

**The Appendix is an integral part of
Certificate of Accreditation No. 57/2023 of 08/02/2023**

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

VÁPENKA VITOŠOV s.r.o.
Lime Testing Laboratory
č.p.54, 789 01 Hrabová

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1	Determination of loss by ignition	SOP 1 (Test specifications 1, part 9.1.)	Limestone, lime, hydrate of lime
2	Rapid determination of CaO content (total alkalinity) by titration, determination of CaCO ₃ +MgCO ₃ by calculation from measured values	SOP 2 (Test specifications 2, part C 01)	Limestone, lime, hydrate of lime
3	Determination of free lime by titration	SOP 3 (Test specifications 2, part C 03)	Limestone, hydrate of lime
4	Determination of reactivity by monitoring the temperature change during lime slaking	SOP 4 (ČSN EN 459-2)	Lime
5	Test of particle size distribution by elutriation	SOP 5 (Test specifications 2, part P 02)	Limestone, lime, hydrate of lime
6	Determination of CO ₂ and loss on ignition by IR analyzer	SOP 6 (Manual for CW 800) ³	Limestone, lime, hydrate of lime
7	Reserved		
8	Determination of SO ₃ and CO ₂ by IR analyzer	SOP 8 (Manual for CS 500) ⁴	Limestone, lime, hydrate of lime
9	Determination of Fe, Mg, Al, Si by AAS flame method, Fe ₂ O ₃ , MgO, Al ₂ O ₃ , SiO ₂ by calculation from measured values	SOP 9 (Manual for SavantAA) ⁵	Limestone, lime, hydrate of lime

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 Manual for CW 800 instrument, manufactured by ELTRA GmbH., issued on 07/08

⁴ Manual for CS 500 instrument, manufactured by ELTRA GmbH., issued on 11/04

⁵ Manual for SavantAA 300 instrument, GBS, issued on 05/09

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Explanatory notes:

Test specifications 1 - Test specifications of the German lime industry, part Chemical tests of lime, November 1995,

Test specifications 2 - Test specifications of the German lime industry, part Chemical and physical tests of mortars, November 1995,

IR - Infrared

AAS - Atomic Absorption Spectrometer