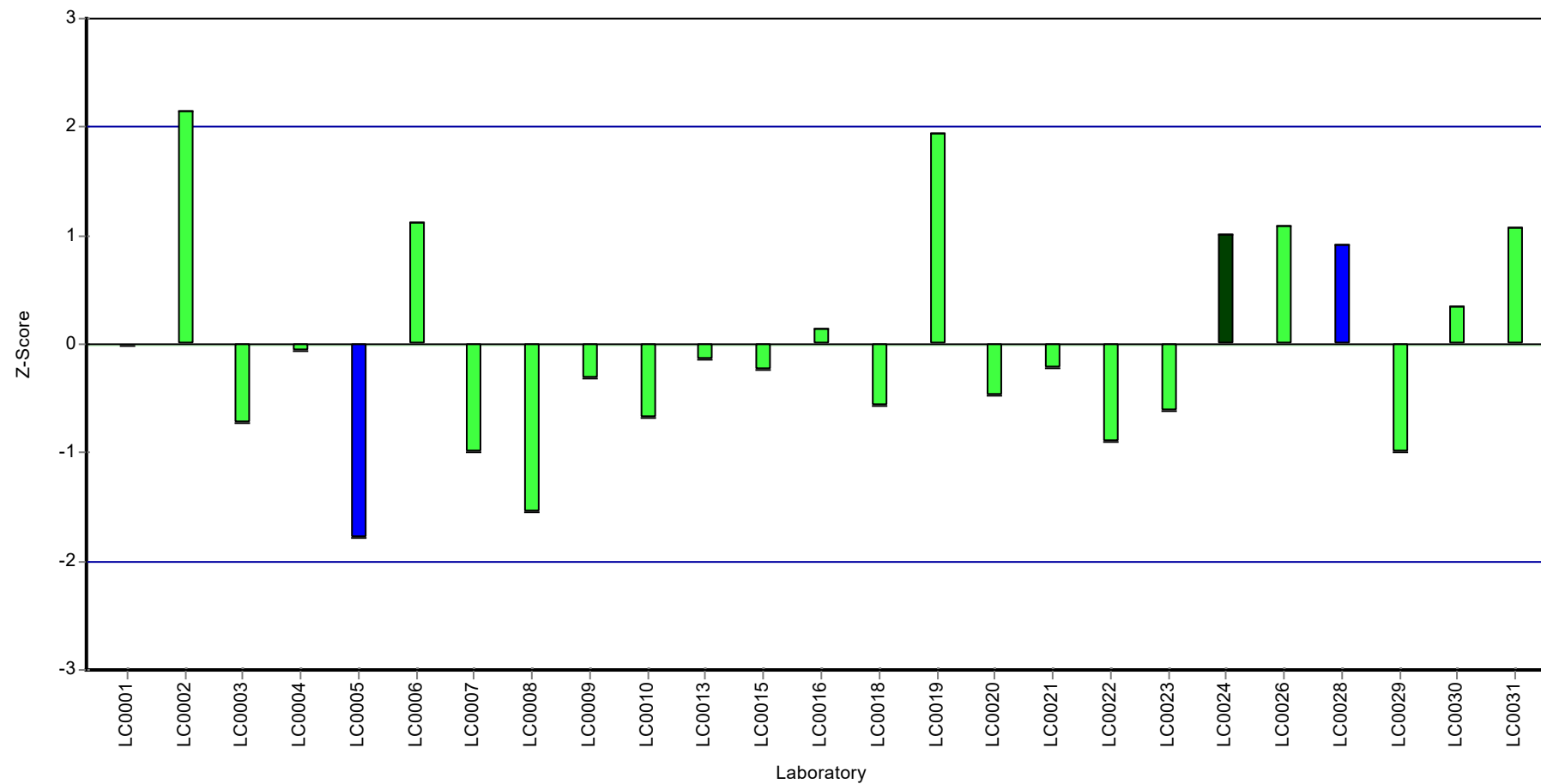


■ DIN 19539
 ■ EN 13137
 ■ EN 15936
 — Control limit
 — Limit of tolerance

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: TOC (as C)

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: TOC_(ON L1080)

Parameter oriented report

AB16

TOC_(ON L1080)

Unit % DM
Assigned value $\pm$ U (k=2) 2.24 ± 0.509
Criterion 0.65 (29 %)
Minimum - Maximum 1.65 - 3.35
Control test value $\pm$ U (k=2) $1,84 \pm 0.368$

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	2.05	0.41	91.5	-0.29	
LC0007	1.579	0.064	70.5	-1.02	Technical Outlier
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	2.48	0.22	111	0.37	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	1.72	0.258	76.8	-0.8	
LC0022	2.19	0.44	97.8	-0.08	
LC0023	1.65	0.21	73.7	-0.91	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	-	-	-	-	
LC0028	3.35	0.21	150	1.71	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: TOC_(ON L1080)

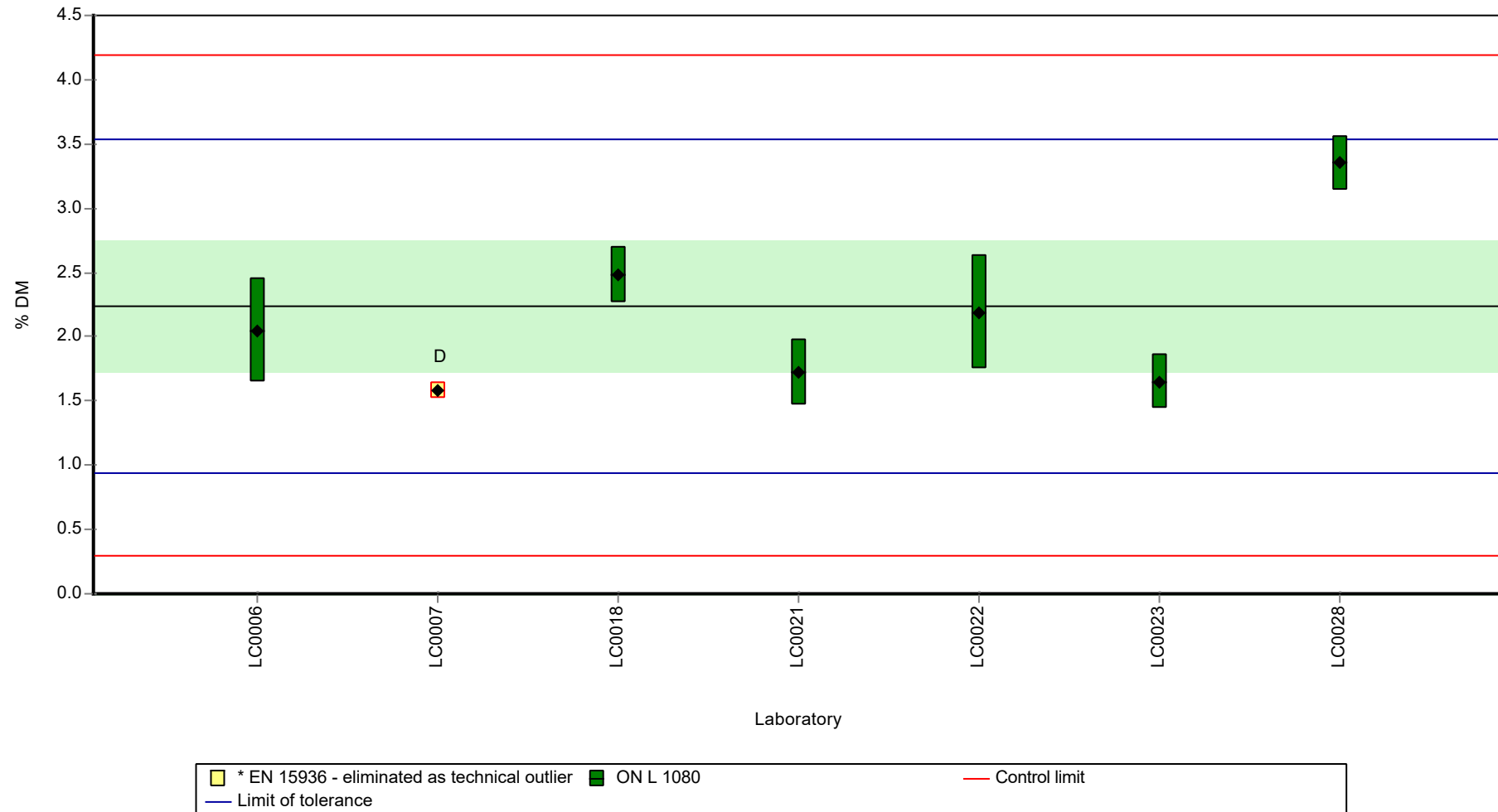
Characteristics of parameter			
	all results	without outliers	Unit
Mean ± CI (99%)	2.15 ± 0.705	2.24 ± 0.764	% DM
Minimum	1.58	1.65	% DM
Maximum	3.35	3.35	% DM
Standard deviation	0.622	0.624	% DM
rel. standard deviation	29	27.9	%
n	7	6	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: TOC_(ON L1080)

Graphical presentation of results

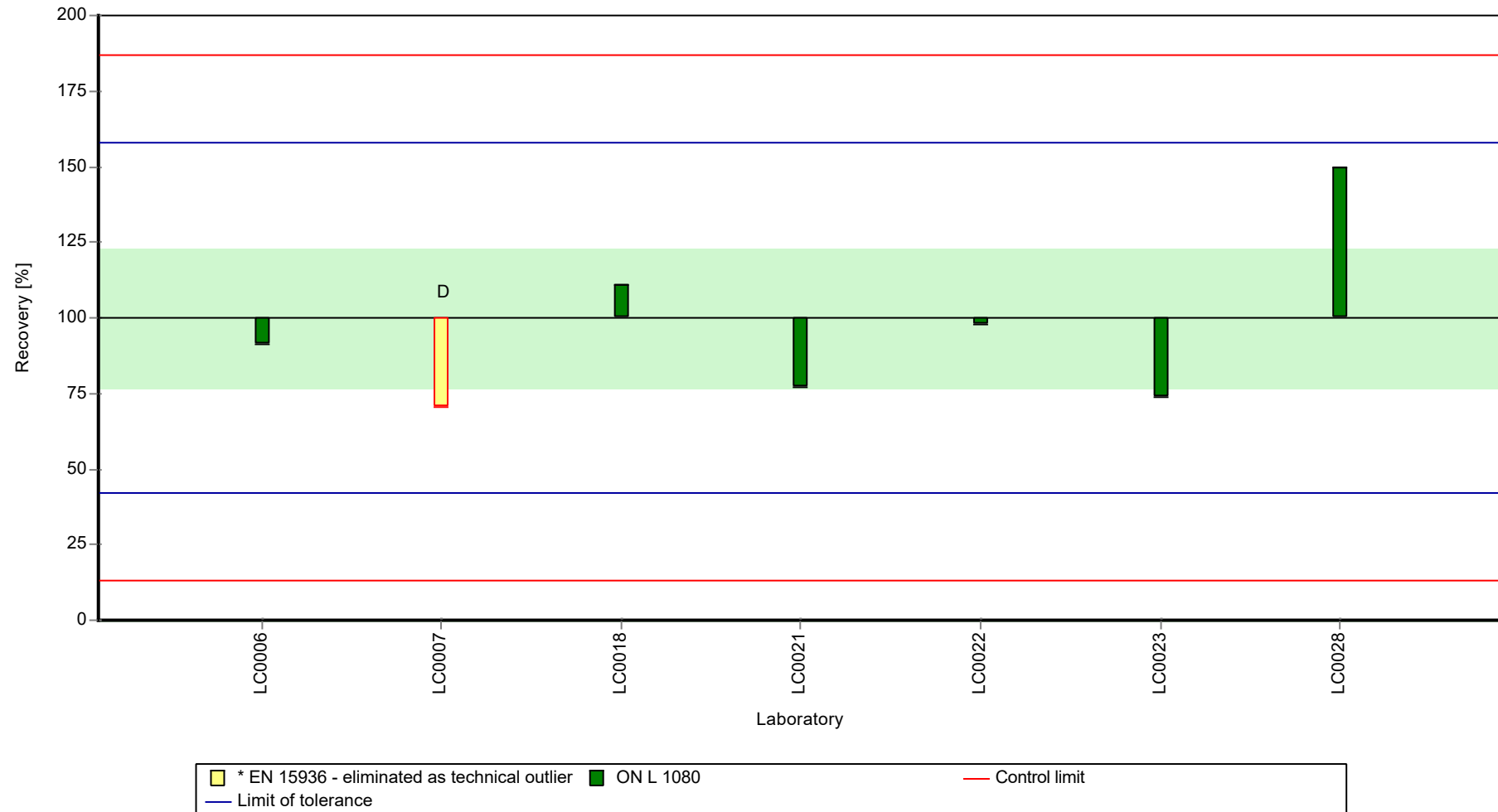
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: TOC_(ON L1080)

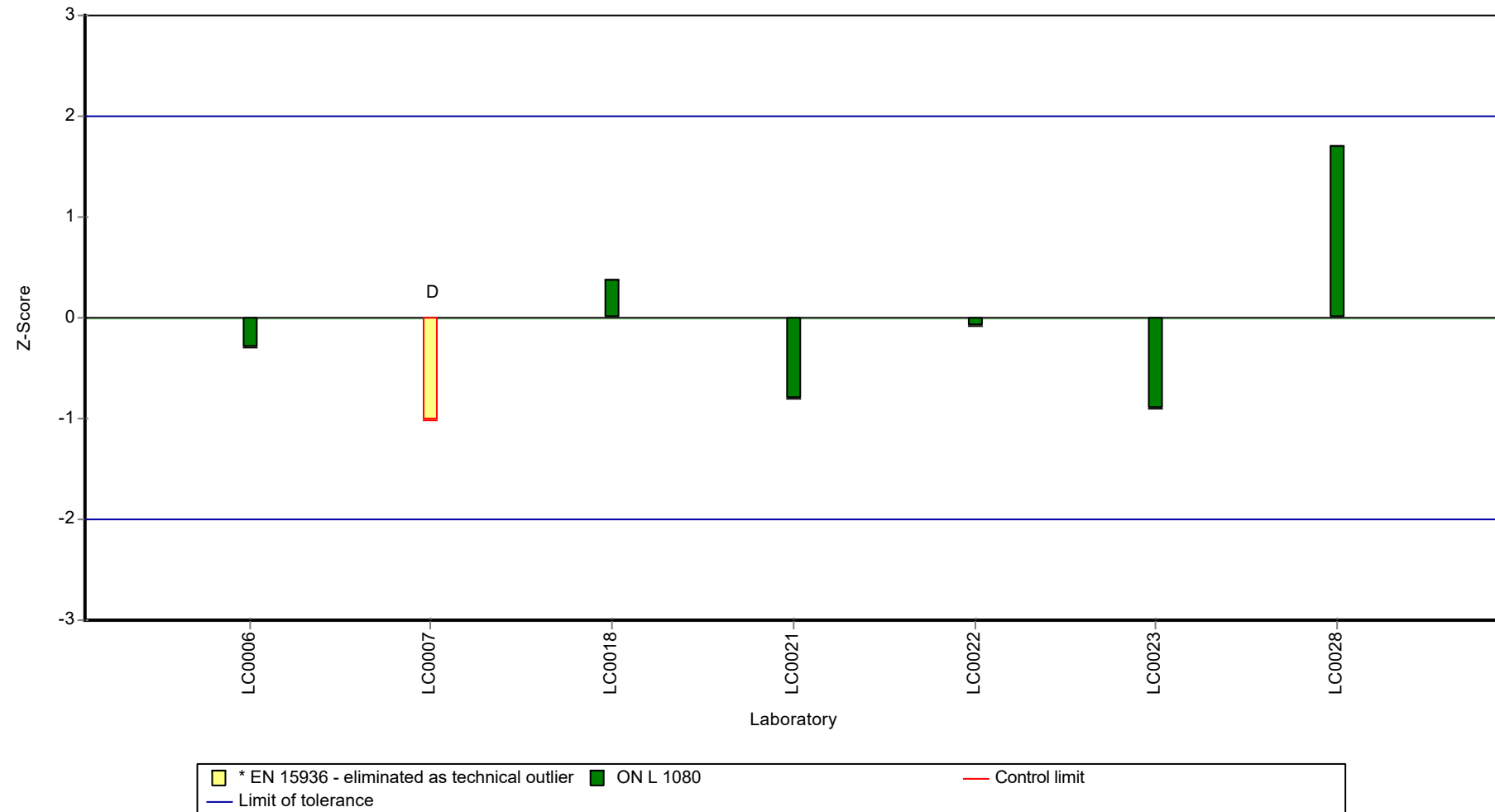
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: TOC_(ON L1080)

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Vanadium

Parameter oriented report

AB16

Vanadium

Unit	mg/kg DM
Assigned value $\pm$ U (k=2)	70.7 $\pm$ 2.57
Criterion	7.07 (10 %)
Minimum - Maximum	61.9 - 81.6
Control test value $\pm$ U (k=2)	58,5 $\pm$ 5.85

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	68.8	6.88	97.4	-0.26	
LC0005	81.59	5.874	115	1.55	
LC0006	67	13.4	94.8	-0.52	
LC0007	73.7	4.2	104	0.43	
LC0008	61.9	6.19	87.6	-1.24	
LC0009	65.9	6.6	93.3	-0.67	
LC0010	64.2	0.128	90.8	-0.92	
LC0011	76.05	8.778	108	0.76	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	76.023	4.62	108	0.76	
LC0016	71	7.1	100	0.05	
LC0017	-	-	-	-	
LC0018	76.2	1.5	108	0.78	
LC0019	63	12.6	89.2	-1.08	
LC0020	96.9	2	137	3.71	H
LC0021	69.3	5.54	98.1	-0.19	
LC0022	72.36	15.9	102	0.24	
LC0023	80.1	2.95	113	1.33	
LC0024	73.9	6.65	105	0.46	
LC0025	-	-	-	-	
LC0026	186.4	37.28	264	16.38	H
LC0027	62.1	10	87.9	-1.21	
LC0028	68	3.1	96.2	-0.38	
LC0029	68.9	10.33	97.5	-0.25	
LC0030	73.3	12.741	104	0.37	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Vanadium

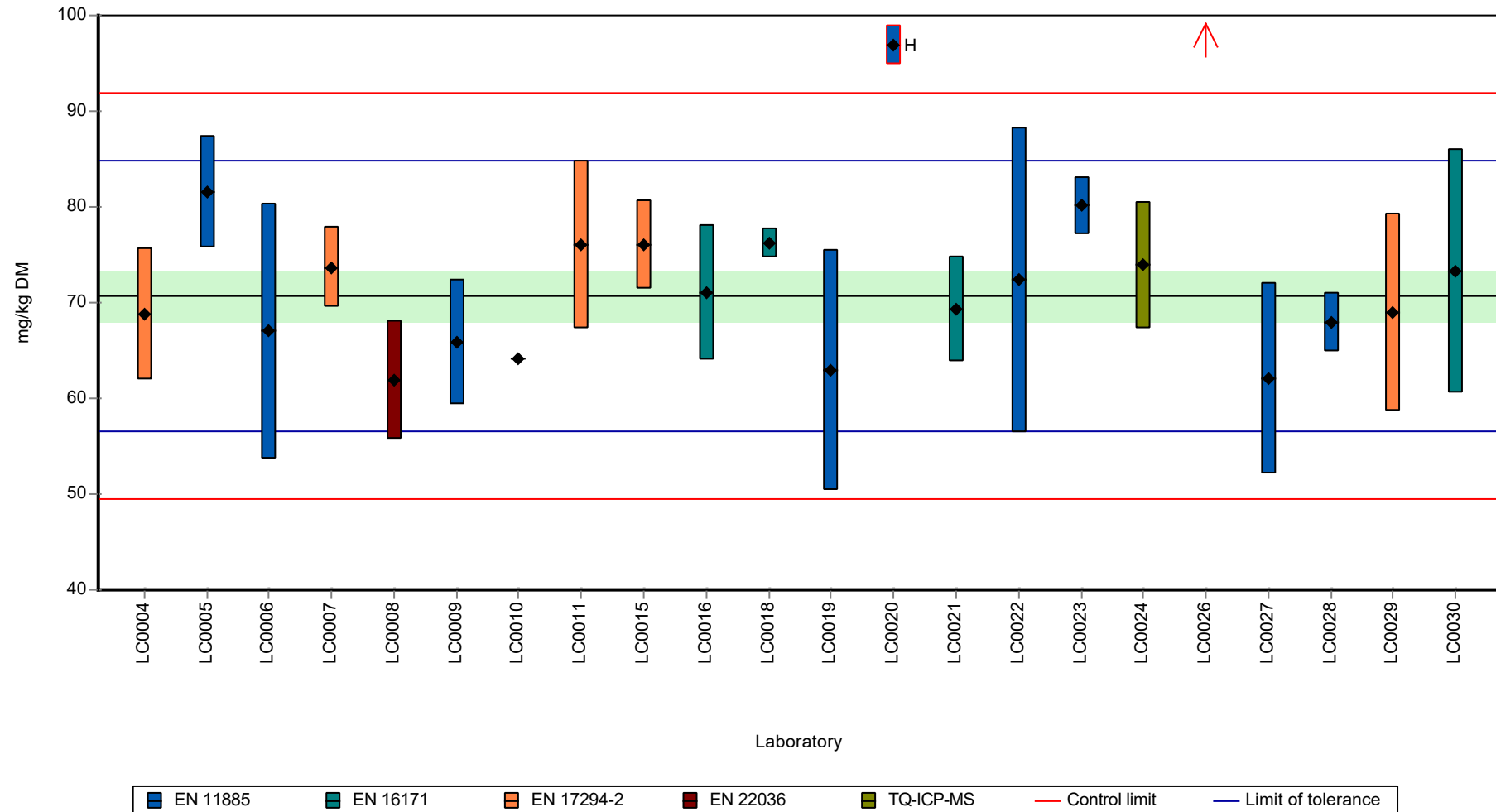
Characteristics of parameter			
	all results	without outliers	Unit
Mean $\pm$ CI (99%)	77.1 $\pm$ 16.4	70.7 $\pm$ 3.86	mg/kg DM
Minimum	61.9	61.9	mg/kg DM
Maximum	186	81.6	mg/kg DM
Standard deviation	25.6	5.75	mg/kg DM
rel. standard deviation	33.2	8.14	%
n	22	20	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Vanadium

Graphical presentation of results

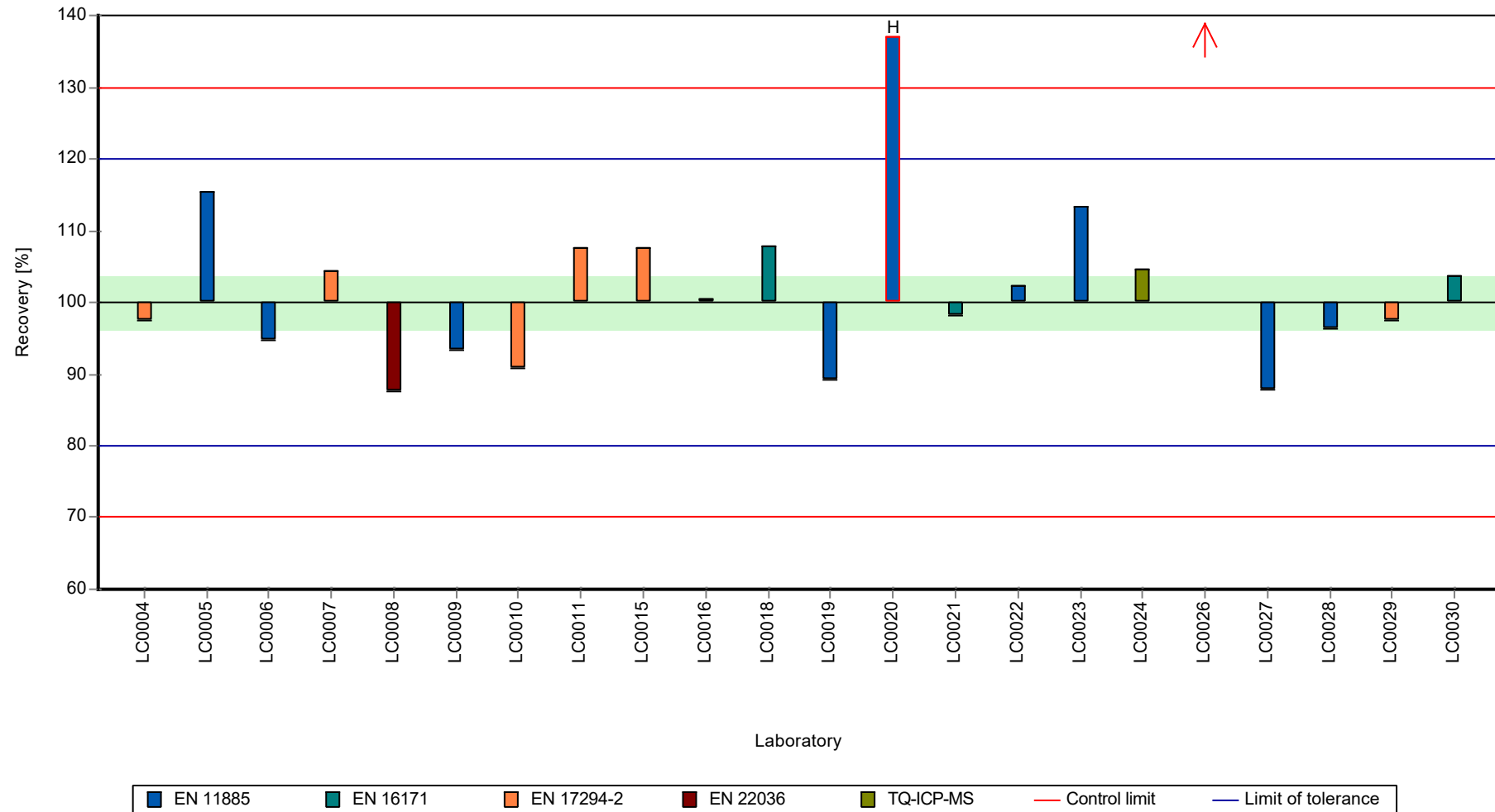
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Vanadium

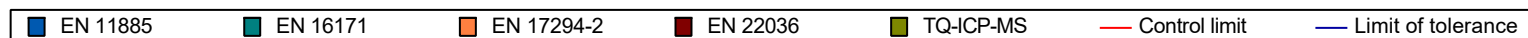
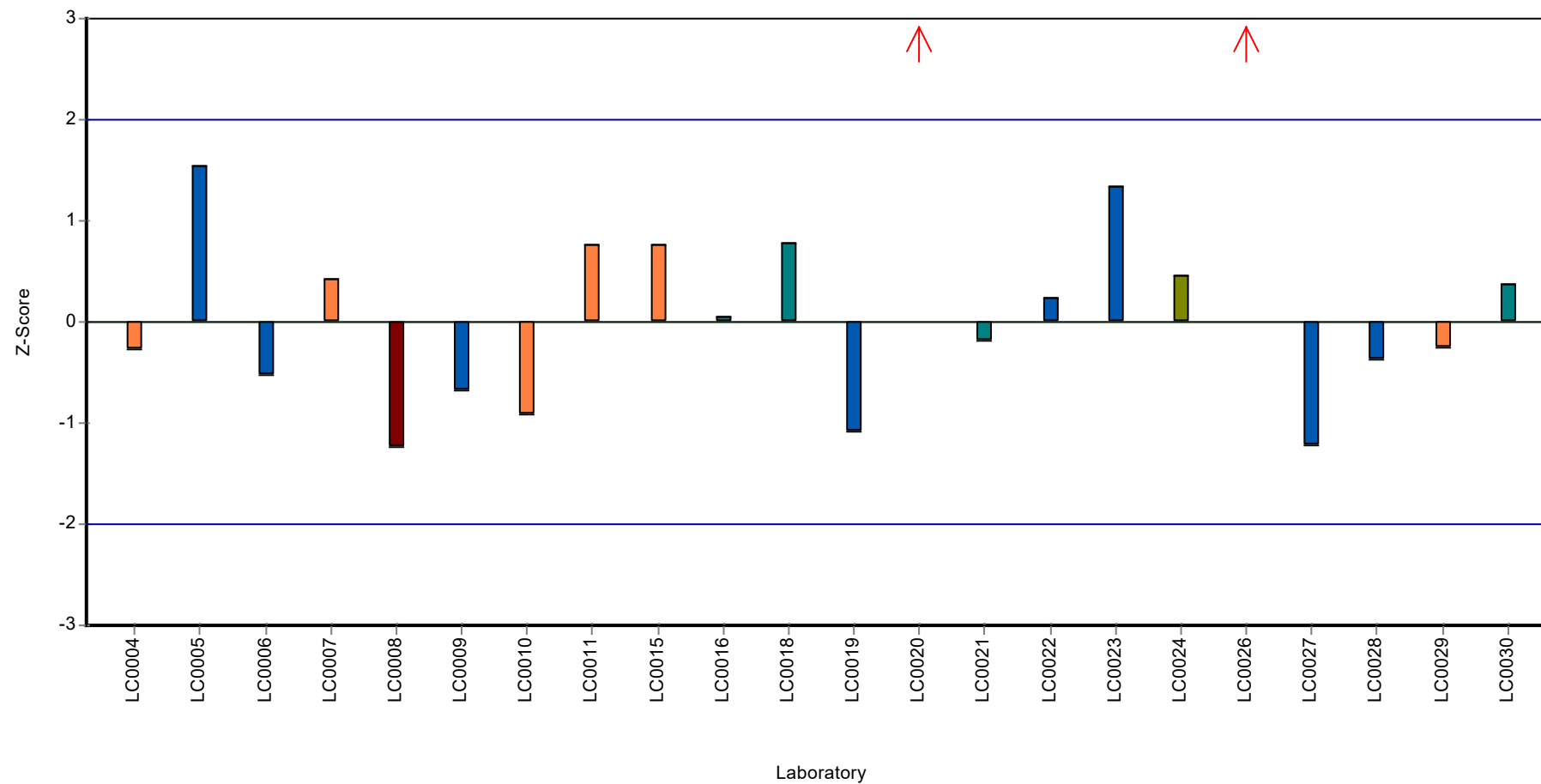
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Vanadium

Z-score



Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Zinc

Parameter oriented report

AB16

Zinc

Unit mg/kg DM
Assigned value $\pm U$ (k=2) 3120 ± 73
Criterion 312 (10 %)
Minimum - Maximum 2750 - 3530
Control test value $\pm U$ (k=2) 2760 ± 304

Labcode	Result	$\pm U$	Recovery [%]	z-score	Comments
LC0001	3139.5	157	101	0.07	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	2940	294	94.3	-0.57	
LC0005	3046	102.4	97.7	-0.23	
LC0006	2790	560	89.5	-1.05	
LC0007	2960	94	94.9	-0.51	
LC0008	2750	412.5	88.2	-1.18	
LC0009	3133	313	100	0.05	
LC0010	3075.9	9.228	98.6	-0.14	
LC0011	3373.934	193.686	108	0.82	
LC0012	-	-	-	-	
LC0013	3102	930.6	99.5	-0.05	
LC0014	-	-	-	-	
LC0015	3213.731	287	103	0.3	
LC0016	3100	310	99.4	-0.06	
LC0017	-	-	-	-	
LC0018	3210	104	103	0.29	
LC0019	2990	600	95.9	-0.41	
LC0020	3530	121	113	1.32	
LC0021	3260	391	105	0.45	
LC0022	3290	618	105	0.55	
LC0023	3276	95	105	0.5	
LC0024	3190	287	102	0.23	
LC0025	-	-	-	-	
LC0026	3388.2	411	109	0.86	
LC0027	2470	197	79.2	-2.08	H
LC0028	3260	200	105	0.45	
LC0029	2944	736	94.4	-0.56	
LC0030	3182.4	387.994	102	0.2	
LC0031	-	-	-	-	

Parameter oriented report Waste acc. to landfill
directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Zinc

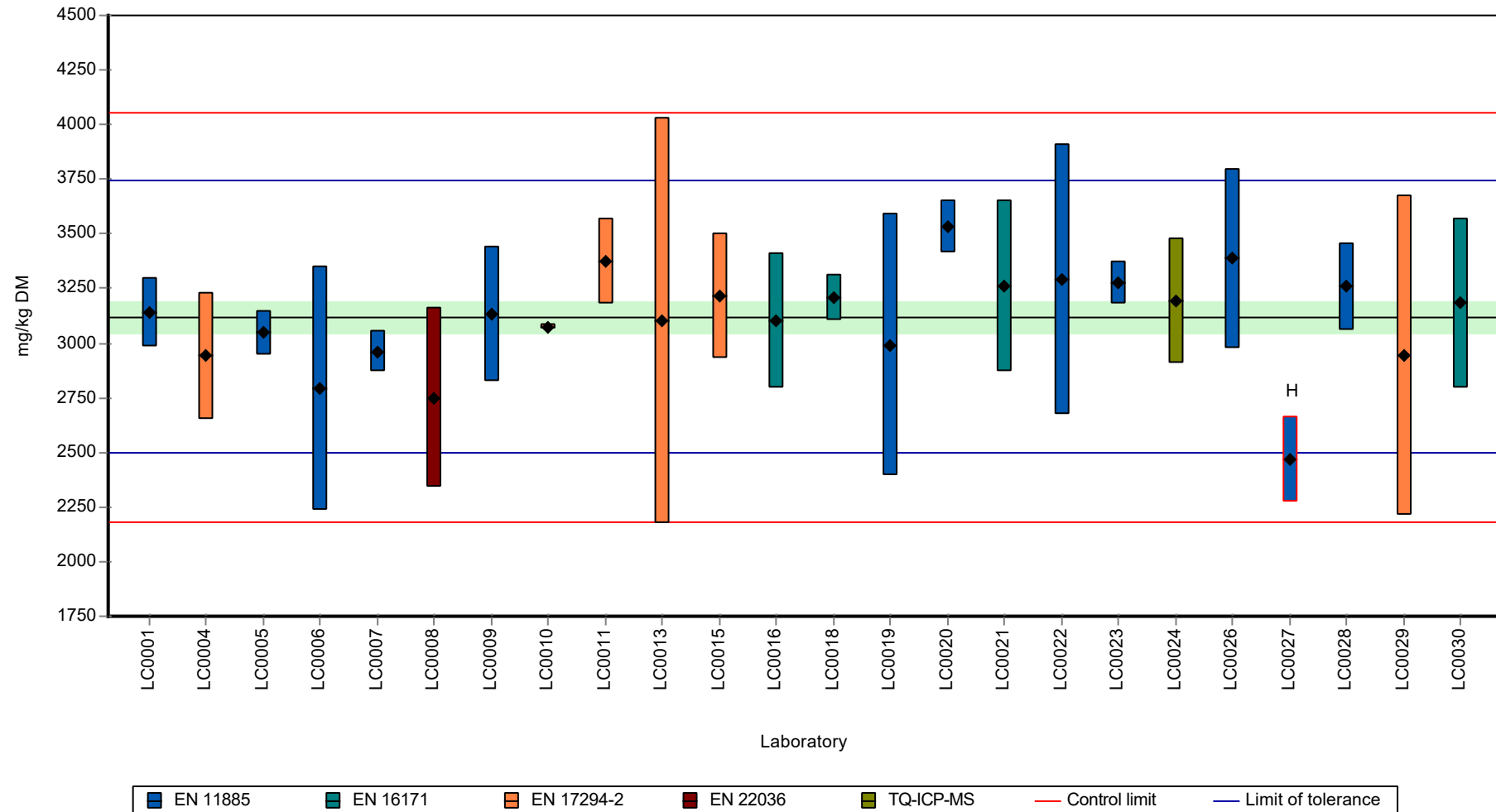
Characteristics of parameter			
	all results	without outliers	Unit
Mean $\pm$ CI (99%)	3110 $\pm$ 140	3140 $\pm$ 118	mg/kg DM
Minimum	2470	2750	mg/kg DM
Maximum	3530	3530	mg/kg DM
Standard deviation	229	188	mg/kg DM
rel. standard deviation	7.35	5.99	%
n	24	23	-

Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Zinc

Graphical presentation of results

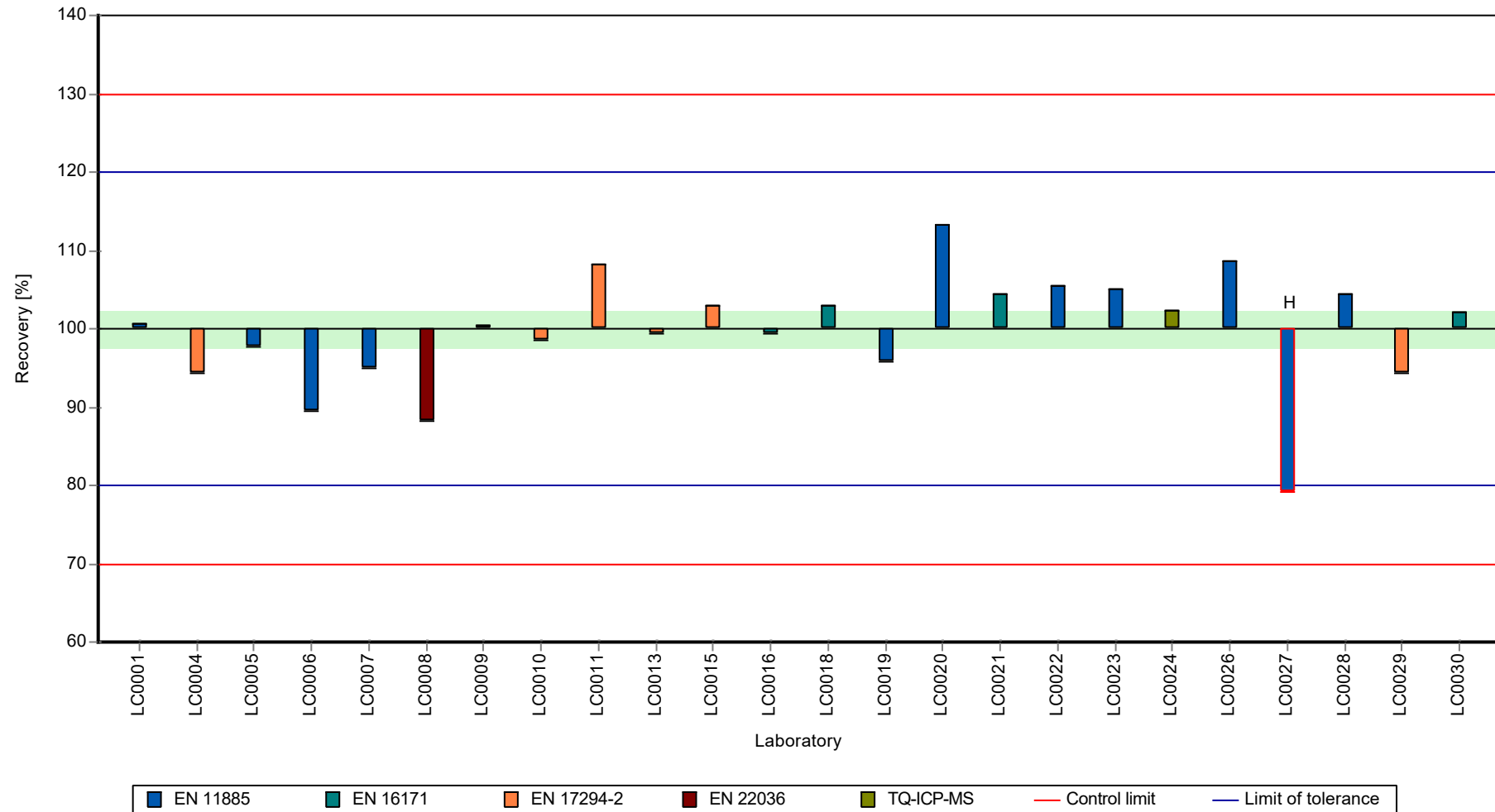
Results



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) -
AB16

Sample: AB16, Parameter: Zinc

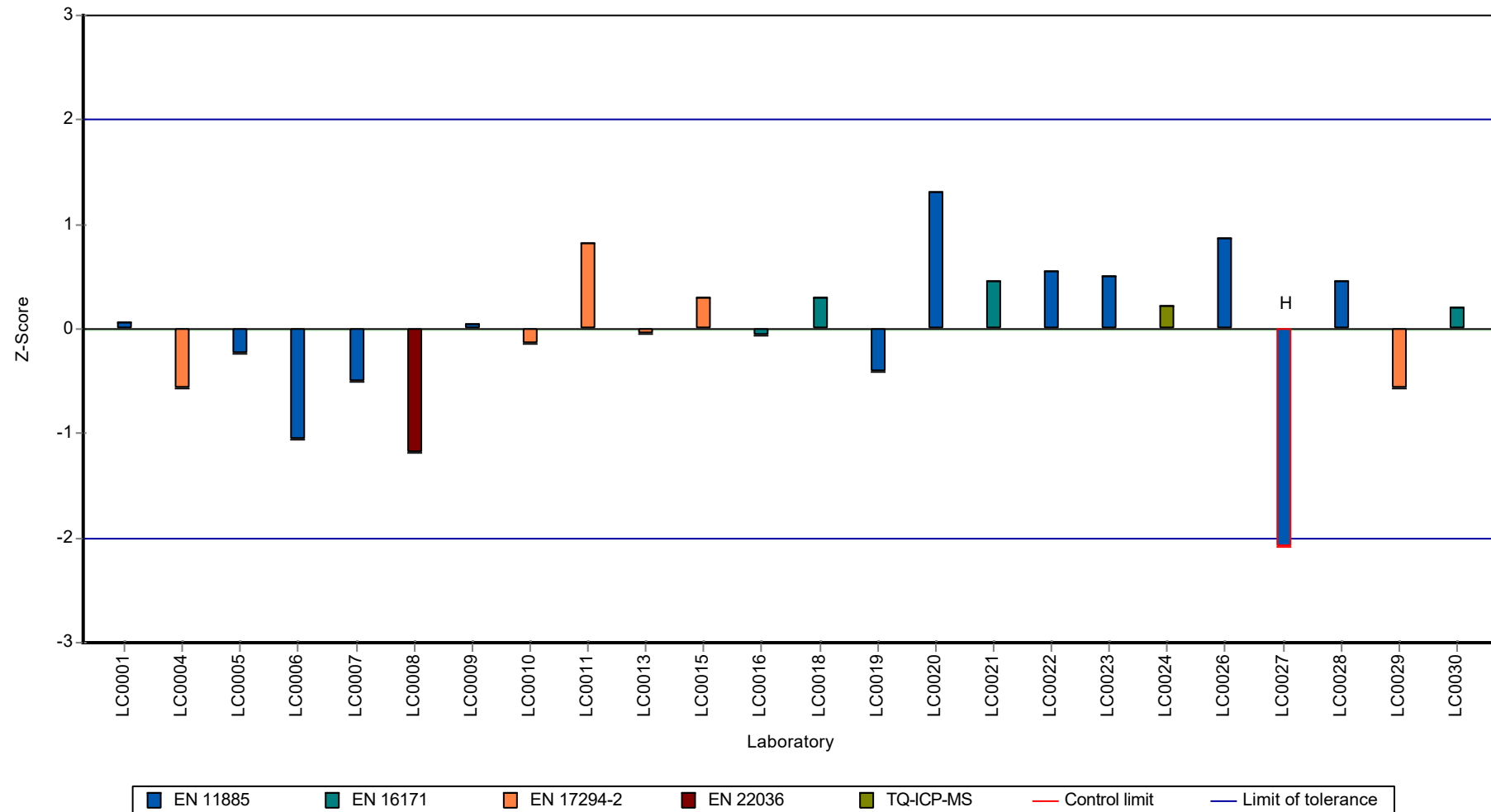
Recovery rate



Parameter oriented report Waste acc. to landfill directive (Austria) (total content) - AB16

Sample: AB16, Parameter: Zinc

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.

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

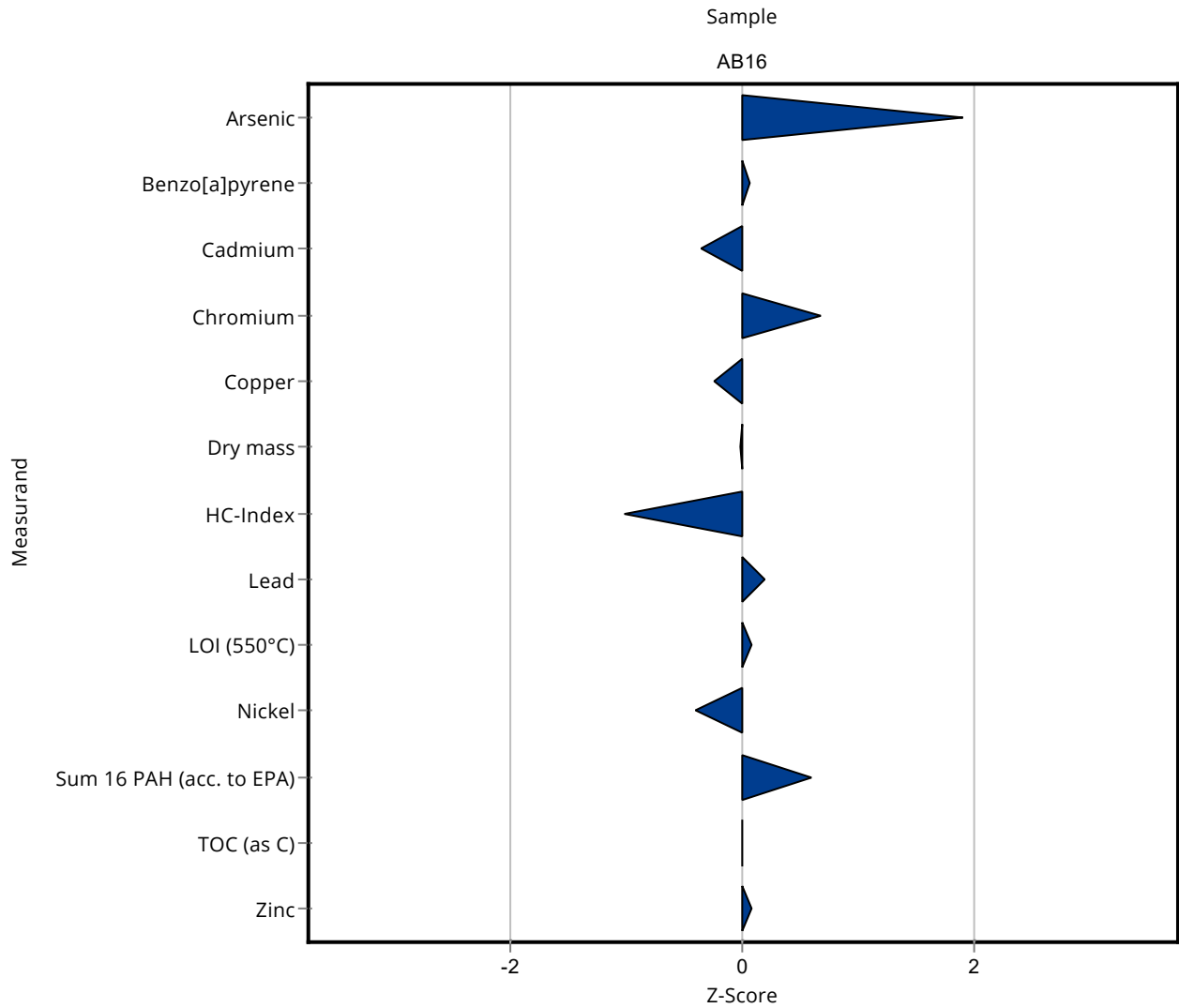
Labcode: LC0001

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	24.24 ± 1.21	3.99	146	1.90
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	4.934 ± 0.05	1.36	102	0.06
Cadmium	mg/kg DM	5.14 ± 0.16	4.95 ± 0.25	0.514	96.3	-0.37
Chromium	mg/kg DM	384 ± 19.5	414.75 ± 20.7	46.1	108	0.67
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	2544.67 ± 127	261	97.5	-0.25
Dry mass	%	97.9 ± 0.143	97.85 ± 2.5	1.47	100	-0.02
HC-Index	mg/kg DM	258 ± 51.7	130.42 ± 6.8	124	50.6	-1.03
Lead	mg/kg DM	367 ± 14.2	373.4 ± 18.7	36.7	102	0.18
LOI (550°C)	% DM	5.08 ± 0.197	5.11 ± 0.15	0.508	101	0.07
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	304.13 ± 15.2	35	95.5	-0.41
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	36.467 ± 0.65	5.63	110	0.59
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	17690 ± 1443	1950	99.8	-0.01
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	3139.5 ± 157	312	101	0.07

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0001



Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

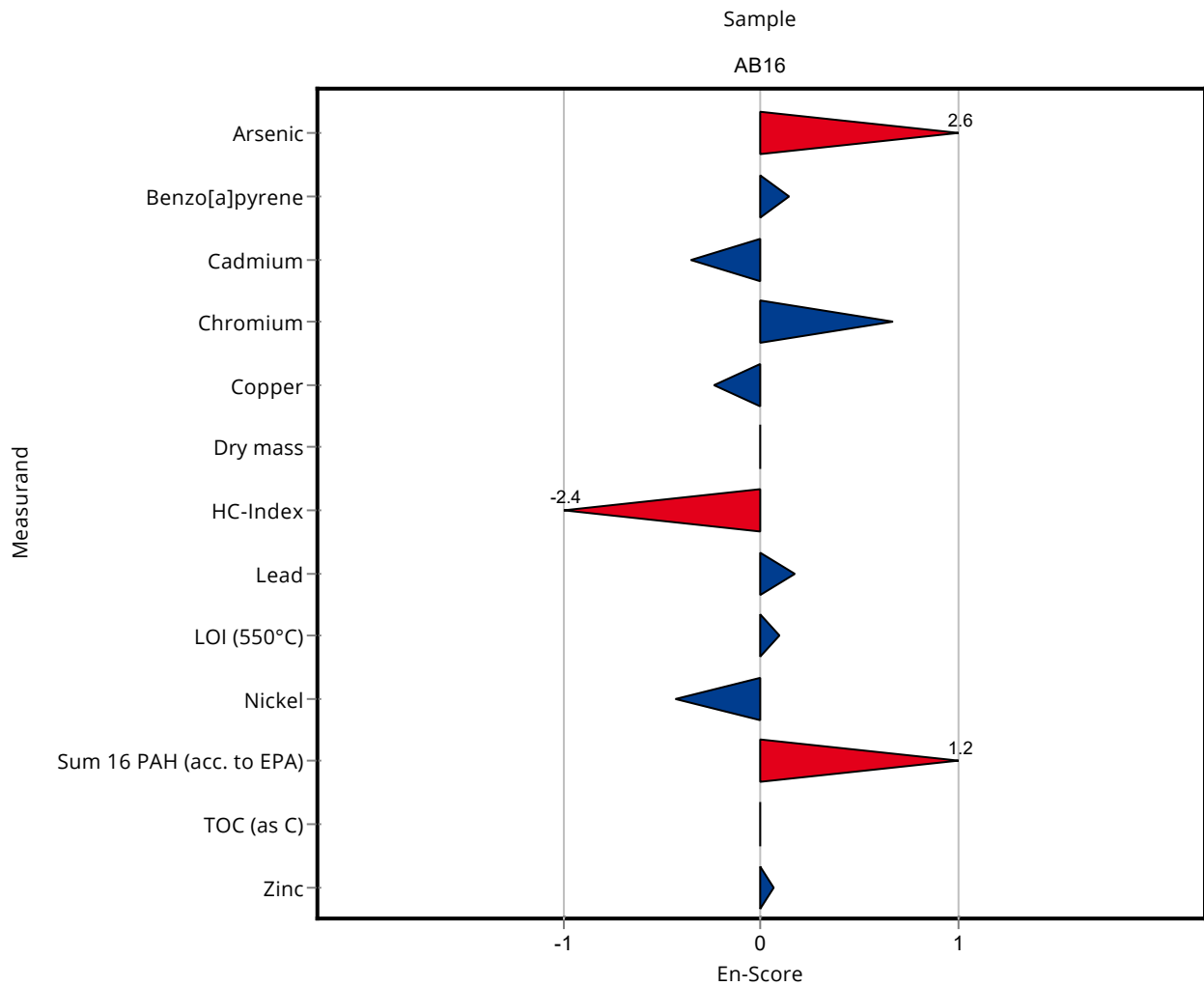
Labcode: LC0001

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	24.24 ± 1.21	3.99	146	2.60
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	4.934 ± 0.05	1.36	102	0.14
Cadmium	mg/kg DM	5.14 ± 0.16	4.95 ± 0.25	0.514	96.3	-0.36
Chromium	mg/kg DM	384 ± 19.5	414.75 ± 20.7	46.1	108	0.67
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	2544.67 ± 127	261	97.5	-0.24
Dry mass	%	97.9 ± 0.143	97.85 ± 2.5	1.47	100	-0.01
HC-Index	mg/kg DM	258 ± 51.7	130.42 ± 6.8	124	50.6	-2.38
Lead	mg/kg DM	367 ± 14.2	373.4 ± 18.7	36.7	102	0.17
LOI (550°C)	% DM	5.08 ± 0.197	5.11 ± 0.15	0.508	101	0.09
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	304.13 ± 15.2	35	95.5	-0.43
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	36.467 ± 0.65	5.63	110	1.24
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	17690 ± 1443	1950	99.8	-0.01
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	3139.5 ± 157	312	101	0.06

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16 - En-Score

Labcode: LC0001



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

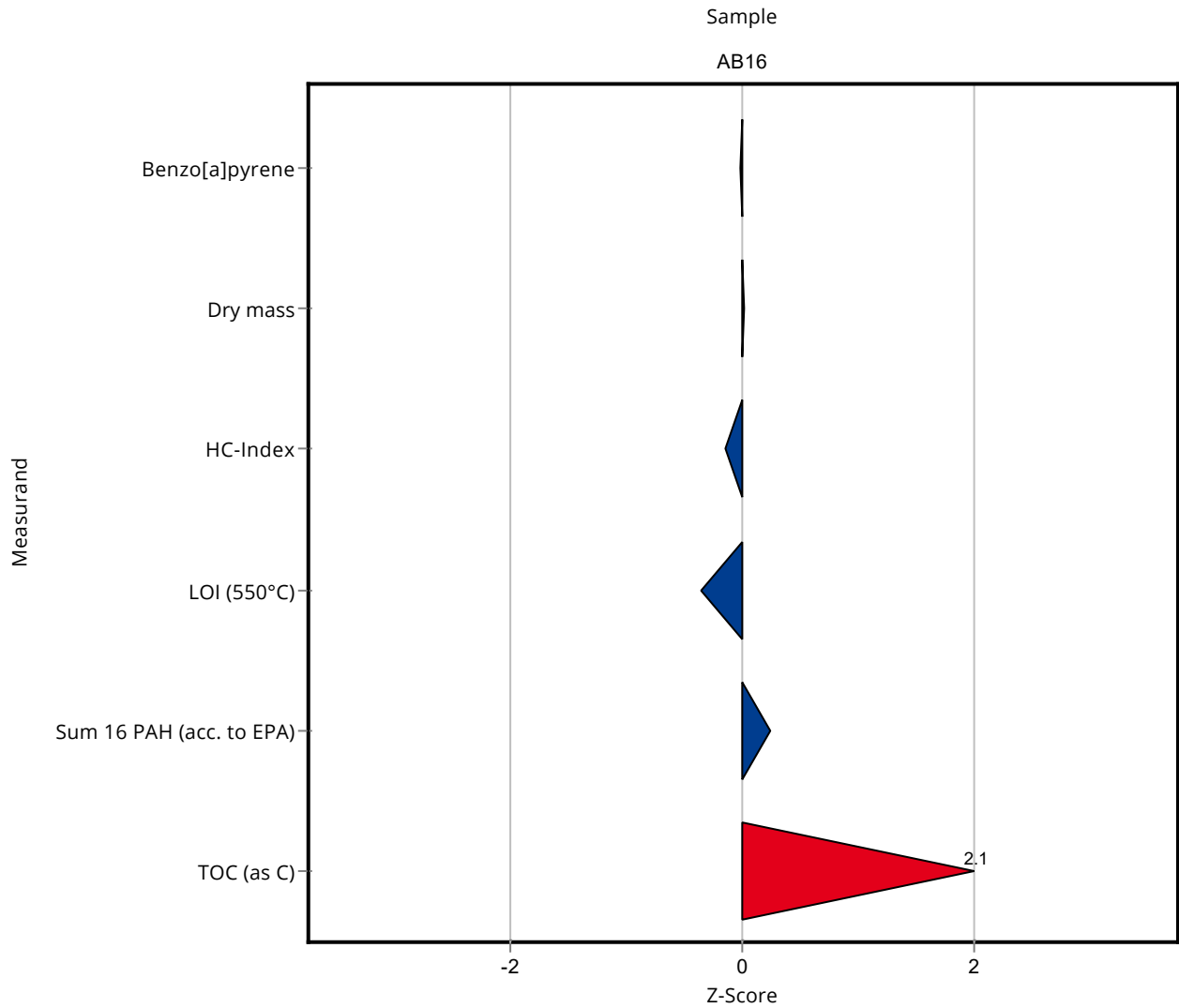
Labcode: LC0002

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	4.83 ± 0.966	1.36	99.5	-0.02
Cadmium	mg/kg DM	5.14 ± 0.16	- ± -	0.514	-	-
Chromium	mg/kg DM	384 ± 19.5	- ± -	46.1	-	-
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	- ± -	261	-	-
Dry mass	%	97.9 ± 0.143	97.9 ± 4.9	1.47	100	0.01
HC-Index	mg/kg DM	258 ± 51.7	238 ± 35.7	124	92.4	-0.16
Lead	mg/kg DM	367 ± 14.2	- ± -	36.7	-	-
LOI (550°C)	% DM	5.08 ± 0.197	4.89 ± 0.489	0.508	96.3	-0.37
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	- ± -	35	-	-
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	34.4 ± 13.1	5.63	104	0.23
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	21900 ± 4380	1950	124	2.15
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	- ± -	312	-	-

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0002

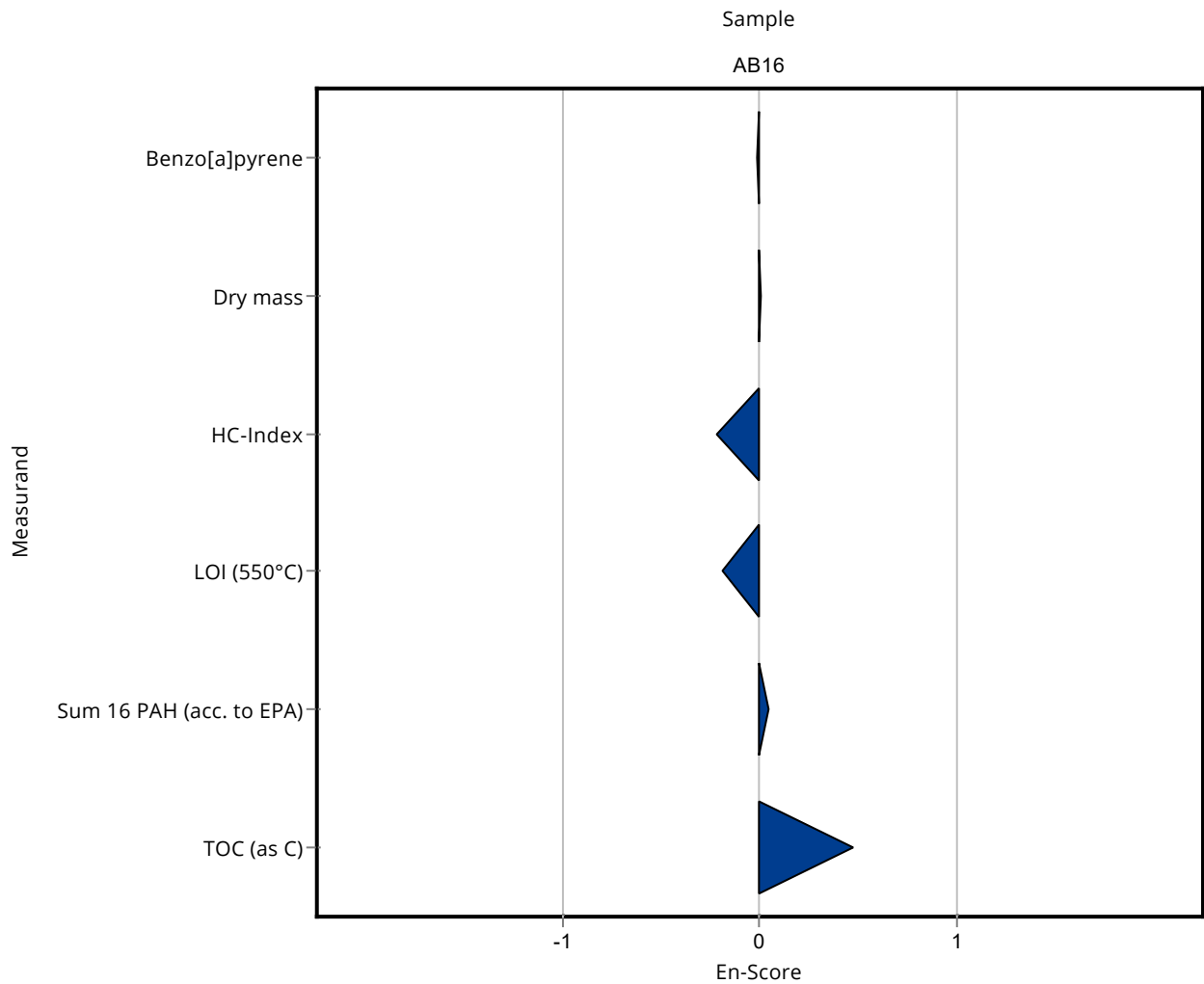


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0002

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	4.83 ± 0.966	1.36	99.5	-0.01
Cadmium	mg/kg DM	5.14 ± 0.16	- ± -	0.514	-	-
Chromium	mg/kg DM	384 ± 19.5	- ± -	46.1	-	-
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	- ± -	261	-	-
Dry mass	%	97.9 ± 0.143	97.9 ± 4.9	1.47	100	0.00
HC-Index	mg/kg DM	258 ± 51.7	238 ± 35.7	124	92.4	-0.22
Lead	mg/kg DM	367 ± 14.2	- ± -	36.7	-	-
LOI (550°C)	% DM	5.08 ± 0.197	4.89 ± 0.489	0.508	96.3	-0.19
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	- ± -	35	-	-
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	34.4 ± 13.1	5.63	104	0.05
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	21900 ± 4380	1950	124	0.48
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	- ± -	312	-	-



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

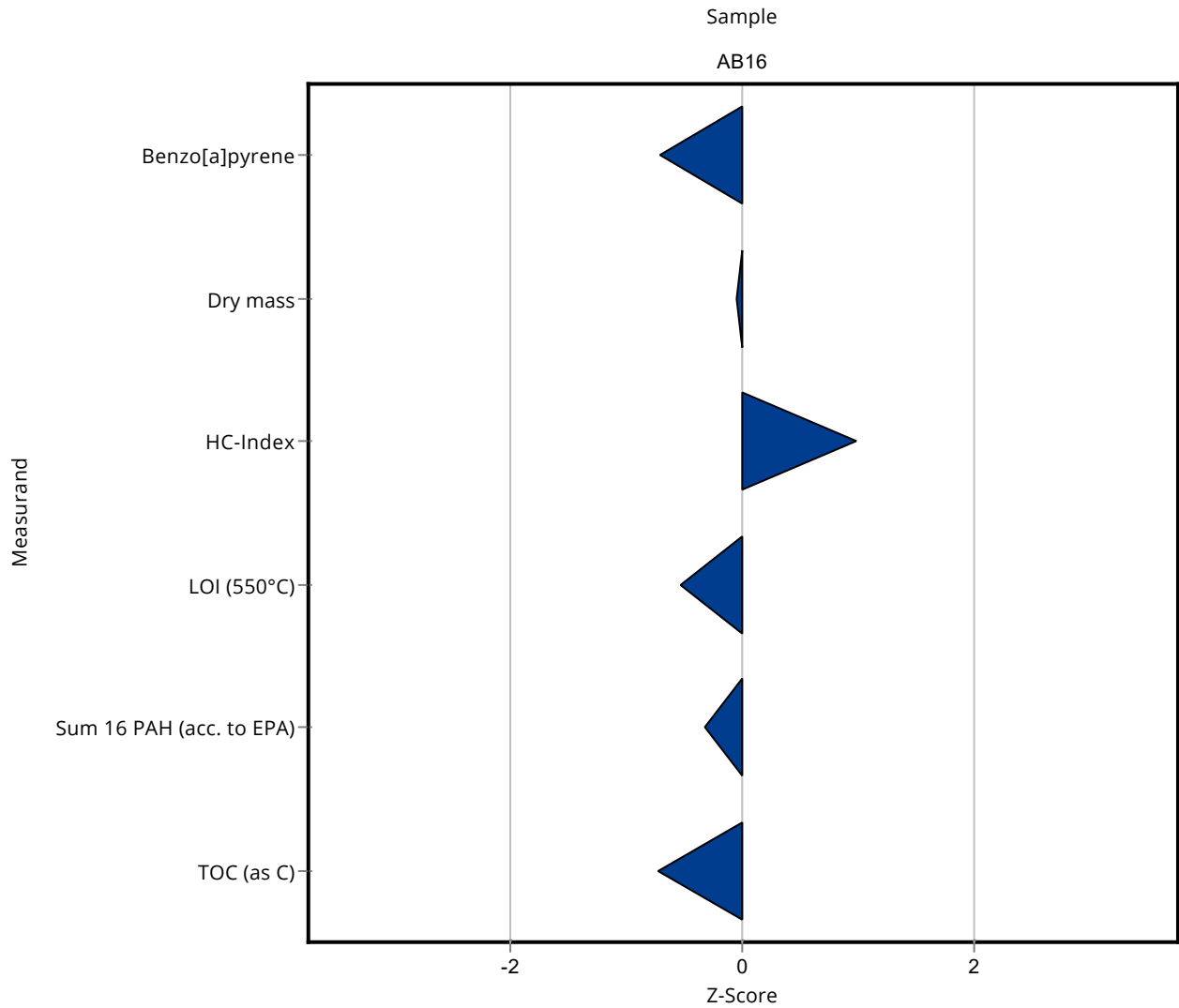
Labcode: LC0003

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.87 ± 1.16	1.36	79.7	-0.72
Cadmium	mg/kg DM	5.14 ± 0.16	- ± -	0.514	-	-
Chromium	mg/kg DM	384 ± 19.5	- ± -	46.1	-	-
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	- ± -	261	-	-
Dry mass	%	97.9 ± 0.143	97.8 ± 4.37	1.47	99.9	-0.06
HC-Index	mg/kg DM	258 ± 51.7	378 ± 95	124	147	0.97
Lead	mg/kg DM	367 ± 14.2	- ± -	36.7	-	-
LOI (550°C)	% DM	5.08 ± 0.197	4.8 ± 0.48	0.508	94.6	-0.54
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	- ± -	35	-	-
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	31.3 ± 9.07	5.63	94.5	-0.32
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	16300 ± 2290	1950	92	-0.73
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	- ± -	312	-	-

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0003



Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

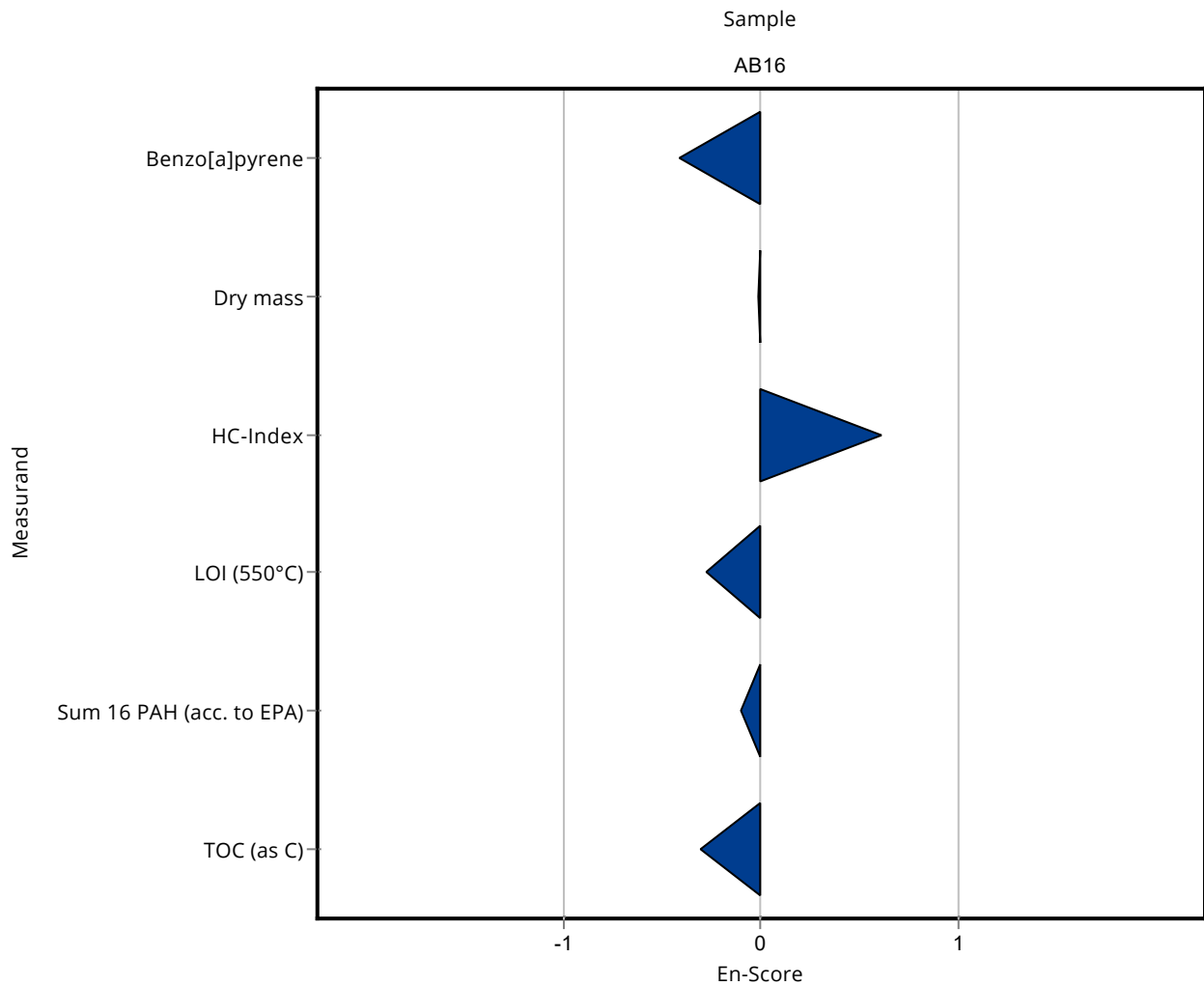
Labcode: LC0003

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.87 ± 1.16	1.36	79.7	-0.41
Cadmium	mg/kg DM	5.14 ± 0.16	- ± -	0.514	-	-
Chromium	mg/kg DM	384 ± 19.5	- ± -	46.1	-	-
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	- ± -	261	-	-
Dry mass	%	97.9 ± 0.143	97.8 ± 4.37	1.47	99.9	-0.01
HC-Index	mg/kg DM	258 ± 51.7	378 ± 95	124	147	0.61
Lead	mg/kg DM	367 ± 14.2	- ± -	36.7	-	-
LOI (550°C)	% DM	5.08 ± 0.197	4.8 ± 0.48	0.508	94.6	-0.28
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	- ± -	35	-	-
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	31.3 ± 9.07	5.63	94.5	-0.10
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	16300 ± 2290	1950	92	-0.30
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	- ± -	312	-	-

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16 - En-Score

Labcode: LC0003



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

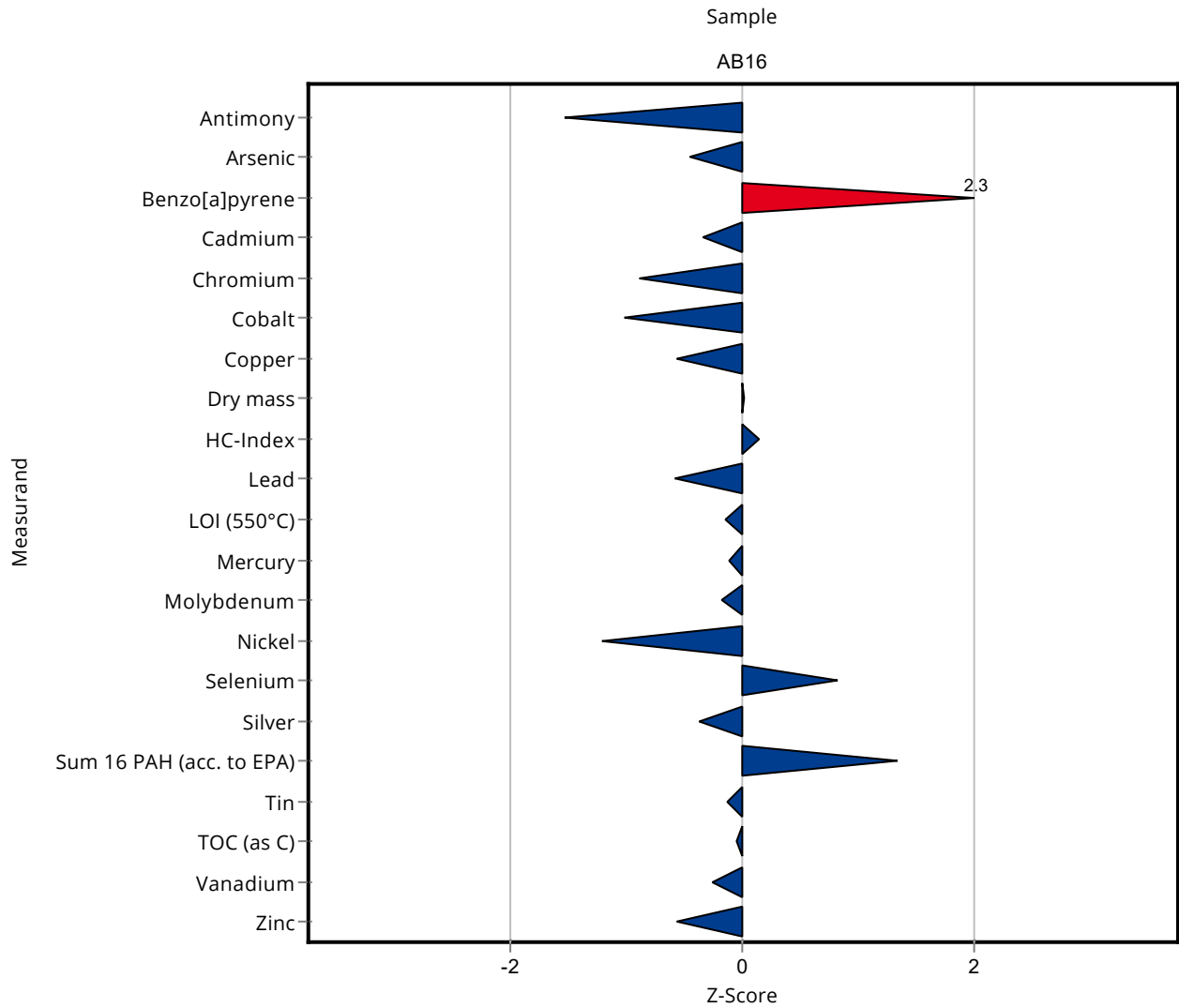
Labcode: LC0004

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	139 ± 17.4	18.4	83.1	-1.53
Arsenic	mg/kg DM	16.6 ± 1.64	14.8 ± 1.33	3.99	88.9	-0.46
Barium	mg/kg DM	- ± -	5410 ± 1350	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	8.04 ± 1.21	1.36	166	2.34
Cadmium	mg/kg DM	5.14 ± 0.16	4.96 ± 0.621	0.514	96.5	-0.35
Chromium	mg/kg DM	384 ± 19.5	343 ± 51.4	46.1	89.3	-0.89
Cobalt	mg/kg DM	69.6 ± 4.24	59.7 ± 6	9.75	85.7	-1.02
Copper	mg/kg DM	2610 ± 80.7	2460 ± 246	261	94.3	-0.57
Dry mass	%	97.9 ± 0.143	97.9 ± 2.5	1.47	100	0.01
HC-Index	mg/kg DM	258 ± 51.7	275 ± 57.8	124	107	0.14
Lead	mg/kg DM	367 ± 14.2	345 ± 34.5	36.7	94.1	-0.59
LOI (550°C)	% DM	5.08 ± 0.197	5 ± 0.05	0.508	98.5	-0.15
Mercury	mg/kg DM	0.0312 ± 0.00664	0.03 ± 0.005	0.00997	96.3	-0.12
Molybdenum	mg/kg DM	79.7 ± 3.49	78.1 ± 7.8	8.77	97.9	-0.19
Nickel	mg/kg DM	319 ± 13.8	276 ± 34.5	35	86.6	-1.21
Selenium	mg/kg DM	2.47 ± 0.315	2.9 ± 0.646	0.52	117	0.82
Silver	mg/kg DM	6.68 ± 0.673	6.17 ± 0.772	1.34	92.3	-0.38
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	40.6 ± 6.09	5.63	123	1.33
Tin	mg/kg DM	168 ± 10.1	165 ± 16.5	23.5	98.2	-0.13
TOC (as C)	mg/kg DM	17700 ± 817	17600 ± 2200	1950	99.3	-0.06
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	68.8 ± 6.88	7.07	97.4	-0.26
Zinc	mg/kg DM	3120 ± 73	2940 ± 294	312	94.3	-0.57

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0004

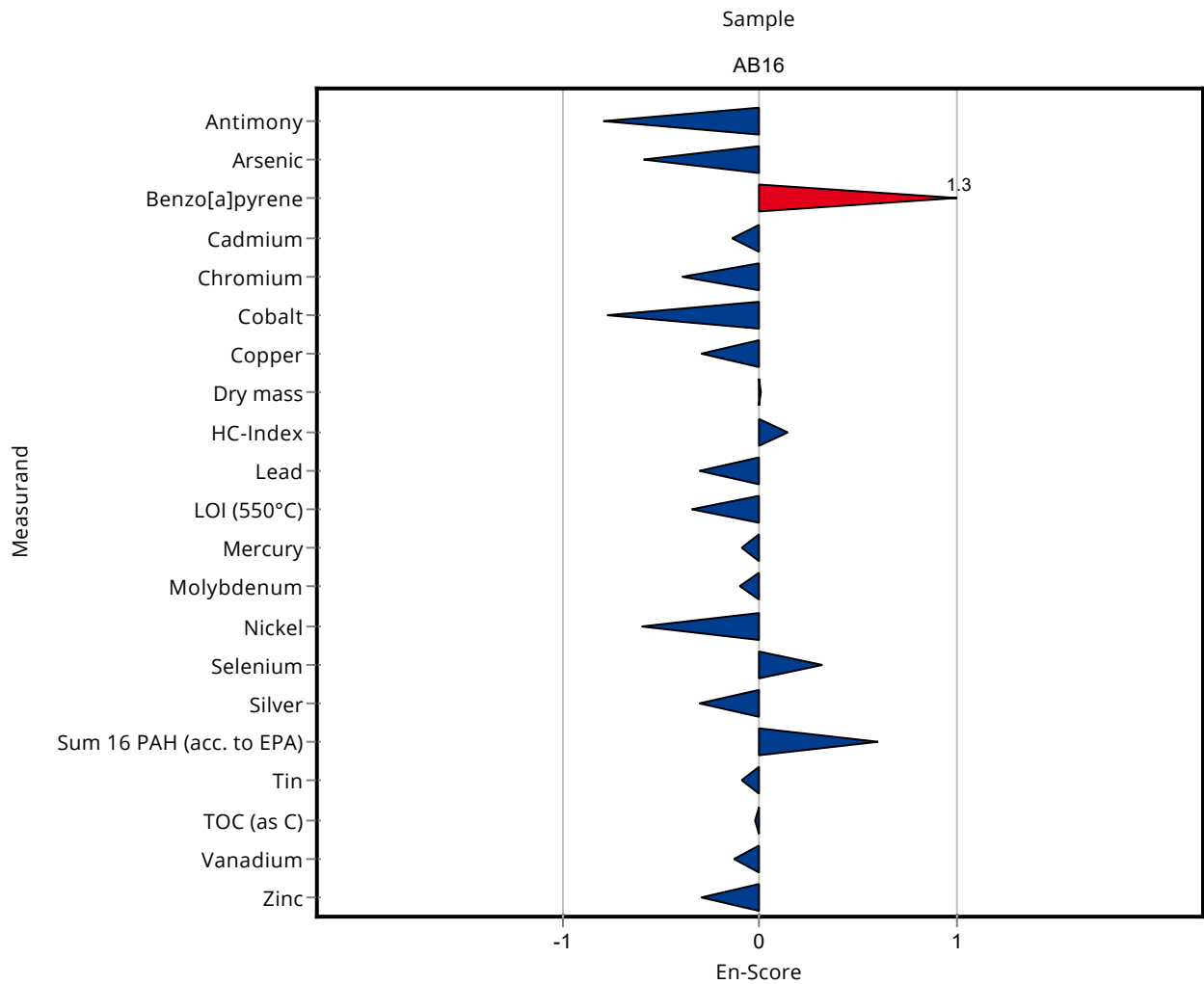


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0004

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	139 ± 17.4	18.4	83.1	-0.79
Arsenic	mg/kg DM	16.6 ± 1.64	14.8 ± 1.33	3.99	88.9	-0.59
Barium	mg/kg DM	- ± -	5410 ± 1350	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	8.04 ± 1.21	1.36	166	1.28
Cadmium	mg/kg DM	5.14 ± 0.16	4.96 ± 0.621	0.514	96.5	-0.14
Chromium	mg/kg DM	384 ± 19.5	343 ± 51.4	46.1	89.3	-0.39
Cobalt	mg/kg DM	69.6 ± 4.24	59.7 ± 6	9.75	85.7	-0.78
Copper	mg/kg DM	2610 ± 80.7	2460 ± 246	261	94.3	-0.30
Dry mass	%	97.9 ± 0.143	97.9 ± 2.5	1.47	100	0.00
HC-Index	mg/kg DM	258 ± 51.7	275 ± 57.8	124	107	0.14
Lead	mg/kg DM	367 ± 14.2	345 ± 34.5	36.7	94.1	-0.31
LOI (550°C)	% DM	5.08 ± 0.197	5 ± 0.05	0.508	98.5	-0.34
Mercury	mg/kg DM	0.0312 ± 0.00664	0.03 ± 0.005	0.00997	96.3	-0.10
Molybdenum	mg/kg DM	79.7 ± 3.49	78.1 ± 7.8	8.77	97.9	-0.10
Nickel	mg/kg DM	319 ± 13.8	276 ± 34.5	35	86.6	-0.60
Selenium	mg/kg DM	2.47 ± 0.315	2.9 ± 0.646	0.52	117	0.32
Silver	mg/kg DM	6.68 ± 0.673	6.17 ± 0.772	1.34	92.3	-0.31
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	40.6 ± 6.09	5.63	123	0.60
Tin	mg/kg DM	168 ± 10.1	165 ± 16.5	23.5	98.2	-0.09
TOC (as C)	mg/kg DM	17700 ± 817	17600 ± 2200	1950	99.3	-0.03
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	68.8 ± 6.88	7.07	97.4	-0.13
Zinc	mg/kg DM	3120 ± 73	2940 ± 294	312	94.3	-0.30



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

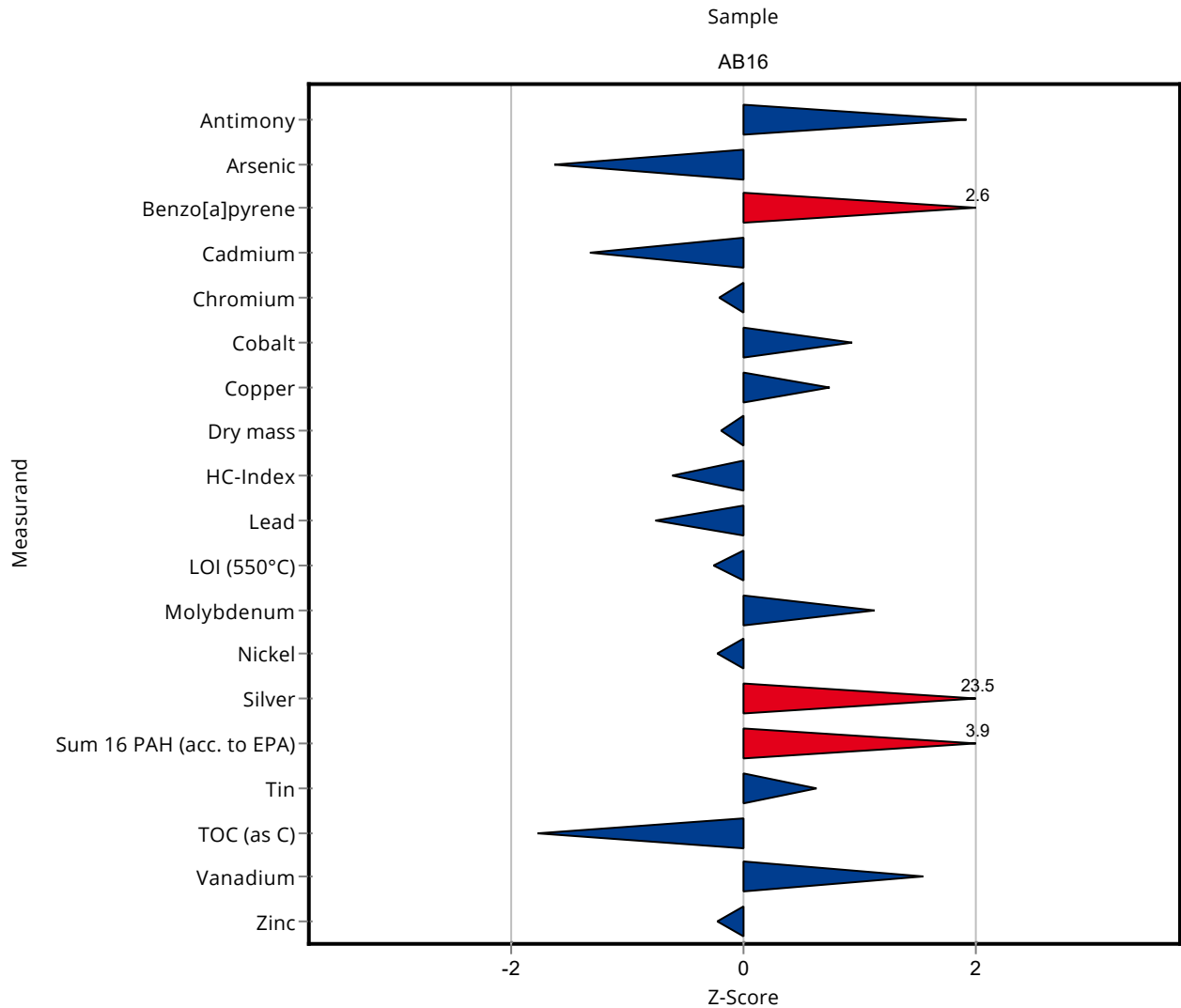
Labcode: LC0005

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	202.3 ± 11.33	18.4	121	1.91
Arsenic	mg/kg DM	16.6 ± 1.64	10.13 ± 0.5976	3.99	60.9	-1.63
Barium	mg/kg DM	- ± -	621.3 ± 34.29	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	8.409 ± 0.8914	1.36	173	2.61
Cadmium	mg/kg DM	5.14 ± 0.16	4.454 ± 0.1603	0.514	86.7	-1.33
Chromium	mg/kg DM	384 ± 19.5	374.3 ± 15.12	46.1	97.5	-0.21
Cobalt	mg/kg DM	69.6 ± 4.24	78.73 ± 3.315	9.75	113	0.93
Copper	mg/kg DM	2610 ± 80.7	2803 ± 98.1	261	107	0.74
Dry mass	%	97.9 ± 0.143	97.59 ± 8.979	1.47	99.7	-0.20
HC-Index	mg/kg DM	258 ± 51.7	181.8 ± 36.99	124	70.6	-0.61
Lead	mg/kg DM	367 ± 14.2	338.8 ± 14.84	36.7	92.4	-0.76
LOI (550°C)	% DM	5.08 ± 0.197	4.944 ± 0.2225	0.508	97.4	-0.26
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.1 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	89.55 ± 4.656	8.77	112	1.12
Nickel	mg/kg DM	319 ± 13.8	310.6 ± 13.04	35	97.5	-0.23
Selenium	mg/kg DM	2.47 ± 0.315	<5 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	38.13 ± 2.402	1.34	570	23.52
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	55.35 ± 17.16	5.63	167	3.95
Tin	mg/kg DM	168 ± 10.1	182.7 ± 15.84	23.5	109	0.62
TOC (as C)	mg/kg DM	17700 ± 817	14230 ± 1423	1950	80.3	-1.79
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	81.59 ± 5.874	7.07	115	1.55
Zinc	mg/kg DM	3120 ± 73	3046 ± 102.4	312	97.7	-0.23

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0005

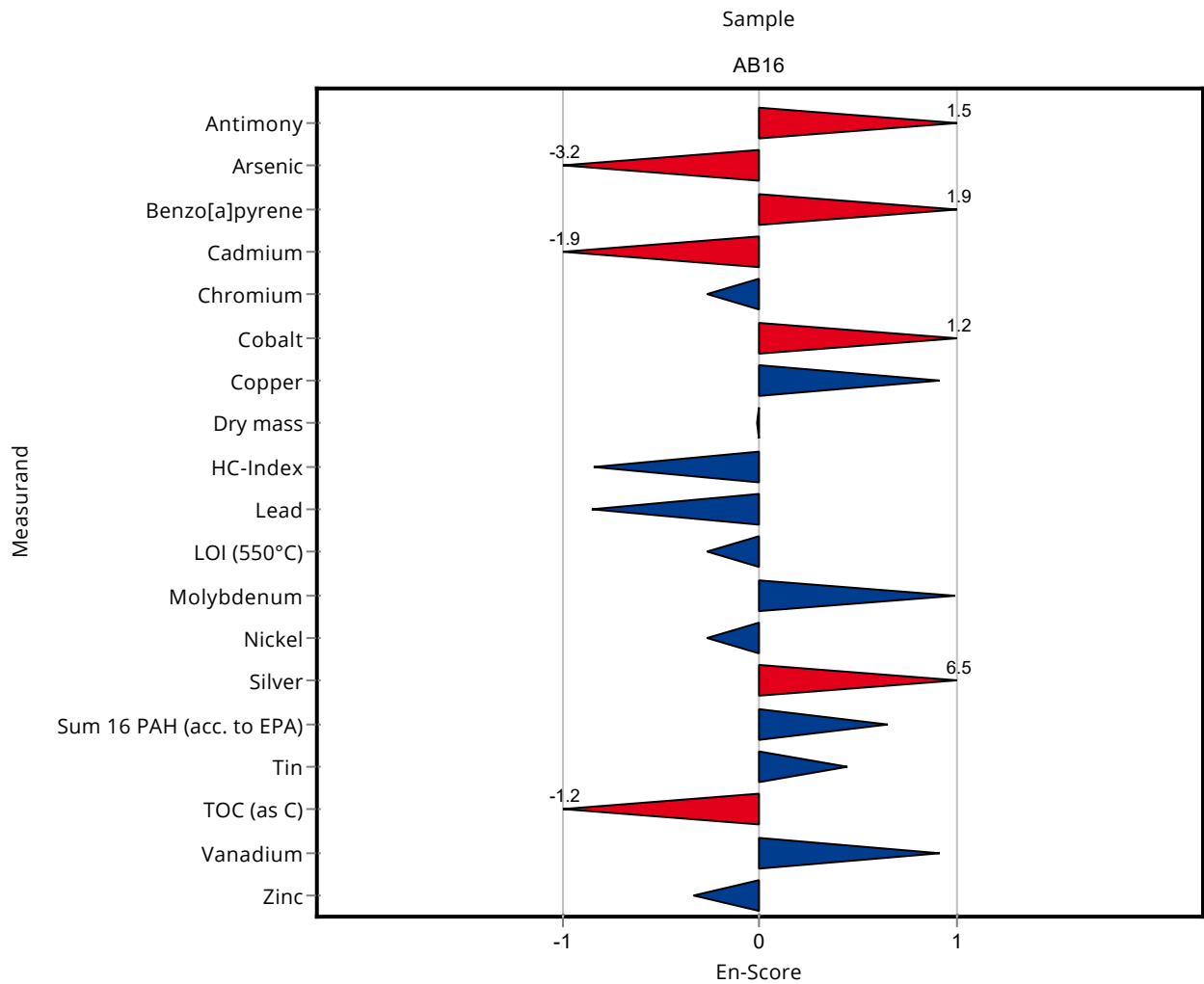


Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16 - En-Score

Labcode: LC0005

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	202.3 ± 11.33	18.4	121	1.47
Arsenic	mg/kg DM	16.6 ± 1.64	10.13 ± 0.5976	3.99	60.9	-3.21
Barium	mg/kg DM	- ± -	621.3 ± 34.29	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	8.409 ± 0.8914	1.36	173	1.91
Cadmium	mg/kg DM	5.14 ± 0.16	4.454 ± 0.1603	0.514	86.7	-1.91
Chromium	mg/kg DM	384 ± 19.5	374.3 ± 15.12	46.1	97.5	-0.27
Cobalt	mg/kg DM	69.6 ± 4.24	78.73 ± 3.315	9.75	113	1.16
Copper	mg/kg DM	2610 ± 80.7	2803 ± 98.1	261	107	0.91
Dry mass	%	97.9 ± 0.143	97.59 ± 8.979	1.47	99.7	-0.02
HC-Index	mg/kg DM	258 ± 51.7	181.8 ± 36.99	124	70.6	-0.84
Lead	mg/kg DM	367 ± 14.2	338.8 ± 14.84	36.7	92.4	-0.85
LOI (550°C)	% DM	5.08 ± 0.197	4.944 ± 0.2225	0.508	97.4	-0.27
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.1 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	89.55 ± 4.656	8.77	112	0.99
Nickel	mg/kg DM	319 ± 13.8	310.6 ± 13.04	35	97.5	-0.27
Selenium	mg/kg DM	2.47 ± 0.315	<5 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	38.13 ± 2.402	1.34	570	6.48
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	55.35 ± 17.16	5.63	167	0.65
Tin	mg/kg DM	168 ± 10.1	182.7 ± 15.84	23.5	109	0.44
TOC (as C)	mg/kg DM	17700 ± 817	14230 ± 1423	1950	80.3	-1.18
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	81.59 ± 5.874	7.07	115	0.91
Zinc	mg/kg DM	3120 ± 73	3046 ± 102.4	312	97.7	-0.34



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

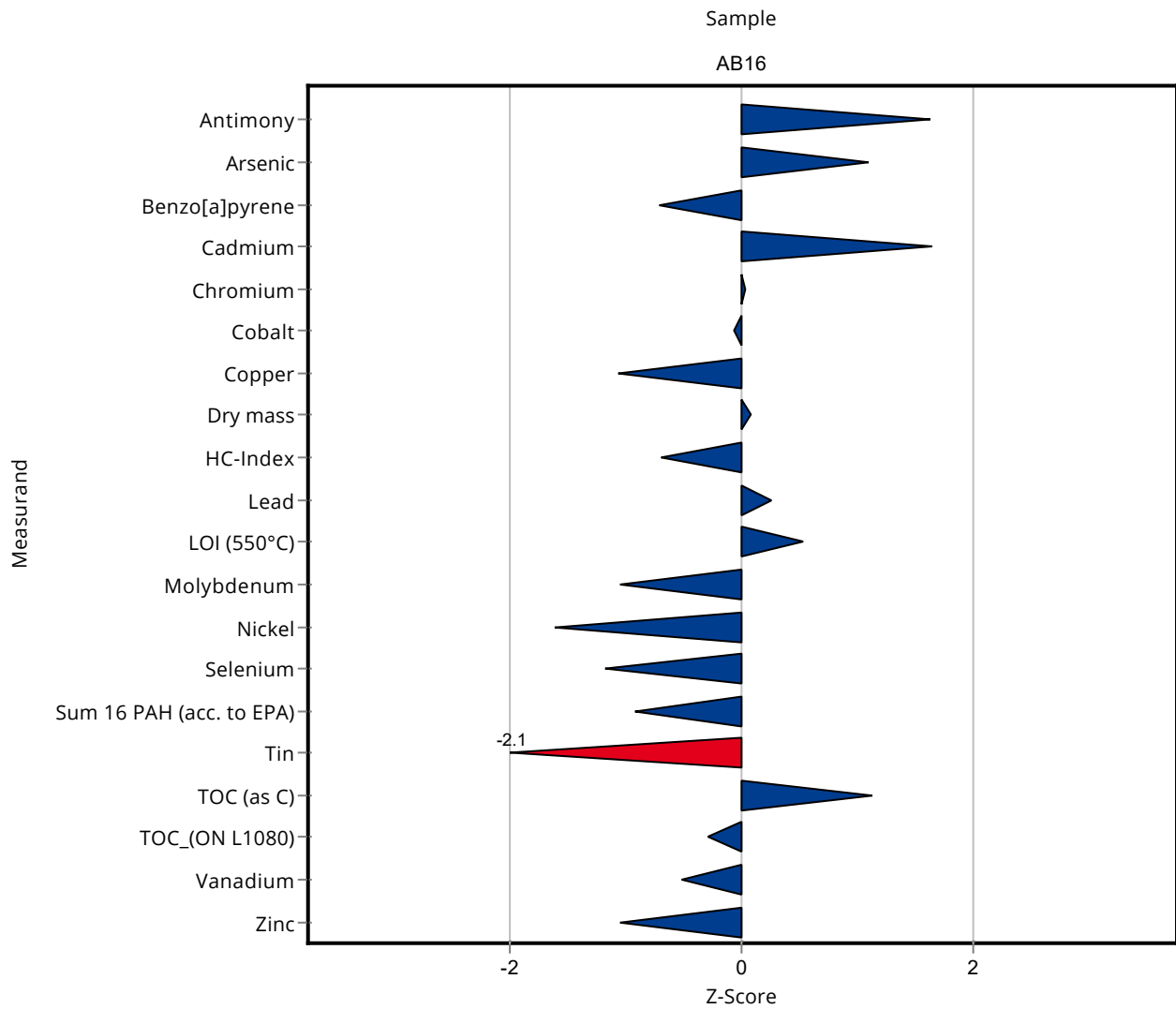
Labcode: LC0006

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	197 ± 39	18.4	118	1.62
Arsenic	mg/kg DM	16.6 ± 1.64	21 ± 4.2	3.99	126	1.09
Barium	mg/kg DM	- ± -	5980 ± 1200	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.89 ± 0.78	1.36	80.1	-0.71
Cadmium	mg/kg DM	5.14 ± 0.16	5.98 ± 1.2	0.514	116	1.64
Chromium	mg/kg DM	384 ± 19.5	385 ± 77	46.1	100	0.02
Cobalt	mg/kg DM	69.6 ± 4.24	69 ± 13.8	9.75	99.1	-0.06
Copper	mg/kg DM	2610 ± 80.7	2330 ± 470	261	89.3	-1.07
Dry mass	%	97.9 ± 0.143	98 ± 0.5	1.47	100	0.08
HC-Index	mg/kg DM	258 ± 51.7	170 ± 30	124	66	-0.71
Lead	mg/kg DM	367 ± 14.2	376 ± 75	36.7	103	0.25
LOI (550°C)	% DM	5.08 ± 0.197	5.34 ± 0.53	0.508	105	0.52
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.05 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	70.5 ± 14.1	8.77	88.4	-1.05
Nickel	mg/kg DM	319 ± 13.8	262 ± 52	35	82.3	-1.61
Selenium	mg/kg DM	2.47 ± 0.315	1.86 ± 0.37	0.52	75.2	-1.18
Silver	mg/kg DM	6.68 ± 0.673	<5 (LOQ) ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	27.9 ± 5.6	5.63	84.2	-0.93
Tin	mg/kg DM	168 ± 10.1	118 ± 24	23.5	70.2	-2.13
TOC (as C)	mg/kg DM	17700 ± 817	19900 ± 4000	1950	112	1.12
TOC_(ON L1080)	% DM	2.24 ± 0.509	2.05 ± 0.41	0.65	91.5	-0.29
Vanadium	mg/kg DM	70.7 ± 2.57	67 ± 13.4	7.07	94.8	-0.52
Zinc	mg/kg DM	3120 ± 73	2790 ± 560	312	89.5	-1.05

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0006

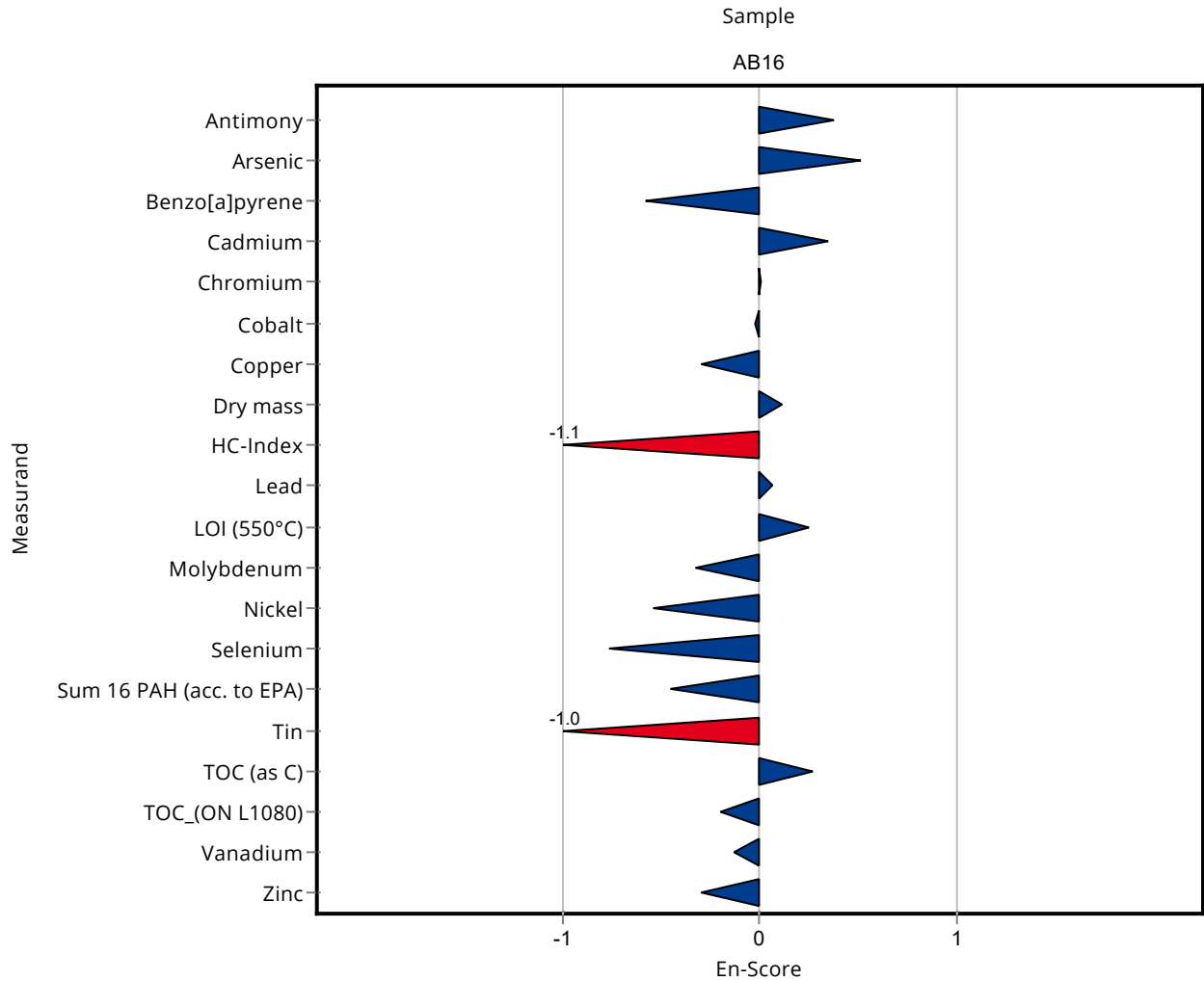


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0006

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	197 ± 39	18.4	118	0.38
Arsenic	mg/kg DM	16.6 ± 1.64	21 ± 4.2	3.99	126	0.51
Barium	mg/kg DM	- ± -	5980 ± 1200	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.89 ± 0.78	1.36	80.1	-0.58
Cadmium	mg/kg DM	5.14 ± 0.16	5.98 ± 1.2	0.514	116	0.35
Chromium	mg/kg DM	384 ± 19.5	385 ± 77	46.1	100	0.01
Cobalt	mg/kg DM	69.6 ± 4.24	69 ± 13.8	9.75	99.1	-0.02
Copper	mg/kg DM	2610 ± 80.7	2330 ± 470	261	89.3	-0.30
Dry mass	%	97.9 ± 0.143	98 ± 0.5	1.47	100	0.11
HC-Index	mg/kg DM	258 ± 51.7	170 ± 30	124	66	-1.11
Lead	mg/kg DM	367 ± 14.2	376 ± 75	36.7	103	0.06
LOI (550°C)	% DM	5.08 ± 0.197	5.34 ± 0.53	0.508	105	0.24
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.05 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	70.5 ± 14.1	8.77	88.4	-0.33
Nickel	mg/kg DM	319 ± 13.8	262 ± 52	35	82.3	-0.54
Selenium	mg/kg DM	2.47 ± 0.315	1.86 ± 0.37	0.52	75.2	-0.76
Silver	mg/kg DM	6.68 ± 0.673	<5 (LOQ) ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	27.9 ± 5.6	5.63	84.2	-0.46
Tin	mg/kg DM	168 ± 10.1	118 ± 24	23.5	70.2	-1.02
TOC (as C)	mg/kg DM	17700 ± 817	19900 ± 4000	1950	112	0.27
TOC_(ON L1080)	% DM	2.24 ± 0.509	2.05 ± 0.41	0.65	91.5	-0.20
Vanadium	mg/kg DM	70.7 ± 2.57	67 ± 13.4	7.07	94.8	-0.14
Zinc	mg/kg DM	3120 ± 73	2790 ± 560	312	89.5	-0.29



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

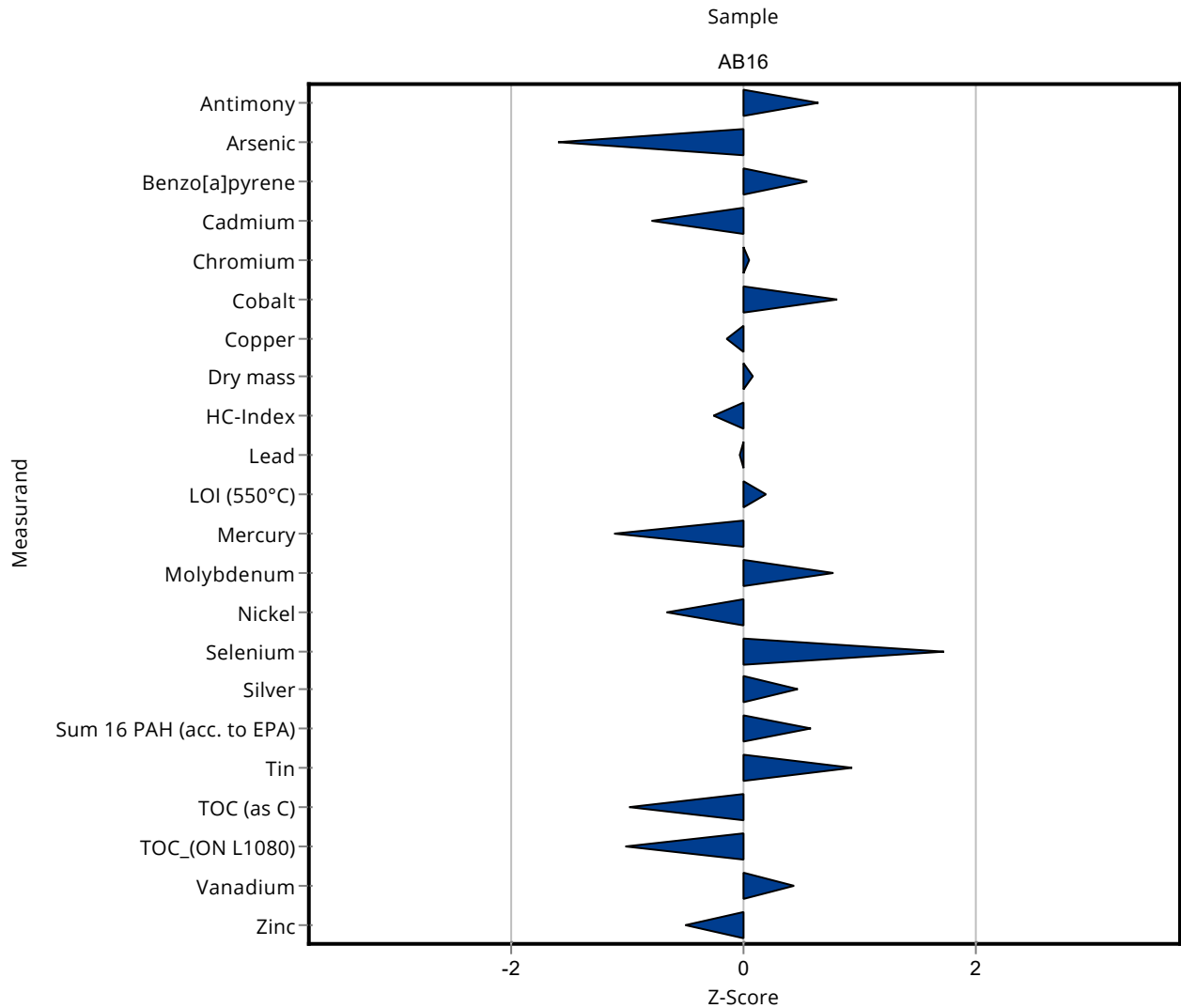
Labcode: LC0007

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	179 ± 16	18.4	107	0.64
Arsenic	mg/kg DM	16.6 ± 1.64	10.2 ± 0.53	3.99	61.3	-1.61
Barium	mg/kg DM	- ± -	397 ± 30	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.6 ± 0.69	1.36	115	0.55
Cadmium	mg/kg DM	5.14 ± 0.16	4.73 ± 0.21	0.514	92	-0.80
Chromium	mg/kg DM	384 ± 19.5	386 ± 17	46.1	101	0.04
Cobalt	mg/kg DM	69.6 ± 4.24	77.4 ± 3.8	9.75	111	0.80
Copper	mg/kg DM	2610 ± 80.7	2570 ± 80	261	98.5	-0.15
Dry mass	%	97.9 ± 0.143	98 ± 1.1	1.47	100	0.08
HC-Index	mg/kg DM	258 ± 51.7	225 ± 23	124	87.3	-0.26
Lead	mg/kg DM	367 ± 14.2	365 ± 15	36.7	99.5	-0.05
LOI (550°C)	% DM	5.08 ± 0.197	5.17 ± 0.09	0.508	102	0.18
Mercury	mg/kg DM	0.0312 ± 0.00664	0.02 ± 0.001	0.00997	64.2	-1.12
Molybdenum	mg/kg DM	79.7 ± 3.49	86.4 ± 7.6	8.77	108	0.76
Nickel	mg/kg DM	319 ± 13.8	295 ± 12	35	92.6	-0.67
Selenium	mg/kg DM	2.47 ± 0.315	3.37 ± 0.25	0.52	136	1.72
Silver	mg/kg DM	6.68 ± 0.673	7.29 ± 0.69	1.34	109	0.45
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	36.3 ± 2.3	5.63	110	0.56
Tin	mg/kg DM	168 ± 10.1	190 ± 17	23.5	113	0.93
TOC (as C)	mg/kg DM	17700 ± 817	15786 ± 640	1950	89.1	-0.99
TOC_(ON L1080)	% DM	2.24 ± 0.509	1.579 ± 0.064	0.65	70.5	-1.02
Vanadium	mg/kg DM	70.7 ± 2.57	73.7 ± 4.2	7.07	104	0.43
Zinc	mg/kg DM	3120 ± 73	2960 ± 94	312	94.9	-0.51

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0007

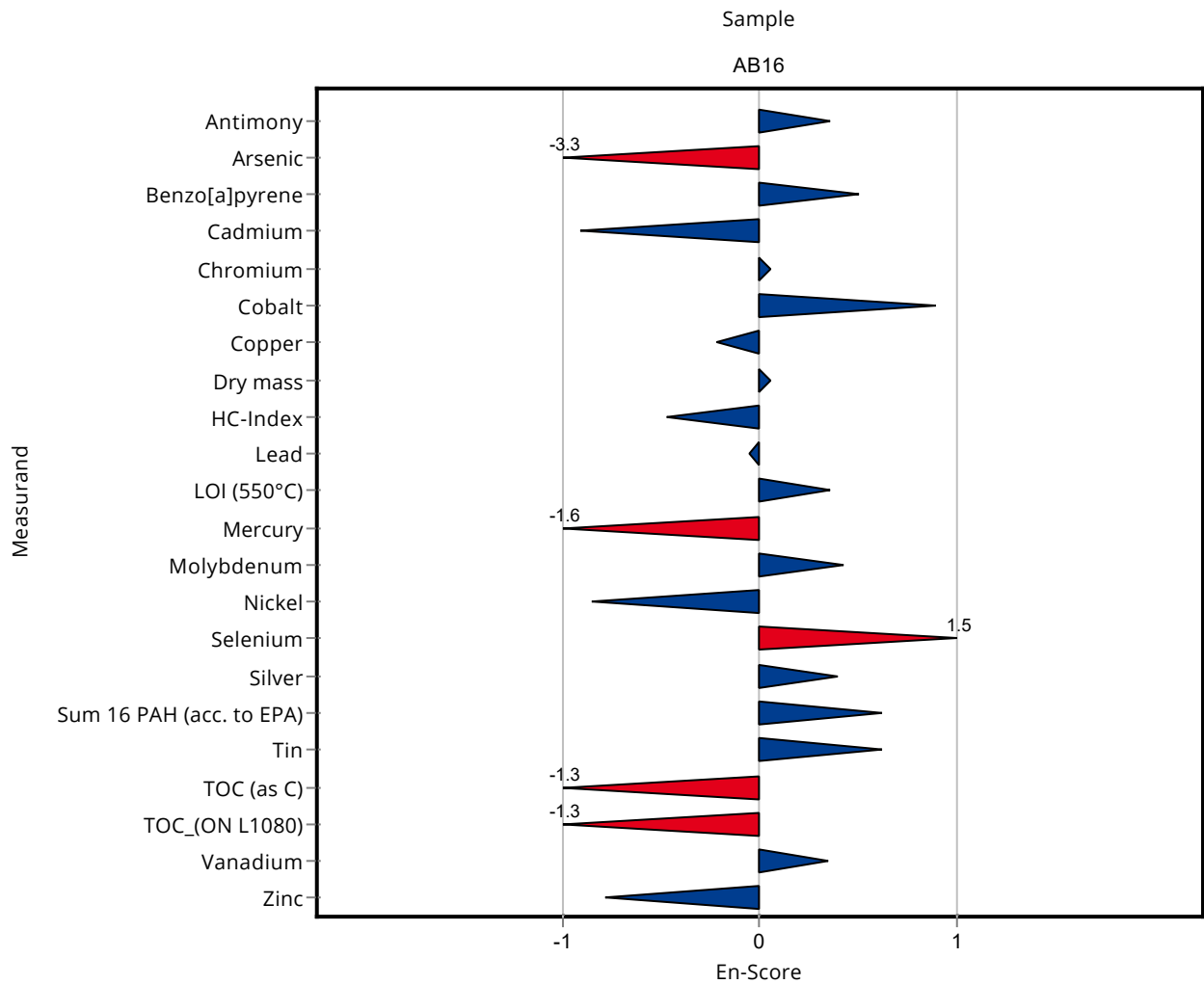


Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16 - En-Score

Labcode: LC0007

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	179 ± 16	18.4	107	0.36
Arsenic	mg/kg DM	16.6 ± 1.64	10.2 ± 0.53	3.99	61.3	-3.30
Barium	mg/kg DM	- ± -	397 ± 30	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.6 ± 0.69	1.36	115	0.50
Cadmium	mg/kg DM	5.14 ± 0.16	4.73 ± 0.21	0.514	92	-0.91
Chromium	mg/kg DM	384 ± 19.5	386 ± 17	46.1	101	0.05
Cobalt	mg/kg DM	69.6 ± 4.24	77.4 ± 3.8	9.75	111	0.89
Copper	mg/kg DM	2610 ± 80.7	2570 ± 80	261	98.5	-0.22
Dry mass	%	97.9 ± 0.143	98 ± 1.1	1.47	100	0.05
HC-Index	mg/kg DM	258 ± 51.7	225 ± 23	124	87.3	-0.47
Lead	mg/kg DM	367 ± 14.2	365 ± 15	36.7	99.5	-0.05
LOI (550°C)	% DM	5.08 ± 0.197	5.17 ± 0.09	0.508	102	0.35
Mercury	mg/kg DM	0.0312 ± 0.00664	0.02 ± 0.001	0.00997	64.2	-1.61
Molybdenum	mg/kg DM	79.7 ± 3.49	86.4 ± 7.6	8.77	108	0.43
Nickel	mg/kg DM	319 ± 13.8	295 ± 12	35	92.6	-0.85
Selenium	mg/kg DM	2.47 ± 0.315	3.37 ± 0.25	0.52	136	1.52
Silver	mg/kg DM	6.68 ± 0.673	7.29 ± 0.69	1.34	109	0.39
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	36.3 ± 2.3	5.63	110	0.62
Tin	mg/kg DM	168 ± 10.1	190 ± 17	23.5	113	0.62
TOC (as C)	mg/kg DM	17700 ± 817	15786 ± 640	1950	89.1	-1.27
TOC_(ON L1080)	% DM	2.24 ± 0.509	1.579 ± 0.064	0.65	70.5	-1.26
Vanadium	mg/kg DM	70.7 ± 2.57	73.7 ± 4.2	7.07	104	0.35
Zinc	mg/kg DM	3120 ± 73	2960 ± 94	312	94.9	-0.79



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

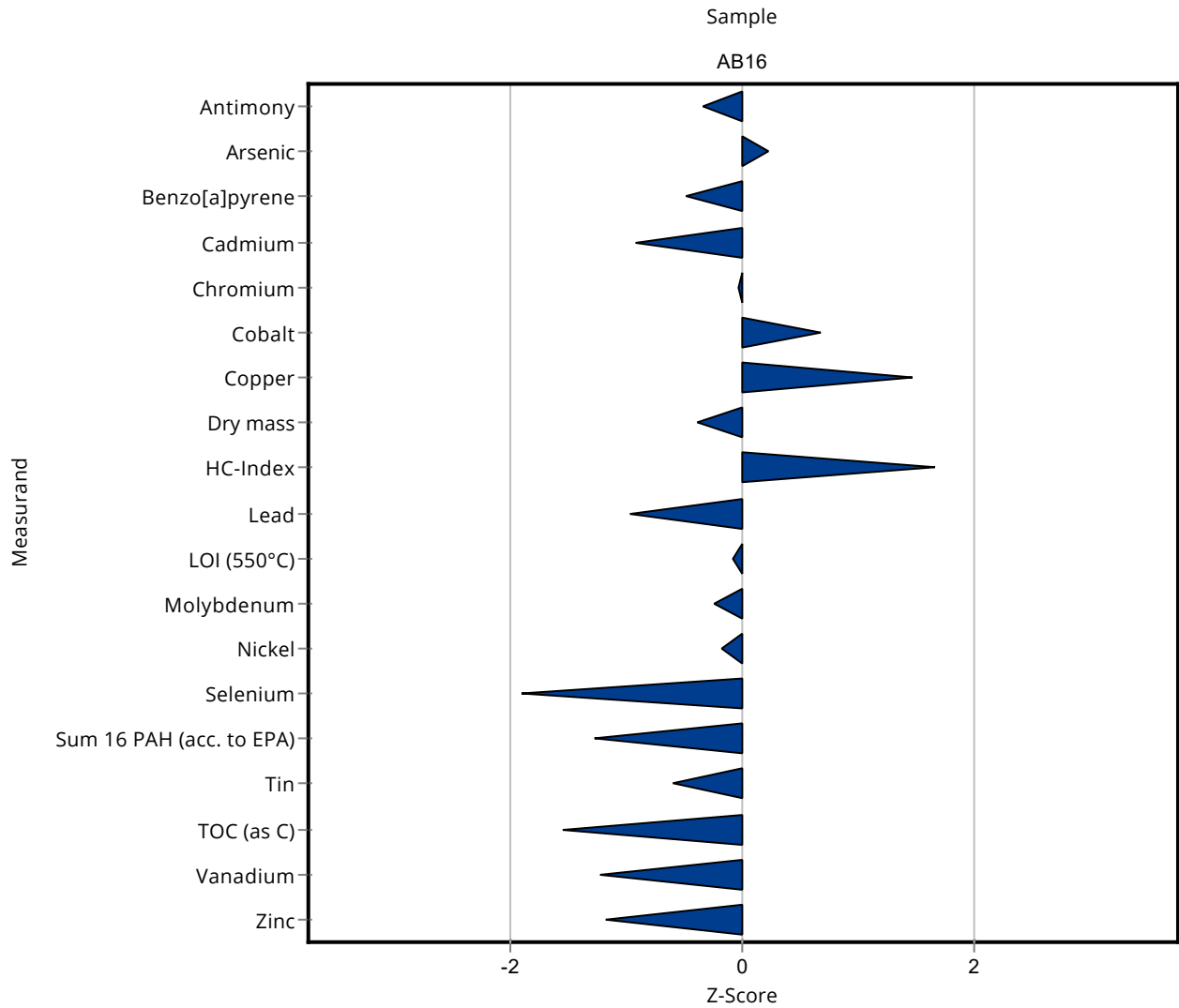
Labcode: LC0008

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	161 ± 16.1	18.4	96.3	-0.34
Arsenic	mg/kg DM	16.6 ± 1.64	17.5 ± 1.75	3.99	105	0.22
Barium	mg/kg DM	- ± -	2820 ± 282	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	4.19 ± 0.839	1.36	86.3	-0.49
Cadmium	mg/kg DM	5.14 ± 0.16	4.66 ± 0.699	0.514	90.7	-0.93
Chromium	mg/kg DM	384 ± 19.5	382 ± 57.3	46.1	99.5	-0.04
Cobalt	mg/kg DM	69.6 ± 4.24	76.1 ± 11.4	9.75	109	0.66
Copper	mg/kg DM	2610 ± 80.7	2990 ± 299	261	115	1.46
Dry mass	%	97.9 ± 0.143	97.3 ± 9.7	1.47	99.4	-0.40
HC-Index	mg/kg DM	258 ± 51.7	462 ± 92.4	124	179	1.65
Lead	mg/kg DM	367 ± 14.2	331 ± 33.1	36.7	90.3	-0.97
LOI (550°C)	% DM	5.08 ± 0.197	5.03 ± 0.5	0.508	99.1	-0.09
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.05 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	77.5 ± 7.75	8.77	97.2	-0.25
Nickel	mg/kg DM	319 ± 13.8	312 ± 46.8	35	97.9	-0.19
Selenium	mg/kg DM	2.47 ± 0.315	1.48 ± 0.148	0.52	59.8	-1.91
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	25.9 ± 5.17	5.63	78.2	-1.28
Tin	mg/kg DM	168 ± 10.1	154 ± 15.4	23.5	91.6	-0.60
TOC (as C)	mg/kg DM	17700 ± 817	14700 ± 2940	1950	83	-1.55
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	61.9 ± 6.19	7.07	87.6	-1.24
Zinc	mg/kg DM	3120 ± 73	2750 ± 412.5	312	88.2	-1.18

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0008



Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

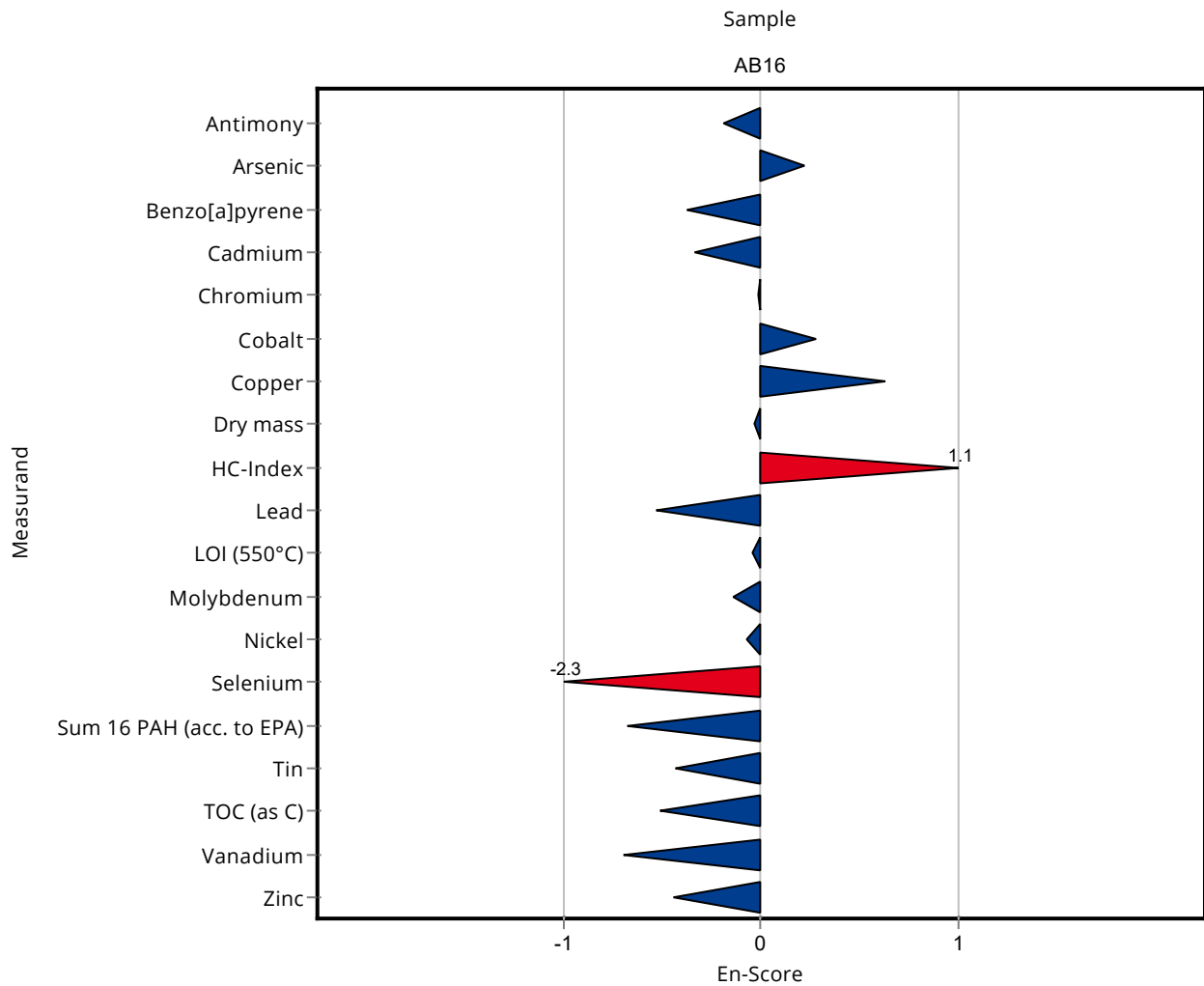
Labcode: LC0008

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	161 ± 16.1	18.4	96.3	-0.19
Arsenic	mg/kg DM	16.6 ± 1.64	17.5 ± 1.75	3.99	105	0.22
Barium	mg/kg DM	- ± -	2820 ± 282	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	4.19 ± 0.839	1.36	86.3	-0.38
Cadmium	mg/kg DM	5.14 ± 0.16	4.66 ± 0.699	0.514	90.7	-0.34
Chromium	mg/kg DM	384 ± 19.5	382 ± 57.3	46.1	99.5	-0.02
Cobalt	mg/kg DM	69.6 ± 4.24	76.1 ± 11.4	9.75	109	0.28
Copper	mg/kg DM	2610 ± 80.7	2990 ± 299	261	115	0.63
Dry mass	%	97.9 ± 0.143	97.3 ± 9.7	1.47	99.4	-0.03
HC-Index	mg/kg DM	258 ± 51.7	462 ± 92.4	124	179	1.06
Lead	mg/kg DM	367 ± 14.2	331 ± 33.1	36.7	90.3	-0.53
LOI (550°C)	% DM	5.08 ± 0.197	5.03 ± 0.5	0.508	99.1	-0.05
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.05 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	77.5 ± 7.75	8.77	97.2	-0.14
Nickel	mg/kg DM	319 ± 13.8	312 ± 46.8	35	97.9	-0.07
Selenium	mg/kg DM	2.47 ± 0.315	1.48 ± 0.148	0.52	59.8	-2.30
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	25.9 ± 5.17	5.63	78.2	-0.68
Tin	mg/kg DM	168 ± 10.1	154 ± 15.4	23.5	91.6	-0.43
TOC (as C)	mg/kg DM	17700 ± 817	14700 ± 2940	1950	83	-0.51
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	61.9 ± 6.19	7.07	87.6	-0.69
Zinc	mg/kg DM	3120 ± 73	2750 ± 412.5	312	88.2	-0.45

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16 - En-Score

Labcode: LC0008



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

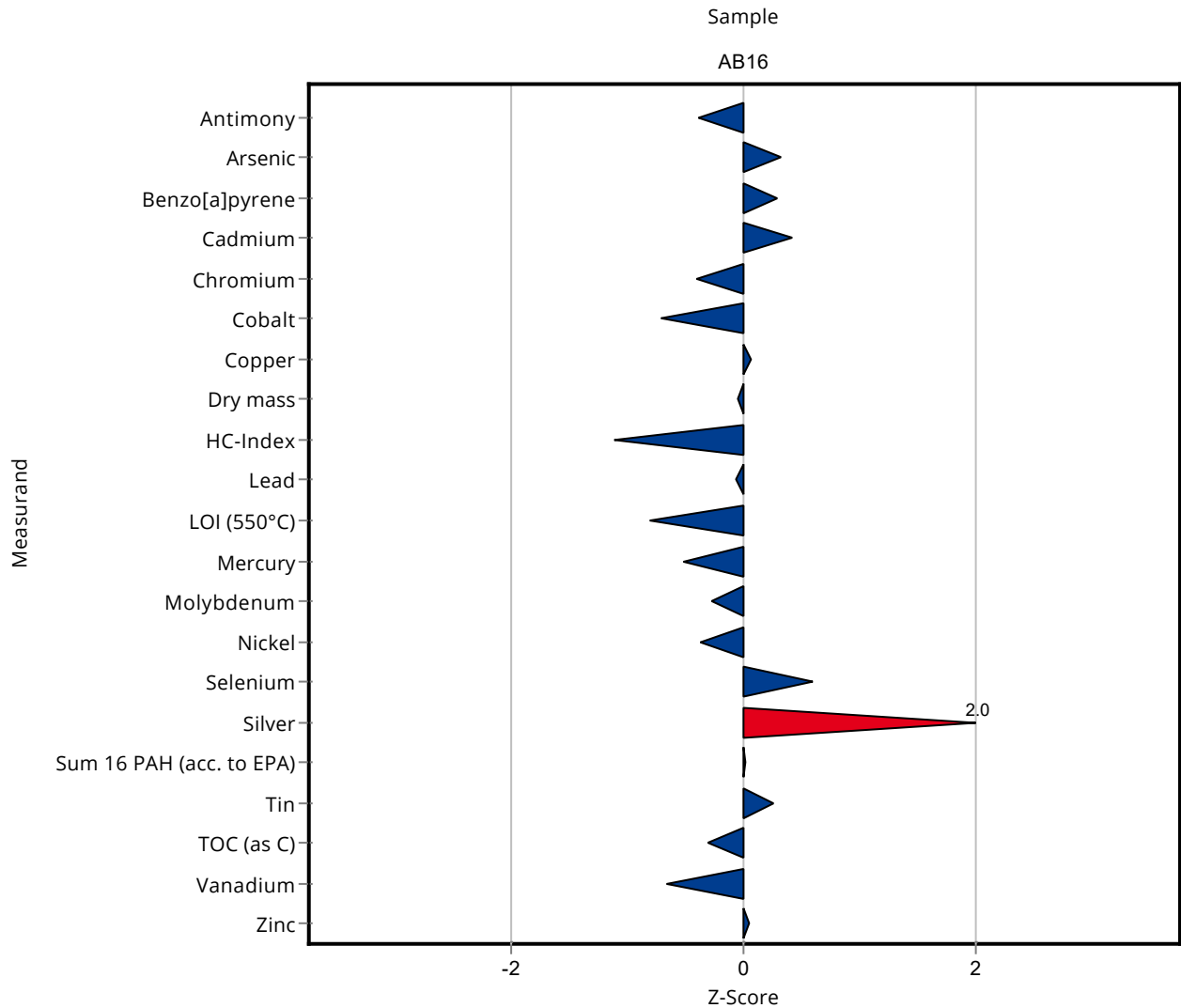
Labcode: LC0009

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	160 ± 24	18.4	95.7	-0.39
Arsenic	mg/kg DM	16.6 ± 1.64	17.9 ± 2.685	3.99	108	0.32
Barium	mg/kg DM	- ± -	3996 ± 599	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.24 ± 0.786	1.36	108	0.28
Cadmium	mg/kg DM	5.14 ± 0.16	5.35 ± 0.54	0.514	104	0.41
Chromium	mg/kg DM	384 ± 19.5	365 ± 36.5	46.1	95	-0.41
Cobalt	mg/kg DM	69.6 ± 4.24	62.6 ± 12.52	9.75	89.9	-0.72
Copper	mg/kg DM	2610 ± 80.7	2626 ± 263	261	101	0.06
Dry mass	%	97.9 ± 0.143	97.81 ± 0.5	1.47	99.9	-0.05
HC-Index	mg/kg DM	258 ± 51.7	119 ± 24	124	46.2	-1.12
Lead	mg/kg DM	367 ± 14.2	364 ± 36	36.7	99.3	-0.07
LOI (550°C)	% DM	5.08 ± 0.197	4.66 ± 0.24	0.508	91.8	-0.82
Mercury	mg/kg DM	0.0312 ± 0.00664	0.026 ± 0.0026	0.00997	83.5	-0.52
Molybdenum	mg/kg DM	79.7 ± 3.49	77.2 ± 11.6	8.77	96.8	-0.29
Nickel	mg/kg DM	319 ± 13.8	305 ± 31	35	95.8	-0.39
Selenium	mg/kg DM	2.47 ± 0.315	2.78 ± 0.556	0.52	112	0.59
Silver	mg/kg DM	6.68 ± 0.673	9.38 ± 1.876	1.34	140	2.02
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	33.2 ± 6.64	5.63	100	0.01
Tin	mg/kg DM	168 ± 10.1	174 ± 35	23.5	104	0.25
TOC (as C)	mg/kg DM	17700 ± 817	17100 ± 2565	1950	96.5	-0.32
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	65.9 ± 6.6	7.07	93.3	-0.67
Zinc	mg/kg DM	3120 ± 73	3133 ± 313	312	100	0.05

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0009

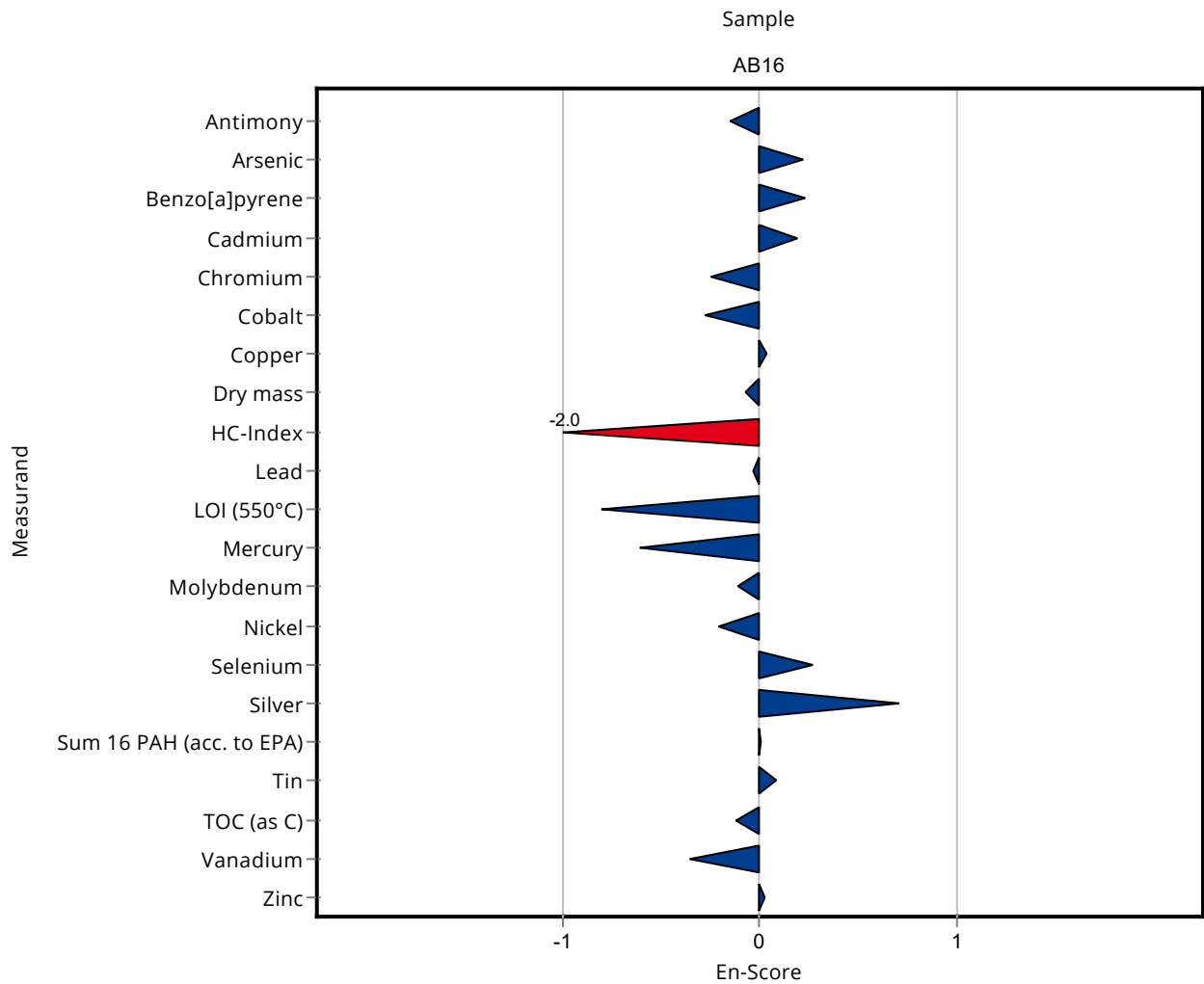


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0009

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	160 ± 24	18.4	95.7	-0.15
Arsenic	mg/kg DM	16.6 ± 1.64	17.9 ± 2.685	3.99	108	0.22
Barium	mg/kg DM	- ± -	3996 ± 599	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.24 ± 0.786	1.36	108	0.23
Cadmium	mg/kg DM	5.14 ± 0.16	5.35 ± 0.54	0.514	104	0.19
Chromium	mg/kg DM	384 ± 19.5	365 ± 36.5	46.1	95	-0.25
Cobalt	mg/kg DM	69.6 ± 4.24	62.6 ± 12.52	9.75	89.9	-0.28
Copper	mg/kg DM	2610 ± 80.7	2626 ± 263	261	101	0.03
Dry mass	%	97.9 ± 0.143	97.81 ± 0.5	1.47	99.9	-0.08
HC-Index	mg/kg DM	258 ± 51.7	119 ± 24	124	46.2	-1.96
Lead	mg/kg DM	367 ± 14.2	364 ± 36	36.7	99.3	-0.04
LOI (550°C)	% DM	5.08 ± 0.197	4.66 ± 0.24	0.508	91.8	-0.80
Mercury	mg/kg DM	0.0312 ± 0.00664	0.026 ± 0.0026	0.00997	83.5	-0.61
Molybdenum	mg/kg DM	79.7 ± 3.49	77.2 ± 11.6	8.77	96.8	-0.11
Nickel	mg/kg DM	319 ± 13.8	305 ± 31	35	95.8	-0.21
Selenium	mg/kg DM	2.47 ± 0.315	2.78 ± 0.556	0.52	112	0.26
Silver	mg/kg DM	6.68 ± 0.673	9.38 ± 1.876	1.34	140	0.71
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	33.2 ± 6.64	5.63	100	0.01
Tin	mg/kg DM	168 ± 10.1	174 ± 35	23.5	104	0.08
TOC (as C)	mg/kg DM	17700 ± 817	17100 ± 2565	1950	96.5	-0.12
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	65.9 ± 6.6	7.07	93.3	-0.35
Zinc	mg/kg DM	3120 ± 73	3133 ± 313	312	100	0.02



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

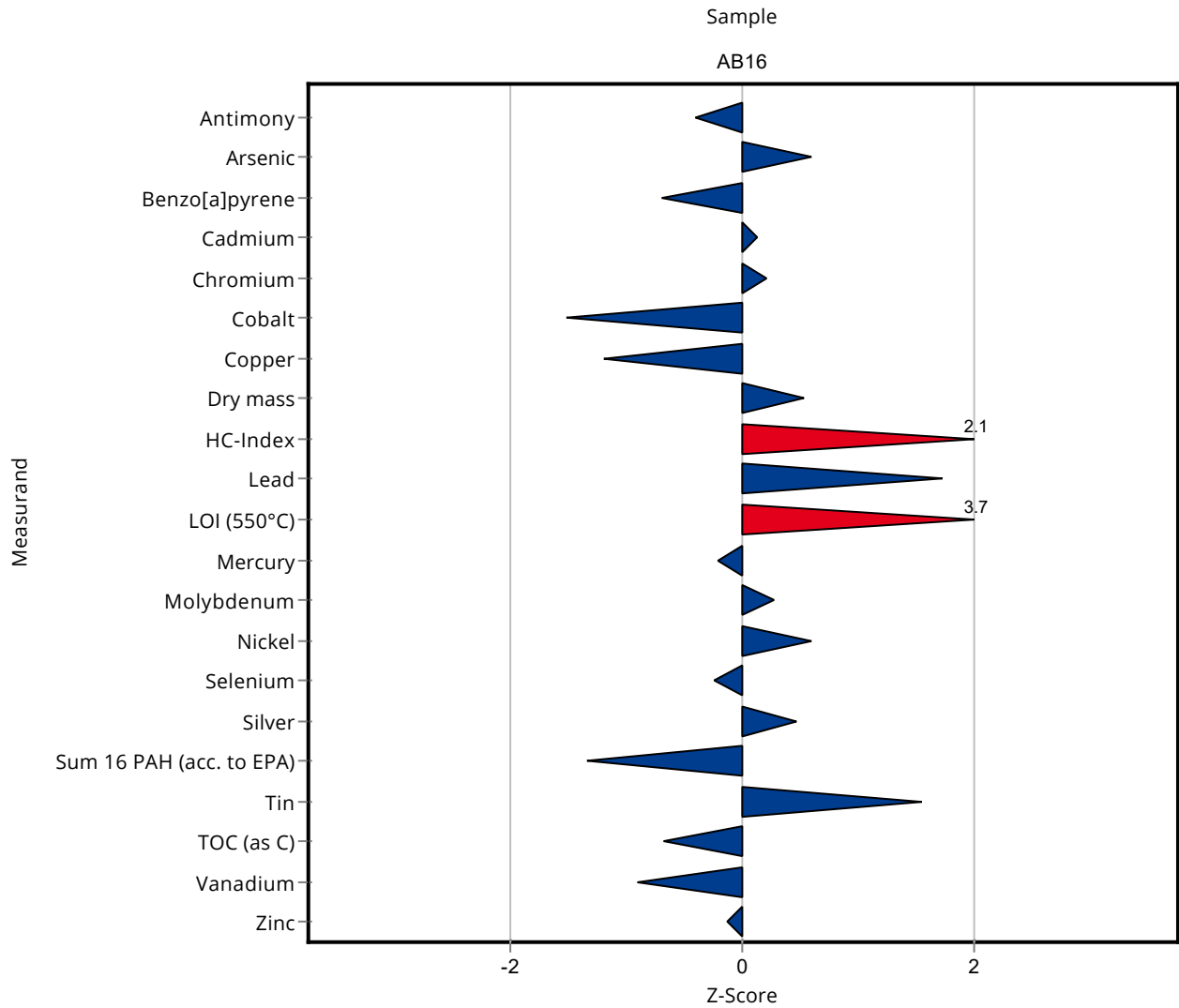
Labcode: LC0010

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	159.8 ± 0.719	18.4	95.6	-0.40
Arsenic	mg/kg DM	16.6 ± 1.64	19 ± 0.038	3.99	114	0.59
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.9 ± 0.98	1.36	80.3	-0.70
Cadmium	mg/kg DM	5.14 ± 0.16	5.2 ± 0.0156	0.514	101	0.12
Chromium	mg/kg DM	384 ± 19.5	393.2 ± 1.376	46.1	102	0.20
Cobalt	mg/kg DM	69.6 ± 4.24	54.8 ± 0.1096	9.75	78.7	-1.52
Copper	mg/kg DM	2610 ± 80.7	2297.4 ± 6.89	261	88	-1.20
Dry mass	%	97.9 ± 0.143	98.65 ± 9.865	1.47	101	0.52
HC-Index	mg/kg DM	258 ± 51.7	512.9 ± 128.2	124	199	2.06
Lead	mg/kg DM	367 ± 14.2	429.7 ± 1.289	36.7	117	1.72
LOI (550°C)	% DM	5.08 ± 0.197	6.97 ± 0.83	0.508	137	3.73
Mercury	mg/kg DM	0.0312 ± 0.00664	0.029 ± 0.000058	0.00997	93.1	-0.22
Molybdenum	mg/kg DM	79.7 ± 3.49	82.1 ± 0.205	8.77	103	0.27
Nickel	mg/kg DM	319 ± 13.8	338.9 ± 1.017	35	106	0.58
Selenium	mg/kg DM	2.47 ± 0.315	2.34 ± 0.00468	0.52	94.6	-0.26
Silver	mg/kg DM	6.68 ± 0.673	7.3 ± 0.0219	1.34	109	0.46
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	25.52 ± 6.38	5.63	77.1	-1.35
Tin	mg/kg DM	168 ± 10.1	204.3 ± 0.715	23.5	122	1.54
TOC (as C)	mg/kg DM	17700 ± 817	16389 ± 1600	1950	92.5	-0.68
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	64.2 ± 0.128	7.07	90.8	-0.92
Zinc	mg/kg DM	3120 ± 73	3075.9 ± 9.228	312	98.6	-0.14

