

**The Appendix is an integral part of
Certificate of Accreditation No. 268/2024 of 10/06/2024**

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

ORGREZ, a.s.

CAB number 1733, Testing Laboratory Ostrava
Počáteční 1879/19, 710 00 Ostrava - Slezská Ostrava

The laboratory is qualified to carry out standalone sampling.

Detailed information on activities within the scope of accreditation (determined analytes, source literature, tested subject) is given in the section „Specification of the scope of accreditation“

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
1	Determination of sulphates by ion chromatography with conductivity detection	SOP 01/514 (ČSN EN 14791)	Absorption solution	-
2	Determination of chlorides by ion chromatography with conductivity detection	SOP 03/514 (ČSN EN 1911; ČSN EN ISO 10304-1)	Absorption solution	-
3	Determination of fluorides by ion chromatography with conductivity detection	SOP 04/514 (ČSN P CEN/TS 17340; ČSN EN ISO 10304-1)	Absorption solution	-
4	Determination of ammonia by ion chromatography with conductivity detection	SOP 05/514 (ČSN 83 4728; ČSN EN ISO 10304-1)	Absorption solution	-
5	Determination of mercury by atomic absorption spectrometry with AMA254 analyzer	SOP 06/514 (ČSN 13211; AMA 254 User Manual)	Absorption solution, filter, waste and surface water, aqueous extracts, solid materials	-
6	Determination of anions by ion chromatography	SOP 07/514 (ČSN EN ISO 10304-1)	Waste and surface water, aqueous extracts	-
7	Determination of pH by potentiometry	SOP 08/514 (ČSN EN 27888)	Waste and surface water, aqueous extracts	-
8	Determination of electrical conductivity	SOP 08/514 (ČSN ISO 10523)	Waste and surface water, aqueous extracts	-
9	Determination of dissolved solids by gravimetry	SOP 09/514 (ČSN EN 15216)	Waste and surface water, aqueous extracts	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
10	Determination of elements by ICP-MS method	SOP 10/514 (ČSN EN 14385; ČSN EN ISO 11885)	Absorption solution, rinse solution, filter, waste and surface water, aqueous extracts, solid materials	-

¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

³ the laboratory does not apply a flexible approach to the scope of accreditation

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
6	bromides, nitrites, fluorides, phosphates, chlorides, sulphates
9	antimony, arsenic, barium, beryllium, boron, tin, potassium, phosphorus, aluminium, magnesium, chromium, cadmium, cobalt, silicon, lithium, manganese, copper, nickel, lead, selenium, sulphur, sodium, thallium, titanium, vanadium, calcium, zinc, iron

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (source literature)
5	AMA 254 Advanced Mercury Analyser – User Manual, Windows version 5.0.3, 2012

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (tested subject)
5 to 10	Aqueous extracts: according to Decree No. 294/2005 Coll. and Decree No. 273/2021 Coll.

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Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Subject of sampling
1	Manual sampling of bulk and granular materials	SOP 11/514 (ČSN 01 5111)	Bulk and granular materials

¹ if the document identifying the sampling procedure is dated, only these specific procedures are used. If the document identifying the sampling procedure is not dated, the latest edition of the specified procedure is used (including any changes)

Explanations:

SOP – Standard Operating Procedure

ICP-MS – Inductively Coupled Plasma Mass Spectrometry

AMA 254 – single purpose atomic absorption spectrometer

"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself."