



**EA MLA Signatory**  
**Český institut pro akreditaci, o.p.s.**  
**Hájkova 2747/22, Žižkov, 130 00 Praha 3**

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products, as amended

# CERTIFICATE OF ACCREDITATION

No. 699/2024

**K M K GRANIT, a.s.**  
**with registered office Mírová 545, 357 31 Krásno,**  
**Company Registration No. 46884556**

for the Testing Laboratory No. 1626  
KMK GRANIT Laboratory

Scope of accreditation:

Chemical analysis and determination of loss on ignition of silicate raw materials and silicate-based ceramic products to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of Accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2018

In its activities performed within the scope and for the period of validity of this Certificate, the Conformity Assessment Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Accredited Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited Conformity Assessment Body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 587/2023 of 08/11/2023, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **19/12/2029**

Prague: 19/12/2024



**Jan Velíšek**  
Director of the Department  
of Testing and Calibration Laboratories  
Czech Accreditation Institute



**The Appendix is an integral part of  
Certificate of Accreditation No: 699/2024 of 19/12/2024**

**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 available on the laboratory's website <http://www.kmkgranit.cz/875/certifikace/> in the form of the „List of activities within the flexible scope of accreditation“*

*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 <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
1	Determination of elements and oxides by X-ray fluorescence spectrometer and calculation of elements, feldspar content and alkali ratio from the measured values	PD-SOP-113 (manual ARL PERFORM'X; Manual ElvaX Pro; ČSN 72 1370; DIN 51001)	Silicate raw materials and silicate-based products	B
2	Determination of loss on ignition by gravimetry (1,100°C)	PD-SOP-114/A (ČSN 72 0103)	Silicate raw materials and silicate-based products	-
3	Determination of loss on ignition by thermogravimetry (1,000°C)	PD-SOP-114/B (manual LECO TGA801)	Feldspar, kaoline	-

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

<sup>2</sup> 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)

<sup>3</sup> 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	Determination: SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , Cs, Cu, Mn, Nb, Rb, Sn, Ta, W, Zn Calculation from measured values: feldspar content (K <sub>2</sub> O+Na <sub>2</sub> O), ratio of alkali (K <sub>2</sub> O/Na <sub>2</sub> O), Si, Al, Fe, Ti, Ca, Mg, K, Na, P

*"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.*