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0010



Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

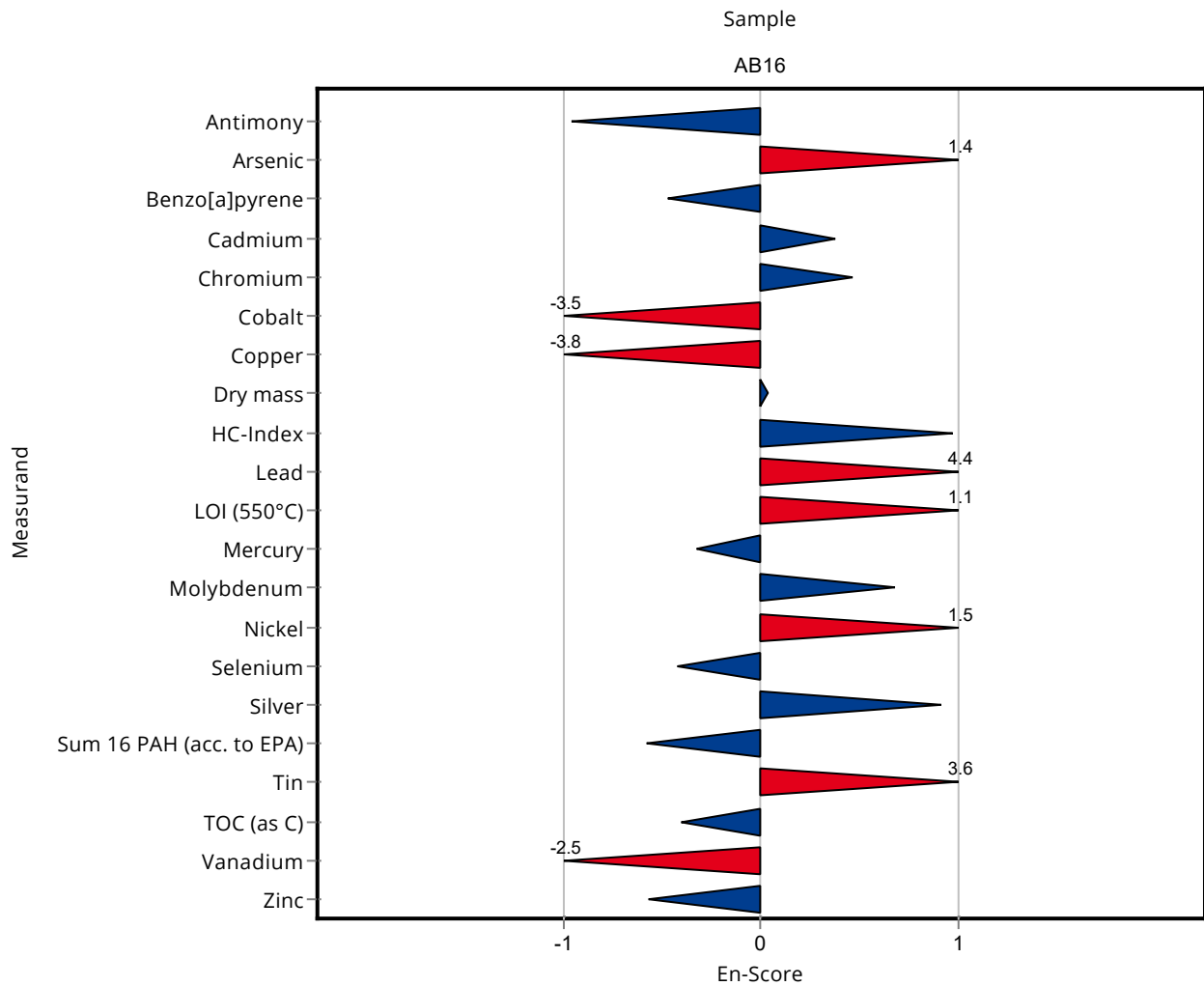
Labcode: LC0010

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	159.8 ± 0.719	18.4	95.6	-0.96
Arsenic	mg/kg DM	16.6 ± 1.64	19 ± 0.038	3.99	114	1.44
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.9 ± 0.98	1.36	80.3	-0.47
Cadmium	mg/kg DM	5.14 ± 0.16	5.2 ± 0.0156	0.514	101	0.38
Chromium	mg/kg DM	384 ± 19.5	393.2 ± 1.376	46.1	102	0.46
Cobalt	mg/kg DM	69.6 ± 4.24	54.8 ± 0.1096	9.75	78.7	-3.50
Copper	mg/kg DM	2610 ± 80.7	2297.4 ± 6.89	261	88	-3.81
Dry mass	%	97.9 ± 0.143	98.65 ± 9.865	1.47	101	0.04
HC-Index	mg/kg DM	258 ± 51.7	512.9 ± 128.2	124	199	0.98
Lead	mg/kg DM	367 ± 14.2	429.7 ± 1.289	36.7	117	4.38
LOI (550°C)	% DM	5.08 ± 0.197	6.97 ± 0.83	0.508	137	1.13
Mercury	mg/kg DM	0.0312 ± 0.00664	0.029 ± 0.000058	0.00997	93.1	-0.32
Molybdenum	mg/kg DM	79.7 ± 3.49	82.1 ± 0.205	8.77	103	0.67
Nickel	mg/kg DM	319 ± 13.8	338.9 ± 1.017	35	106	1.46
Selenium	mg/kg DM	2.47 ± 0.315	2.34 ± 0.00468	0.52	94.6	-0.42
Silver	mg/kg DM	6.68 ± 0.673	7.3 ± 0.0219	1.34	109	0.91
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	25.52 ± 6.38	5.63	77.1	-0.59
Tin	mg/kg DM	168 ± 10.1	204.3 ± 0.715	23.5	122	3.56
TOC (as C)	mg/kg DM	17700 ± 817	16389 ± 1600	1950	92.5	-0.40
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	64.2 ± 0.128	7.07	90.8	-2.50
Zinc	mg/kg DM	3120 ± 73	3075.9 ± 9.228	312	98.6	-0.57

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16 - En-Score

Labcode: LC0010

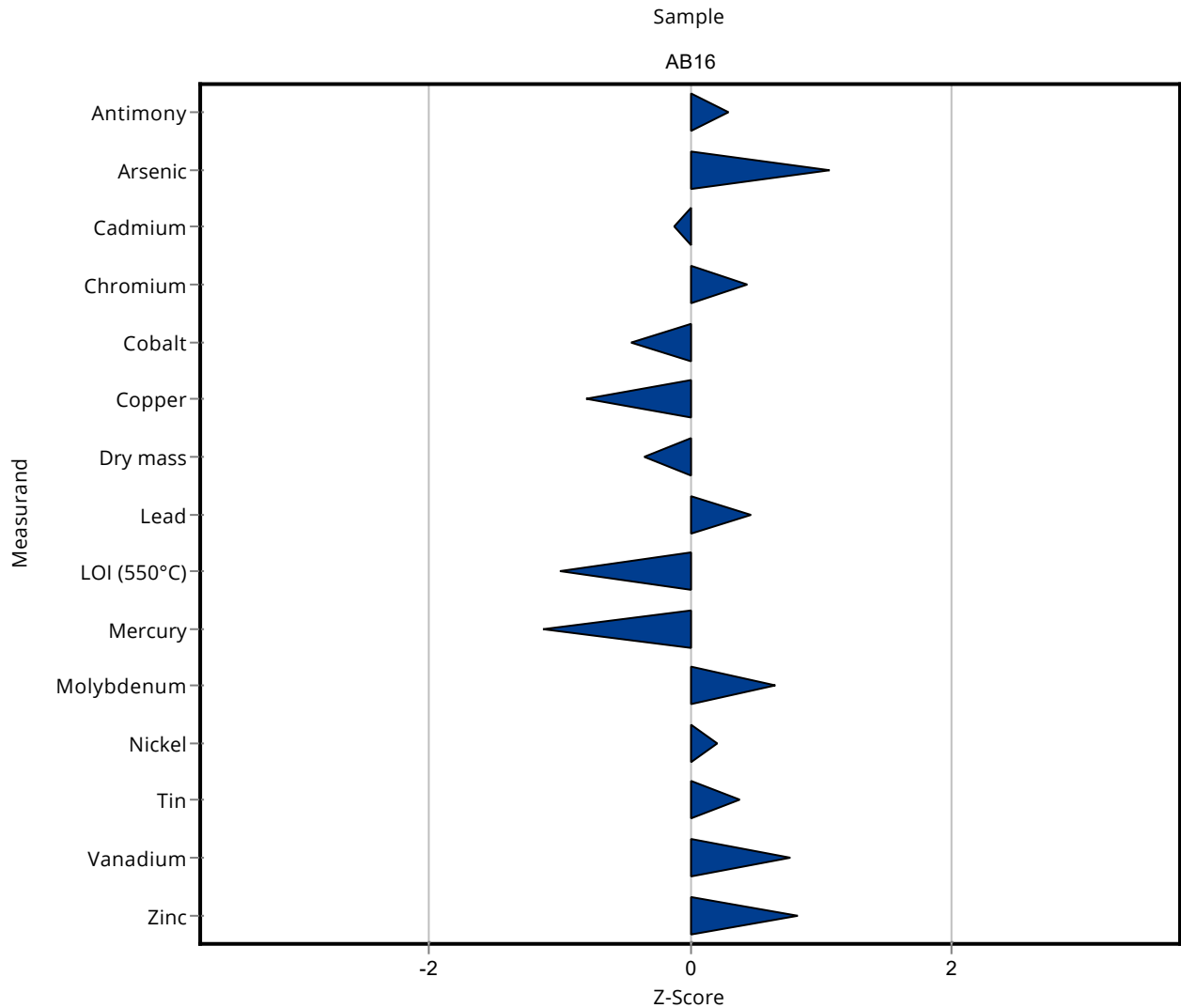


Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0011

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	172.57 ± 31.646	18.4	103	0.29
Arsenic	mg/kg DM	16.6 ± 1.64	20.9 ± 9.52	3.99	126	1.07
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	- ± -	1.36	-	-
Cadmium	mg/kg DM	5.14 ± 0.16	5.079 ± 0.215	0.514	98.8	-0.12
Chromium	mg/kg DM	384 ± 19.5	404.029 ± 58.619	46.1	105	0.43
Cobalt	mg/kg DM	69.6 ± 4.24	65.181 ± 22.521	9.75	93.6	-0.46
Copper	mg/kg DM	2610 ± 80.7	2401.211 ± 177.057	261	92	-0.80
Dry mass	%	97.9 ± 0.143	97.36 ± 0.06	1.47	99.5	-0.36
HC-Index	mg/kg DM	258 ± 51.7	- ± -	124	-	-
Lead	mg/kg DM	367 ± 14.2	383.916 ± 45.25	36.7	105	0.47
LOI (550°C)	% DM	5.08 ± 0.197	4.567 ± 0.094	0.508	90	-1.00
Mercury	mg/kg DM	0.0312 ± 0.00664	0.02 ± 0.012	0.00997	64.2	-1.12
Molybdenum	mg/kg DM	79.7 ± 3.49	85.404 ± 14.584	8.77	107	0.65
Nickel	mg/kg DM	319 ± 13.8	325.613 ± 70.857	35	102	0.20
Selenium	mg/kg DM	2.47 ± 0.315	<5.09 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	- ± -	5.63	-	-
Tin	mg/kg DM	168 ± 10.1	176.853 ± 21.792	23.5	105	0.37
TOC (as C)	mg/kg DM	17700 ± 817	- ± -	1950	-	-
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	76.05 ± 8.778	7.07	108	0.76
Zinc	mg/kg DM	3120 ± 73	3373.934 ± 193.686	312	108	0.82

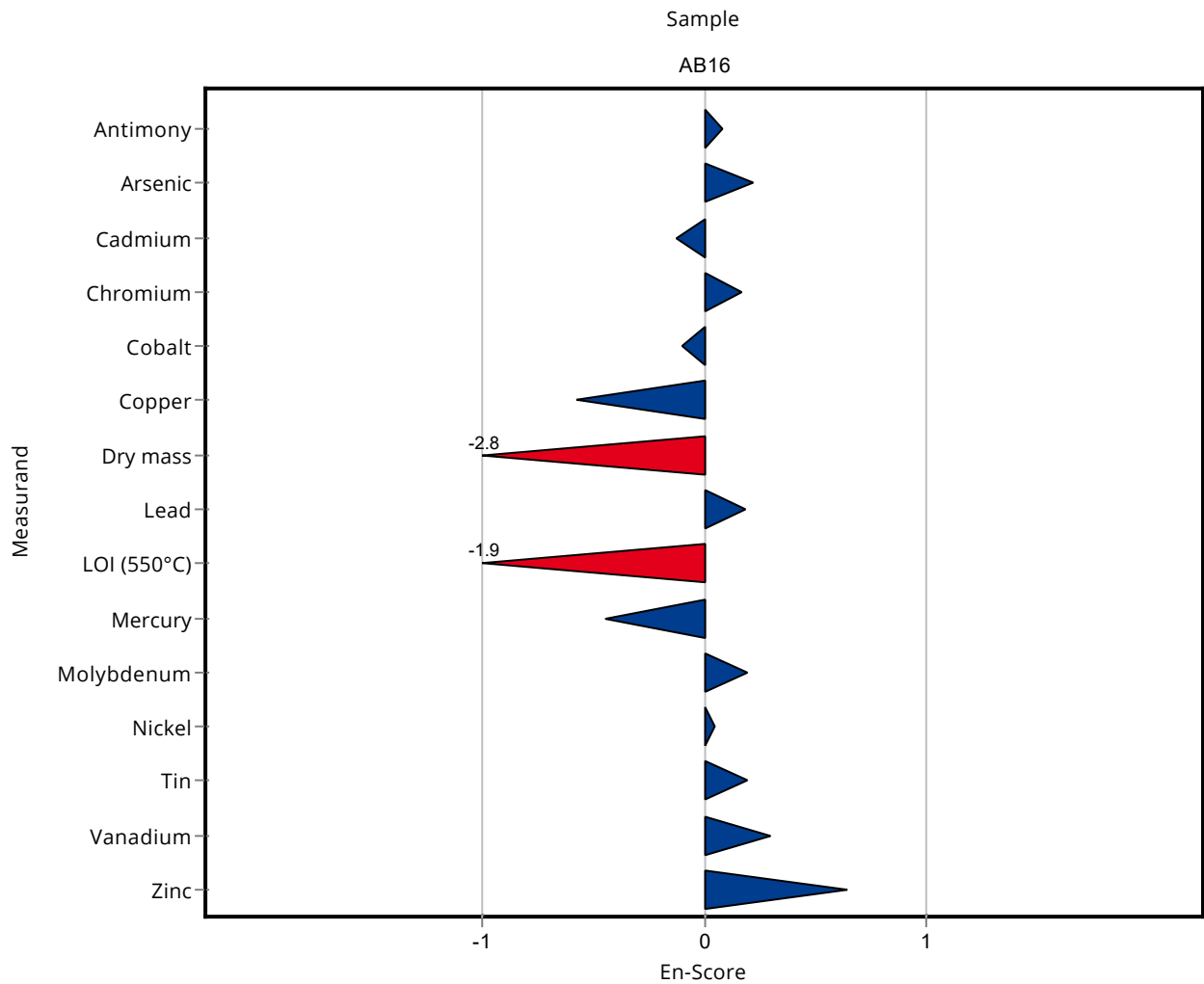


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0011

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	172.57 ± 31.646	18.4	103	0.08
Arsenic	mg/kg DM	16.6 ± 1.64	20.9 ± 9.52	3.99	126	0.22
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	- ± -	1.36	-	-
Cadmium	mg/kg DM	5.14 ± 0.16	5.079 ± 0.215	0.514	98.8	-0.13
Chromium	mg/kg DM	384 ± 19.5	404.029 ± 58.619	46.1	105	0.17
Cobalt	mg/kg DM	69.6 ± 4.24	65.181 ± 22.521	9.75	93.6	-0.10
Copper	mg/kg DM	2610 ± 80.7	2401.211 ± 177.057	261	92	-0.57
Dry mass	%	97.9 ± 0.143	97.36 ± 0.06	1.47	99.5	-2.81
HC-Index	mg/kg DM	258 ± 51.7	- ± -	124	-	-
Lead	mg/kg DM	367 ± 14.2	383.916 ± 45.25	36.7	105	0.19
LOI (550°C)	% DM	5.08 ± 0.197	4.567 ± 0.094	0.508	90	-1.87
Mercury	mg/kg DM	0.0312 ± 0.00664	0.02 ± 0.012	0.00997	64.2	-0.45
Molybdenum	mg/kg DM	79.7 ± 3.49	85.404 ± 14.584	8.77	107	0.19
Nickel	mg/kg DM	319 ± 13.8	325.613 ± 70.857	35	102	0.05
Selenium	mg/kg DM	2.47 ± 0.315	<5.09 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	- ± -	5.63	-	-
Tin	mg/kg DM	168 ± 10.1	176.853 ± 21.792	23.5	105	0.20
TOC (as C)	mg/kg DM	17700 ± 817	- ± -	1950	-	-
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	76.05 ± 8.778	7.07	108	0.30
Zinc	mg/kg DM	3120 ± 73	3373.934 ± 193.686	312	108	0.65



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

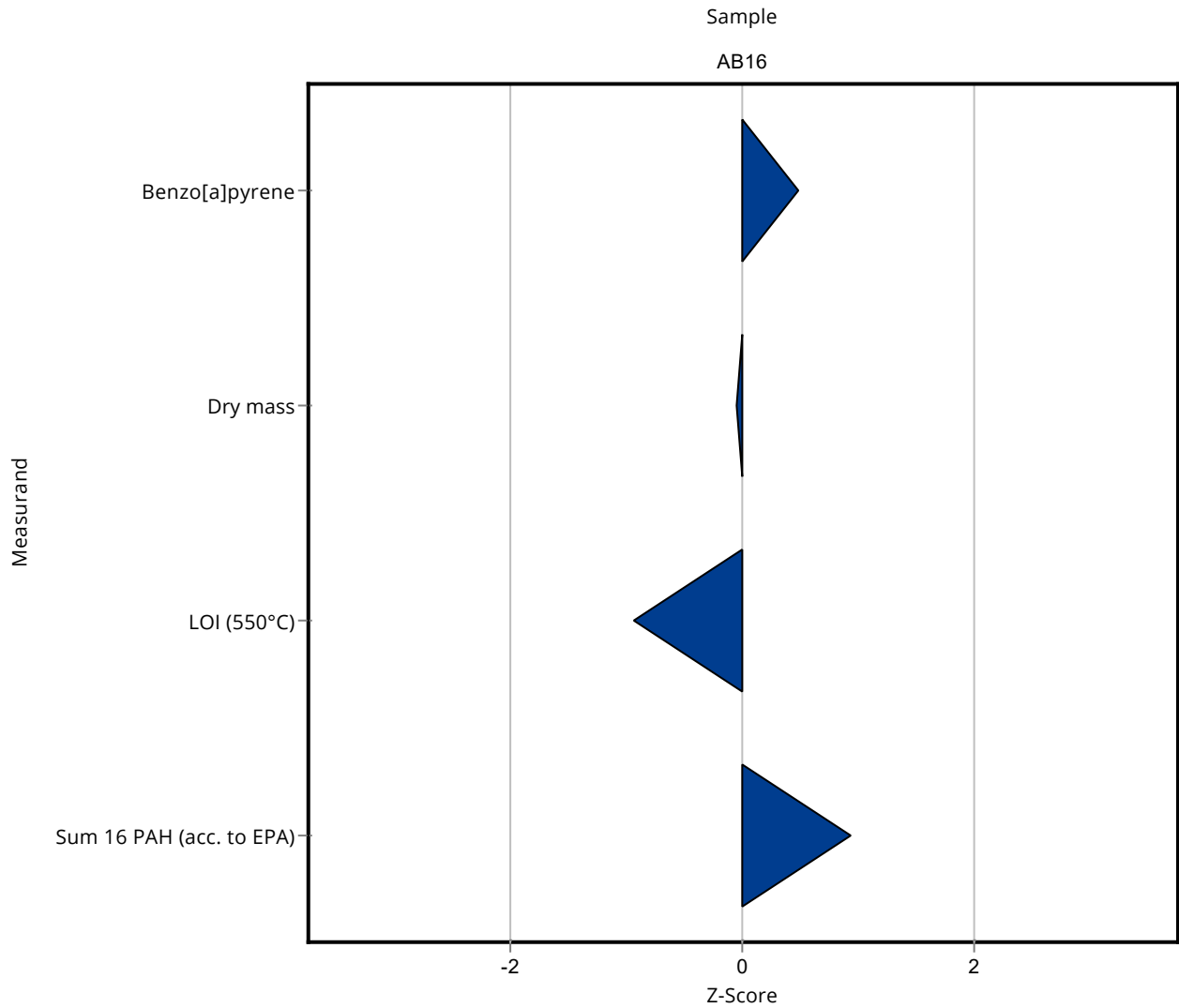
Labcode: LC0012

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.51 ± 0.959	1.36	113	0.48
Cadmium	mg/kg DM	5.14 ± 0.16	- ± -	0.514	-	-
Chromium	mg/kg DM	384 ± 19.5	- ± -	46.1	-	-
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	- ± -	261	-	-
Dry mass	%	97.9 ± 0.143	97.8 ± 0.978	1.47	99.9	-0.06
HC-Index	mg/kg DM	258 ± 51.7	- ± -	124	-	-
Lead	mg/kg DM	367 ± 14.2	- ± -	36.7	-	-
LOI (550°C)	% DM	5.08 ± 0.197	4.6 ± 0.184	0.508	90.6	-0.94
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	- ± -	35	-	-
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	38.3 ± 9.96	5.63	116	0.92
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	- ± -	1950	-	-
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	- ± -	312	-	-

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0012

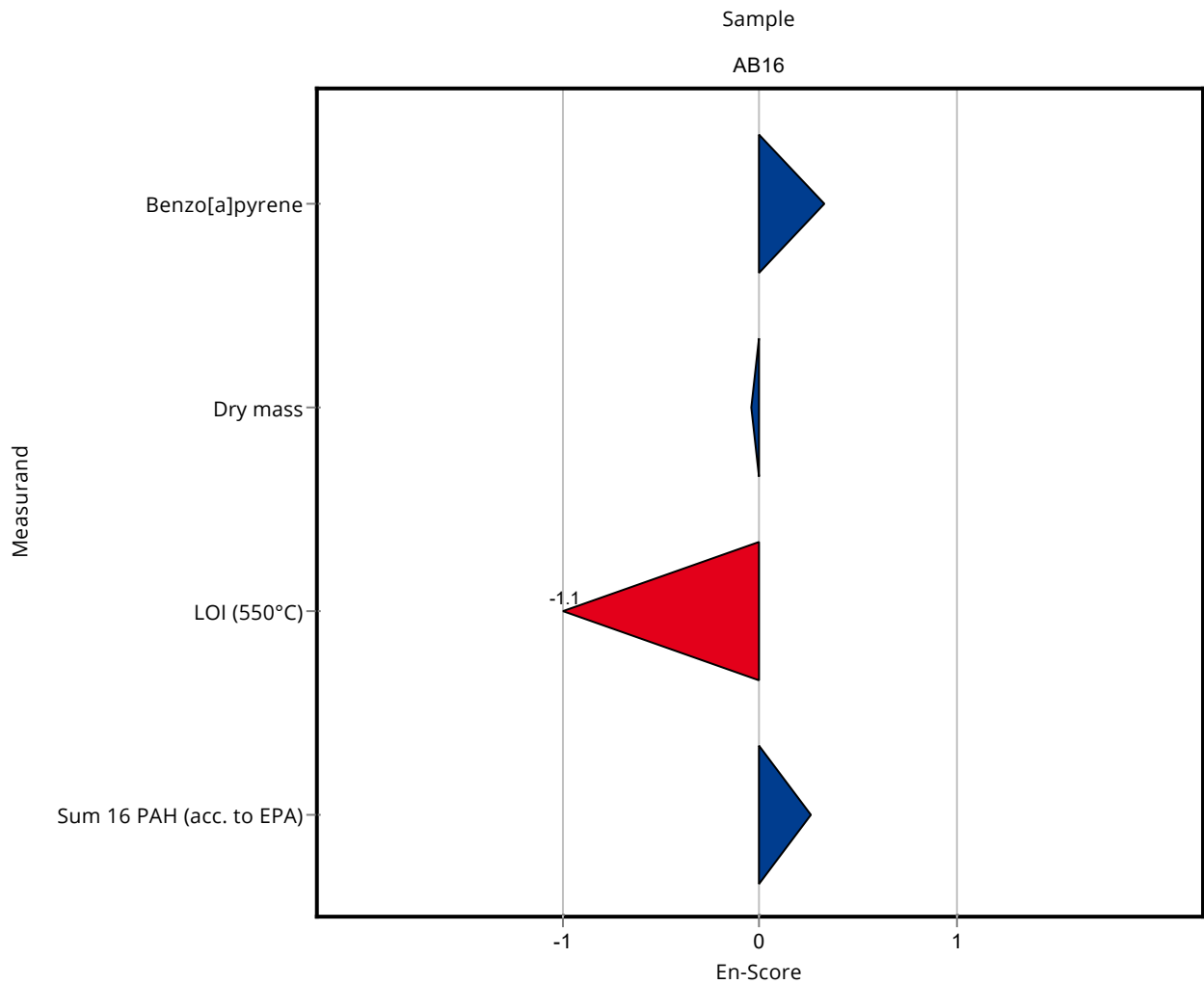


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0012

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.51 ± 0.959	1.36	113	0.33
Cadmium	mg/kg DM	5.14 ± 0.16	- ± -	0.514	-	-
Chromium	mg/kg DM	384 ± 19.5	- ± -	46.1	-	-
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	- ± -	261	-	-
Dry mass	%	97.9 ± 0.143	97.8 ± 0.978	1.47	99.9	-0.04
HC-Index	mg/kg DM	258 ± 51.7	- ± -	124	-	-
Lead	mg/kg DM	367 ± 14.2	- ± -	36.7	-	-
LOI (550°C)	% DM	5.08 ± 0.197	4.6 ± 0.184	0.508	90.6	-1.14
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	- ± -	35	-	-
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	38.3 ± 9.96	5.63	116	0.26
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	- ± -	1950	-	-
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	- ± -	312	-	-



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

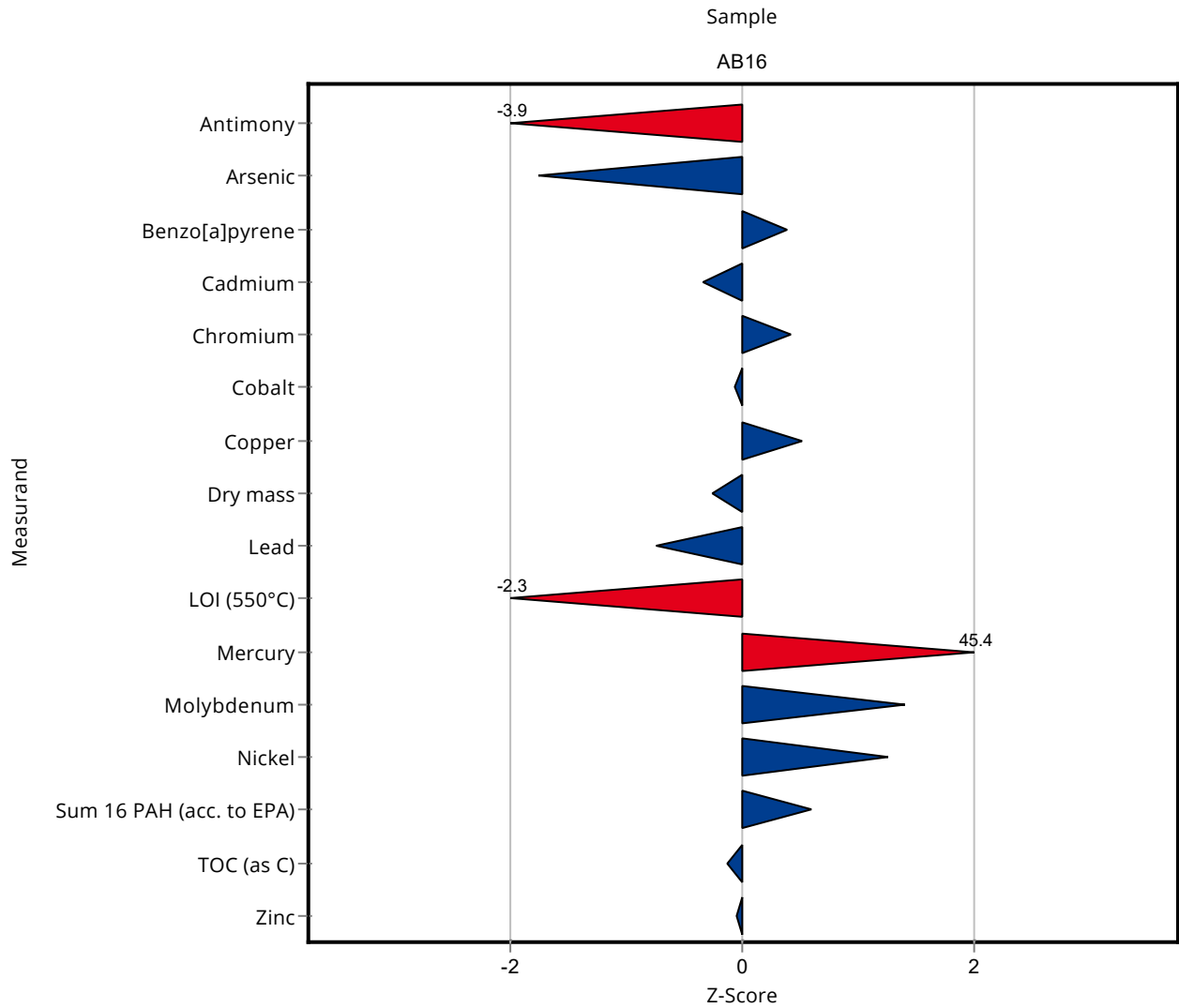
Labcode: LC0013

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	95.61 ± 28.68	18.4	57.2	-3.89
Arsenic	mg/kg DM	16.6 ± 1.64	9.58 ± 2.87	3.99	57.6	-1.77
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.36 ± 2.41	1.36	110	0.37
Cadmium	mg/kg DM	5.14 ± 0.16	4.96 ± 1.48	0.514	96.5	-0.35
Chromium	mg/kg DM	384 ± 19.5	403.1 ± 120.9	46.1	105	0.41
Cobalt	mg/kg DM	69.6 ± 4.24	68.97 ± 20.69	9.75	99.1	-0.07
Copper	mg/kg DM	2610 ± 80.7	2740 ± 82.2	261	105	0.50
Dry mass	%	97.9 ± 0.143	97.5 ± 4.87	1.47	99.6	-0.26
HC-Index	mg/kg DM	258 ± 51.7	- ± -	124	-	-
Lead	mg/kg DM	367 ± 14.2	339.2 ± 101.7	36.7	92.5	-0.75
LOI (550°C)	% DM	5.08 ± 0.197	3.91 ± 0.391	0.508	77	-2.30
Mercury	mg/kg DM	0.0312 ± 0.00664	0.484 ± 0.145	0.00997	1550	45.42
Molybdenum	mg/kg DM	79.7 ± 3.49	91.98 ± 27.59	8.77	115	1.40
Nickel	mg/kg DM	319 ± 13.8	362.1 ± 108.6	35	114	1.24
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	36.4 ± 16.3	5.63	110	0.58
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	17456 ± 2618	1950	98.5	-0.13
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	3102 ± 930.6	312	99.5	-0.05

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0013

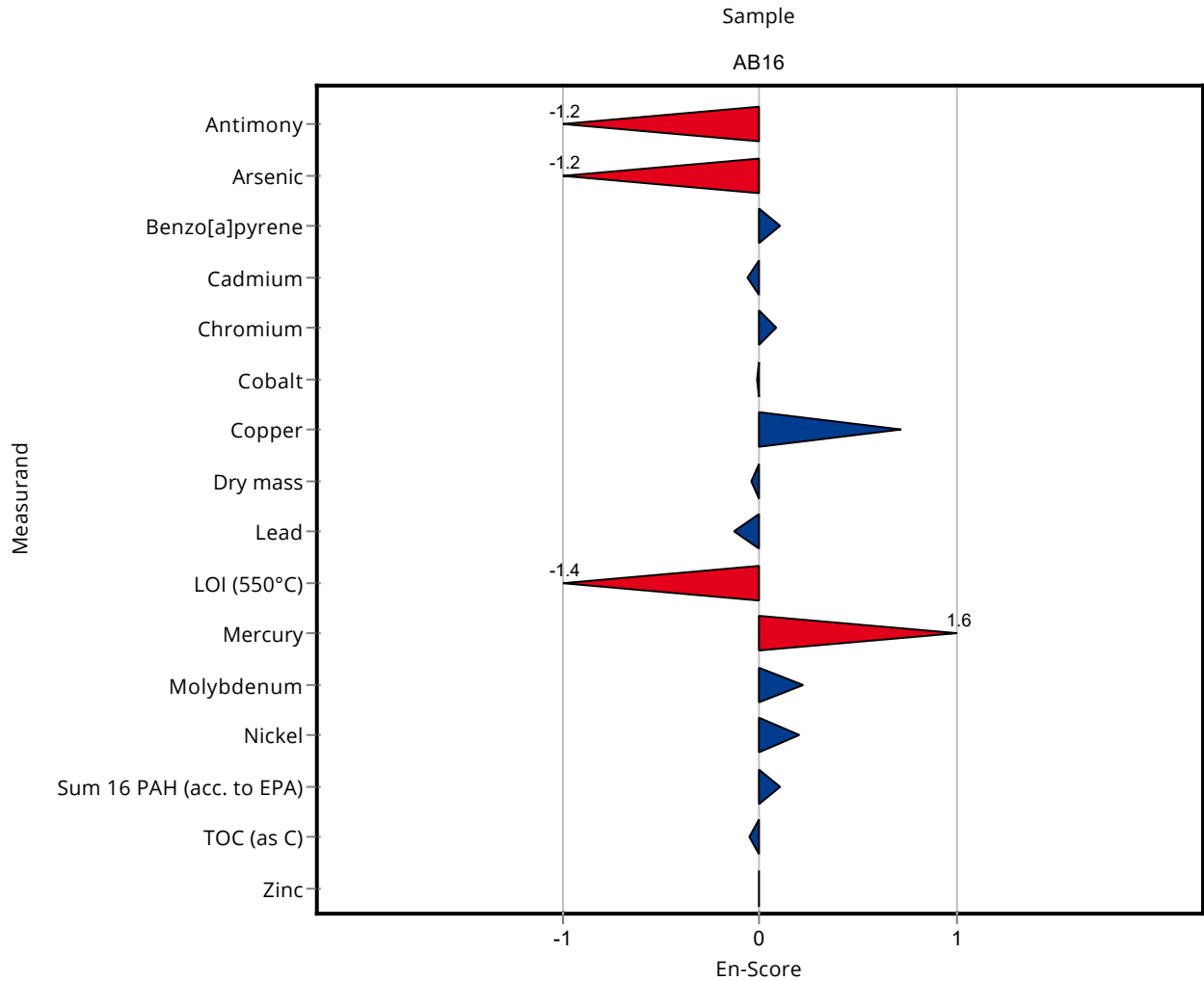


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0013

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	95.61 ± 28.68	18.4	57.2	-1.24
Arsenic	mg/kg DM	16.6 ± 1.64	9.58 ± 2.87	3.99	57.6	-1.18
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.36 ± 2.41	1.36	110	0.10
Cadmium	mg/kg DM	5.14 ± 0.16	4.96 ± 1.48	0.514	96.5	-0.06
Chromium	mg/kg DM	384 ± 19.5	403.1 ± 120.9	46.1	105	0.08
Cobalt	mg/kg DM	69.6 ± 4.24	68.97 ± 20.69	9.75	99.1	-0.02
Copper	mg/kg DM	2610 ± 80.7	2740 ± 82.2	261	105	0.71
Dry mass	%	97.9 ± 0.143	97.5 ± 4.87	1.47	99.6	-0.04
HC-Index	mg/kg DM	258 ± 51.7	- ± -	124	-	-
Lead	mg/kg DM	367 ± 14.2	339.2 ± 101.7	36.7	92.5	-0.14
LOI (550°C)	% DM	5.08 ± 0.197	3.91 ± 0.391	0.508	77	-1.45
Mercury	mg/kg DM	0.0312 ± 0.00664	0.484 ± 0.145	0.00997	1550	1.56
Molybdenum	mg/kg DM	79.7 ± 3.49	91.98 ± 27.59	8.77	115	0.22
Nickel	mg/kg DM	319 ± 13.8	362.1 ± 108.6	35	114	0.20
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	36.4 ± 16.3	5.63	110	0.10
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	17456 ± 2618	1950	98.5	-0.05
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	3102 ± 930.6	312	99.5	-0.01



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

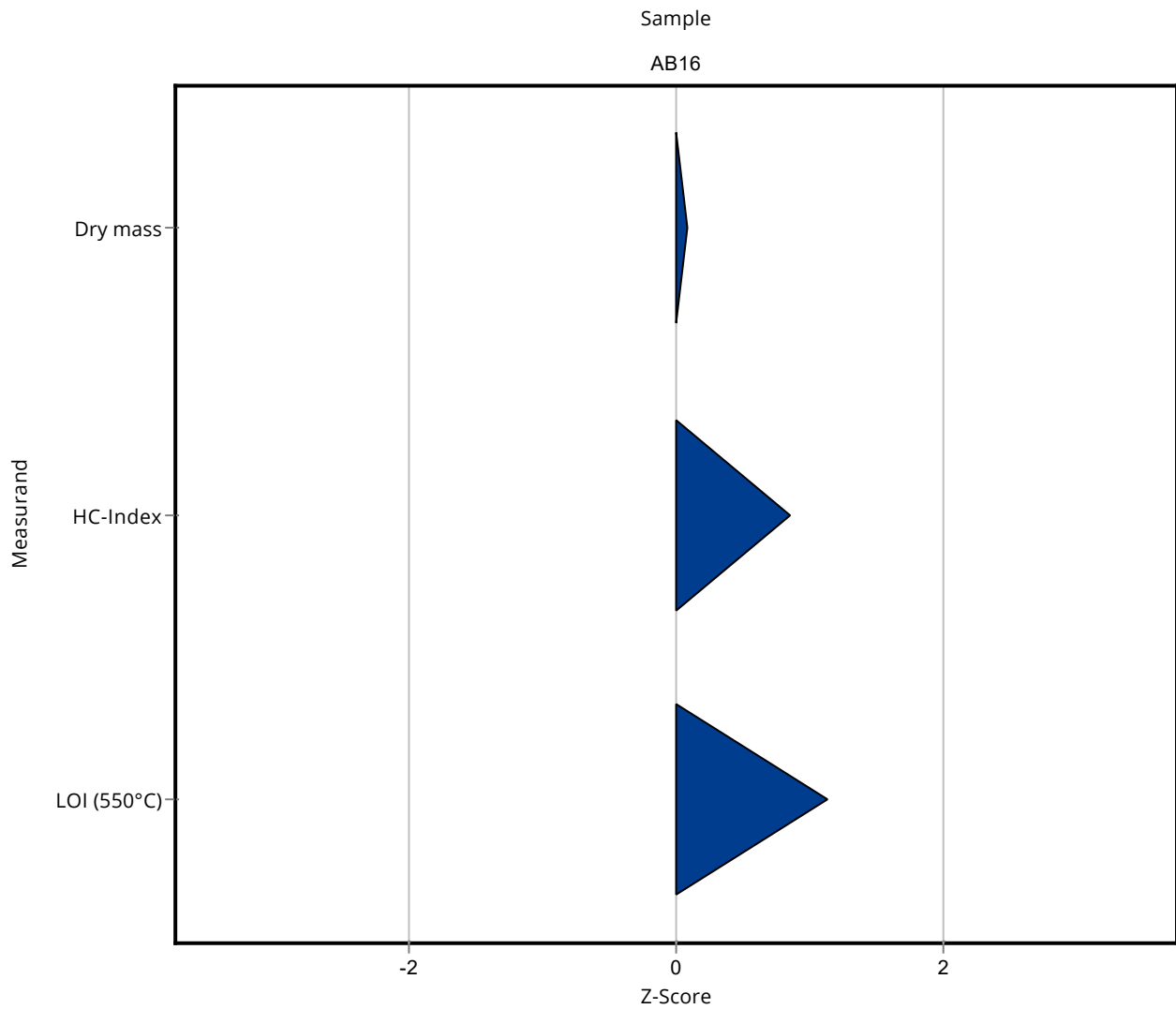
Labcode: LC0014

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	- ± -	1.36	-	-
Cadmium	mg/kg DM	5.14 ± 0.16	- ± -	0.514	-	-
Chromium	mg/kg DM	384 ± 19.5	- ± -	46.1	-	-
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	- ± -	261	-	-
Dry mass	%	97.9 ± 0.143	98 ± 3	1.47	100	0.08
HC-Index	mg/kg DM	258 ± 51.7	363.68 ± 84	124	141	0.86
Lead	mg/kg DM	367 ± 14.2	- ± -	36.7	-	-
LOI (550°C)	% DM	5.08 ± 0.197	5.65 ± 12	0.508	111	1.13
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	- ± -	35	-	-
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	- ± -	5.63	-	-
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	- ± -	1950	-	-
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	- ± -	312	-	-

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0014

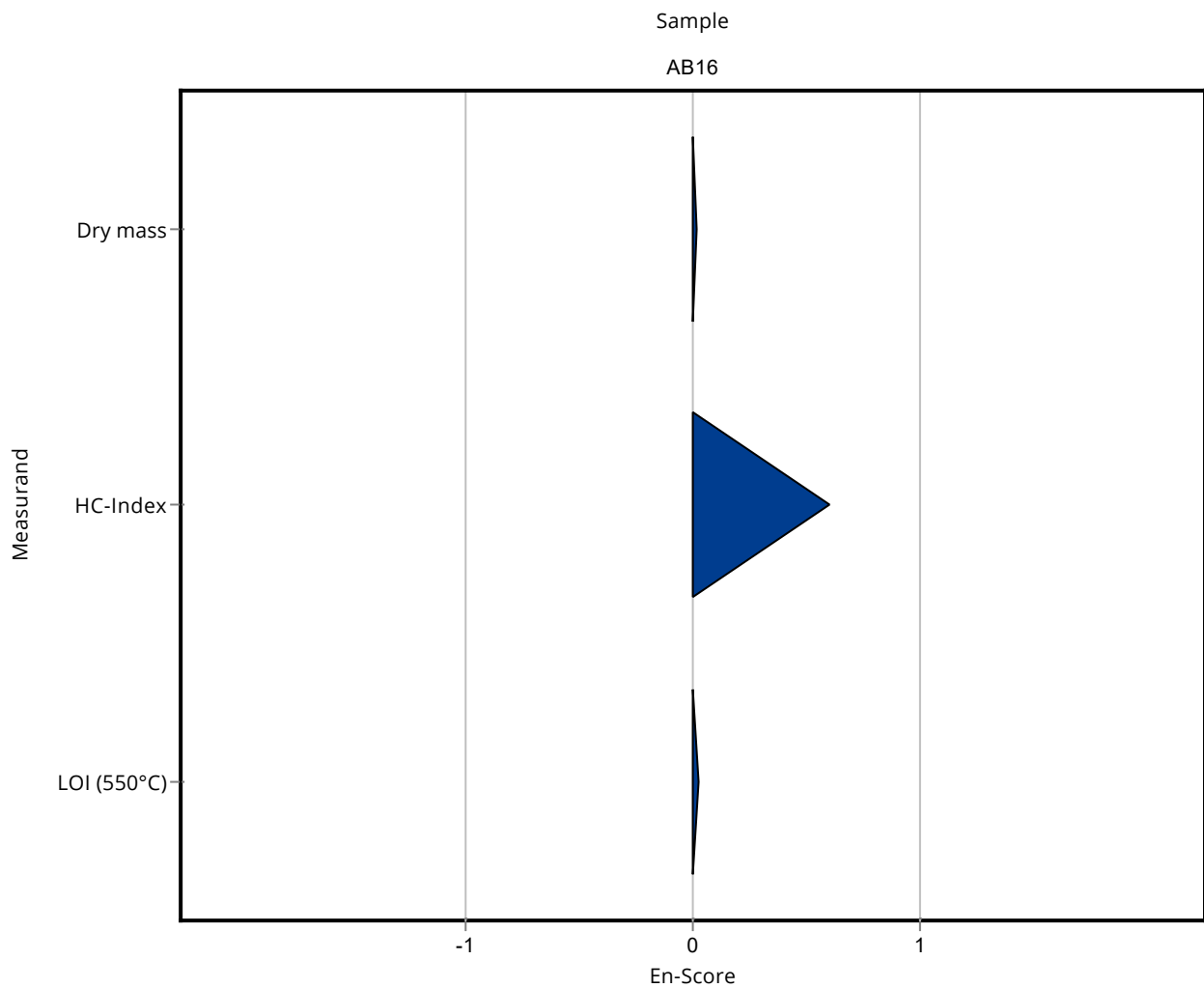


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0014

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	- ± -	1.36	-	-
Cadmium	mg/kg DM	5.14 ± 0.16	- ± -	0.514	-	-
Chromium	mg/kg DM	384 ± 19.5	- ± -	46.1	-	-
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	- ± -	261	-	-
Dry mass	%	97.9 ± 0.143	98 ± 3	1.47	100	0.02
HC-Index	mg/kg DM	258 ± 51.7	363.68 ± 84	124	141	0.60
Lead	mg/kg DM	367 ± 14.2	- ± -	36.7	-	-
LOI (550°C)	% DM	5.08 ± 0.197	5.65 ± 12	0.508	111	0.02
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	- ± -	35	-	-
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	- ± -	5.63	-	-
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	- ± -	1950	-	-
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	- ± -	312	-	-



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

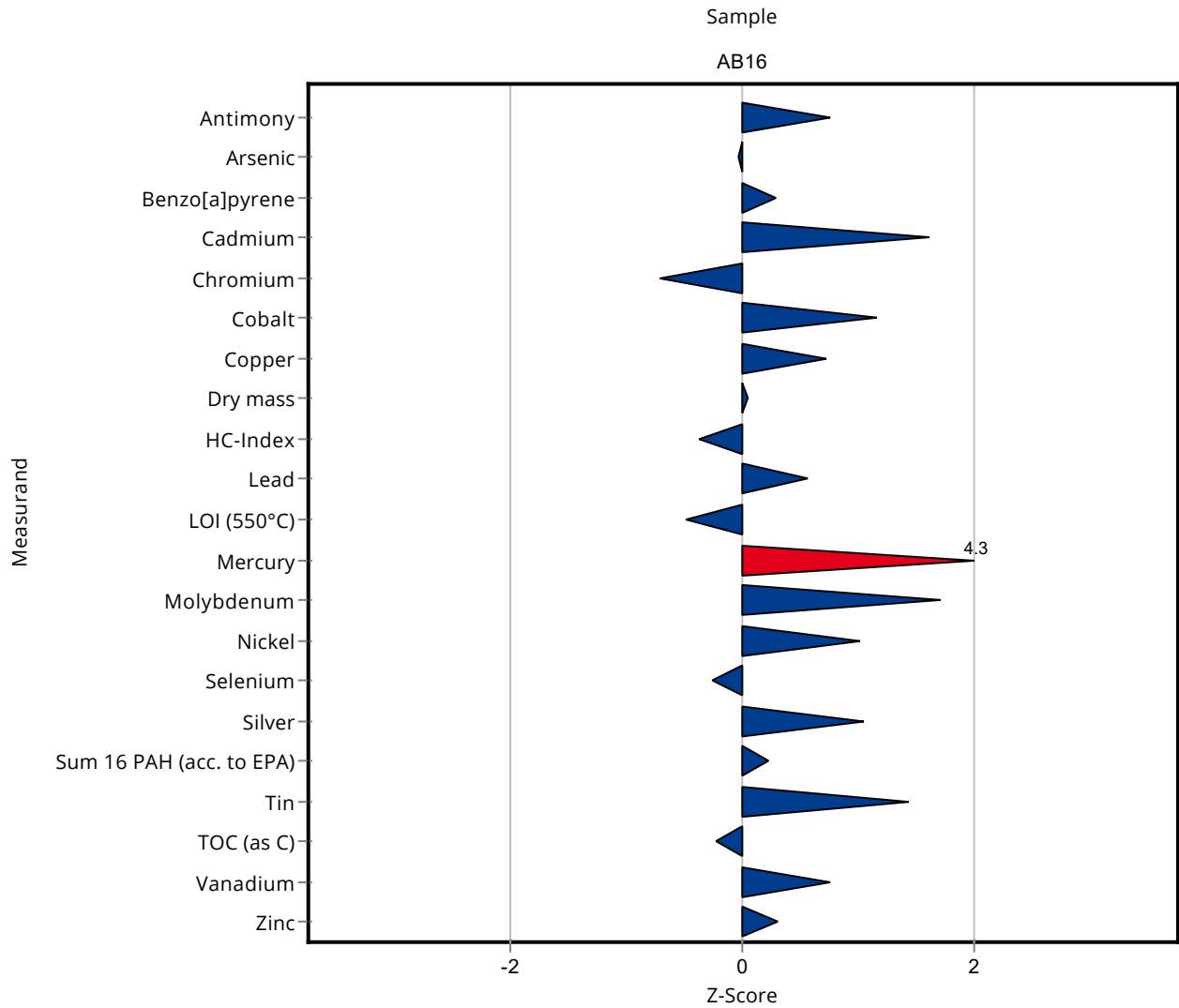
Labcode: LC0015

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	180.96 ± 13.9	18.4	108	0.75
Arsenic	mg/kg DM	16.6 ± 1.64	16.498 ± 2.21	3.99	99.1	-0.04
Barium	mg/kg DM	- ± -	3691.9 ± 515	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.23 ± 0.721	1.36	108	0.28
Cadmium	mg/kg DM	5.14 ± 0.16	5.96 ± 1.13	0.514	116	1.60
Chromium	mg/kg DM	384 ± 19.5	351.353 ± 46.2	46.1	91.5	-0.71
Cobalt	mg/kg DM	69.6 ± 4.24	80.796 ± 10.1	9.75	116	1.15
Copper	mg/kg DM	2610 ± 80.7	2798.162 ± 237	261	107	0.72
Dry mass	%	97.9 ± 0.143	97.95 ± 4.41	1.47	100	0.04
HC-Index	mg/kg DM	258 ± 51.7	211.41 ± 45.24	124	82.1	-0.37
Lead	mg/kg DM	367 ± 14.2	387.392 ± 49.4	36.7	106	0.56
LOI (550°C)	% DM	5.08 ± 0.197	4.83 ± 0.338	0.508	95.2	-0.48
Mercury	mg/kg DM	0.0312 ± 0.00664	0.074 ± 0.00823	0.00997	238	4.30
Molybdenum	mg/kg DM	79.7 ± 3.49	94.717 ± 12.9	8.77	119	1.71
Nickel	mg/kg DM	319 ± 13.8	353.905 ± 57.8	35	111	1.01
Selenium	mg/kg DM	2.47 ± 0.315	2.334 ± 0.259	0.52	94.3	-0.27
Silver	mg/kg DM	6.68 ± 0.673	8.073 ± 0.769	1.34	121	1.04
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	34.39 ± 10.317	5.63	104	0.23
Tin	mg/kg DM	168 ± 10.1	201.736 ± 51.4	23.5	120	1.43
TOC (as C)	mg/kg DM	17700 ± 817	17263.11 ± 368	1950	97.4	-0.23
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	76.023 ± 4.62	7.07	108	0.76
Zinc	mg/kg DM	3120 ± 73	3213.731 ± 287	312	103	0.30

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0015

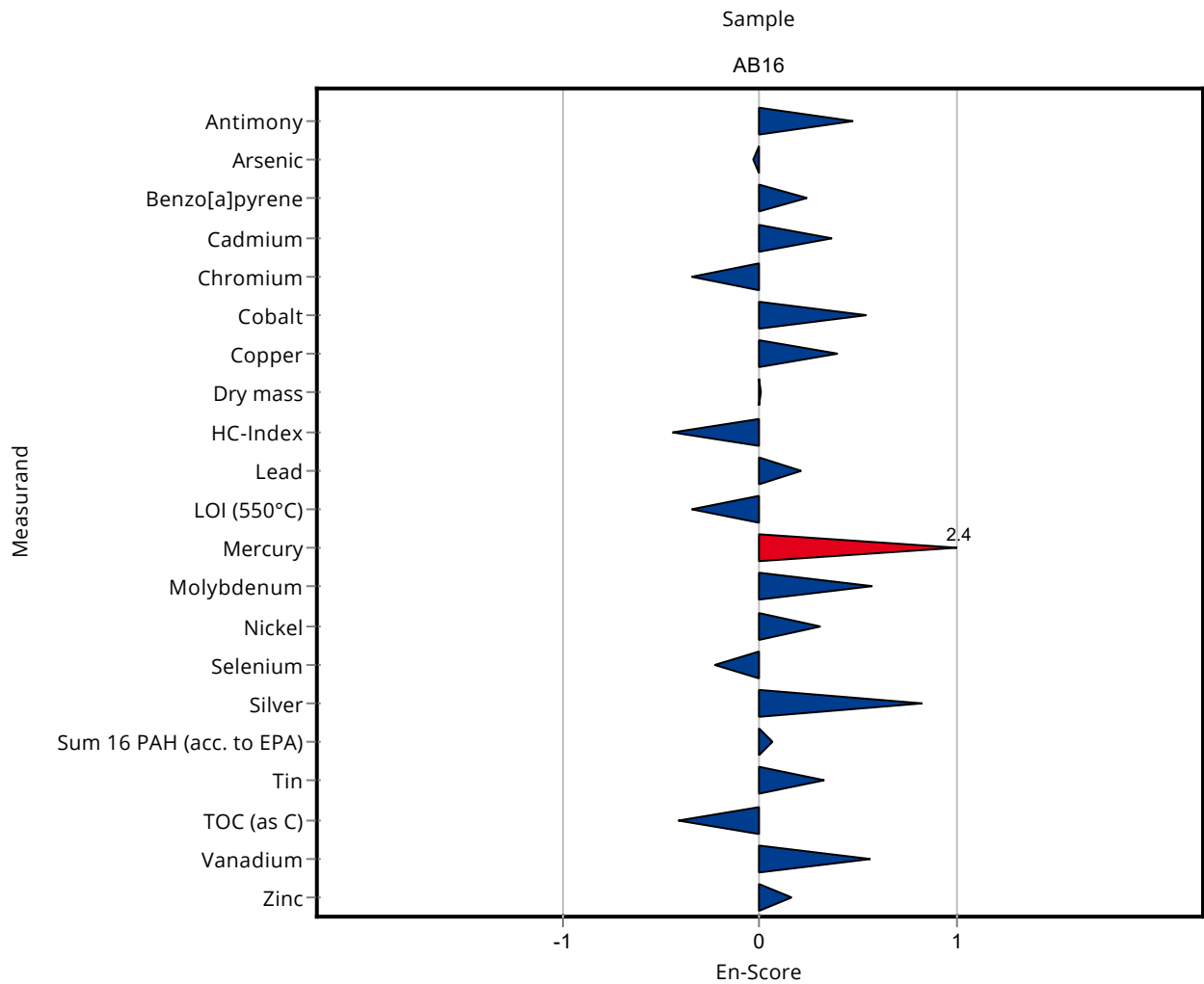


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0015

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	180.96 ± 13.9	18.4	108	0.48
Arsenic	mg/kg DM	16.6 ± 1.64	16.498 ± 2.21	3.99	99.1	-0.03
Barium	mg/kg DM	- ± -	3691.9 ± 515	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.23 ± 0.721	1.36	108	0.24
Cadmium	mg/kg DM	5.14 ± 0.16	5.96 ± 1.13	0.514	116	0.36
Chromium	mg/kg DM	384 ± 19.5	351.353 ± 46.2	46.1	91.5	-0.35
Cobalt	mg/kg DM	69.6 ± 4.24	80.796 ± 10.1	9.75	116	0.54
Copper	mg/kg DM	2610 ± 80.7	2798.162 ± 237	261	107	0.39
Dry mass	%	97.9 ± 0.143	97.95 ± 4.41	1.47	100	0.01
HC-Index	mg/kg DM	258 ± 51.7	211.41 ± 45.24	124	82.1	-0.44
Lead	mg/kg DM	367 ± 14.2	387.392 ± 49.4	36.7	106	0.21
LOI (550°C)	% DM	5.08 ± 0.197	4.83 ± 0.338	0.508	95.2	-0.35
Mercury	mg/kg DM	0.0312 ± 0.00664	0.074 ± 0.00823	0.00997	238	2.41
Molybdenum	mg/kg DM	79.7 ± 3.49	94.717 ± 12.9	8.77	119	0.58
Nickel	mg/kg DM	319 ± 13.8	353.905 ± 57.8	35	111	0.30
Selenium	mg/kg DM	2.47 ± 0.315	2.334 ± 0.259	0.52	94.3	-0.23
Silver	mg/kg DM	6.68 ± 0.673	8.073 ± 0.769	1.34	121	0.83
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	34.39 ± 10.317	5.63	104	0.06
Tin	mg/kg DM	168 ± 10.1	201.736 ± 51.4	23.5	120	0.33
TOC (as C)	mg/kg DM	17700 ± 817	17263.11 ± 368	1950	97.4	-0.41
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	76.023 ± 4.62	7.07	108	0.56
Zinc	mg/kg DM	3120 ± 73	3213.731 ± 287	312	103	0.16



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

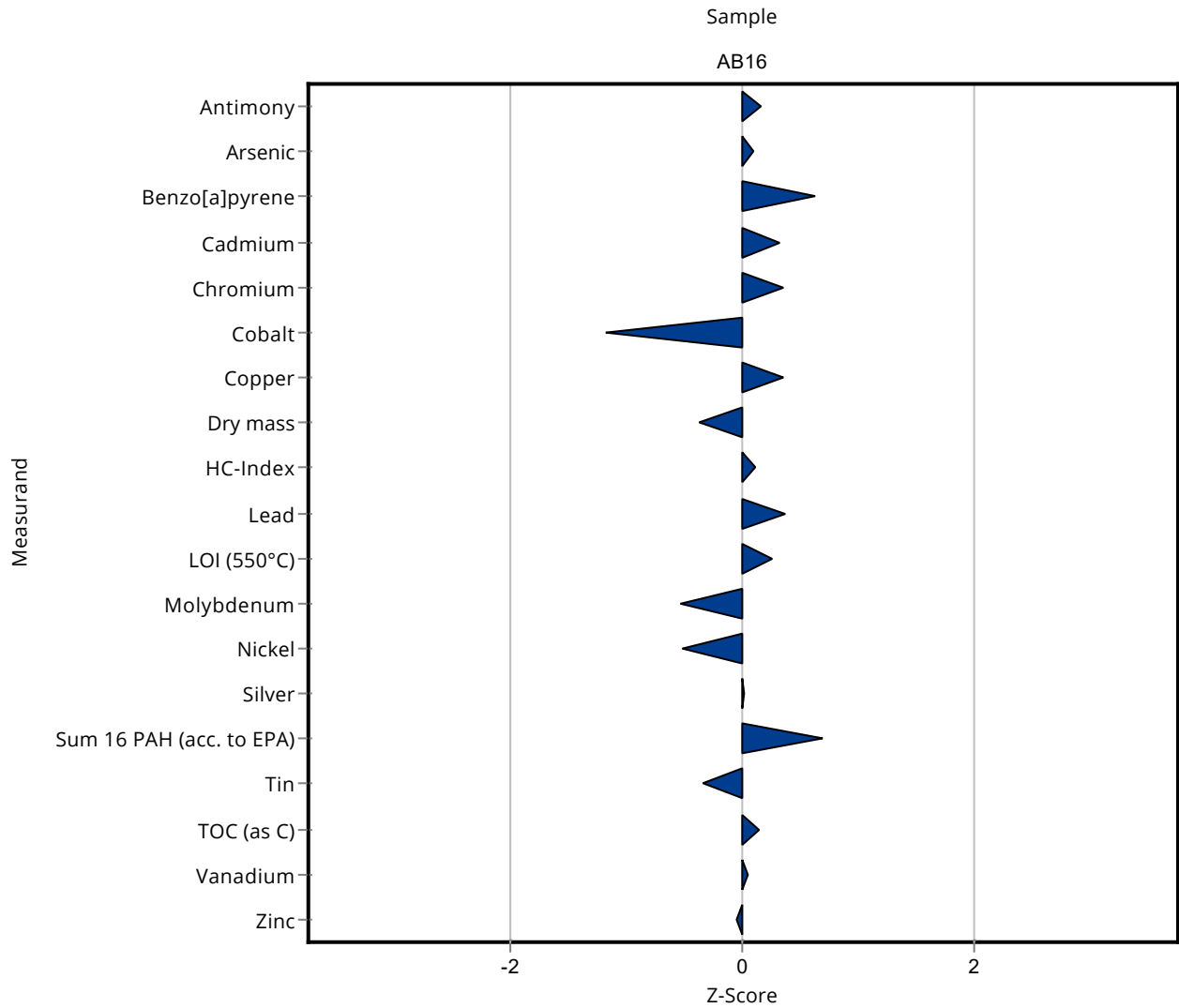
Labcode: LC0016

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	170 ± 17	18.4	102	0.15
Arsenic	mg/kg DM	16.6 ± 1.64	17 ± 1.7	3.99	102	0.09
Barium	mg/kg DM	- ± -	4700 ± 470	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.7 ± 0.57	1.36	117	0.62
Cadmium	mg/kg DM	5.14 ± 0.16	5.3 ± 0.053	0.514	103	0.31
Chromium	mg/kg DM	384 ± 19.5	400 ± 40	46.1	104	0.35
Cobalt	mg/kg DM	69.6 ± 4.24	58 ± 5.8	9.75	83.3	-1.19
Copper	mg/kg DM	2610 ± 80.7	2700 ± 270	261	103	0.35
Dry mass	%	97.9 ± 0.143	97.32 ± 0.5	1.47	99.4	-0.39
HC-Index	mg/kg DM	258 ± 51.7	270 ± 27	124	105	0.10
Lead	mg/kg DM	367 ± 14.2	380 ± 38	36.7	104	0.36
LOI (550°C)	% DM	5.08 ± 0.197	5.2 ± 0.52	0.508	102	0.24
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.05 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	75 ± 7.5	8.77	94.1	-0.54
Nickel	mg/kg DM	319 ± 13.8	300 ± 30	35	94.2	-0.53
Selenium	mg/kg DM	2.47 ± 0.315	<5 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	6.7 ± 0.67	1.34	100	0.01
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	37 ± 3.7	5.63	112	0.69
Tin	mg/kg DM	168 ± 10.1	160 ± 16	23.5	95.2	-0.34
TOC (as C)	mg/kg DM	17700 ± 817	18000 ± 1800	1950	102	0.14
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	71 ± 7.1	7.07	100	0.05
Zinc	mg/kg DM	3120 ± 73	3100 ± 310	312	99.4	-0.06

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0016

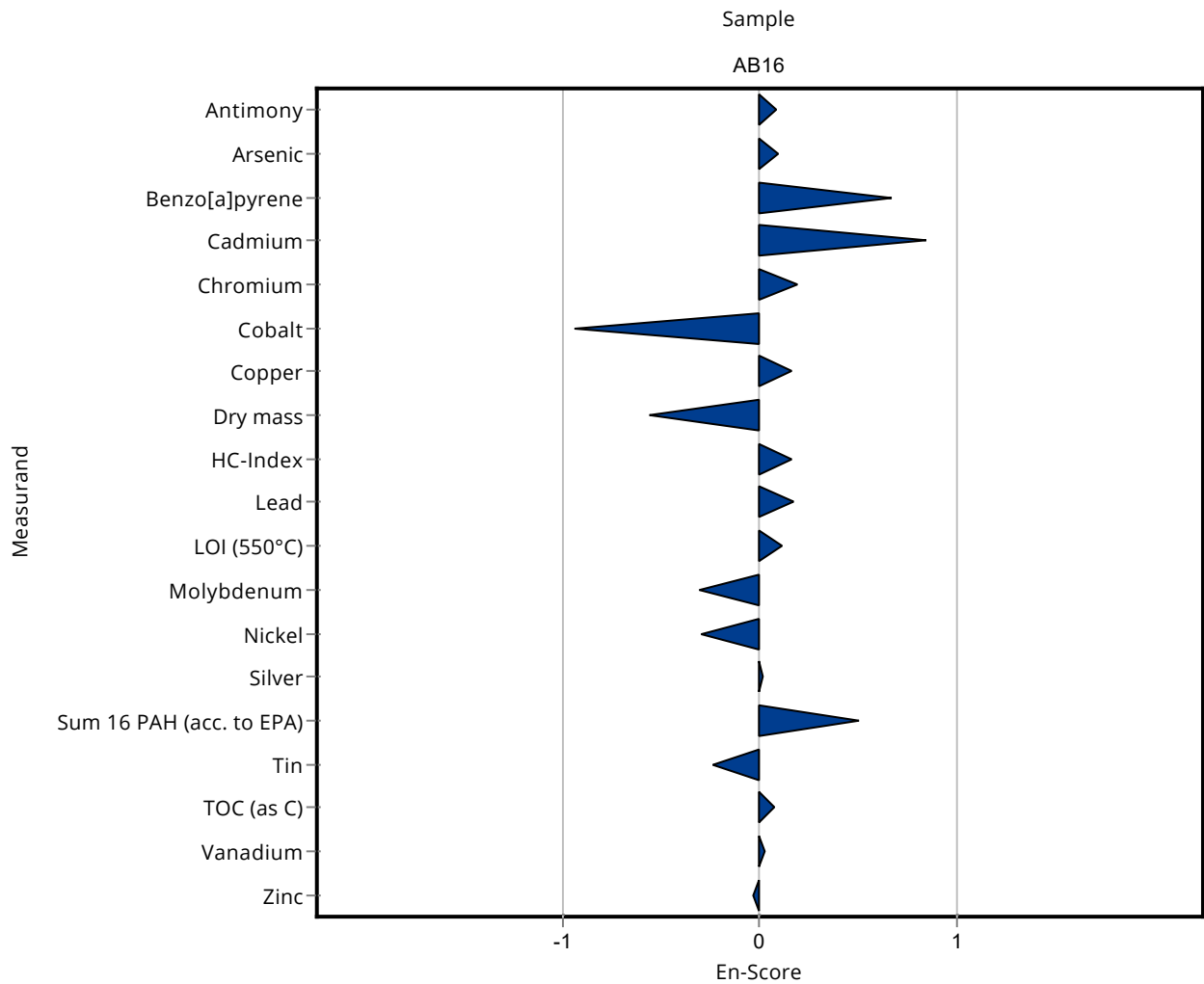


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0016

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	170 ± 17	18.4	102	0.08
Arsenic	mg/kg DM	16.6 ± 1.64	17 ± 1.7	3.99	102	0.10
Barium	mg/kg DM	- ± -	4700 ± 470	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.7 ± 0.57	1.36	117	0.67
Cadmium	mg/kg DM	5.14 ± 0.16	5.3 ± 0.053	0.514	103	0.84
Chromium	mg/kg DM	384 ± 19.5	400 ± 40	46.1	104	0.19
Cobalt	mg/kg DM	69.6 ± 4.24	58 ± 5.8	9.75	83.3	-0.94
Copper	mg/kg DM	2610 ± 80.7	2700 ± 270	261	103	0.17
Dry mass	%	97.9 ± 0.143	97.32 ± 0.5	1.47	99.4	-0.56
HC-Index	mg/kg DM	258 ± 51.7	270 ± 27	124	105	0.17
Lead	mg/kg DM	367 ± 14.2	380 ± 38	36.7	104	0.17
LOI (550°C)	% DM	5.08 ± 0.197	5.2 ± 0.52	0.508	102	0.12
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.05 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	75 ± 7.5	8.77	94.1	-0.31
Nickel	mg/kg DM	319 ± 13.8	300 ± 30	35	94.2	-0.30
Selenium	mg/kg DM	2.47 ± 0.315	<5 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	6.7 ± 0.67	1.34	100	0.01
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	37 ± 3.7	5.63	112	0.50
Tin	mg/kg DM	168 ± 10.1	160 ± 16	23.5	95.2	-0.24
TOC (as C)	mg/kg DM	17700 ± 817	18000 ± 1800	1950	102	0.08
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	71 ± 7.1	7.07	100	0.02
Zinc	mg/kg DM	3120 ± 73	3100 ± 310	312	99.4	-0.03



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

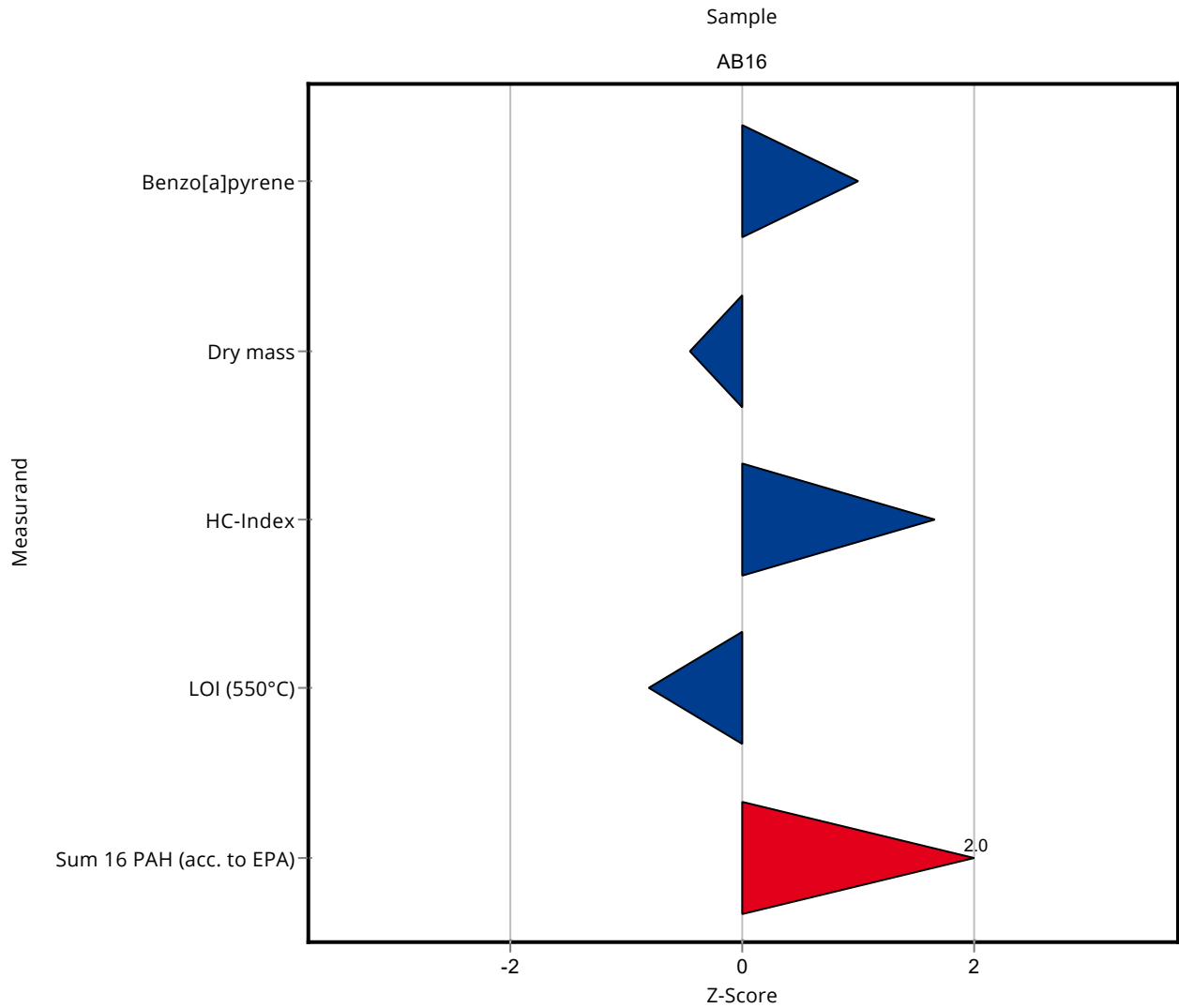
Labcode: LC0017

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	6.21 ± 1.73	1.36	128	1.00
Cadmium	mg/kg DM	5.14 ± 0.16	- ± -	0.514	-	-
Chromium	mg/kg DM	384 ± 19.5	- ± -	46.1	-	-
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	- ± -	261	-	-
Dry mass	%	97.9 ± 0.143	97.2 ± 0.3	1.47	99.3	-0.47
HC-Index	mg/kg DM	258 ± 51.7	463 ± 83	124	180	1.66
Lead	mg/kg DM	367 ± 14.2	- ± -	36.7	-	-
LOI (550°C)	% DM	5.08 ± 0.197	4.66 ± 0.5	0.508	91.8	-0.82
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	- ± -	35	-	-
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	44.6 ± 5.35	5.63	135	2.04
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	- ± -	1950	-	-
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	- ± -	312	-	-

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0017

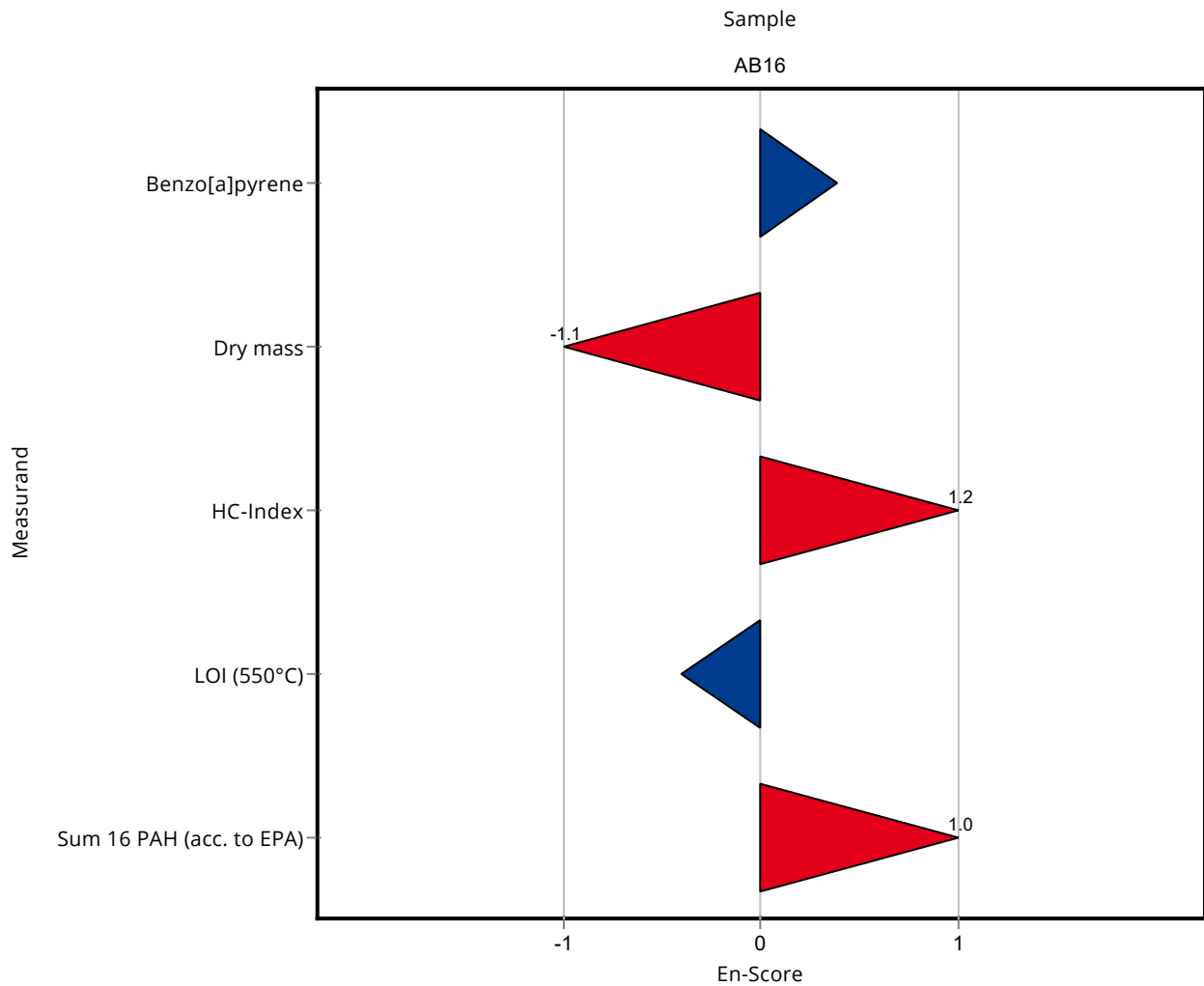


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0017

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	6.21 ± 1.73	1.36	128	0.39
Cadmium	mg/kg DM	5.14 ± 0.16	- ± -	0.514	-	-
Chromium	mg/kg DM	384 ± 19.5	- ± -	46.1	-	-
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	- ± -	261	-	-
Dry mass	%	97.9 ± 0.143	97.2 ± 0.3	1.47	99.3	-1.11
HC-Index	mg/kg DM	258 ± 51.7	463 ± 83	124	180	1.18
Lead	mg/kg DM	367 ± 14.2	- ± -	36.7	-	-
LOI (550°C)	% DM	5.08 ± 0.197	4.66 ± 0.5	0.508	91.8	-0.41
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	- ± -	35	-	-
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	44.6 ± 5.35	5.63	135	1.05
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	- ± -	1950	-	-
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	- ± -	312	-	-



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

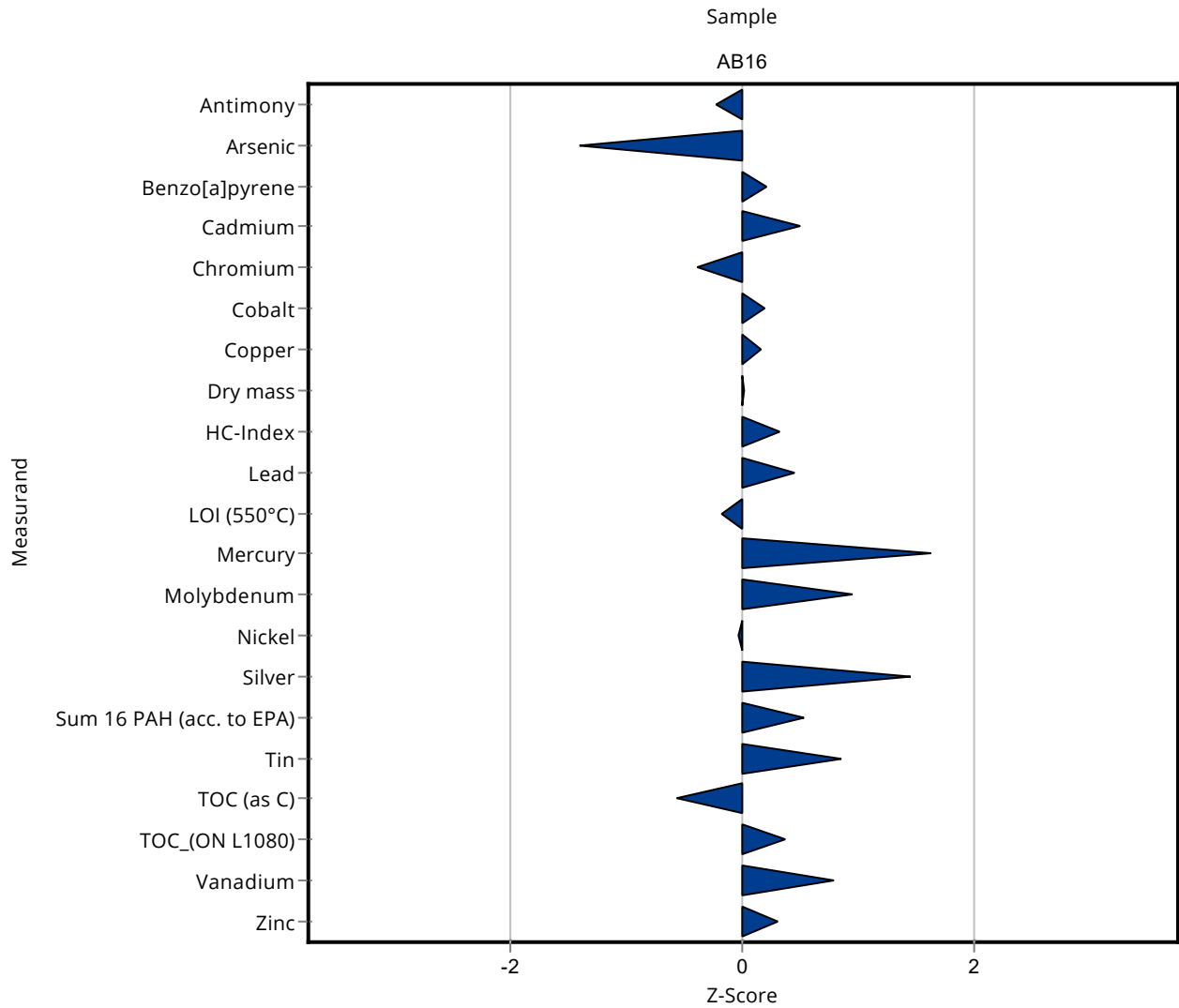
Labcode: LC0018

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	163 ± 9.1	18.4	97.5	-0.23
Arsenic	mg/kg DM	16.6 ± 1.64	11 ± 0.73	3.99	66.1	-1.41
Barium	mg/kg DM	- ± -	938 ± 107	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.14 ± 0.25	1.36	106	0.21
Cadmium	mg/kg DM	5.14 ± 0.16	5.39 ± 0.11	0.514	105	0.49
Chromium	mg/kg DM	384 ± 19.5	366 ± 14	46.1	95.3	-0.39
Cobalt	mg/kg DM	69.6 ± 4.24	71.4 ± 5.1	9.75	103	0.18
Copper	mg/kg DM	2610 ± 80.7	2650 ± 133	261	102	0.16
Dry mass	%	97.9 ± 0.143	97.9 ± 0.058	1.47	100	0.01
HC-Index	mg/kg DM	258 ± 51.7	296 ± 29	124	115	0.31
Lead	mg/kg DM	367 ± 14.2	383 ± 16	36.7	104	0.44
LOI (550°C)	% DM	5.08 ± 0.197	4.98 ± 0.21	0.508	98.1	-0.19
Mercury	mg/kg DM	0.0312 ± 0.00664	0.0473 ± 0.003	0.00997	152	1.62
Molybdenum	mg/kg DM	79.7 ± 3.49	88 ± 4.8	8.77	110	0.94
Nickel	mg/kg DM	319 ± 13.8	317 ± 12	35	99.5	-0.04
Selenium	mg/kg DM	2.47 ± 0.315	<5 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	8.62 ± 0.33	1.34	129	1.45
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	36.1 ± 1.8	5.63	109	0.53
Tin	mg/kg DM	168 ± 10.1	188 ± 3	23.5	112	0.85
TOC (as C)	mg/kg DM	17700 ± 817	16600 ± 353	1950	93.7	-0.57
TOC_(ON L1080)	% DM	2.24 ± 0.509	2.48 ± 0.22	0.65	111	0.37
Vanadium	mg/kg DM	70.7 ± 2.57	76.2 ± 1.5	7.07	108	0.78
Zinc	mg/kg DM	3120 ± 73	3210 ± 104	312	103	0.29

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0018

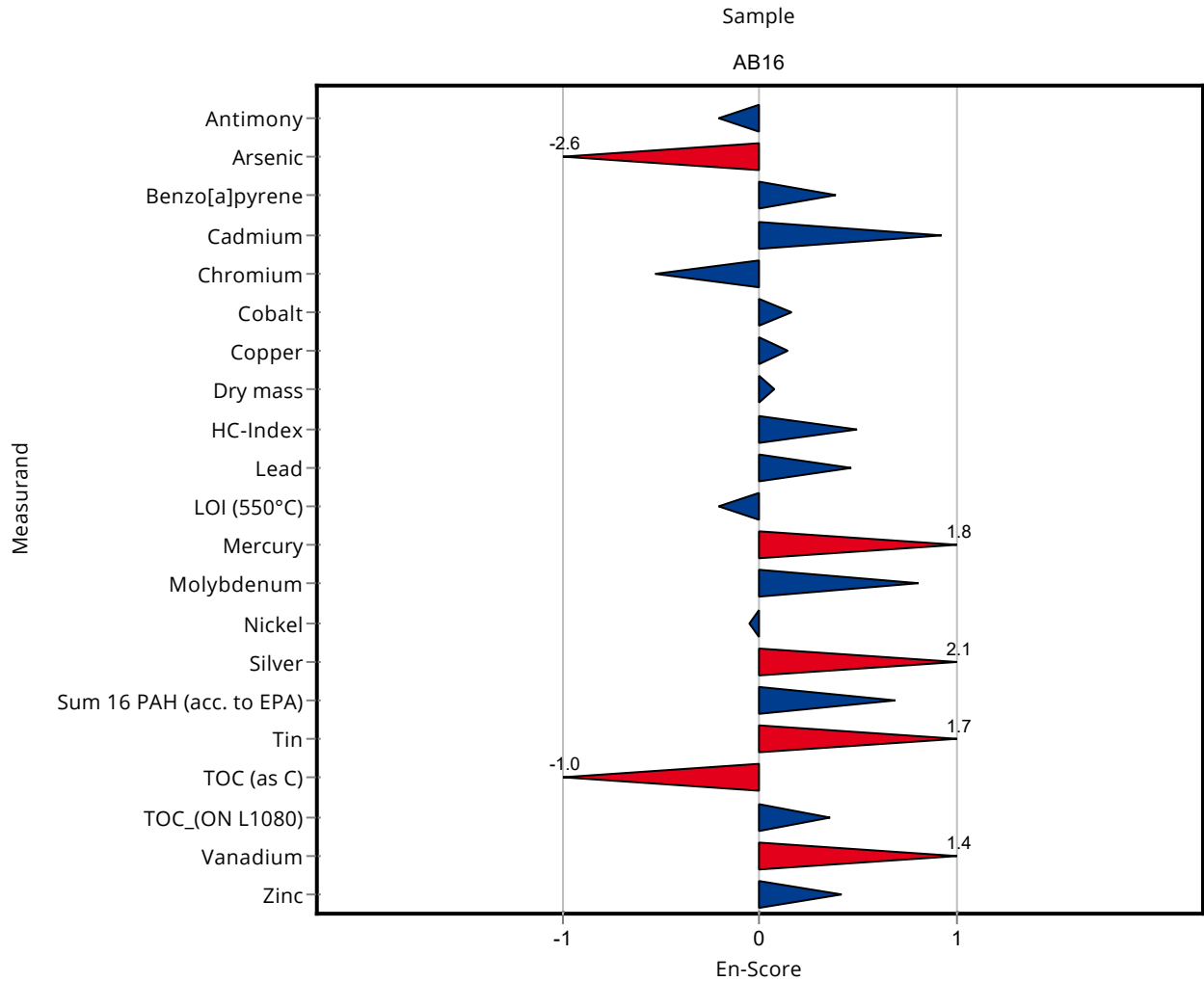


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0018

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	163 ± 9.1	18.4	97.5	-0.21
Arsenic	mg/kg DM	16.6 ± 1.64	11 ± 0.73	3.99	66.1	-2.57
Barium	mg/kg DM	- ± -	938 ± 107	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.14 ± 0.25	1.36	106	0.39
Cadmium	mg/kg DM	5.14 ± 0.16	5.39 ± 0.11	0.514	105	0.92
Chromium	mg/kg DM	384 ± 19.5	366 ± 14	46.1	95.3	-0.53
Cobalt	mg/kg DM	69.6 ± 4.24	71.4 ± 5.1	9.75	103	0.16
Copper	mg/kg DM	2610 ± 80.7	2650 ± 133	261	102	0.15
Dry mass	%	97.9 ± 0.143	97.9 ± 0.058	1.47	100	0.08
HC-Index	mg/kg DM	258 ± 51.7	296 ± 29	124	115	0.49
Lead	mg/kg DM	367 ± 14.2	383 ± 16	36.7	104	0.46
LOI (550°C)	% DM	5.08 ± 0.197	4.98 ± 0.21	0.508	98.1	-0.21
Mercury	mg/kg DM	0.0312 ± 0.00664	0.0473 ± 0.003	0.00997	152	1.80
Molybdenum	mg/kg DM	79.7 ± 3.49	88 ± 4.8	8.77	110	0.81
Nickel	mg/kg DM	319 ± 13.8	317 ± 12	35	99.5	-0.06
Selenium	mg/kg DM	2.47 ± 0.315	<5 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	8.62 ± 0.33	1.34	129	2.05
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	36.1 ± 1.8	5.63	109	0.69
Tin	mg/kg DM	168 ± 10.1	188 ± 3	23.5	112	1.70
TOC (as C)	mg/kg DM	17700 ± 817	16600 ± 353	1950	93.7	-1.04
TOC_(ON L1080)	% DM	2.24 ± 0.509	2.48 ± 0.22	0.65	111	0.36
Vanadium	mg/kg DM	70.7 ± 2.57	76.2 ± 1.5	7.07	108	1.40
Zinc	mg/kg DM	3120 ± 73	3210 ± 104	312	103	0.41



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

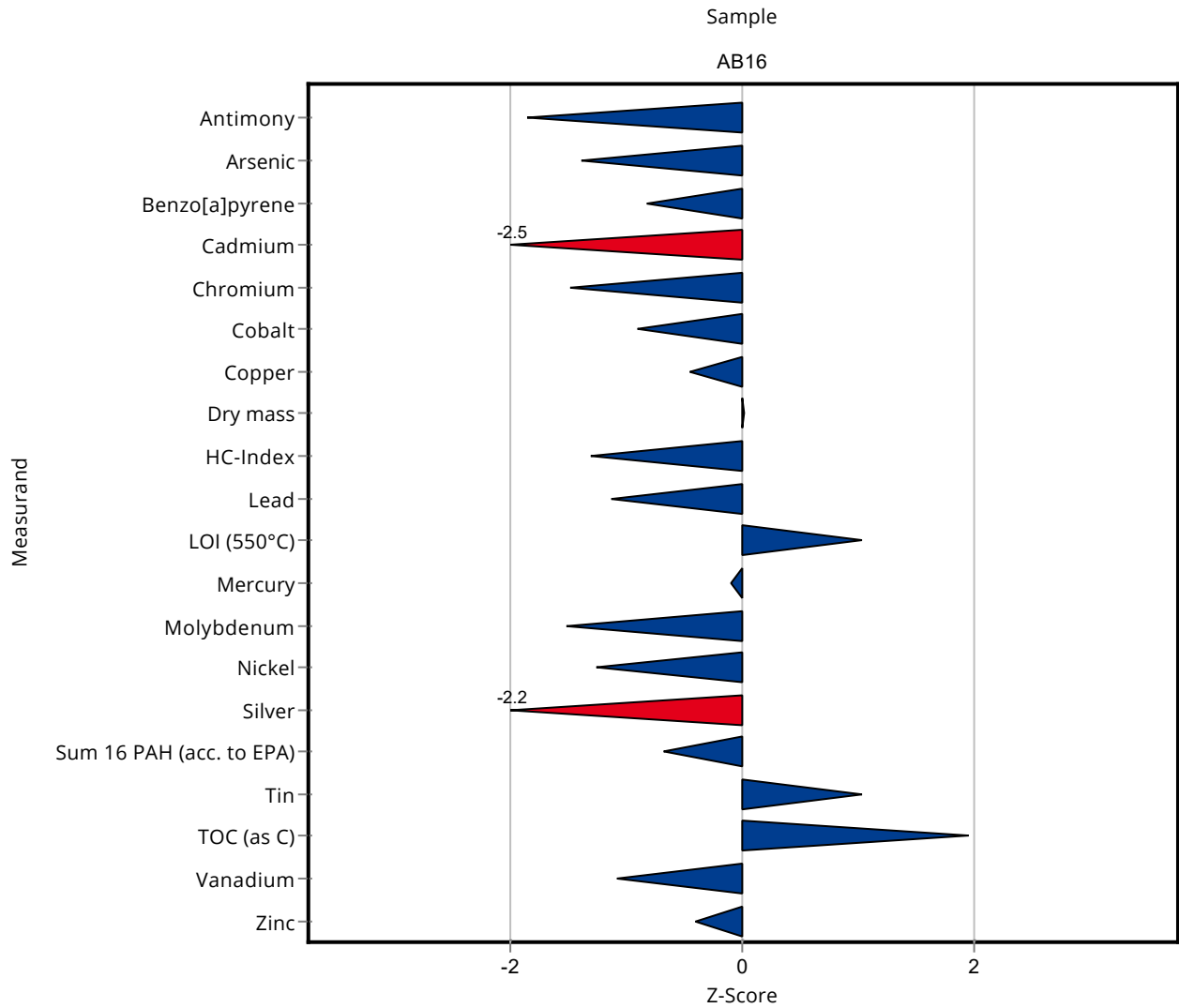
Labcode: LC0019

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	133 ± 27	18.4	79.5	-1.86
Arsenic	mg/kg DM	16.6 ± 1.64	11.1 ± 2.2	3.99	66.7	-1.39
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.72 ± 0.74	1.36	76.6	-0.83
Cadmium	mg/kg DM	5.14 ± 0.16	3.85 ± 0.77	0.514	74.9	-2.51
Chromium	mg/kg DM	384 ± 19.5	315 ± 63	46.1	82	-1.50
Cobalt	mg/kg DM	69.6 ± 4.24	60.8 ± 12.2	9.75	87.3	-0.91
Copper	mg/kg DM	2610 ± 80.7	2490 ± 498	261	95.4	-0.46
Dry mass	%	97.9 ± 0.143	97.9 ± 0.5	1.47	100	0.01
HC-Index	mg/kg DM	258 ± 51.7	94.8 ± 19	124	36.8	-1.32
Lead	mg/kg DM	367 ± 14.2	325 ± 65	36.7	88.6	-1.14
LOI (550°C)	% DM	5.08 ± 0.197	5.6 ± 0.56	0.508	110	1.03
Mercury	mg/kg DM	0.0312 ± 0.00664	0.0301 ± 0.006	0.00997	96.6	-0.11
Molybdenum	mg/kg DM	79.7 ± 3.49	66.4 ± 13.3	8.77	83.3	-1.52
Nickel	mg/kg DM	319 ± 13.8	274 ± 55	35	86	-1.27
Selenium	mg/kg DM	2.47 ± 0.315	<1.25 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	3.78 ± 0.76	1.34	56.5	-2.17
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	29.3 ± 5.9	5.63	88.5	-0.68
Tin	mg/kg DM	168 ± 10.1	192 ± 38	23.5	114	1.02
TOC (as C)	mg/kg DM	17700 ± 817	21500 ± 3200	1950	121	1.94
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	63 ± 12.6	7.07	89.2	-1.08
Zinc	mg/kg DM	3120 ± 73	2990 ± 600	312	95.9	-0.41

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0019

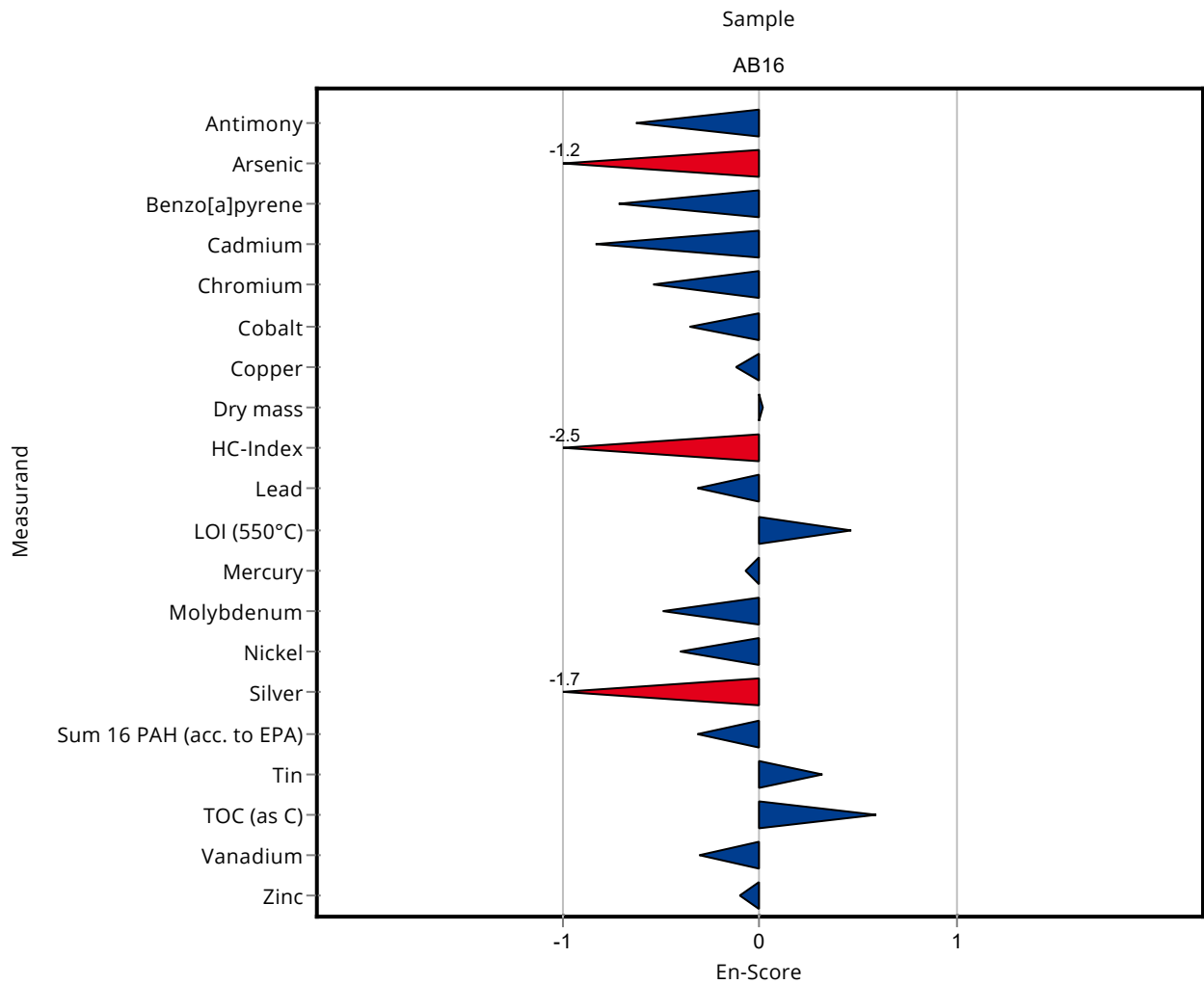


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0019

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	133 ± 27	18.4	79.5	-0.63
Arsenic	mg/kg DM	16.6 ± 1.64	11.1 ± 2.2	3.99	66.7	-1.18
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.72 ± 0.74	1.36	76.6	-0.72
Cadmium	mg/kg DM	5.14 ± 0.16	3.85 ± 0.77	0.514	74.9	-0.83
Chromium	mg/kg DM	384 ± 19.5	315 ± 63	46.1	82	-0.54
Cobalt	mg/kg DM	69.6 ± 4.24	60.8 ± 12.2	9.75	87.3	-0.36
Copper	mg/kg DM	2610 ± 80.7	2490 ± 498	261	95.4	-0.12
Dry mass	%	97.9 ± 0.143	97.9 ± 0.5	1.47	100	0.01
HC-Index	mg/kg DM	258 ± 51.7	94.8 ± 19	124	36.8	-2.54
Lead	mg/kg DM	367 ± 14.2	325 ± 65	36.7	88.6	-0.32
LOI (550°C)	% DM	5.08 ± 0.197	5.6 ± 0.56	0.508	110	0.46
Mercury	mg/kg DM	0.0312 ± 0.00664	0.0301 ± 0.006	0.00997	96.6	-0.08
Molybdenum	mg/kg DM	79.7 ± 3.49	66.4 ± 13.3	8.77	83.3	-0.50
Nickel	mg/kg DM	319 ± 13.8	274 ± 55	35	86	-0.40
Selenium	mg/kg DM	2.47 ± 0.315	<1.25 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	3.78 ± 0.76	1.34	56.5	-1.75
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	29.3 ± 5.9	5.63	88.5	-0.32
Tin	mg/kg DM	168 ± 10.1	192 ± 38	23.5	114	0.31
TOC (as C)	mg/kg DM	17700 ± 817	21500 ± 3200	1950	121	0.59
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	63 ± 12.6	7.07	89.2	-0.30
Zinc	mg/kg DM	3120 ± 73	2990 ± 600	312	95.9	-0.11



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

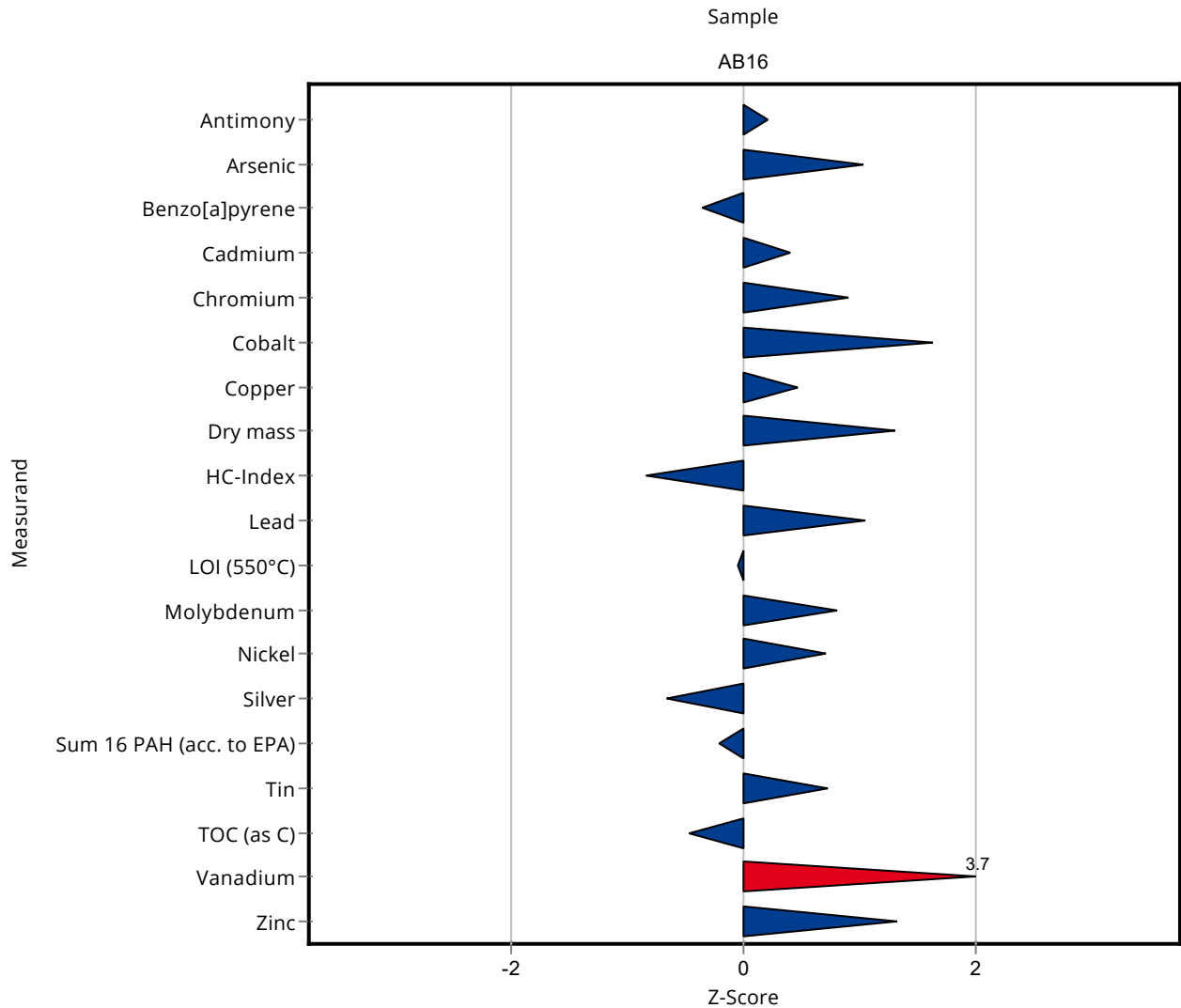
Labcode: LC0020

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	171 ± 8.25	18.4	102	0.20
Arsenic	mg/kg DM	16.6 ± 1.64	20.7 ± 0.661	3.99	124	1.02
Barium	mg/kg DM	- ± -	1994 ± 320	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	4.37 ± 0.31	1.36	90	-0.36
Cadmium	mg/kg DM	5.14 ± 0.16	5.34 ± 0.19	0.514	104	0.39
Chromium	mg/kg DM	384 ± 19.5	425 ± 57.6	46.1	111	0.89
Cobalt	mg/kg DM	69.6 ± 4.24	85.4 ± 5.64	9.75	123	1.62
Copper	mg/kg DM	2610 ± 80.7	2730 ± 199	261	105	0.46
Dry mass	%	97.9 ± 0.143	99.8 ± 0.2	1.47	102	1.30
HC-Index	mg/kg DM	258 ± 51.7	153 ± 10.1	124	59.4	-0.85
Lead	mg/kg DM	367 ± 14.2	405 ± 15.1	36.7	110	1.04
LOI (550°C)	% DM	5.08 ± 0.197	5.05 ± 0.15	0.508	99.5	-0.05
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.18 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	86.7 ± 6.34	8.77	109	0.79
Nickel	mg/kg DM	319 ± 13.8	343 ± 56.7	35	108	0.70
Selenium	mg/kg DM	2.47 ± 0.315	<0.747 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	5.8 ± 0.62	1.34	86.8	-0.66
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	31.9 ± 1.2	5.63	96.3	-0.22
Tin	mg/kg DM	168 ± 10.1	185 ± 19.4	23.5	110	0.72
TOC (as C)	mg/kg DM	17700 ± 817	16800 ± 1000	1950	94.8	-0.47
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	96.9 ± 2	7.07	137	3.71
Zinc	mg/kg DM	3120 ± 73	3530 ± 121	312	113	1.32

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0020

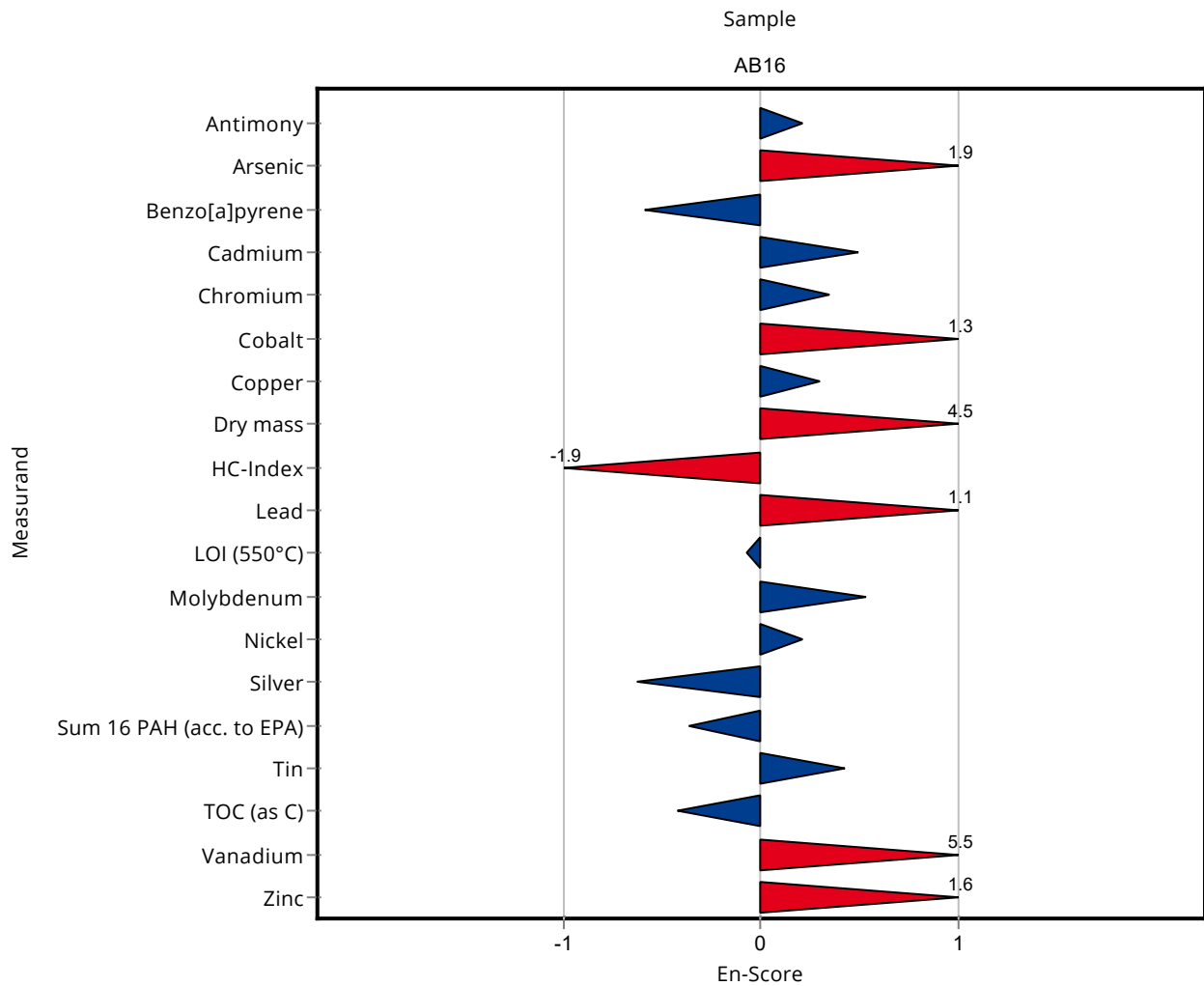


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0020

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	171 ± 8.25	18.4	102	0.21
Arsenic	mg/kg DM	16.6 ± 1.64	20.7 ± 0.661	3.99	124	1.93
Barium	mg/kg DM	- ± -	1994 ± 320	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	4.37 ± 0.31	1.36	90	-0.59
Cadmium	mg/kg DM	5.14 ± 0.16	5.34 ± 0.19	0.514	104	0.49
Chromium	mg/kg DM	384 ± 19.5	425 ± 57.6	46.1	111	0.35
Cobalt	mg/kg DM	69.6 ± 4.24	85.4 ± 5.64	9.75	123	1.31
Copper	mg/kg DM	2610 ± 80.7	2730 ± 199	261	105	0.30
Dry mass	%	97.9 ± 0.143	99.8 ± 0.2	1.47	102	4.51
HC-Index	mg/kg DM	258 ± 51.7	153 ± 10.1	124	59.4	-1.88
Lead	mg/kg DM	367 ± 14.2	405 ± 15.1	36.7	110	1.15
LOI (550°C)	% DM	5.08 ± 0.197	5.05 ± 0.15	0.508	99.5	-0.07
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.18 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	86.7 ± 6.34	8.77	109	0.53
Nickel	mg/kg DM	319 ± 13.8	343 ± 56.7	35	108	0.21
Selenium	mg/kg DM	2.47 ± 0.315	<0.747 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	5.8 ± 0.62	1.34	86.8	-0.63
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	31.9 ± 1.2	5.63	96.3	-0.36
Tin	mg/kg DM	168 ± 10.1	185 ± 19.4	23.5	110	0.42
TOC (as C)	mg/kg DM	17700 ± 817	16800 ± 1000	1950	94.8	-0.43
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	96.9 ± 2	7.07	137	5.52
Zinc	mg/kg DM	3120 ± 73	3530 ± 121	312	113	1.63



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

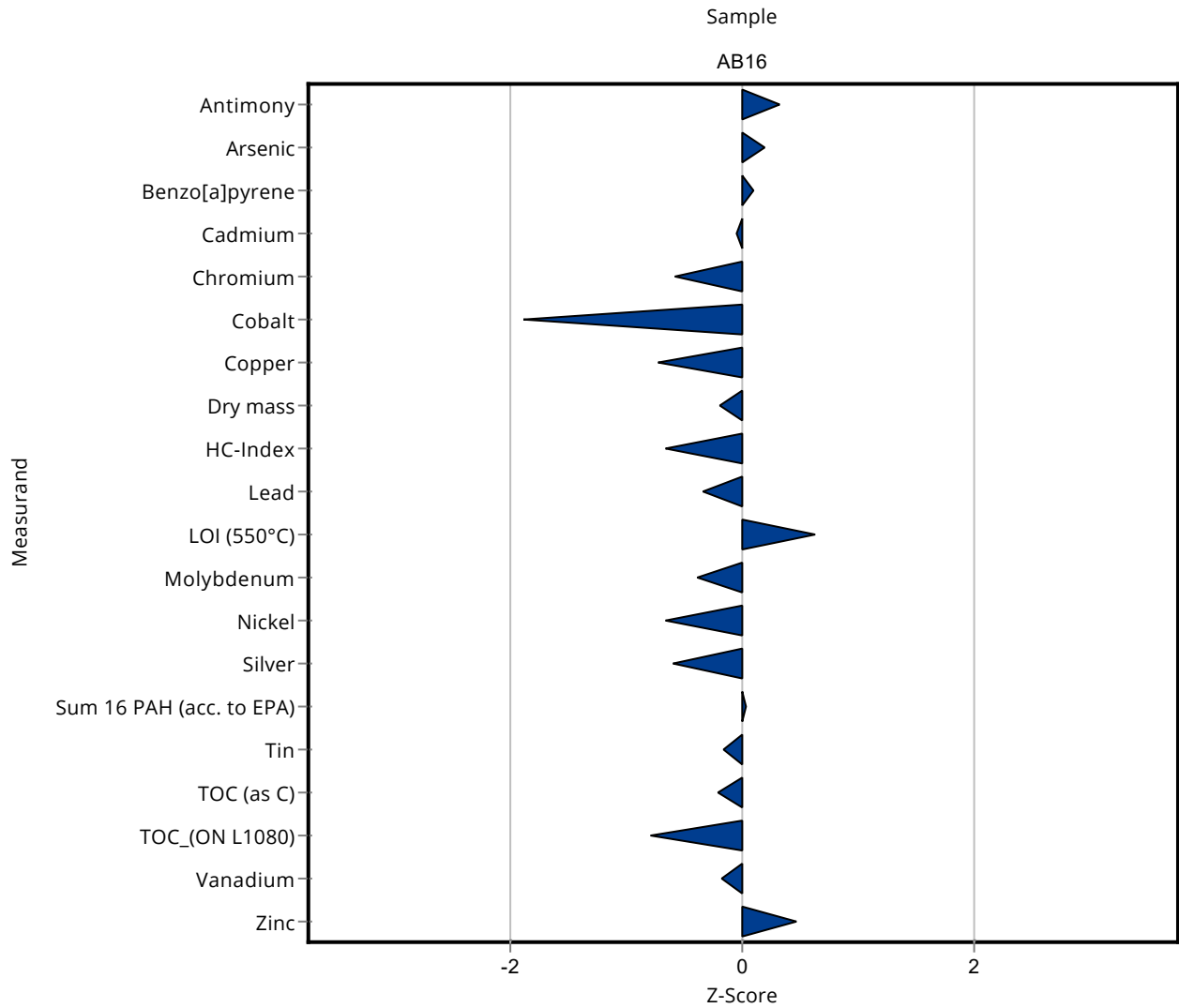
Labcode: LC0021

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	173 ± 13.8	18.4	103	0.31
Arsenic	mg/kg DM	16.6 ± 1.64	17.4 ± 1.39	3.99	105	0.19
Barium	mg/kg DM	- ± -	3090 ± 247	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	4.97 ± 1.09	1.36	102	0.08
Cadmium	mg/kg DM	5.14 ± 0.16	5.11 ± 0.409	0.514	99.4	-0.06
Chromium	mg/kg DM	384 ± 19.5	357 ± 28.6	46.1	93	-0.59
Cobalt	mg/kg DM	69.6 ± 4.24	51.1 ± 4.09	9.75	73.4	-1.90
Copper	mg/kg DM	2610 ± 80.7	2420 ± 194	261	92.7	-0.73
Dry mass	%	97.9 ± 0.143	97.6 ± 2.93	1.47	99.7	-0.19
HC-Index	mg/kg DM	258 ± 51.7	175 ± 35	124	67.9	-0.67
Lead	mg/kg DM	367 ± 14.2	354 ± 28.3	36.7	96.5	-0.35
LOI (550°C)	% DM	5.08 ± 0.197	5.39 ± 0.27	0.508	106	0.62
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.05 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	76.2 ± 6.1	8.77	95.6	-0.40
Nickel	mg/kg DM	319 ± 13.8	295 ± 23.6	35	92.6	-0.67
Selenium	mg/kg DM	2.47 ± 0.315	<5.3 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	5.88 ± 0.647	1.34	88	-0.60
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	33.3 ± 7.33	5.63	101	0.03
Tin	mg/kg DM	168 ± 10.1	164 ± 18	23.5	97.6	-0.17
TOC (as C)	mg/kg DM	17700 ± 817	17300 ± 2250	1950	97.6	-0.21
TOC_(ON L1080)	% DM	2.24 ± 0.509	1.72 ± 0.258	0.65	76.8	-0.80
Vanadium	mg/kg DM	70.7 ± 2.57	69.3 ± 5.54	7.07	98.1	-0.19
Zinc	mg/kg DM	3120 ± 73	3260 ± 391	312	105	0.45

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0021

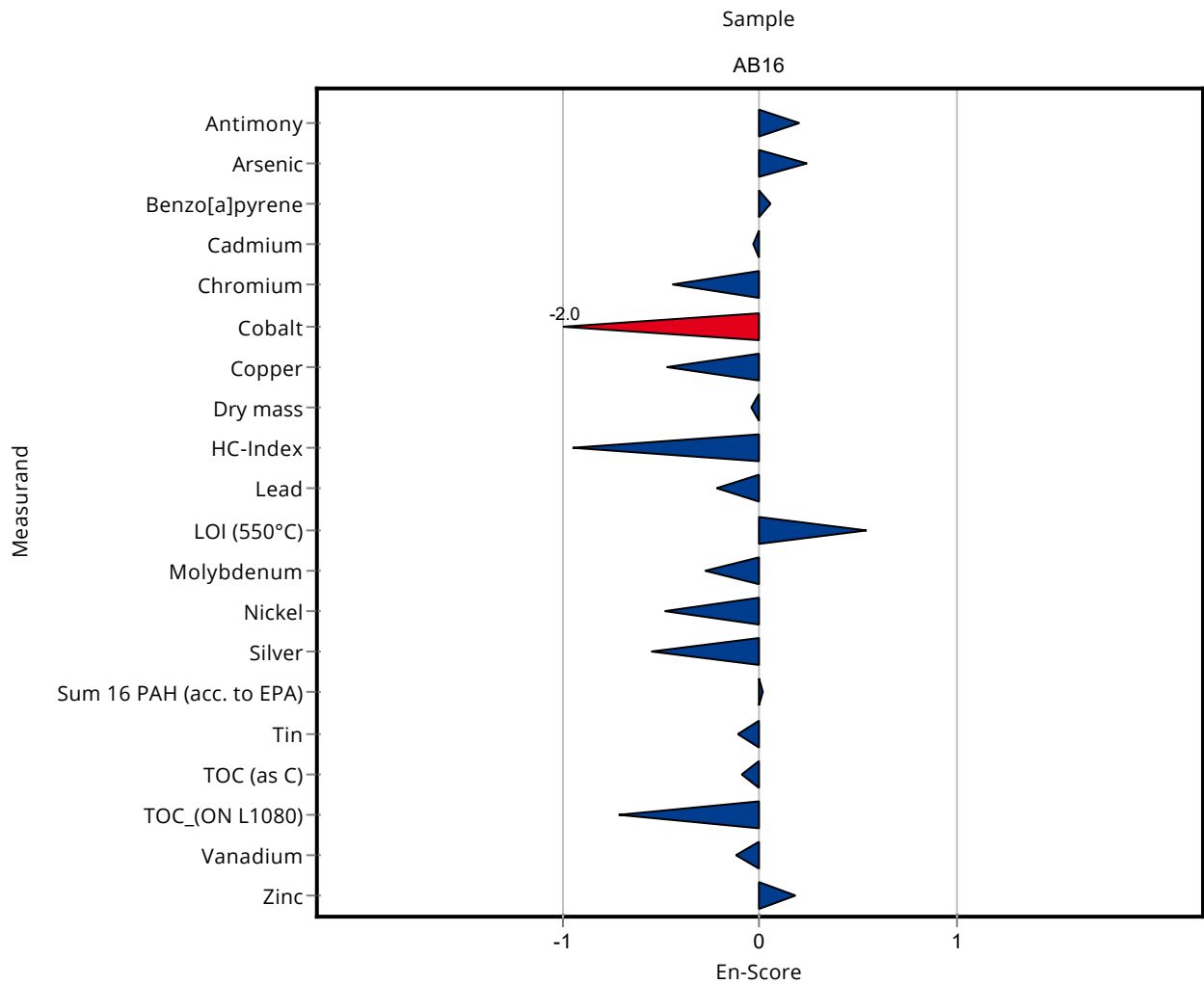


Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16 - En-Score

Labcode: LC0021

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	173 ± 13.8	18.4	103	0.20
Arsenic	mg/kg DM	16.6 ± 1.64	17.4 ± 1.39	3.99	105	0.24
Barium	mg/kg DM	- ± -	3090 ± 247	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	4.97 ± 1.09	1.36	102	0.05
Cadmium	mg/kg DM	5.14 ± 0.16	5.11 ± 0.409	0.514	99.4	-0.03
Chromium	mg/kg DM	384 ± 19.5	357 ± 28.6	46.1	93	-0.45
Cobalt	mg/kg DM	69.6 ± 4.24	51.1 ± 4.09	9.75	73.4	-2.01
Copper	mg/kg DM	2610 ± 80.7	2420 ± 194	261	92.7	-0.48
Dry mass	%	97.9 ± 0.143	97.6 ± 2.93	1.47	99.7	-0.05
HC-Index	mg/kg DM	258 ± 51.7	175 ± 35	124	67.9	-0.95
Lead	mg/kg DM	367 ± 14.2	354 ± 28.3	36.7	96.5	-0.22
LOI (550°C)	% DM	5.08 ± 0.197	5.39 ± 0.27	0.508	106	0.55
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.05 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	76.2 ± 6.1	8.77	95.6	-0.28
Nickel	mg/kg DM	319 ± 13.8	295 ± 23.6	35	92.6	-0.48
Selenium	mg/kg DM	2.47 ± 0.315	<5.3 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	5.88 ± 0.647	1.34	88	-0.55
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	33.3 ± 7.33	5.63	101	0.01
Tin	mg/kg DM	168 ± 10.1	164 ± 18	23.5	97.6	-0.11
TOC (as C)	mg/kg DM	17700 ± 817	17300 ± 2250	1950	97.6	-0.09
TOC_(ON L1080)	% DM	2.24 ± 0.509	1.72 ± 0.258	0.65	76.8	-0.72
Vanadium	mg/kg DM	70.7 ± 2.57	69.3 ± 5.54	7.07	98.1	-0.12
Zinc	mg/kg DM	3120 ± 73	3260 ± 391	312	105	0.18



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

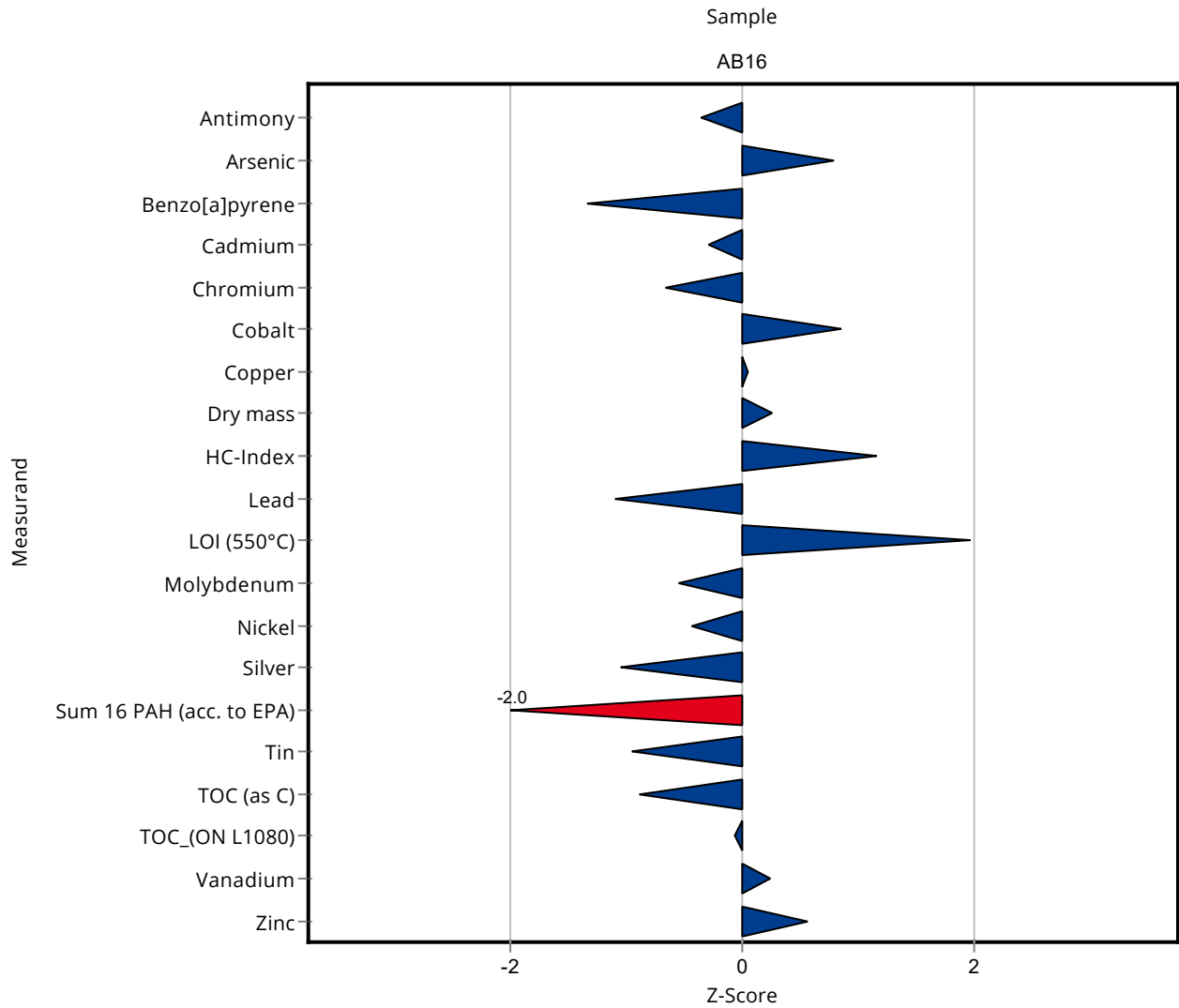
Labcode: LC0022

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	160.7 ± 29.8	18.4	96.1	-0.36
Arsenic	mg/kg DM	16.6 ± 1.64	19.74 ± 4.52	3.99	119	0.78
Barium	mg/kg DM	- ± -	4169 ± 1334	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.03 ± 0.88	1.36	62.4	-1.34
Cadmium	mg/kg DM	5.14 ± 0.16	4.986 ± 1.01	0.514	97	-0.30
Chromium	mg/kg DM	384 ± 19.5	353.5 ± 83.9	46.1	92	-0.66
Cobalt	mg/kg DM	69.6 ± 4.24	77.88 ± 16.53	9.75	112	0.85
Copper	mg/kg DM	2610 ± 80.7	2622 ± 495.1	261	100	0.05
Dry mass	%	97.9 ± 0.143	98.26 ± 7.7	1.47	100	0.25
HC-Index	mg/kg DM	258 ± 51.7	401 ± 92	124	156	1.16
Lead	mg/kg DM	367 ± 14.2	326.3 ± 66	36.7	89	-1.10
LOI (550°C)	% DM	5.08 ± 0.197	6.07 ± 0.17	0.508	120	1.96
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.03 (LOD) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	74.88 ± 18.4	8.77	93.9	-0.55
Nickel	mg/kg DM	319 ± 13.8	303.1 ± 61.5	35	95.2	-0.44
Selenium	mg/kg DM	2.47 ± 0.315	<2 (LOD) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	5.278 ± 1.14	1.34	79	-1.05
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	21.7 ± 6.29	5.63	65.5	-2.03
Tin	mg/kg DM	168 ± 10.1	145.4 ± 44.1	23.5	86.5	-0.96
TOC (as C)	mg/kg DM	17700 ± 817	15971 ± 3014	1950	90.1	-0.90
TOC_(ON L1080)	% DM	2.24 ± 0.509	2.19 ± 0.44	0.65	97.8	-0.08
Vanadium	mg/kg DM	70.7 ± 2.57	72.36 ± 15.9	7.07	102	0.24
Zinc	mg/kg DM	3120 ± 73	3290 ± 618	312	105	0.55

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0022

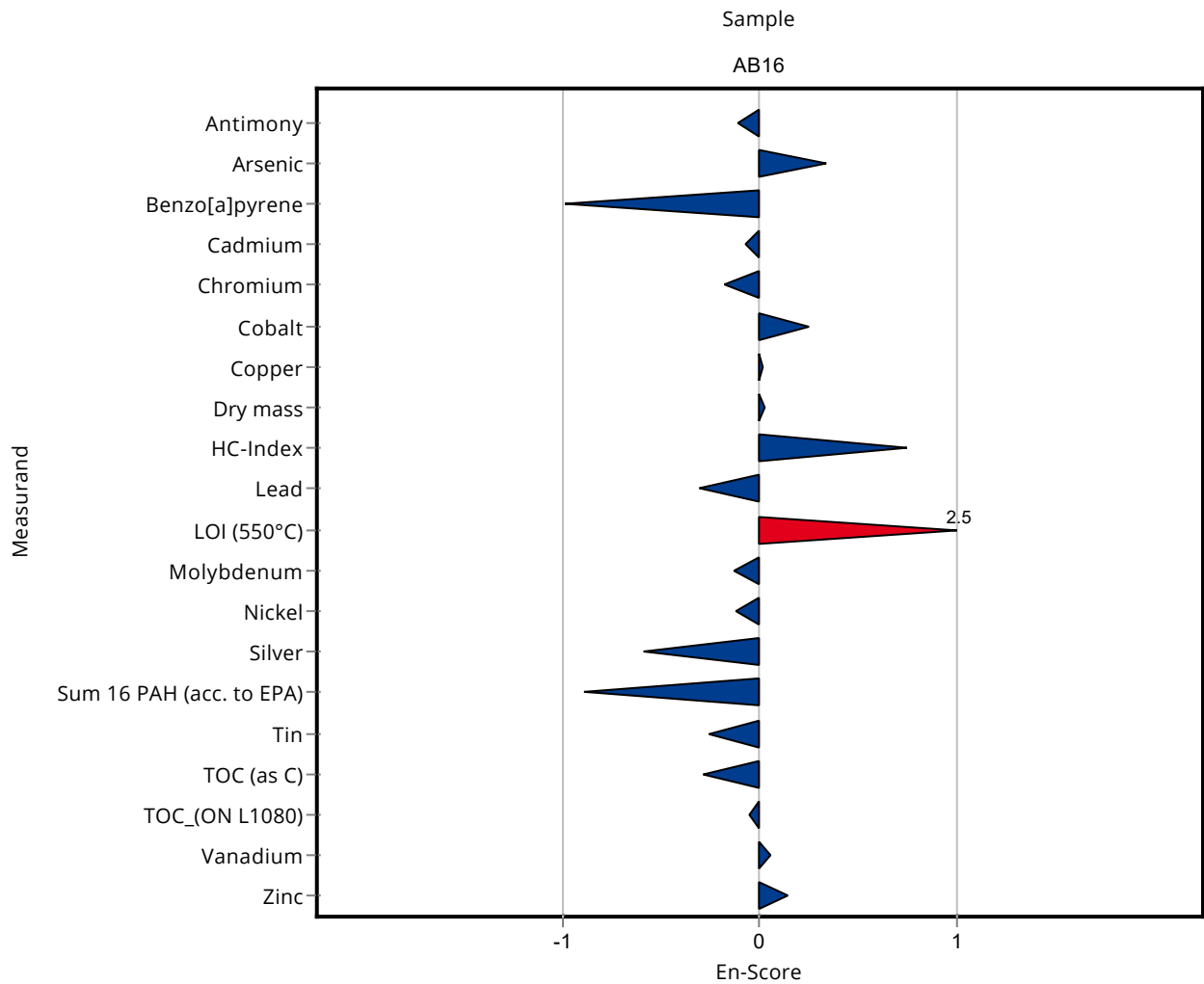


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0022

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	160.7 ± 29.8	18.4	96.1	-0.11
Arsenic	mg/kg DM	16.6 ± 1.64	19.74 ± 4.52	3.99	119	0.34
Barium	mg/kg DM	- ± -	4169 ± 1334	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.03 ± 0.88	1.36	62.4	-0.99
Cadmium	mg/kg DM	5.14 ± 0.16	4.986 ± 1.01	0.514	97	-0.08
Chromium	mg/kg DM	384 ± 19.5	353.5 ± 83.9	46.1	92	-0.18
Cobalt	mg/kg DM	69.6 ± 4.24	77.88 ± 16.53	9.75	112	0.25
Copper	mg/kg DM	2610 ± 80.7	2622 ± 495.1	261	100	0.01
Dry mass	%	97.9 ± 0.143	98.26 ± 7.7	1.47	100	0.02
HC-Index	mg/kg DM	258 ± 51.7	401 ± 92	124	156	0.75
Lead	mg/kg DM	367 ± 14.2	326.3 ± 66	36.7	89	-0.30
LOI (550°C)	% DM	5.08 ± 0.197	6.07 ± 0.17	0.508	120	2.53
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.03 (LOD) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	74.88 ± 18.4	8.77	93.9	-0.13
Nickel	mg/kg DM	319 ± 13.8	303.1 ± 61.5	35	95.2	-0.12
Selenium	mg/kg DM	2.47 ± 0.315	<2 (LOD) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	5.278 ± 1.14	1.34	79	-0.59
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	21.7 ± 6.29	5.63	65.5	-0.89
Tin	mg/kg DM	168 ± 10.1	145.4 ± 44.1	23.5	86.5	-0.26
TOC (as C)	mg/kg DM	17700 ± 817	15971 ± 3014	1950	90.1	-0.29
TOC_(ON L1080)	% DM	2.24 ± 0.509	2.19 ± 0.44	0.65	97.8	-0.05
Vanadium	mg/kg DM	70.7 ± 2.57	72.36 ± 15.9	7.07	102	0.05
Zinc	mg/kg DM	3120 ± 73	3290 ± 618	312	105	0.14



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

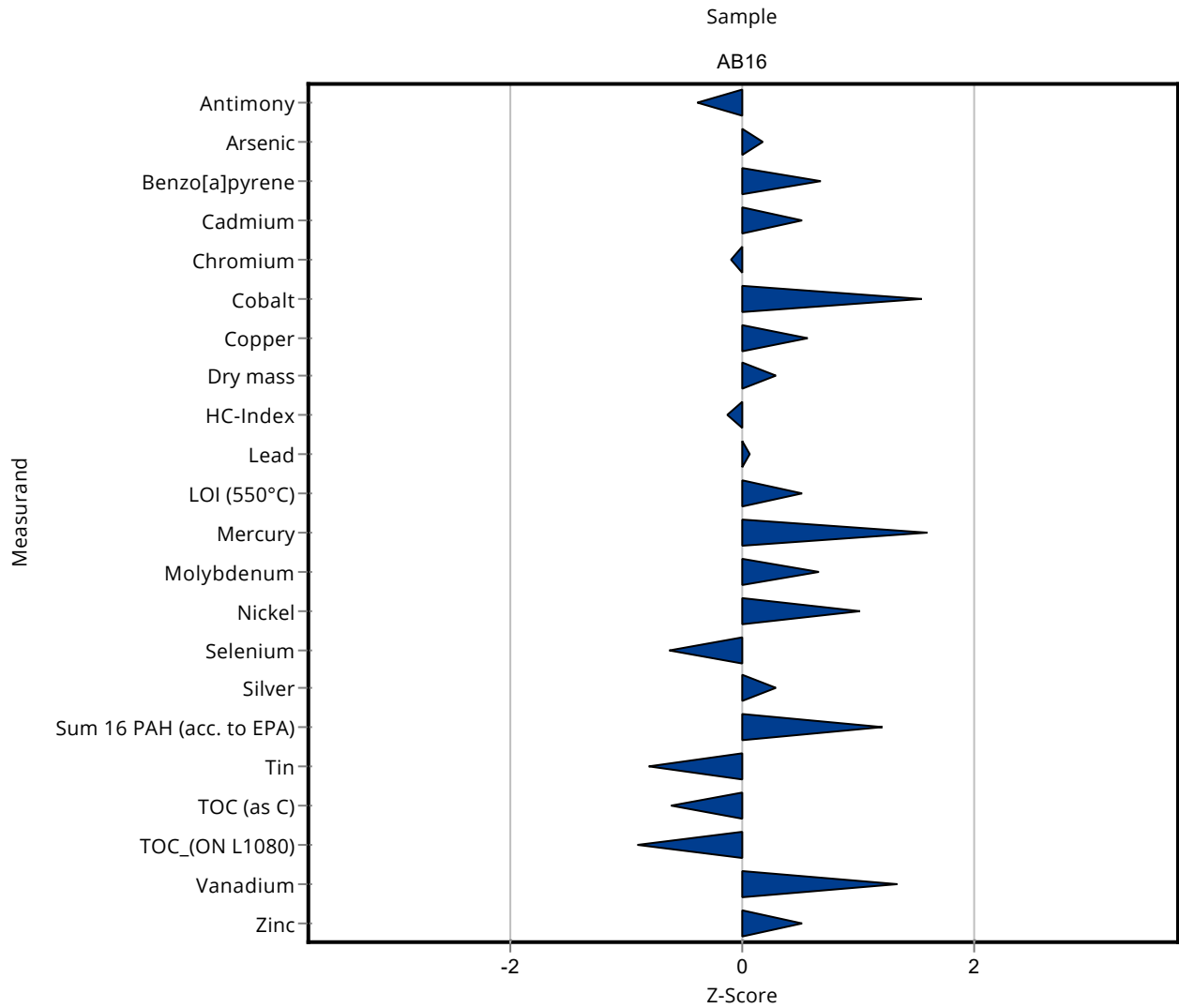
Labcode: LC0023

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	160 ± 8.78	18.4	95.7	-0.39
Arsenic	mg/kg DM	16.6 ± 1.64	17.3 ± 1.04	3.99	104	0.17
Barium	mg/kg DM	- ± -	470 ± 21.4	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.77 ± 0.44	1.36	119	0.67
Cadmium	mg/kg DM	5.14 ± 0.16	5.4 ± 0.23	0.514	105	0.51
Chromium	mg/kg DM	384 ± 19.5	379 ± 11.7	46.1	98.7	-0.11
Cobalt	mg/kg DM	69.6 ± 4.24	84.7 ± 3.11	9.75	122	1.55
Copper	mg/kg DM	2610 ± 80.7	2756 ± 97.3	261	106	0.56
Dry mass	%	97.9 ± 0.143	98.3 ± 4.22	1.47	100	0.28
HC-Index	mg/kg DM	258 ± 51.7	241 ± 11	124	93.5	-0.13
Lead	mg/kg DM	367 ± 14.2	369 ± 12.5	36.7	101	0.06
LOI (550°C)	% DM	5.08 ± 0.197	5.33 ± 0.23	0.508	105	0.50
Mercury	mg/kg DM	0.0312 ± 0.00664	0.047 ± 0.0022	0.00997	151	1.59
Molybdenum	mg/kg DM	79.7 ± 3.49	85.4 ± 1.49	8.77	107	0.65
Nickel	mg/kg DM	319 ± 13.8	354 ± 11.4	35	111	1.01
Selenium	mg/kg DM	2.47 ± 0.315	2.14 ± 0.11	0.52	86.5	-0.64
Silver	mg/kg DM	6.68 ± 0.673	7.07 ± 0.04	1.34	106	0.29
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	39.9 ± 2.6	5.63	120	1.20
Tin	mg/kg DM	168 ± 10.1	149 ± 9.12	23.5	88.7	-0.81
TOC (as C)	mg/kg DM	17700 ± 817	16511 ± 2080	1950	93.2	-0.62
TOC_(ON L1080)	% DM	2.24 ± 0.509	1.65 ± 0.21	0.65	73.7	-0.91
Vanadium	mg/kg DM	70.7 ± 2.57	80.1 ± 2.95	7.07	113	1.33
Zinc	mg/kg DM	3120 ± 73	3276 ± 95	312	105	0.50

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0023

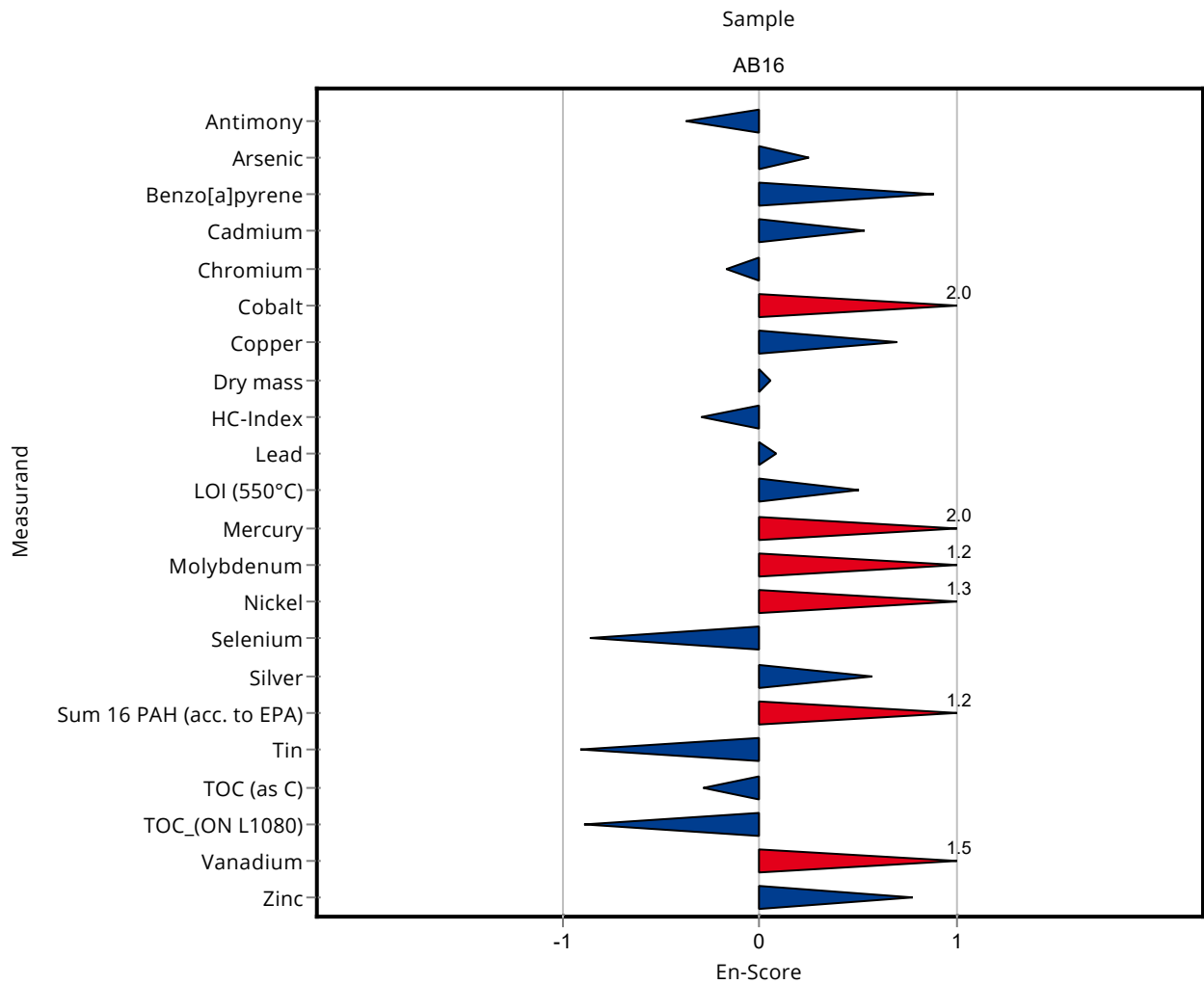


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0023

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	160 ± 8.78	18.4	95.7	-0.38
Arsenic	mg/kg DM	16.6 ± 1.64	17.3 ± 1.04	3.99	104	0.25
Barium	mg/kg DM	- ± -	470 ± 21.4	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.77 ± 0.44	1.36	119	0.89
Cadmium	mg/kg DM	5.14 ± 0.16	5.4 ± 0.23	0.514	105	0.54
Chromium	mg/kg DM	384 ± 19.5	379 ± 11.7	46.1	98.7	-0.17
Cobalt	mg/kg DM	69.6 ± 4.24	84.7 ± 3.11	9.75	122	2.00
Copper	mg/kg DM	2610 ± 80.7	2756 ± 97.3	261	106	0.70
Dry mass	%	97.9 ± 0.143	98.3 ± 4.22	1.47	100	0.05
HC-Index	mg/kg DM	258 ± 51.7	241 ± 11	124	93.5	-0.30
Lead	mg/kg DM	367 ± 14.2	369 ± 12.5	36.7	101	0.08
LOI (550°C)	% DM	5.08 ± 0.197	5.33 ± 0.23	0.508	105	0.51
Mercury	mg/kg DM	0.0312 ± 0.00664	0.047 ± 0.0022	0.00997	151	1.99
Molybdenum	mg/kg DM	79.7 ± 3.49	85.4 ± 1.49	8.77	107	1.24
Nickel	mg/kg DM	319 ± 13.8	354 ± 11.4	35	111	1.33
Selenium	mg/kg DM	2.47 ± 0.315	2.14 ± 0.11	0.52	86.5	-0.87
Silver	mg/kg DM	6.68 ± 0.673	7.07 ± 0.04	1.34	106	0.57
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	39.9 ± 2.6	5.63	120	1.19
Tin	mg/kg DM	168 ± 10.1	149 ± 9.12	23.5	88.7	-0.91
TOC (as C)	mg/kg DM	17700 ± 817	16511 ± 2080	1950	93.2	-0.28
TOC_(ON L1080)	% DM	2.24 ± 0.509	1.65 ± 0.21	0.65	73.7	-0.89
Vanadium	mg/kg DM	70.7 ± 2.57	80.1 ± 2.95	7.07	113	1.47
Zinc	mg/kg DM	3120 ± 73	3276 ± 95	312	105	0.77



