

**The Appendix is an integral part of
Certificate of Accreditation No: 587/2023 of 08/11/2023**

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

K M K GRANIT, a.s.
CAB number 1626, KMK GRANIT Laboratory
Živcový lom Krásno, 357 31 Krásno

The laboratory applies a flexible approach to the scope of accreditation.

The current list of activities carried out within the flexible scope is publicly available on the laboratory's website <http://www.kmkgranit.cz/875/certifikace/>.

Detailed information on activities within the scope of accreditation (determined analytes) is given in the section "Specification of the scope of accreditation".

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Chemical analysis by X-ray fluorescent spectrometer and by calculation of metals from measured data	PD-SOP-113 (manual ARL ERFORM X, Manual ElvaX Pro; ČSN 72 1370; DIN 51001)	Silicate raw materials and silicate-based products	B
2	Loss on ignition (1100°C) by gravimetry	PD-SOP-114/A (ČSN 72 0103)	Silicate raw materials and silicate-based products	-
3	Loss on ignition (1000°C) by thermogravimetry	PD-SOP-114/B (manual LECO TGA801)	Feldspar, kaoline	-

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)

³ degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
1	SiO ₂ , Al ₂ O ₃ , Fe ₂ O ₃ , TiO ₂ , CaO, MgO, K ₂ O, Na ₂ O, P ₂ O ₅ , Cs, Cu, Mn, Nb, Rb, Sn, Ta, W, Zn; determination feldspar content, sum of alkali (K ₂ O + Na ₂ O), ratio of alkali (K ₂ O/Na ₂ O), Si, Al, Fe, Ti, Ca, Mg, K, Na, P