

**The Appendix is an integral part of
Certificate of Accreditation No. 7/2022 of 03/01/2022**

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

Sev.en Inntech, a.s.
Sev.en Inntech, a.s. – Laboratory
Čepirohy 108, 434 67 Most

Tests:

Ordinal number¹	Test procedure/ method name	Test procedure/ method identification²	Tested object
1	Determination of water content by gravimetry	SOP 03 (ČSN 44 1377)	Brown coal
2	Determination of ash content by gravimetry	SOP 04 (ČSN ISO 1171)	Brown coal
3	Determination of gross calorific value by calorimetric method and calculation of net calorific value from the measured values	SOP 05 (ČSN ISO 1928)	Brown coal
4	Determination of water, ash and volatile matter content using LECO TGA analyzer by gravimetry	SOP 06 (ČSN 44 1377, ČSN ISO 1171, ČSN ISO 5071-1)	Brown coal
5	Determination of sulfur content by IR spectrometry - instrumentation method using LECO analyzer and determination of specific sulphur content by calculation from the measured values	SOP 07 (ČSN ISO 19579, Regulation No. 415/2012 Coll.)	Brown coal
6	Determination of carbon and hydrogen content by infrared detection using LECO analyzer and calculation of oxygen from the measured values	SOP 08 (ČSN ISO 29541, ČSN ISO 17247)	Brown coal
7	Determination of nitrogen by thermal conductivity detection using LECO analyzer	SOP 08 except chap. 3.3 (ČSN ISO 29541)	Brown coal
8	Determination of the content of volatile matter by gravimetry	SOP 11 (ČSN ISO 5071 - 1)	Brown coal
9	Determination of ash composition on SPECTRO XEPOS analyzer by x-ray spectral analysis – Fe ₂ O ₃ , MgO, SiO ₂ , CaO, Al ₂ O ₃	SOP 12 (ČSN 44 1358, ČSN ISO 13605)	Brown coal

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Ordinal number¹	Test procedure/ method name	Test procedure/ method identification²	Tested object
10	Determination of trace elements using SPECTRO XEPOS analyzer by x-ray spectral analysis (Ti, V, Cr, Mn, Ni, Cu, Zn, As, Sr, Ba, Pb)	SOP 13 (ČSN ISO 23380, ČSN ISO 13605)	Brown coal

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 edition of the specified procedure is used (including any changes)