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

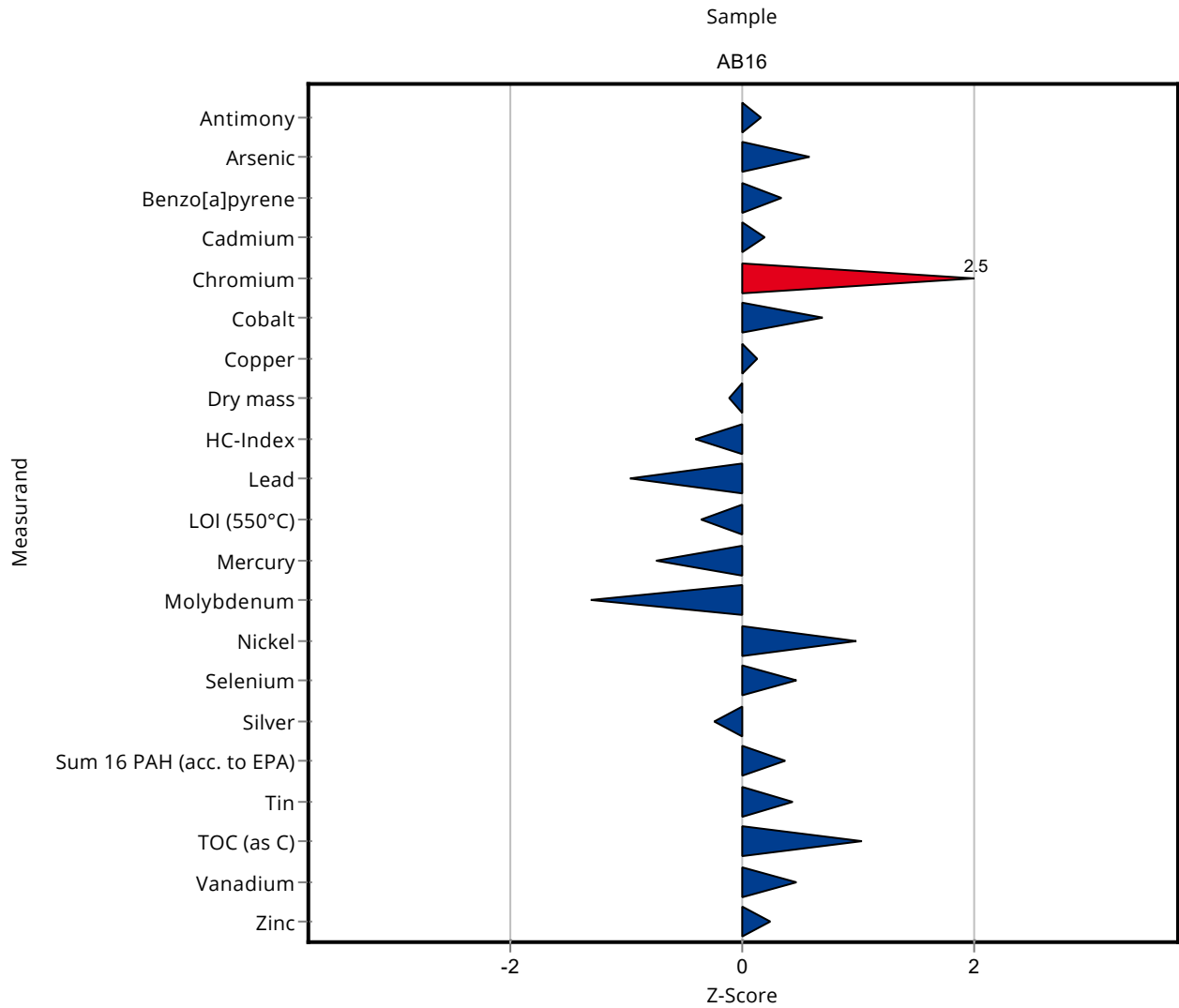
Labcode: LC0024

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	170 ± 39.1	18.4	102	0.15
Arsenic	mg/kg DM	16.6 ± 1.64	18.9 ± 1.13	3.99	114	0.57
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.31 ± 0.637	1.36	109	0.33
Cadmium	mg/kg DM	5.14 ± 0.16	5.23 ± 0.26	0.514	102	0.18
Chromium	mg/kg DM	384 ± 19.5	498 ± 49.8	46.1	130	2.47
Cobalt	mg/kg DM	69.6 ± 4.24	76.3 ± 3.82	9.75	110	0.68
Copper	mg/kg DM	2610 ± 80.7	2639 ± 185	261	101	0.11
Dry mass	%	97.9 ± 0.143	97.7 ± 0.29	1.47	99.8	-0.13
HC-Index	mg/kg DM	258 ± 51.7	206.246 ± 37	124	80.1	-0.42
Lead	mg/kg DM	367 ± 14.2	331 ± 43	36.7	90.3	-0.97
LOI (550°C)	% DM	5.08 ± 0.197	4.89 ± 0.039	0.508	96.3	-0.37
Mercury	mg/kg DM	0.0312 ± 0.00664	0.0237 ± 0.0024	0.00997	76.1	-0.75
Molybdenum	mg/kg DM	79.7 ± 3.49	68.2 ± 13.6	8.77	85.5	-1.32
Nickel	mg/kg DM	319 ± 13.8	353 ± 17.7	35	111	0.98
Selenium	mg/kg DM	2.47 ± 0.315	2.71 ± 0.379	0.52	110	0.45
Silver	mg/kg DM	6.68 ± 0.673	6.36 ± 0.318	1.34	95.1	-0.24
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	35.18 ± 6.33	5.63	106	0.37
Tin	mg/kg DM	168 ± 10.1	178 ± 28.5	23.5	106	0.42
TOC (as C)	mg/kg DM	17700 ± 817	19700 ± 1970	1950	111	1.02
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	73.9 ± 6.65	7.07	105	0.46
Zinc	mg/kg DM	3120 ± 73	3190 ± 287	312	102	0.23

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0024

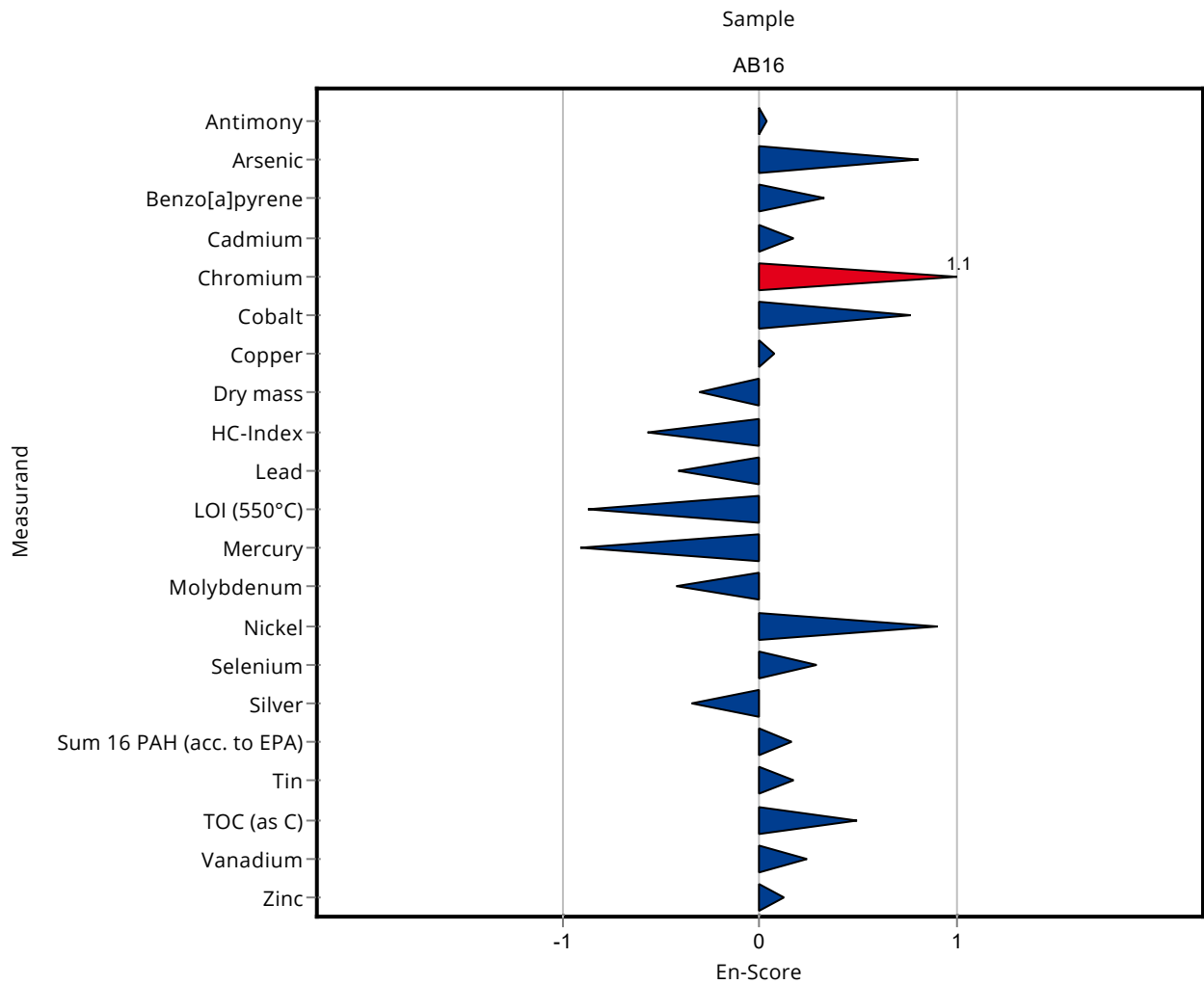


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0024

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	170 ± 39.1	18.4	102	0.04
Arsenic	mg/kg DM	16.6 ± 1.64	18.9 ± 1.13	3.99	114	0.81
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	5.31 ± 0.637	1.36	109	0.33
Cadmium	mg/kg DM	5.14 ± 0.16	5.23 ± 0.26	0.514	102	0.17
Chromium	mg/kg DM	384 ± 19.5	498 ± 49.8	46.1	130	1.12
Cobalt	mg/kg DM	69.6 ± 4.24	76.3 ± 3.82	9.75	110	0.76
Copper	mg/kg DM	2610 ± 80.7	2639 ± 185	261	101	0.08
Dry mass	%	97.9 ± 0.143	97.7 ± 0.29	1.47	99.8	-0.31
HC-Index	mg/kg DM	258 ± 51.7	206.246 ± 37	124	80.1	-0.57
Lead	mg/kg DM	367 ± 14.2	331 ± 43	36.7	90.3	-0.41
LOI (550°C)	% DM	5.08 ± 0.197	4.89 ± 0.039	0.508	96.3	-0.88
Mercury	mg/kg DM	0.0312 ± 0.00664	0.0237 ± 0.0024	0.00997	76.1	-0.91
Molybdenum	mg/kg DM	79.7 ± 3.49	68.2 ± 13.6	8.77	85.5	-0.42
Nickel	mg/kg DM	319 ± 13.8	353 ± 17.7	35	111	0.91
Selenium	mg/kg DM	2.47 ± 0.315	2.71 ± 0.379	0.52	110	0.29
Silver	mg/kg DM	6.68 ± 0.673	6.36 ± 0.318	1.34	95.1	-0.35
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	35.18 ± 6.33	5.63	106	0.16
Tin	mg/kg DM	168 ± 10.1	178 ± 28.5	23.5	106	0.17
TOC (as C)	mg/kg DM	17700 ± 817	19700 ± 1970	1950	111	0.49
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	73.9 ± 6.65	7.07	105	0.24
Zinc	mg/kg DM	3120 ± 73	3190 ± 287	312	102	0.12



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0025

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	- ± -	1.36	-	-
Cadmium	mg/kg DM	5.14 ± 0.16	- ± -	0.514	-	-
Chromium	mg/kg DM	384 ± 19.5	- ± -	46.1	-	-
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	- ± -	261	-	-
Dry mass	%	97.9 ± 0.143	- ± -	1.47	-	-
HC-Index	mg/kg DM	258 ± 51.7	- ± -	124	-	-
Lead	mg/kg DM	367 ± 14.2	- ± -	36.7	-	-
LOI (550°C)	% DM	5.08 ± 0.197	- ± -	0.508	-	-
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	- ± -	35	-	-
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	- ± -	5.63	-	-
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	- ± -	1950	-	-
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	- ± -	312	-	-

Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0025

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	- ± -	1.36	-	-
Cadmium	mg/kg DM	5.14 ± 0.16	- ± -	0.514	-	-
Chromium	mg/kg DM	384 ± 19.5	- ± -	46.1	-	-
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	- ± -	261	-	-
Dry mass	%	97.9 ± 0.143	- ± -	1.47	-	-
HC-Index	mg/kg DM	258 ± 51.7	- ± -	124	-	-
Lead	mg/kg DM	367 ± 14.2	- ± -	36.7	-	-
LOI (550°C)	% DM	5.08 ± 0.197	- ± -	0.508	-	-
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	- ± -	35	-	-
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	- ± -	5.63	-	-
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	- ± -	1950	-	-
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	- ± -	312	-	-

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

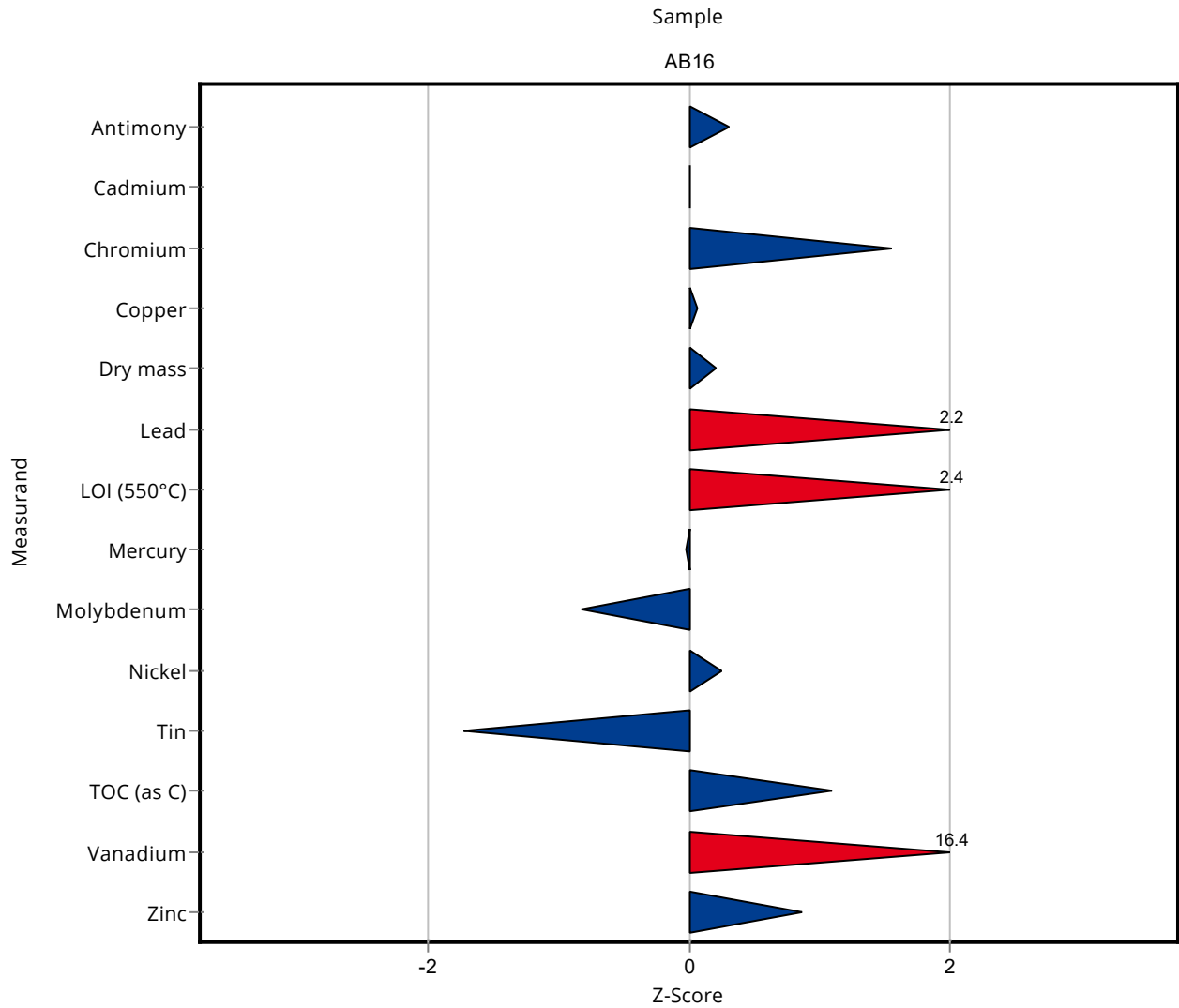
Labcode: LC0026

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	173 ± 34.6	18.4	103	0.31
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	5504 ± 770.56	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	- ± -	1.36	-	-
Cadmium	mg/kg DM	5.14 ± 0.16	5.14 ± 0.67	0.514	100	0.00
Chromium	mg/kg DM	384 ± 19.5	455.8 ± 59.25	46.1	119	1.56
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	2627.2 ± 394.08	261	101	0.07
Dry mass	%	97.9 ± 0.143	98.2 ± 9.82	1.47	100	0.21
HC-Index	mg/kg DM	258 ± 51.7	- ± -	124	-	-
Lead	mg/kg DM	367 ± 14.2	448.2 ± 89.64	36.7	122	2.22
LOI (550°C)	% DM	5.08 ± 0.197	6.3 ± 0.63	0.508	124	2.41
Mercury	mg/kg DM	0.0312 ± 0.00664	0.031 ± 0.0046	0.00997	99.5	-0.02
Molybdenum	mg/kg DM	79.7 ± 3.49	72.5 ± 10.15	8.77	90.9	-0.83
Nickel	mg/kg DM	319 ± 13.8	327.2 ± 63.4	35	103	0.25
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	- ± -	5.63	-	-
Tin	mg/kg DM	168 ± 10.1	127.4 ± 25.48	23.5	75.8	-1.73
TOC (as C)	mg/kg DM	17700 ± 817	19855 ± 5957	1950	112	1.10
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	186.4 ± 37.28	7.07	264	16.38
Zinc	mg/kg DM	3120 ± 73	3388.2 ± 411	312	109	0.86

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0026



Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

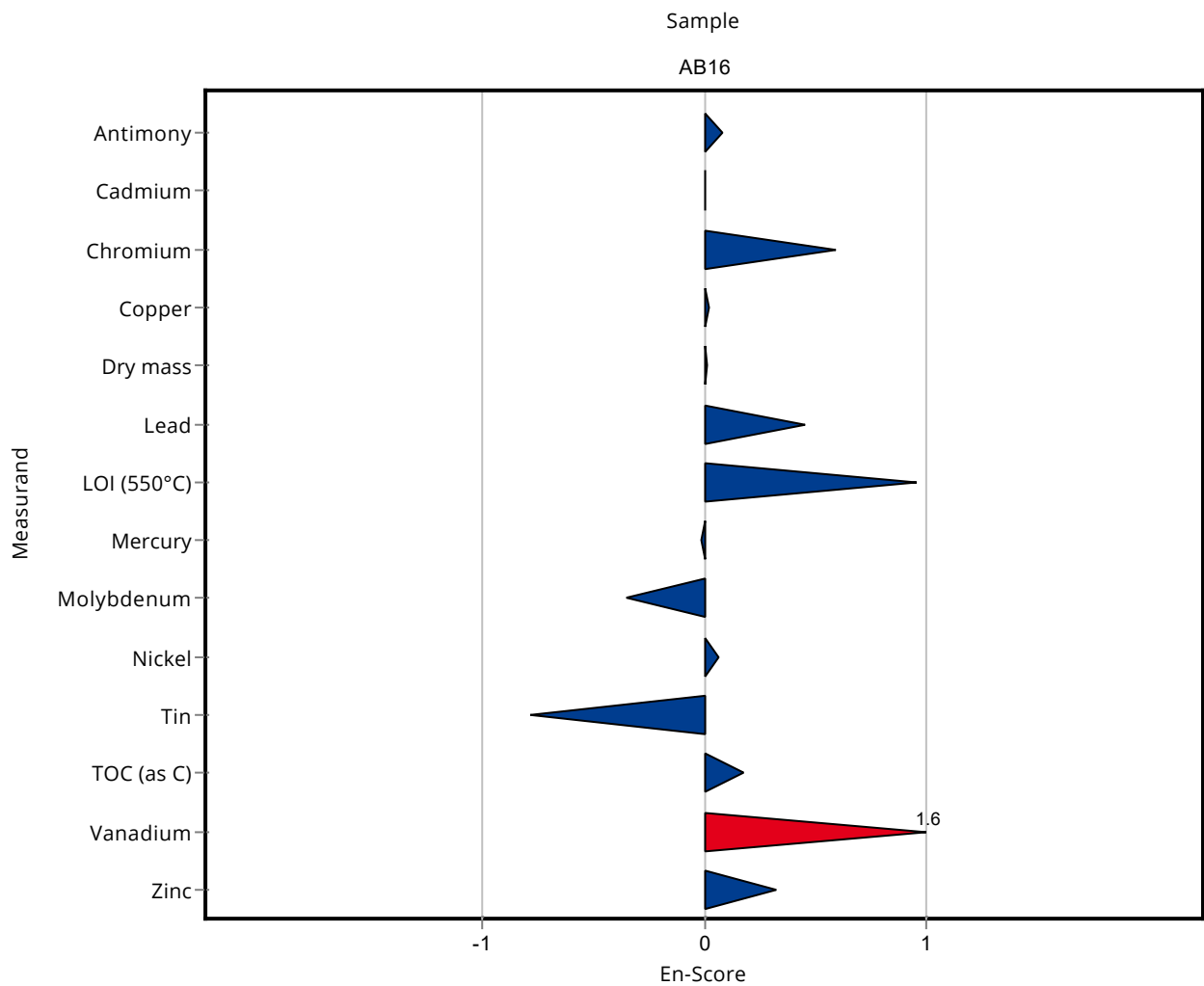
Labcode: LC0026

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	173 ± 34.6	18.4	103	0.08
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	5504 ± 770.56	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	- ± -	1.36	-	-
Cadmium	mg/kg DM	5.14 ± 0.16	5.14 ± 0.67	0.514	100	0.00
Chromium	mg/kg DM	384 ± 19.5	455.8 ± 59.25	46.1	119	0.60
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	2627.2 ± 394.08	261	101	0.02
Dry mass	%	97.9 ± 0.143	98.2 ± 9.82	1.47	100	0.02
HC-Index	mg/kg DM	258 ± 51.7	- ± -	124	-	-
Lead	mg/kg DM	367 ± 14.2	448.2 ± 89.64	36.7	122	0.45
LOI (550°C)	% DM	5.08 ± 0.197	6.3 ± 0.63	0.508	124	0.96
Mercury	mg/kg DM	0.0312 ± 0.00664	0.031 ± 0.0046	0.00997	99.5	-0.01
Molybdenum	mg/kg DM	79.7 ± 3.49	72.5 ± 10.15	8.77	90.9	-0.35
Nickel	mg/kg DM	319 ± 13.8	327.2 ± 63.4	35	103	0.07
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	- ± -	5.63	-	-
Tin	mg/kg DM	168 ± 10.1	127.4 ± 25.48	23.5	75.8	-0.78
TOC (as C)	mg/kg DM	17700 ± 817	19855 ± 5957	1950	112	0.18
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	186.4 ± 37.28	7.07	264	1.55
Zinc	mg/kg DM	3120 ± 73	3388.2 ± 411	312	109	0.33

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16 - En-Score

Labcode: LC0026



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

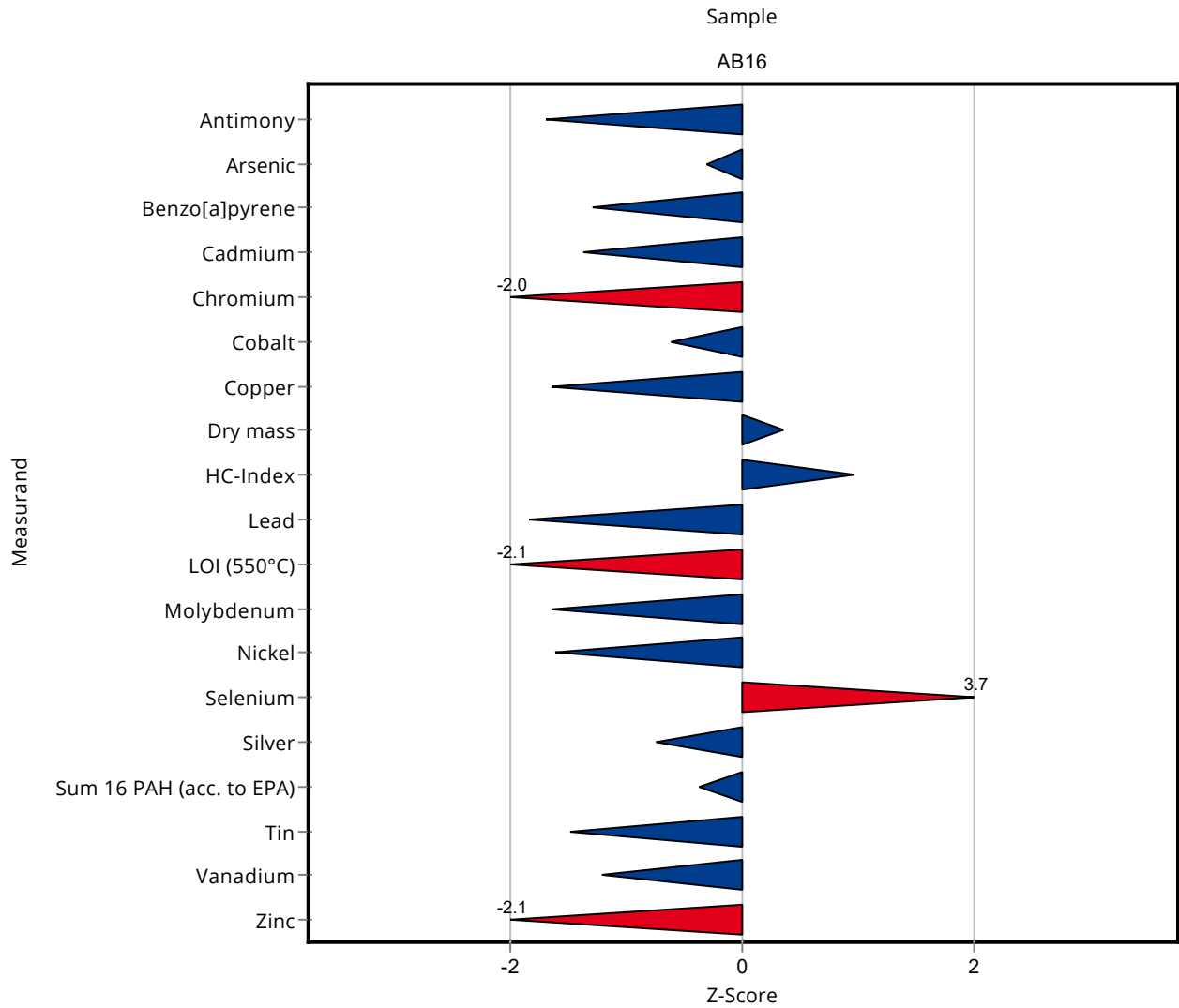
Labcode: LC0027

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	136 ± 35	18.4	81.3	-1.70
Arsenic	mg/kg DM	16.6 ± 1.64	15.4 ± 2.7	3.99	92.5	-0.31
Barium	mg/kg DM	- ± -	472 ± 70	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.1 ± 0.45	1.36	63.9	-1.29
Cadmium	mg/kg DM	5.14 ± 0.16	4.43 ± 0.75	0.514	86.2	-1.38
Chromium	mg/kg DM	384 ± 19.5	291 ± 44	46.1	75.8	-2.02
Cobalt	mg/kg DM	69.6 ± 4.24	63.6 ± 9.5	9.75	91.3	-0.62
Copper	mg/kg DM	2610 ± 80.7	2180 ± 297	261	83.5	-1.65
Dry mass	%	97.9 ± 0.143	98.4 ± 1.9	1.47	101	0.35
HC-Index	mg/kg DM	258 ± 51.7	376 ± 34	124	146	0.96
Lead	mg/kg DM	367 ± 14.2	299 ± 21	36.7	81.5	-1.85
LOI (550°C)	% DM	5.08 ± 0.197	4.02 ± 0.12	0.508	79.2	-2.08
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.1 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	65.3 ± 6.5	8.77	81.9	-1.65
Nickel	mg/kg DM	319 ± 13.8	262 ± 34	35	82.3	-1.61
Selenium	mg/kg DM	2.47 ± 0.315	4.39 ± 0.45	0.52	177	3.69
Silver	mg/kg DM	6.68 ± 0.673	5.68 ± 0.95	1.34	85	-0.75
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	31 ± 3.4	5.63	93.6	-0.38
Tin	mg/kg DM	168 ± 10.1	133 ± 21	23.5	79.1	-1.49
TOC (as C)	mg/kg DM	17700 ± 817	- ± -	1950	-	-
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	62.1 ± 10	7.07	87.9	-1.21
Zinc	mg/kg DM	3120 ± 73	2470 ± 197	312	79.2	-2.08

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0027

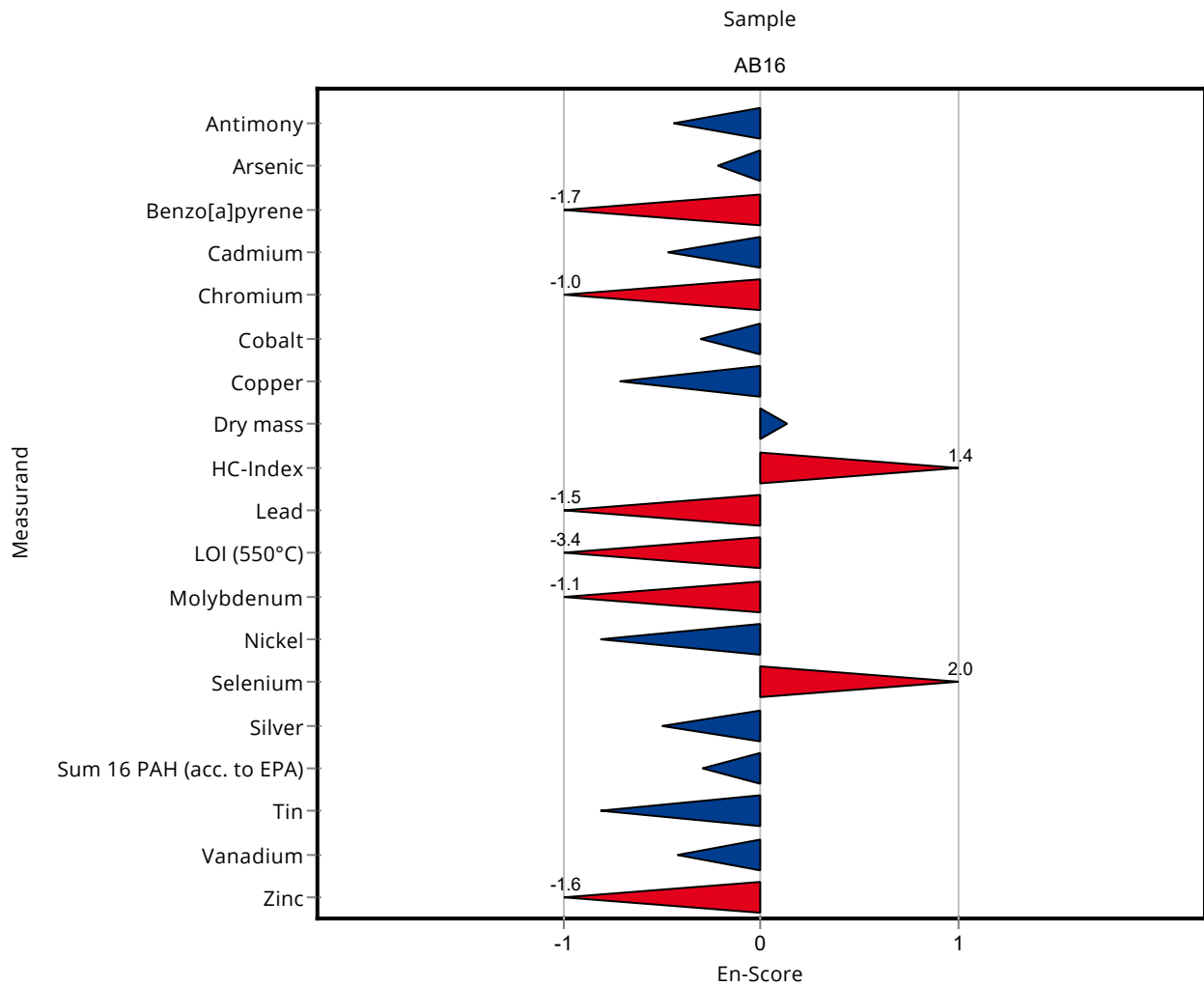


Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16 - En-Score

Labcode: LC0027

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	136 ± 35	18.4	81.3	-0.44
Arsenic	mg/kg DM	16.6 ± 1.64	15.4 ± 2.7	3.99	92.5	-0.22
Barium	mg/kg DM	- ± -	472 ± 70	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.1 ± 0.45	1.36	63.9	-1.67
Cadmium	mg/kg DM	5.14 ± 0.16	4.43 ± 0.75	0.514	86.2	-0.47
Chromium	mg/kg DM	384 ± 19.5	291 ± 44	46.1	75.8	-1.03
Cobalt	mg/kg DM	69.6 ± 4.24	63.6 ± 9.5	9.75	91.3	-0.31
Copper	mg/kg DM	2610 ± 80.7	2180 ± 297	261	83.5	-0.72
Dry mass	%	97.9 ± 0.143	98.4 ± 1.9	1.47	101	0.14
HC-Index	mg/kg DM	258 ± 51.7	376 ± 34	124	146	1.39
Lead	mg/kg DM	367 ± 14.2	299 ± 21	36.7	81.5	-1.53
LOI (550°C)	% DM	5.08 ± 0.197	4.02 ± 0.12	0.508	79.2	-3.40
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.1 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	65.3 ± 6.5	8.77	81.9	-1.07
Nickel	mg/kg DM	319 ± 13.8	262 ± 34	35	82.3	-0.81
Selenium	mg/kg DM	2.47 ± 0.315	4.39 ± 0.45	0.52	177	2.01
Silver	mg/kg DM	6.68 ± 0.673	5.68 ± 0.95	1.34	85	-0.50
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	31 ± 3.4	5.63	93.6	-0.29
Tin	mg/kg DM	168 ± 10.1	133 ± 21	23.5	79.1	-0.81
TOC (as C)	mg/kg DM	17700 ± 817	- ± -	1950	-	-
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	62.1 ± 10	7.07	87.9	-0.42
Zinc	mg/kg DM	3120 ± 73	2470 ± 197	312	79.2	-1.62



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

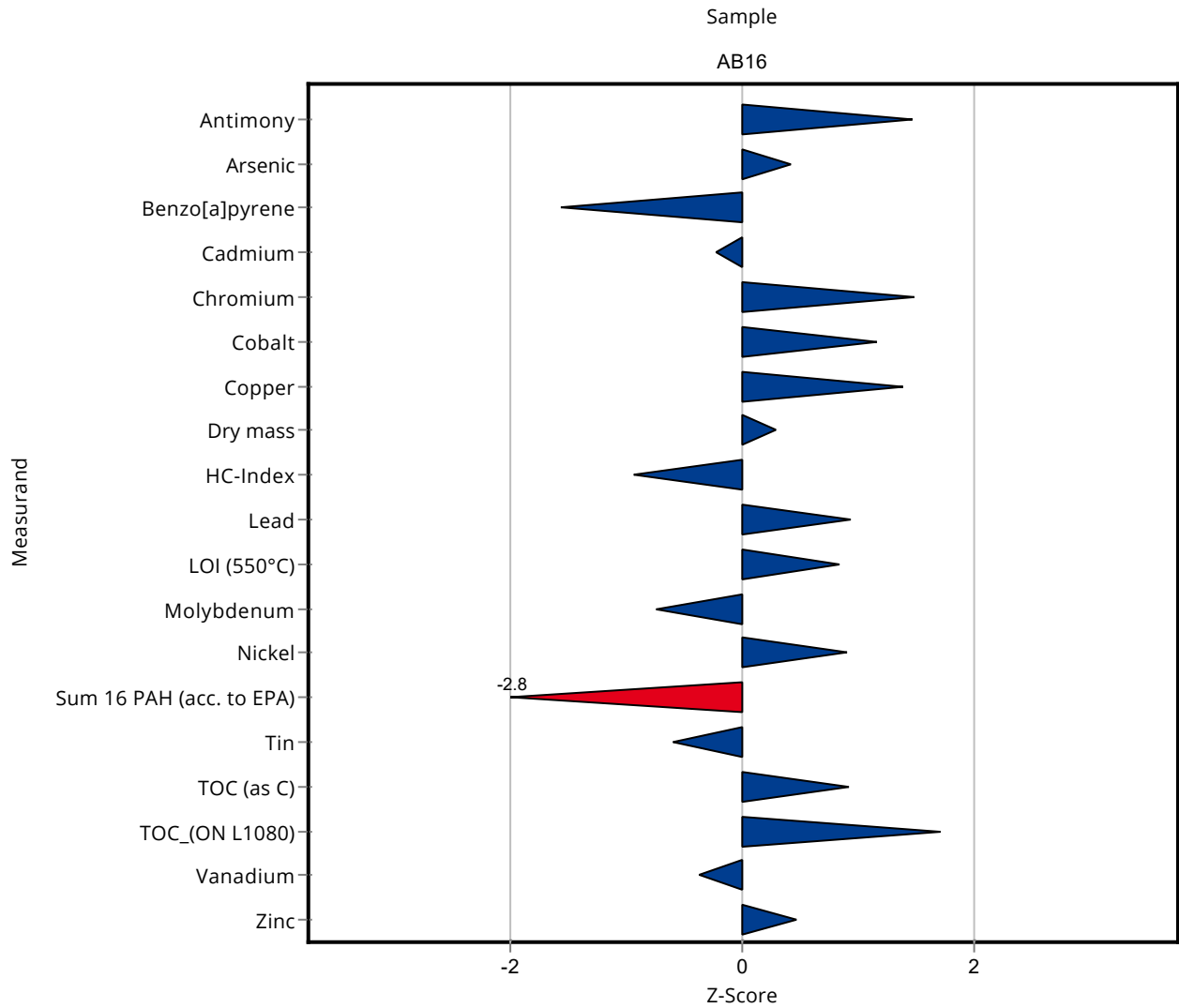
Labcode: LC0028

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	194 ± 12	18.4	116	1.46
Arsenic	mg/kg DM	16.6 ± 1.64	18.3 ± 0.7	3.99	110	0.42
Barium	mg/kg DM	- ± -	4520 ± 190	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	2.728 ± 0.21	1.36	56.2	-1.56
Cadmium	mg/kg DM	5.14 ± 0.16	5.02 ± 0.29	0.514	97.7	-0.23
Chromium	mg/kg DM	384 ± 19.5	452 ± 23	46.1	118	1.47
Cobalt	mg/kg DM	69.6 ± 4.24	80.9 ± 4.6	9.75	116	1.16
Copper	mg/kg DM	2610 ± 80.7	2970 ± 190	261	114	1.38
Dry mass	%	97.9 ± 0.143	98.3 ± 0.6	1.47	100	0.28
HC-Index	mg/kg DM	258 ± 51.7	140 ± 7.6	124	54.3	-0.95
Lead	mg/kg DM	367 ± 14.2	401 ± 23	36.7	109	0.93
LOI (550°C)	% DM	5.08 ± 0.197	5.5 ± 0.35	0.508	108	0.84
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.5 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	73.2 ± 2.4	8.77	91.8	-0.75
Nickel	mg/kg DM	319 ± 13.8	350 ± 18	35	110	0.90
Selenium	mg/kg DM	2.47 ± 0.315	<10 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	<10 (LOQ) ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	17.2 ± 1.5	5.63	51.9	-2.83
Tin	mg/kg DM	168 ± 10.1	154 ± 6	23.5	91.6	-0.60
TOC (as C)	mg/kg DM	17700 ± 817	19500 ± 1200	1950	110	0.91
TOC_(ON L1080)	% DM	2.24 ± 0.509	3.35 ± 0.21	0.65	150	1.71
Vanadium	mg/kg DM	70.7 ± 2.57	68 ± 3.1	7.07	96.2	-0.38
Zinc	mg/kg DM	3120 ± 73	3260 ± 200	312	105	0.45

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0028

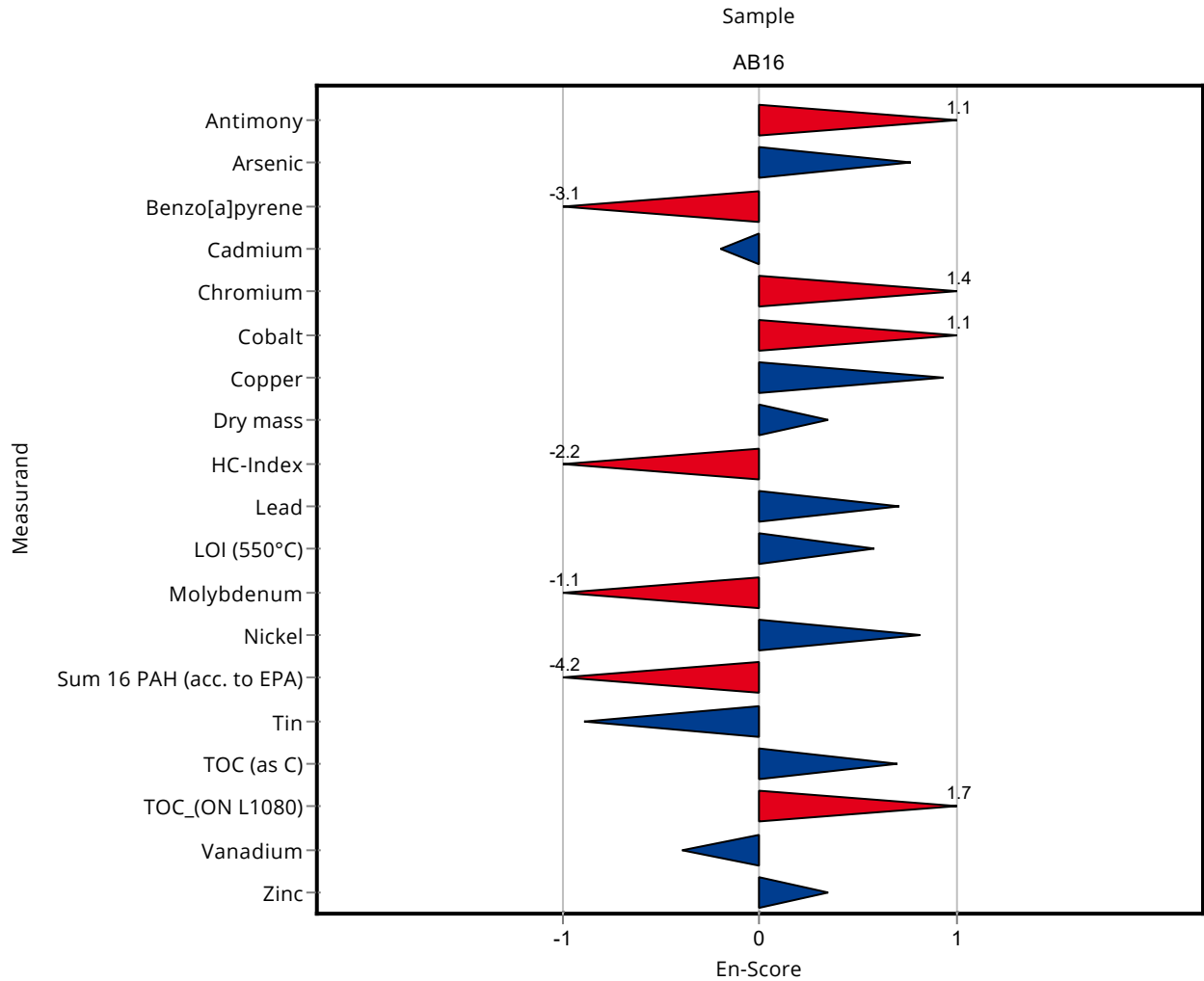


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0028

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	194 ± 12	18.4	116	1.06
Arsenic	mg/kg DM	16.6 ± 1.64	18.3 ± 0.7	3.99	110	0.77
Barium	mg/kg DM	- ± -	4520 ± 190	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	2.728 ± 0.21	1.36	56.2	-3.12
Cadmium	mg/kg DM	5.14 ± 0.16	5.02 ± 0.29	0.514	97.7	-0.20
Chromium	mg/kg DM	384 ± 19.5	452 ± 23	46.1	118	1.36
Cobalt	mg/kg DM	69.6 ± 4.24	80.9 ± 4.6	9.75	116	1.11
Copper	mg/kg DM	2610 ± 80.7	2970 ± 190	261	114	0.93
Dry mass	%	97.9 ± 0.143	98.3 ± 0.6	1.47	100	0.34
HC-Index	mg/kg DM	258 ± 51.7	140 ± 7.6	124	54.3	-2.18
Lead	mg/kg DM	367 ± 14.2	401 ± 23	36.7	109	0.71
LOI (550°C)	% DM	5.08 ± 0.197	5.5 ± 0.35	0.508	108	0.58
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.5 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	73.2 ± 2.4	8.77	91.8	-1.10
Nickel	mg/kg DM	319 ± 13.8	350 ± 18	35	110	0.82
Selenium	mg/kg DM	2.47 ± 0.315	<10 (LOQ) ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	<10 (LOQ) ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	17.2 ± 1.5	5.63	51.9	-4.17
Tin	mg/kg DM	168 ± 10.1	154 ± 6	23.5	91.6	-0.90
TOC (as C)	mg/kg DM	17700 ± 817	19500 ± 1200	1950	110	0.70
TOC_(ON L1080)	% DM	2.24 ± 0.509	3.35 ± 0.21	0.65	150	1.68
Vanadium	mg/kg DM	70.7 ± 2.57	68 ± 3.1	7.07	96.2	-0.40
Zinc	mg/kg DM	3120 ± 73	3260 ± 200	312	105	0.35



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

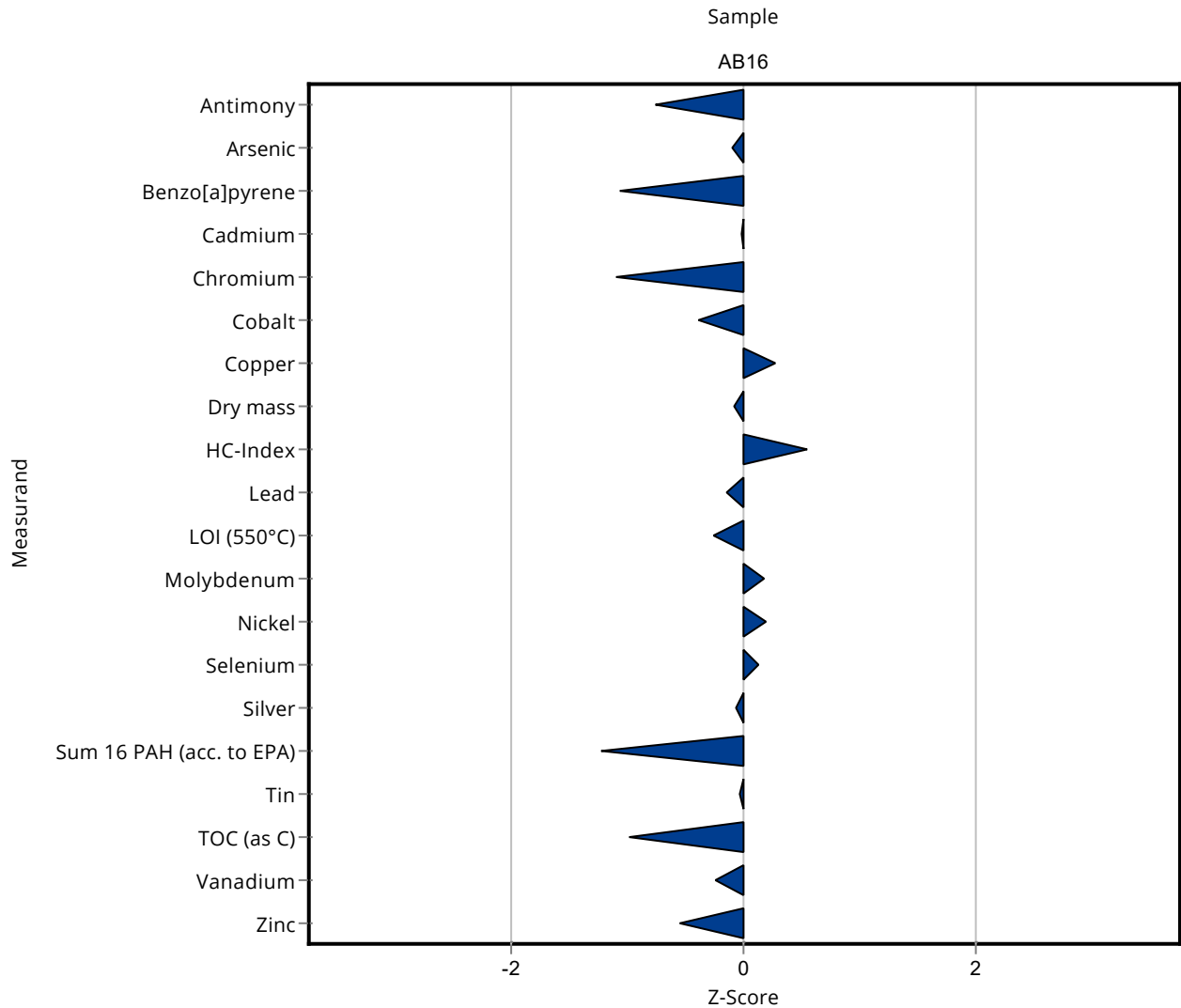
Labcode: LC0029

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	153 ± 18.4	18.4	91.5	-0.77
Arsenic	mg/kg DM	16.6 ± 1.64	16.2 ± 2.75	3.99	97.4	-0.11
Barium	mg/kg DM	- ± -	224 ± 44.7	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.39 ± 1.017	1.36	69.8	-1.08
Cadmium	mg/kg DM	5.14 ± 0.16	5.13 ± 0.56	0.514	99.8	-0.02
Chromium	mg/kg DM	384 ± 19.5	333 ± 40	46.1	86.7	-1.11
Cobalt	mg/kg DM	69.6 ± 4.24	65.8 ± 6.58	9.75	94.5	-0.39
Copper	mg/kg DM	2610 ± 80.7	2679 ± 777	261	103	0.27
Dry mass	%	97.9 ± 0.143	97.75 ± 6	1.47	99.9	-0.09
HC-Index	mg/kg DM	258 ± 51.7	324.2 ± 113.47	124	126	0.54
Lead	mg/kg DM	367 ± 14.2	361 ± 83	36.7	98.4	-0.16
LOI (550°C)	% DM	5.08 ± 0.197	4.94 ± 0.4	0.508	97.3	-0.27
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.05 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	81.2 ± 8.12	8.77	102	0.17
Nickel	mg/kg DM	319 ± 13.8	325 ± 32.5	35	102	0.18
Selenium	mg/kg DM	2.47 ± 0.315	2.54 ± 0.33	0.52	103	0.13
Silver	mg/kg DM	6.68 ± 0.673	6.59 ± 0.79	1.34	98.6	-0.07
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	26.17 ± 7.851	5.63	79	-1.23
Tin	mg/kg DM	168 ± 10.1	167 ± 45.1	23.5	99.4	-0.04
TOC (as C)	mg/kg DM	17700 ± 817	15791.333 ± 1894.96	1950	89.1	-0.99
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	68.9 ± 10.33	7.07	97.5	-0.25
Zinc	mg/kg DM	3120 ± 73	2944 ± 736	312	94.4	-0.56

