



STS Directory

Accreditation number: STS 0125

International standard: ISO/IEC 17025:2017
Swiss standard: SN EN ISO/IEC 17025:2018

RMS Foundation
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Internet: <http://www.rms-foundation.ch>
Initial accreditation: 05.09.1995
Current accreditation: 18.08.2025 to 17.08.2030
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 18.08.2025

Testing laboratory for chemical and materialographic analyses as well as physical and mechanical testing of materials and medical devices

Group of products or materials, field of activity	Principle of measurement ³⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
METALLIC AND NON-METALLIC MATERIALS AND MEDICAL DEVICES	Chemical and physical analyses <ul style="list-style-type: none">X-ray spectroscopy (XRD, XRF, REM-EDX)X-ray photoelectron spectroscopy (XPS)Infrared spectroscopy (FTIR)Mass spectrometry (ICP-MS)Optical emission spectroscopy (OES)Carrier gas hot extraction (CGHE)	



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Group of products or materials, field of activity	Principle of measurement ³⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
	<ul style="list-style-type: none">• Determination of carbon and nitrogen (TIC, TOC, TN)• Differential scanning calorimetry (DSC)• Determination of the specific surface area (BET-method)• pH measurement• Layer thickness and conductivity measurements• Gravimetric analyses• Corrosion measurements• Topography and roughness measurement• Dissolution tests and solubility product of calcium phosphates <p>Mechanical and physical analyses</p> <ul style="list-style-type: none">• Tensile test• Compression test• Bending test• Torsion test• Notched-bar impact-bending test• Static and dynamic component tests• Wear tests• Hardness tests (Vickers / Shore)• • Packaging test• Particle analyses• Technical cleanliness• Contact angle measurement• Aging test	

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Group of products or materials, field of activity	Principle of measurement ³⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
	Microcopy and Materialographic analysis <ul style="list-style-type: none"> • Scanning electron microscopy (SEM) • Optical light microscopy • Failure Analysis • Determination of the macro- and microstructure • Purity of materials, • Non-metallic inclusions • Porosity • Phase fractions • Coating thickness measurement • 	

In case of contradictions in the language versions of the directories, the German version shall apply.

The testing laboratory maintains a list with detailed information on the activities within the scope of accreditation. It is available upon request at the laboratory.

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