



STS Directory

Accreditation number: STS 0490

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

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Initial accreditation: 05.09.2007
Current accreditation: 05.09.2022 to 04.09.2027
Scope of accreditation see: www.sas.admin.ch (Accredited bodies)

Scope of accreditation as of 25.04.2023

Testing laboratory for chemical, physical and microbiological analyses for certification of reference materials

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)
CHEMICAL REFERENCE MATERIALS Organic compounds	<i>Spectrometry</i> Identity by NMR Determination of content using: Quantitative high-performance NMR (qNMR) <i>Chromatography</i> Quantitative determination of main and minor components using: - LC-MS (IDMS) - LC-MS	 in-house procedures in-house procedures in-house procedures in-house procedures



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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)
Organic and inorganic compounds	- LC-CAD	in-house procedures
	- LC-UV	in-house procedures
	- GC-MS	in-house procedures
	- GC-FID	in-house procedures
	- GC-MS (IDMS)	in-house procedures
Organic and inorganic compounds	<i>Gravimetry</i> Mass determination by high-precision weighing	in-house procedures
Organic and inorganic compounds	<i>Titration</i> Quantitative determination of main component by metrological high-precision titration	in-house procedures
Organic and inorganic compounds	<i>Spectrometry</i> Quantitative determination of main component using:	in-house procedures
	- ICP-OES	
	Quantitative determination of minor components using	
	- ICP-MS	
Organic and inorganic compounds	- AAS	in-house procedures
	- ICP-OES	in-house procedures
	<i>Chromatography</i> Quantitative determination of main and minor components using IC	in-house procedures
	Solutions	<i>Gravimetry</i> Gravimetric preparation of homogeneous solutions using pure or highly pure starting materials
Solutions	Physical methods	standardized procedure
	Determination of density by oscillating U-tube	
Solutions	Gravimetric density determination with volumetric flask	in-house procedures
Solutions	<i>Titration</i>	



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	Bacteria Yeast Mould	

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 testing laboratory.

Abbreviation	Signification
AAS	Atomic absorption spectrometry
CAD	Charged aerosol detector
CRM	Certified reference material
GC-FID	Gas chromatography with flame ionization detector
GC-MS	Gas chromatography coupled with mass spectrometry
IC	Ion chromatography
ICP-MS	Inductively coupled plasma combined with mass spectrometry
ICP-OES	Inductively coupled plasma optical emission spectrometry
IDMS	Isotope dilution mass spectrometry
LC-CAD	Liquid chromatography with charged aerosol detector
LC-MS	Liquid chromatography coupled with mass spectrometry
LC-UV	Liquid chromatography with ultraviolet detection
NMR	Nuclear magnetic resonance

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