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0029



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16 - En-Score

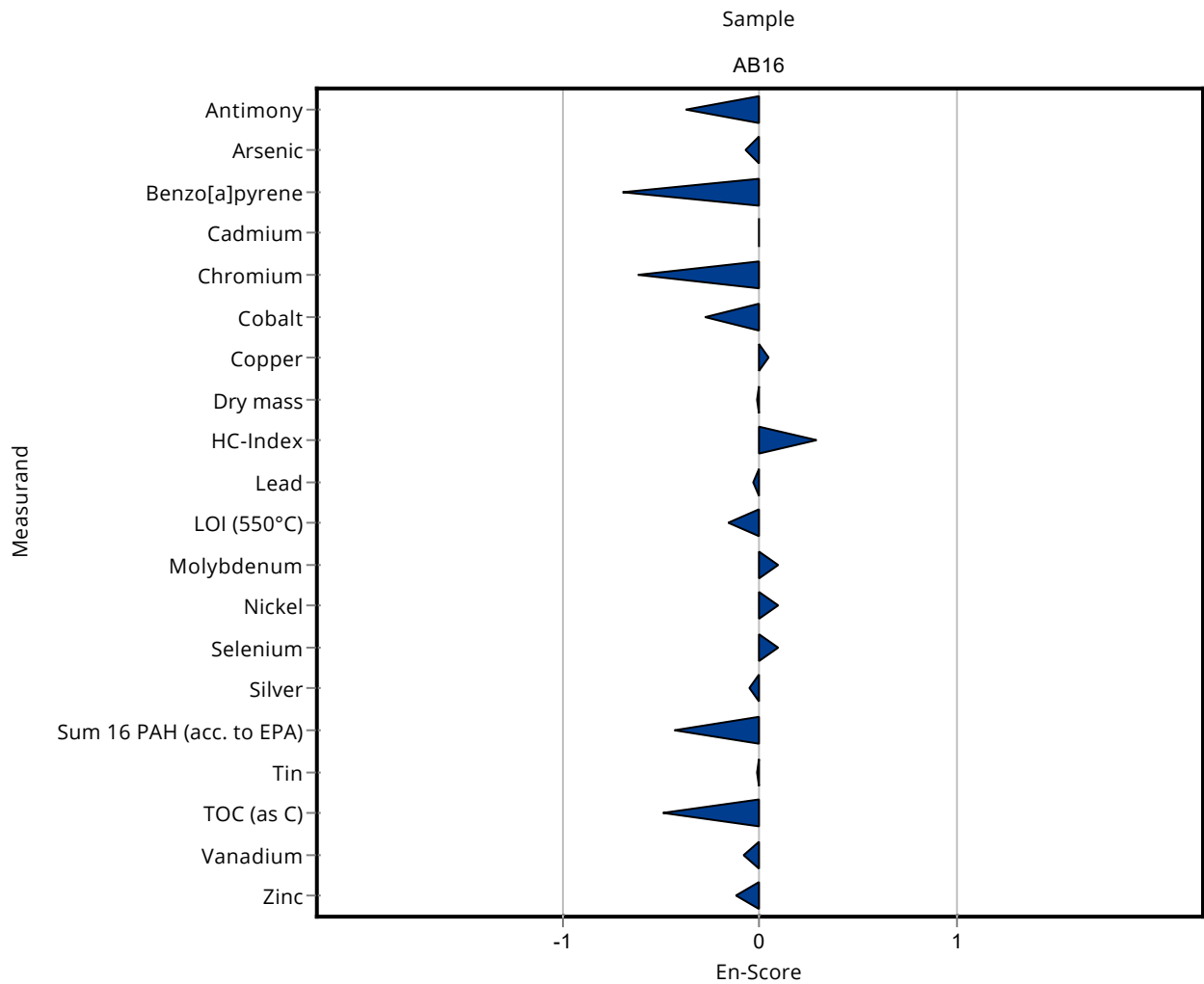
Labcode: LC0029

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	153 ± 18.4	18.4	91.5	-0.38
Arsenic	mg/kg DM	16.6 ± 1.64	16.2 ± 2.75	3.99	97.4	-0.08
Barium	mg/kg DM	- ± -	224 ± 44.7	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.39 ± 1.017	1.36	69.8	-0.70
Cadmium	mg/kg DM	5.14 ± 0.16	5.13 ± 0.56	0.514	99.8	-0.01
Chromium	mg/kg DM	384 ± 19.5	333 ± 40	46.1	86.7	-0.62
Cobalt	mg/kg DM	69.6 ± 4.24	65.8 ± 6.58	9.75	94.5	-0.28
Copper	mg/kg DM	2610 ± 80.7	2679 ± 777	261	103	0.04
Dry mass	%	97.9 ± 0.143	97.75 ± 6	1.47	99.9	-0.01
HC-Index	mg/kg DM	258 ± 51.7	324.2 ± 113.47	124	126	0.29
Lead	mg/kg DM	367 ± 14.2	361 ± 83	36.7	98.4	-0.03
LOI (550°C)	% DM	5.08 ± 0.197	4.94 ± 0.4	0.508	97.3	-0.17
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.05 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	81.2 ± 8.12	8.77	102	0.09
Nickel	mg/kg DM	319 ± 13.8	325 ± 32.5	35	102	0.10
Selenium	mg/kg DM	2.47 ± 0.315	2.54 ± 0.33	0.52	103	0.09
Silver	mg/kg DM	6.68 ± 0.673	6.59 ± 0.79	1.34	98.6	-0.05
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	26.17 ± 7.851	5.63	79	-0.44
Tin	mg/kg DM	168 ± 10.1	167 ± 45.1	23.5	99.4	-0.01
TOC (as C)	mg/kg DM	17700 ± 817	15791.333 ± 1894.96	1950	89.1	-0.50
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	68.9 ± 10.33	7.07	97.5	-0.08
Zinc	mg/kg DM	3120 ± 73	2944 ± 736	312	94.4	-0.12

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16 - En-Score

Labcode: LC0029



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

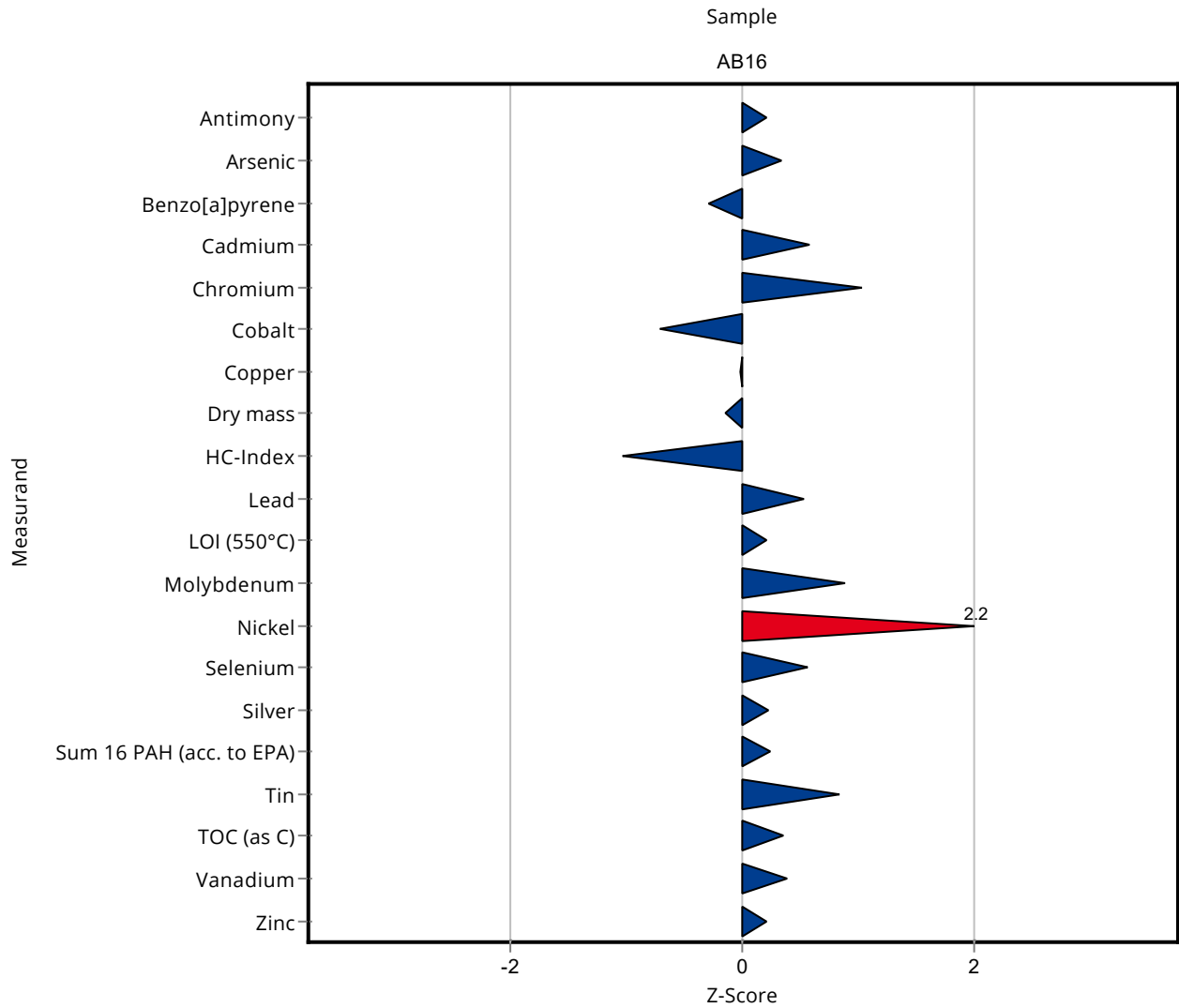
Labcode: LC0030

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	170.8 ± 33.137	18.4	102	0.19
Arsenic	mg/kg DM	16.6 ± 1.64	17.94 ± 3.093	3.99	108	0.33
Barium	mg/kg DM	- ± -	1685.9 ± 215.804	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	4.449 ± 0.67	1.36	91.6	-0.30
Cadmium	mg/kg DM	5.14 ± 0.16	5.43 ± 0.649	0.514	106	0.57
Chromium	mg/kg DM	384 ± 19.5	431.6 ± 52.662	46.1	112	1.03
Cobalt	mg/kg DM	69.6 ± 4.24	62.7 ± 8.93	9.75	90	-0.71
Copper	mg/kg DM	2610 ± 80.7	2603.8 ± 343.12	261	99.8	-0.02
Dry mass	%	97.9 ± 0.143	97.65 ± 7.8	1.47	99.8	-0.16
HC-Index	mg/kg DM	258 ± 51.7	128.48 ± 22	124	49.9	-1.04
Lead	mg/kg DM	367 ± 14.2	385.9 ± 56.398	36.7	105	0.52
LOI (550°C)	% DM	5.08 ± 0.197	5.18 ± 0.51	0.508	102	0.20
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.2 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	87.5 ± 17.5	8.77	110	0.89
Nickel	mg/kg DM	319 ± 13.8	396.2 ± 31.068	35	124	2.22
Selenium	mg/kg DM	2.47 ± 0.315	2.76 ± 0.513	0.52	112	0.55
Silver	mg/kg DM	6.68 ± 0.673	6.98 ± 1.229	1.34	104	0.22
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	34.41 ± 11	5.63	104	0.23
Tin	mg/kg DM	168 ± 10.1	187.5 ± 32.625	23.5	112	0.83
TOC (as C)	mg/kg DM	17700 ± 817	18400 ± 5851	1950	104	0.35
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	73.3 ± 12.741	7.07	104	0.37
Zinc	mg/kg DM	3120 ± 73	3182.4 ± 387.994	312	102	0.20

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0030

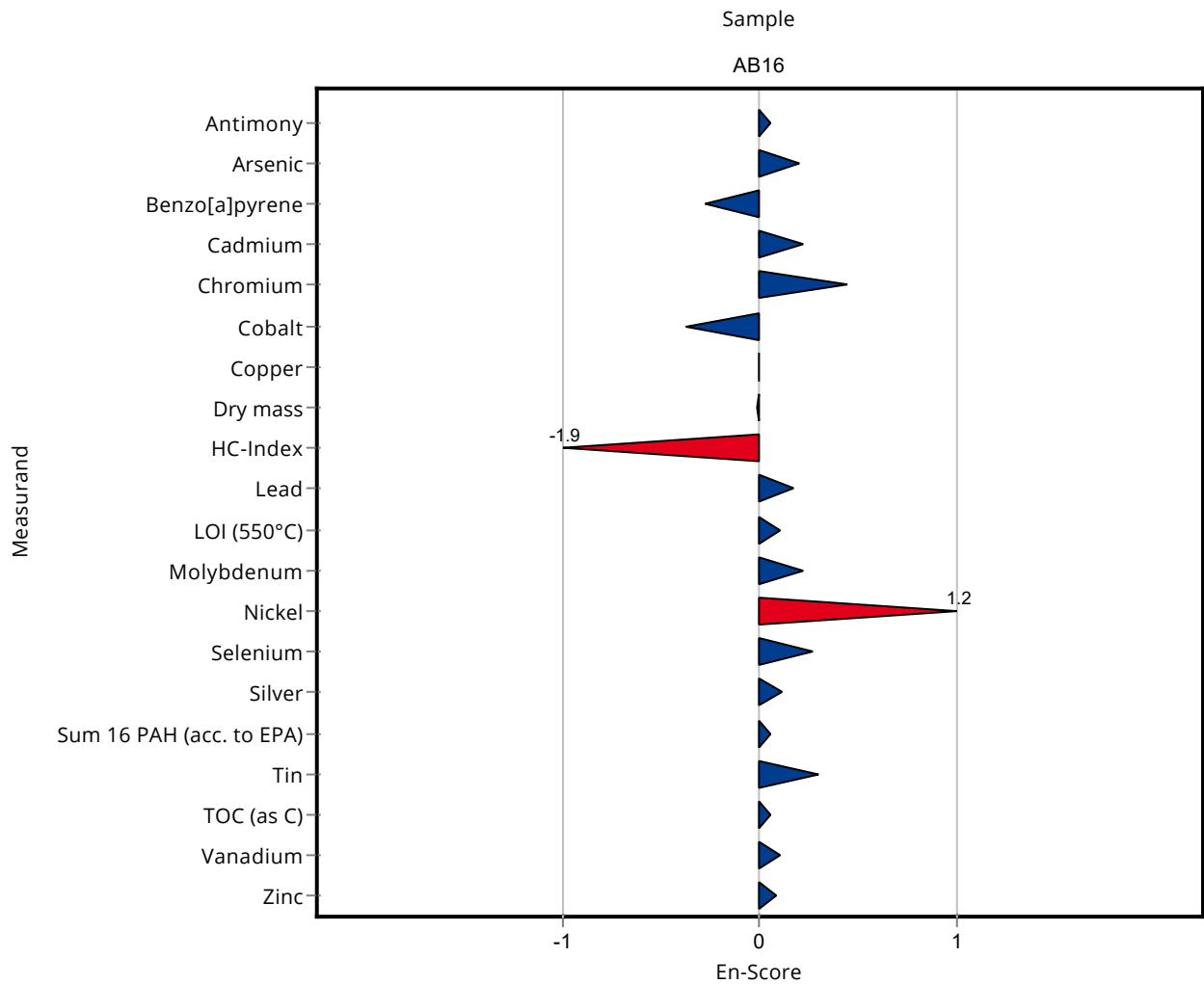


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0030

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	170.8 ± 33.137	18.4	102	0.05
Arsenic	mg/kg DM	16.6 ± 1.64	17.94 ± 3.093	3.99	108	0.20
Barium	mg/kg DM	- ± -	1685.9 ± 215.804	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	4.449 ± 0.67	1.36	91.6	-0.28
Cadmium	mg/kg DM	5.14 ± 0.16	5.43 ± 0.649	0.514	106	0.22
Chromium	mg/kg DM	384 ± 19.5	431.6 ± 52.662	46.1	112	0.44
Cobalt	mg/kg DM	69.6 ± 4.24	62.7 ± 8.93	9.75	90	-0.38
Copper	mg/kg DM	2610 ± 80.7	2603.8 ± 343.12	261	99.8	-0.01
Dry mass	%	97.9 ± 0.143	97.65 ± 7.8	1.47	99.8	-0.02
HC-Index	mg/kg DM	258 ± 51.7	128.48 ± 22	124	49.9	-1.90
Lead	mg/kg DM	367 ± 14.2	385.9 ± 56.398	36.7	105	0.17
LOI (550°C)	% DM	5.08 ± 0.197	5.18 ± 0.51	0.508	102	0.10
Mercury	mg/kg DM	0.0312 ± 0.00664	<0.2 (LOQ) ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	87.5 ± 17.5	8.77	110	0.22
Nickel	mg/kg DM	319 ± 13.8	396.2 ± 31.068	35	124	1.22
Selenium	mg/kg DM	2.47 ± 0.315	2.76 ± 0.513	0.52	112	0.27
Silver	mg/kg DM	6.68 ± 0.673	6.98 ± 1.229	1.34	104	0.12
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	34.41 ± 11	5.63	104	0.06
Tin	mg/kg DM	168 ± 10.1	187.5 ± 32.625	23.5	112	0.29
TOC (as C)	mg/kg DM	17700 ± 817	18400 ± 5851	1950	104	0.06
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	73.3 ± 12.741	7.07	104	0.10
Zinc	mg/kg DM	3120 ± 73	3182.4 ± 387.994	312	102	0.08



Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

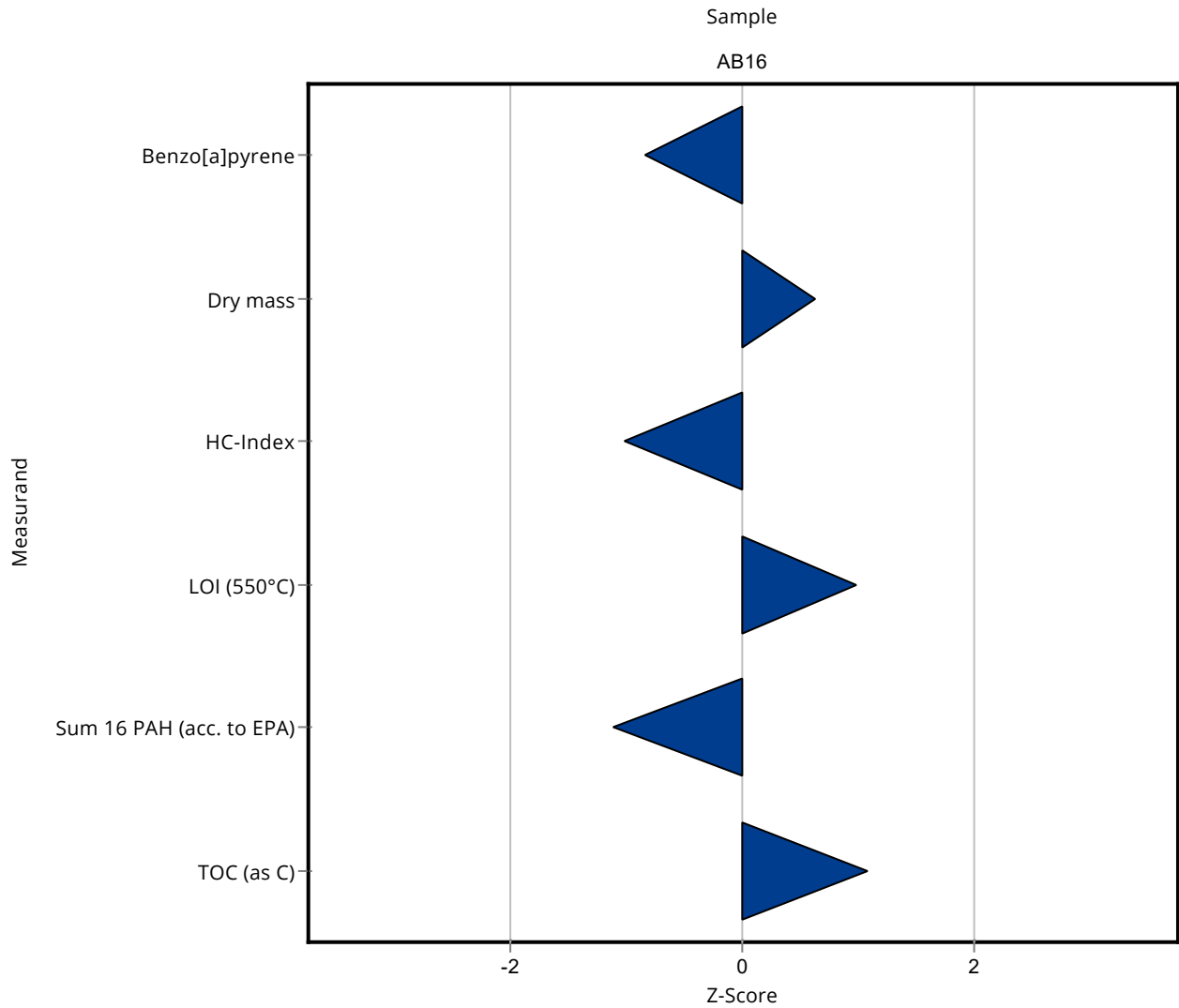
Labcode: LC0031

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.71 ± 0.45	1.36	76.4	-0.84
Cadmium	mg/kg DM	5.14 ± 0.16	- ± -	0.514	-	-
Chromium	mg/kg DM	384 ± 19.5	- ± -	46.1	-	-
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	- ± -	261	-	-
Dry mass	%	97.9 ± 0.143	98.8 ± 1.2	1.47	101	0.62
HC-Index	mg/kg DM	258 ± 51.7	131 ± 20	124	50.9	-1.02
Lead	mg/kg DM	367 ± 14.2	- ± -	36.7	-	-
LOI (550°C)	% DM	5.08 ± 0.197	5.57 ± 0.056	0.508	110	0.97
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	- ± -	35	-	-
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	26.8 ± 4.15	5.63	80.9	-1.12
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	19800 ± 990	1950	112	1.07
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	- ± -	312	-	-

Summary of results Waste acc. to landfill directive (Austria) (total content) -
AB16

Labcode: LC0031

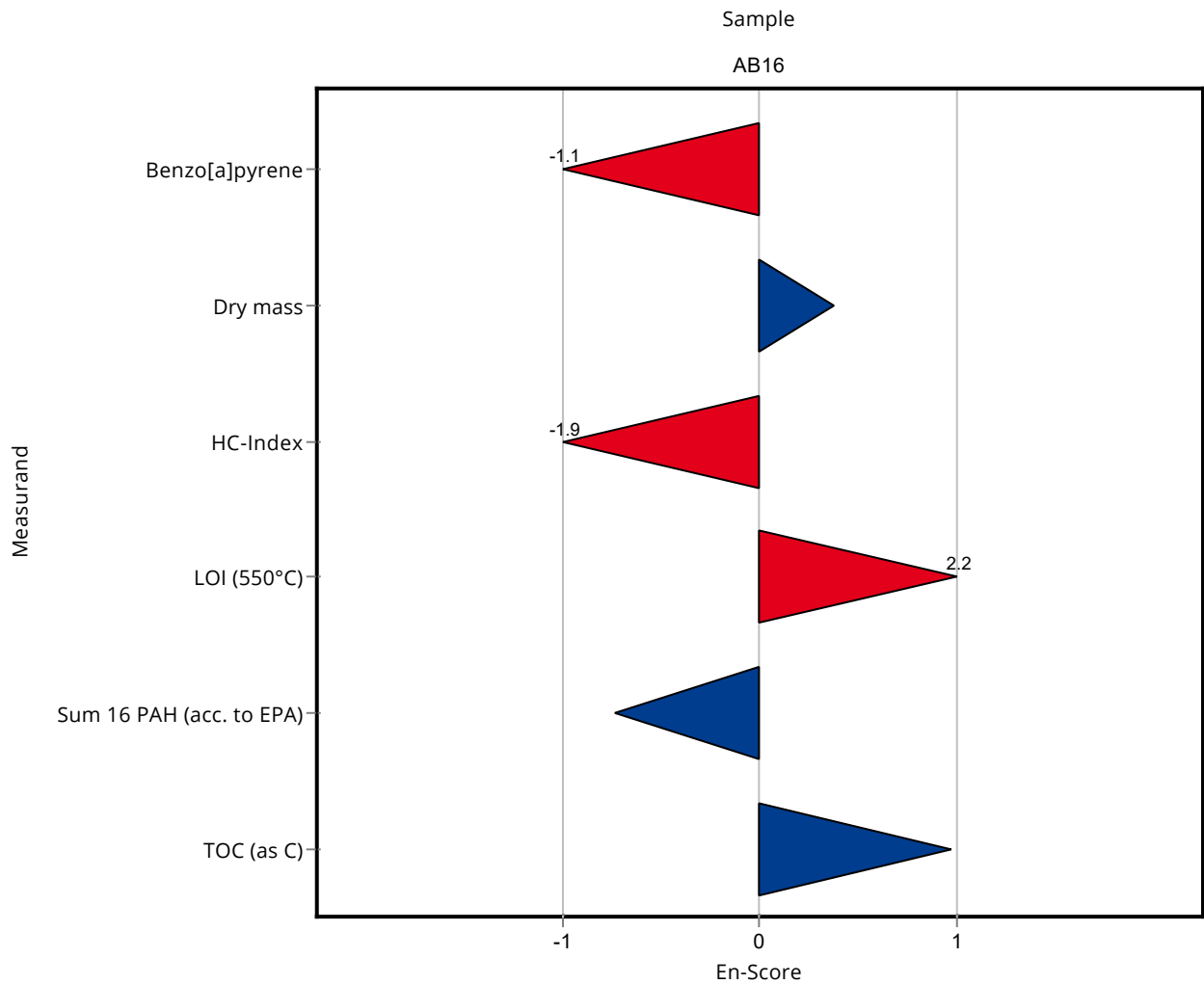


Summary of results Waste acc. to landfill directive (Austria) (total content) -
 AB16 - En-Score

Labcode: LC0031

Sample: AB16

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Antimony	mg/kg DM	167 ± 7.62	- ± -	18.4	-	-
Arsenic	mg/kg DM	16.6 ± 1.64	- ± -	3.99	-	-
Barium	mg/kg DM	- ± -	- ± -	-	-	-
Benzo[a]pyrene	mg/kg DM	4.86 ± 0.538	3.71 ± 0.45	1.36	76.4	-1.09
Cadmium	mg/kg DM	5.14 ± 0.16	- ± -	0.514	-	-
Chromium	mg/kg DM	384 ± 19.5	- ± -	46.1	-	-
Cobalt	mg/kg DM	69.6 ± 4.24	- ± -	9.75	-	-
Copper	mg/kg DM	2610 ± 80.7	- ± -	261	-	-
Dry mass	%	97.9 ± 0.143	98.8 ± 1.2	1.47	101	0.38
HC-Index	mg/kg DM	258 ± 51.7	131 ± 20	124	50.9	-1.94
Lead	mg/kg DM	367 ± 14.2	- ± -	36.7	-	-
LOI (550°C)	% DM	5.08 ± 0.197	5.57 ± 0.056	0.508	110	2.18
Mercury	mg/kg DM	0.0312 ± 0.00664	- ± -	0.00997	-	-
Molybdenum	mg/kg DM	79.7 ± 3.49	- ± -	8.77	-	-
Nickel	mg/kg DM	319 ± 13.8	- ± -	35	-	-
Selenium	mg/kg DM	2.47 ± 0.315	- ± -	0.52	-	-
Silver	mg/kg DM	6.68 ± 0.673	- ± -	1.34	-	-
Sum 16 PAH (acc. to EPA)	mg/kg DM	33.1 ± 2.36	26.8 ± 4.15	5.63	80.9	-0.73
Tin	mg/kg DM	168 ± 10.1	- ± -	23.5	-	-
TOC (as C)	mg/kg DM	17700 ± 817	19800 ± 990	1950	112	0.97
TOC_(ON L1080)	% DM	2.24 ± 0.509	- ± -	0.65	-	-
Vanadium	mg/kg DM	70.7 ± 2.57	- ± -	7.07	-	-
Zinc	mg/kg DM	3120 ± 73	- ± -	312	-	-



E9. Methodenübersicht / Overview of methods

LabCode	Sample	digestion details	Silver	Arsenic	Cadmium
LC0001	AB16	EN 13657 9.2; 1g + 10 ml aqua regia; filtration		EN 17294-2; E29	EN 17294-2; E29
LC0002	AB16				
LC0003	AB16				
LC0004	AB16	EN 13657 9.2; 0.5g + 5ml HNO ₃ +1ml HCl; centrifuge	EN 11885; E22	EN 17294-2;	EN 17294-2;
LC0005	AB16	EN 13567; amended microwave programme; 1g + 12 ml aqua regia; filtration	EN 11885;	EN 11885;	EN 11885;
LC0006	AB16	EN 13657 9.2; 20min 190-195°C; 0.2g - 0.5g + 8ml aqua regia; filtration	EN 11885;	EN 17294-2;	EN 15527;
LC0007	AB16		EN 17294-2;	EN 11885;	EN 11885;
LC0008	AB16			EN 22036; EN 13657	EN 22036; EN 13657
LC0009	AB16		EN 11885;	EN 11885;	EN 11885;
LC0010	AB16	EN 13657 9.2; 0.5g + 8 ml aqua regia; centrifuge	EN 17294-2;	EN 17294-2;	EN 17294-2;
LC0011	AB16	EN 13567 9.2; 0.2-0.5g + 8ml aqua regia; filtration 0.45µm		EN 17294-2; EN 13657; ICP-MS	EN 17294-2; EN 13657; ICP-MS
LC0012	AB16				
LC0013	AB16			EN 17294-2; digestion with aqua regia (EN 13657)	EN 17294-2; digestion with aqua regia (EN 13657)
LC0014	AB16				
LC0015	AB16	EN 13657 9.4; thermal digestion (reflux); 1.5g + 15 ml aqua regia; allow to settle	EN 17294-2; E29	EN 17294-2; E29	EN 17294-2; E29
LC0016	AB16	EN 13567 9.2; 0.5g + 12 ml aqua regia; filtration	EN 16171;	EN 16171;	EN 16171;
LC0017	AB16				
LC0018	AB16	EN 13657 9.4; thermal digestion (reflux); 1g + 10 ml aqua regia; centrifuge	EN 16171; ICP-MS	EN 16171; ICP-MS	EN 16171; ICP-MS

LC0019	AB16	microwave unit; temperature programme; 1g + 16ml aqua regia; filtration	EN 11885; EN 13657	EN 11885; EN 13657	EN 11885; EN 13657
LC0020	AB16	EN 13657 9.2; 0.5g + 8ml aqua regia (+ 2ml H ₂ O); filtration	EN 11885; ICP-OES	EN 11885; ICP-OES	EN 11885; ICP-OES
LC0021	AB16	EN 13657 9.2; 0.4g + 8 ml aqua regia; filtration	EN 16171;	EN 16171;	EN 16171;
LC0022	AB16		EN 11885;	EN 11885;	EN 11885;
LC0023	AB16	EN 13657 9.4; thermal digestion (reflux); 3g + 28ml aqua regia; filtration	EN 11885;	EN 11885;	EN 11885;
LC0024	AB16	microwave digestion (220°C); 0.25-0.5g + 6ml aqua regia; allow to settle	TQ-ICP-MS; digestion with aqua regia (microwave)	TQ-ICP-MS; digestion with aqua regia (microwave)	TQ-ICP-MS; digestion with aqua regia (microwave)
LC0025	AB16				
LC0026	AB16	EN 13657 9.2; 0.3g + 8 ml aqua regia; filtration			EN 11885; EN 13657
LC0027	AB16	EN 13657 9.2; 1g + 16 ml aqua regia; filtration	EN 11885; E22; EN 13657	EN 11885; E22; EN 13657	EN 11885; E22; EN 13657
LC0028	AB16	EN 13657 9.2; 0.5g + 8 ml aqua regia; centrifuge	EN 11885; EN 13657	EN 11885; EN 13657	EN 11885; EN 13657
LC0029	AB16	thermal digestion (reflux); EN 54321 A2; 0.5-0.75g + 8 ml aqua regia; centrifuge	EN 17294-2;	EN 17294-2;	EN 17294-2;
LC0030	AB16	EN 13657 9.2; 0.5g + 8ml aqua regia; filtration 0.45µm	EN 16171;	EN 16171;	EN 16171;
LC0031	AB16				

LabCode	Sample	Chromium	Copper	Mercury	Nickel
LC0001	AB16	EN 11885; E22	EN 11885; E22	ISO 16772;	EN 11885; E22
LC0002	AB16				
LC0003	AB16				
LC0004	AB16	EN 17294-2;	EN 17294-2;	EN 12846;	EN 17294-2;
LC0005	AB16	EN 11885;	EN 11885;	EN 1483;	EN 11885;
LC0006	AB16	EN 11885;	EN 11885;	EN 12846;	EN 11885;
LC0007	AB16	EN 11885;	EN 11885;	EN 16175;	EN 11885;
LC0008	AB16	EN 22036; EN 13657	EN 22036; EN 13657	EN 17852; E35; EN 13657	EN 22036; EN 13657
LC0009	AB16	EN 11885;	EN 11885;	EN 12846;	EN 11885;

LC0010	AB16	EN 17294-2;	EN 17294-2;	EN 17294-2;	EN 17294-2;
LC0011	AB16	EN 17294-2; EN 13657; ICP-MS	EN 17294-2; EN 13657; ICP-MS	EPA 7473; AAS	EN 17294-2; EN 13657; ICP-MS
LC0012	AB16				
LC0013	AB16	EN 17294-2; digestion with aqua regia (EN 13657)	EN 17294-2; digestion with aqua regia (EN 13657)	EN 17294-2; digestion with aqua regia (EN 13657)	EN 17294-2; digestion with aqua regia (EN 13657)
LC0014	AB16				
LC0015	AB16	EN 17294-2; E29	EN 17294-2; E29	EN 17294-2; E29	EN 17294-2; E29
LC0016	AB16	EN 16171;	EN 16171;	EN 12846;	EN 16171;
LC0017	AB16				
LC0018	AB16	EN 16171; ICP-MS	EN 16171; ICP-MS	EN 16171; ICP-MS	EN 16171; ICP-MS
LC0019	AB16	EN 11885; EN 13657	EN 11885; EN 13657	EN 16175-1;	EN 11885; EN 13657
LC0020	AB16	EN 11885; ICP-OES	EN 11885; ICP-OES	EN 11885; ICP-OES	EN 11885; ICP-OES
LC0021	AB16	EN 16171;	EN 16171;	EN 16171;	EN 16171;
LC0022	AB16	EN 11885;	EN 11885;	EN 12846;	EN 11885;
LC0023	AB16	EN 11885;	EN 11885;	EN 12846;	EN 11885;
LC0024	AB16	TQ-ICP-MS; digestion with aqua regia (microwave)	TQ-ICP-MS; digestion with aqua regia (microwave)	AAS; digestion with aqua regia (microwave); Hg-Analyzer	TQ-ICP-MS; digestion with aqua regia (microwave)
LC0025	AB16				
LC0026	AB16	EN 11885; EN 13657	EN 11885; EN 13657	EN ISO 12846; EN 13657	EN 11885; EN 13657
LC0027	AB16	EN 11885; E22; EN 13657	EN 11885; E22; EN 13657	EN 17852; EN 13657	EN 11885; E22; EN 13657
LC0028	AB16	EN 11885; EN 13657	EN 11885; EN 13657	EN 11885; EN 13657	EN 11885; EN 13657
LC0029	AB16	EN 17294-2;	EN 17294-2;	ISO 16772;	EN 17294-2;
LC0030	AB16	EN 16171;	EN 16171;	EN 16171;	EN 16171;
LC0031	AB16				

LabCode	Sample	Lead	Selenium	Zinc	Benzo[a]pyrene
LC0001	AB16	EN 11885; E22		EN 11885; E22	ISO 18287;
LC0002	AB16				ISO 18287;
LC0003	AB16				ISO 18287;
LC0004	AB16	EN 17294-2;	EN 17294-2;	EN 17294-2;	ISO 18287; GC-MS
LC0005	AB16	EN 11885;	EN 11885;	EN 11885;	ON L 1200;
LC0006	AB16	EN 17294-2;	EN 17294-2;	EN 11885;	EN 15527;
LC0007	AB16	EN 11885;	EN 17294-2;	EN 11885;	EN 17503;
LC0008	AB16	EN 22036; EN 13657	EN 22036; EN 13657	EN 22036; EN 13657	ISO 13877;
LC0009	AB16	EN 11885;	EN 11885;	EN 11885;	ISO 18287; shake extraction (acetone/hexane)

LC0010	AB16	EN 17294-2;	EN 17294-2;	EN 17294-2;	DIN 38414-23;
LC0011	AB16	EN 17294-2; EN 13657; ICP-MS	EN 17294-2; EN 13657; ICP-MS	EN 17294-2; EN 13657; ICP-MS	
LC0012	AB16				ISO 18287;
LC0013	AB16	EN 17294-2; digestion with aqua regia (EN 13657)	EN 17294-2;	EN 17294-2; digestion with aqua regia (EN 13657)	ISO 18287;
LC0014	AB16				
LC0015	AB16	EN 17294-2; E29	EN 17294-2; E29	EN 17294-2; E29	EN 17503;
LC0016	AB16	EN 16171;	EN 16171;	EN 16171;	EN 15527;
LC0017	AB16				EN 16181; GC-MS
LC0018	AB16	EN 16171; ICP-MS	EN 16171; ICP-MS	EN 16171; ICP-MS	EN 15527; GC-MS
LC0019	AB16	EN 11885; EN 13657	EN 11885; EN 13657	EN 11885; EN 13657	EN 17503;
LC0020	AB16	EN 11885; ICP-OES	EN 11885; ICP-OES	EN 11885; ICP-OES	ON L 1200; GC-MS
LC0021	AB16	EN 16171;	EN 16171;	EN 16171;	EN 16181;
LC0022	AB16	EN 11885;	EN 11885;	EN 11885;	EN 15527;
LC0023	AB16	EN 11885;	EN 11885;	EN 11885;	ISO 18287;
LC0024	AB16	TQ-ICP-MS; digestion with aqua regia (microwave)	TQ-ICP-MS; digestion with aqua regia (microwave)	TQ-ICP-MS; digestion with aqua regia (microwave)	GC-MS/MS; Edge extraction
LC0025	AB16				
LC0026	AB16	EN 11885; EN 13657		EN 11885; EN 13657	
LC0027	AB16	EN 11885; E22; EN 13657	EN 11885; E22; EN 13657	EN 11885; E22; EN 13657	ISO 18287;
LC0028	AB16	EN 11885; EN 13657	EN 11885; EN 13657	EN 11885; EN 13657	EN 17503; US; HPLC
LC0029	AB16	EN 17294-2;	EN 17294-2;	EN 17294-2;	ISO 18287;
LC0030	AB16	EN 16171;	EN 16171;	EN 16171;	EN 15527;
LC0031	AB16				ISO 18287; GC-MS

LabCode	Sample	HC-Index	Antimony	Sum 16 PAH (acc. to EPA)	TOC (as C)
LC0001	AB16	EN 14039;		ISO 18287;	EN 15936;
LC0002	AB16	EN 14039;		calculated;	EN 15936;
LC0003	AB16	EN 14039;		ISO 18287;	EN 15936;
LC0004	AB16	EN 14039; LAGA KW/04	EN 17294-2;	ISO 18287; GC-MS	EN 15936;
LC0005	AB16	EN 14039;	EN 11885;	ON L 1200;	EN 13137;
LC0006	AB16	EN 14039;	EN 17294-2;	EN 15527;	EN 15936;
LC0007	AB16	EN 14039;	EN 17294-2;	EN 17503;	EN 15936;
LC0008	AB16	EN 14039;	EN 22036; EN 13657	ISO 13877;	EN 15936;
LC0009	AB16	EN 14039; shake extraction (acetone/hexane)	EN 11885;	ISO 18287; shake extraction (acetone/hexane)	EN 15936;

LC0010	AB16	EN 14039;	EN 17294-2;	DIN 38414-23;	EN 15936;
LC0011	AB16		EN 17294-2; EN 13657; ICP-MS		
LC0012	AB16			ISO 18287;	
LC0013	AB16		EN 17294-2; digestion with aqua regia (EN 13657)	ISO 18287;	EN 15936;
LC0014	AB16	EN 14039;			
LC0015	AB16	EN 14039;	EN 17294-2; E29	EN 17503;	EN 15936;
LC0016	AB16	EN 14039;	EN 16171;	EN 15527;	EN 15936;
LC0017	AB16	EN 14039; GC		EN 16181; GC-MS	
LC0018	AB16	EN 14039;	EN 16171; ICP-MS	EN 15527; GC-MS	EN 15936; Method B
LC0019	AB16	EN 14039;	EN 11885; EN 13657	EN 17503;	EN 15936;
LC0020	AB16	EN 14039; GC	EN 11885; ICP-OES	ON L 1200; GC-MS	EN 15936; TOC dif.
LC0021	AB16	EN 14039;	EN 16171;	EN 16181;	EN 15936;
LC0022	AB16	EN 14039;	EN 11885;	EN 15527;	EN 15936;
LC0023	AB16	EN 14039;	EN 11885;	ISO 18287;	EN 15936;
LC0024	AB16	ISO 16703;	TQ-ICP-MS; digestion with aqua regia (microwave)	GC-MS/MS; Edge extraction	DIN 19539; Method A; TOC400+ROC
LC0025	AB16				
LC0026	AB16		EN 11885; EN 13657		EN 15936;
LC0027	AB16	EN 14039; LAGA KW/04	EN 11885; E22; EN 13657	ISO 18287;	
LC0028	AB16	EN 14039; US (n-Hexane); GC-FID	EN 11885; EN 13657	EN 17503; US; HPLC	EN 13137;
LC0029	AB16	EN 14039;	EN 17294-2;	ISO 18287;	EN 15936;
LC0030	AB16	EN 14039;	EN 16171;	EN 15527;	EN 15936;
LC0031	AB16	EN 14039;		ISO 18287; GC-MS	EN 15936;

LabCode	Sample	Barium	Cobalt	Molybdenum	Vanadium
LC0001	AB16				
LC0002	AB16				
LC0003	AB16				
LC0004	AB16	EN 17294-2;	EN 17294-2;	EN 17294-2;	EN 17294-2;
LC0005	AB16	EN 11885;	EN 11885;	EN 11885;	EN 11885;
LC0006	AB16	EN 11885;	EN 11885;	EN 11885;	EN 11885;
LC0007	AB16	EN 17294-2;	EN 17294-2;	EN 17294-2;	EN 17294-2;
LC0008	AB16	EN 22036; EN 13657	EN 22036; EN 13657	EN 22036; EN 13657	EN 22036; EN 13657
LC0009	AB16	EN 11885;	EN 11885;	EN 11885;	EN 11885;
LC0010	AB16		EN 17294-2;	EN 17294-2;	EN 17294-2;

LC0011	AB16		EN 17294-2; EN 13657; ICP-MS	EN 17294-2; EN 13657; ICP-MS	EN 17294-2; EN 13657; ICP-MS
LC0012	AB16				
LC0013	AB16		EN 17294-2; digestion with aqua regia (EN 13657)	EN 17294-2; digestion with aqua regia (EN 13657)	
LC0014	AB16				
LC0015	AB16	EN 17294-2; E29	EN 17294-2; E29	EN 17294-2; E29	EN 17294-2; E29
LC0016	AB16	EN 16171;	EN 16171;	EN 16171;	EN 16171;
LC0017	AB16				
LC0018	AB16	EN 16171; ICP-MS	EN 16171; ICP-MS	EN 16171; ICP-MS	EN 16171; ICP-MS
LC0019	AB16		EN 11885; EN 13657	EN 11885; EN 13657	EN 11885; EN 13657
LC0020	AB16	EN 11885; ICP-OES	EN 11885; ICP-OES	EN 11885; ICP-OES	EN 11885; ICP-OES
LC0021	AB16	EN 16171;	EN 16171;	EN 16171;	EN 16171;
LC0022	AB16	EN 11885;	EN 11885;	EN 11885;	EN 11885;
LC0023	AB16	EN 11885;	EN 11885;	EN 11885;	EN 11885;
LC0024	AB16		TQ-ICP-MS; digestion with aqua regia (microwave)	TQ-ICP-MS; digestion with aqua regia (microwave)	TQ-ICP-MS; digestion with aqua regia (microwave)
LC0025	AB16				
LC0026	AB16	EN 11885; EN 13657		EN 11885; EN 13657	EN 11885; EN 13657
LC0027	AB16	EN 11885; E22; EN 13657	EN 11885; E22; EN 13657	EN 11885; E22; EN 13657	EN 11885; E22; EN 13657
LC0028	AB16	EN 11885; EN 13657	EN 11885; EN 13657	EN 11885; EN 13657	EN 11885; EN 13657
LC0029	AB16	EN 17294-2;	EN 17294-2;	EN 17294-2;	EN 17294-2;
LC0030	AB16	EN 16171;	EN 16171;	EN 16171;	EN 16171;
LC0031	AB16				

LabCode	Sample	Tin	Dry mass	TOC_(ON L1080)	LOI (550°C)
LC0001	AB16		DIN 38409-1; H1		EN 15169;
LC0002	AB16		EN 15934;		EN 15169;
LC0003	AB16		EN 14346;		EN 16169;
LC0004	AB16	EN 17294-2;	EN 14346;		EN 15169;
LC0005	AB16	EN 11885;	EN 14346;		EN 15935;
LC0006	AB16	EN 11885;	EN 14346;	ON L 1080;	EN 15935;
LC0007	AB16	EN 17294-2;	EN 14346;	*; EN 15936 - eliminated as technical outlier	EN 15169;
LC0008	AB16	EN 22036; EN 13657	EN 14346;		EN 15169;
LC0009	AB16	EN 11885;	EN 14346;		EN 15169;
LC0010	AB16	EN 17294-2;	EN 14346;		EN 15169;

LC0011	AB16	EN 17294-2; EN 13657; ICP-MS	EN 14346; furnace		EN 196-2; furnace
LC0012	AB16		EN 14346;		EN 15169;
LC0013	AB16		EN 14346;		EN 15169;
LC0014	AB16		EN 14346;		EN 15169;
LC0015	AB16	EN 17294-2; E29	EN 14346;		EN 15935;
LC0016	AB16	EN 16171;	EN 14346;		EN 15935;
LC0017	AB16		EN 14346;		EN 15935;
LC0018	AB16	EN 16171; ICP-MS	EN 14346; Method A	ON L 1080;	EN 15935;
LC0019	AB16	EN 11885; EN 13657	EN 14346;		EN 15935;
LC0020	AB16	EN 11885; ICP-OES	EN 14346; dry mass	ON L 1080; 600 (T)	EN 12879; muffle furnace
LC0021	AB16	EN 16171;	EN 14346;	ON L 1080;	EN 15935;
LC0022	AB16	EN 11885;	EN 14346;	ON L 1080;	EN 15935;
LC0023	AB16	EN 11885;	EN 14346;	ON L 1080;	EN 15169;
LC0024	AB16	TQ-ICP-MS; digestion with aqua regia (microwave)	EN 12880;		EN 15935;
LC0025	AB16				
LC0026	AB16	EN 11885; EN 13657	EN 14346;		EN 15169;
LC0027	AB16	EN 11885; E22; EN 13657	EN 15934;		EN 15169;
LC0028	AB16	EN 11885; EN 13657	EN 14346;	ON L 1080;	EN 15935;
LC0029	AB16	EN 17294-2;	EN 14346;		EN 15935;
LC0030	AB16	EN 16171;	EN 15934;		EN 15935;
LC0031	AB16		EN 14346;		EN 15169;