



## STS Directory

Accreditation number: STS 0408

International standard: ISO/IEC 17025:2017

Swiss standard: SN EN ISO/IEC 17025:2018

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Initial accreditation: 24.05.2004  
Current accreditation: 24.05.2024 bis 23.05.2029  
Scope of accreditation see: [www.sas.admin.ch](http://www.sas.admin.ch)  
(Accredited bodies)

### Scope of accreditation as of 24.05.2024

**Testing laboratory for analytical laboratory services in food, animal feed, water and environment, agronomy, luxury foods, cosmetics, pharma as well as for the development and performance of gene expression studies**

Group of products or materials, field of activity	Principle of measurement <sup>2), 3)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Tobacco, food and animal feed, seeds, plant material, pharmaceutical and cosmetic products	<b>Molecular biological methods for the detection of GMO <sup>3)</sup></b>  DNA extraction Qualitative PCR Quantitative real-time PCR  <b>Genotyping by molecular biological methods <sup>3)</sup></b>	Standard procedures and in-house test methods
Animal, plant and human tissues and cell cultures	DNA extraction Qualitative PCR Quantitative real-time PCR	In-house test methods



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Animal, plant and human tissues and cell cultures	<b>Molecular biological methods for the development and measurement of gene expression <sup>3)</sup></b>  RNA extraction Reverse Transcription Quantitative real-time PCR	Commercial and in-house test methods
Tobacco, food and animal feed, seeds, plant material, pharmaceutical and cosmetic products	<b>Molecular biological methods for the detection of animal and plant species <sup>3)</sup></b>  DNA extraction Qualitative PCR Quantitative real-time PCR	Standard procedures and in-house test methods
Food and feed, plant material, water and environmental samples	<b>Molecular biological methods for the detection of microorganisms and viruses <sup>3)</sup></b>  Qualitative real-time PCR for the detection of:  Salmonella spp. Campylobacter jejuni/coli Listeria monocytogenes Shigatoxin forming E. coli (STEC) Cronobacter sakazakii Norovirus Hepatitis A  <b>Microbiological methods</b>  <b>Quantitative determination by classical cultivation methods <sup>2)</sup></b>	Standard procedures, commercial and in-house test methods
Water (aqua purificata) for pharmaceutical and cosmetic products	Aerobic, mesophilic germs	Ph. Eur. 0008
Drinking water, bath water, shower water, other water and environmental samples	Aerobic, mesophilic germs Escherichia coli Enterococci Pseudomonas aeruginosa Legionella pneumophila	ISO 6222 modified acc. TBDV ISO 9308-1 ISO 7899-2 ISO 16266 ISO 11731 modified (SOP054)
Food and animal feed, seeds, plant material, water, environmental samples	Aerobic, mesophilic germs Enterobacteriaceae Escherichia coli Coagulase positive Staphylococci Bacillus cereus Yeast and moulds Pseudomonas spp. Listeria monocytogenes	ISO 4833 ISO 21528-2 ISO 16649-1 ISO 6888-2 ISO 7932 ISO 21527-1/2 ISO 13720 ISO 11290-2



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Food, feeding stuff	<b>Qualitative detection by enrichment <sup>2)</sup></b>  Salmonella spp. Cronobacter sakazakii Escherichia coli Shigatoxin forming E. coli (STEC) Listeria monocytogenes	ISO 6579 ISO/TS 22964 ISO 16649-2 ISO 13136 ISO 11290-1
	<b>Microbiological determination by MPN method <sup>2)</sup></b>  Aerobic, mesophilic germs Bacillus cereus Enterobacteriaceae Escherichia coli Coagulase positive Staphylococci Yeast and moulds	TEMPO® (Biomérieux)
	<b>Quantitative determination by elution, filtration and classical cultivation methods <sup>2)</sup></b>	
Medical devices, plastic materials	Aerobic, mesophilic germs Yeast & moulds Anaerobic, mesophilic germs	ISO11737-1
Cleaning solutions and swabs from endoscopes	Microbiological testing of the processing of endoscopes	SOP 641_Microbiological control of endoscope processing from cleaning solutions and swab samples based on the Swiss guideline for processing of flexible endoscopes
Food and animal feed, pharmaceutical products	<b>Immunochemical methods</b> <b>ELISA-methods <sup>3)</sup></b>	
	for the detection of: Allergens Mycotoxins	Standard procedures, commercial test methods
Food and animal feed, water, pharmaceutical products, plastic materials, consumer goods and medical devices	<b>Spectroscopic/ spectrometric methods</b>	
	<b>Ultraviolet/visible/fluorescence spectroscopy/spectrometry <sup>3)</sup></b>  for the detection of: Allergens Sugars Molecules	Standard procedures, commercial and in-house test methods



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Food and animal feed, water, pharmaceutical products, plastic materials, consumer goods and medical devices	<b>Biochemical methods <sup>3)</sup></b> Enzymatic activities	Standard procedures, commercial and in-house test methods

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

In the event of inconsistencies in the language versions of the lists, the German version shall apply.

Abbreviation	Signification
DNA	Desoxyribonucleic acid
ELISA	Enzyme-linked Immunosorbent Assay
GMO	Genetically modified organism
ISO	International Organization for Standardization
ISO/TS	ISO/Technical Spezifikation
MPN	Most Probable Number
PCR	Polymerase Chain Reaction
Ph. Eur.	European Pharmacopoeia
RNA	Ribonucleic acid
SOP	Standard operation procedure
TBDV	FDHA ordinance on Drinking Water and Water in Publicly Accessible Baths and Shower Facilities, Swiss Regulation

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