



STS Directory

Accreditation number: STS 0038

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

SQTS – Swiss Quality Testing Services
Lerzenstrasse 16
8953 Dietikon

Sites
Route de la Petite Glâne 28
1566 St-Aubin

Bresteneggstrasse 4
5033 Buchs

Head: Peggy Schuhmann
Responsible for MS: Patricia Petitpierre
Telephone: +41 58 577 10 00
E-Mail: info@sqts.ch
Internet: www.sqts.ch
Initial accreditation: 29.10.1993
Current accreditation: 27.05.2024 to 26.05.2029
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 19.12.2024

Testing laboratory for chemical, microbiological, molecular-biological, physical and technical studies

Group of products or materials, field of activity	Principle of measurement ^{2) 3)} (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
DIETIKON SITE Food, utility articles, food contact materials, cosmetics, animal feed	Gas Chromatography (GC)³⁾: - Flame ionization detector (FID): foreign substances and ingredients, fats, fat-accompanying substances - Mass Spectrometry detector (MS): plant protection products, foreign substances and ingredients, utility articles, food contact materials - MS-QToF/FID Screening	 Internal methods Internal methods, DIN, EN Internal methods



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Food, utility articles, food contact materials, cosmetics, animal feed	Liquid Chromatography (LC)³⁾: <ul style="list-style-type: none">- Ultraviolet/Visible detector (UV/Vis): additives, foreign substances and ingredients, vitamins, connective tissue protein- Fluorescence detector (FLD): foreign substances and ingredients, vitamins- Refractive Index detector (RI): carbohydrates- Mass Spectrometry detector (MS, MS/MS and TOF): foreign substances and ingredients, pharmacologically active substances, plant protection products, utility articles, food contact materials- MS-QToF Screening- Conductivity detector: anions/cations, biogenic amines- LC-GC-FID/MS: foreign substances- Gel Permeation Chromatography (GPC-GC/MS): plant protection products Spectroscopy³⁾: <ul style="list-style-type: none">- X-Ray Fluorescence analysis (XRF): heavy metals, metals and metalloids- Infrared Spectroscopy (IR) Spectrometry³⁾: <ul style="list-style-type: none">- UV/Vis Spectrometry: vitamins, additives, carbohydrates- Atomic Absorption Spectrometry (AAS)-FIAS: Mercury- Inductively Coupled Plasma (ICP)-MS: heavy metals, metals and metalloids	<p>Internal methods</p> <p>Internal methods</p> <p>Internal methods</p> <p>Internal methods, EN</p> <p>Internal methods</p> <p>Internal methods</p> <p>Internal methods</p> <p>Internal methods</p> <p>Internal methods</p> <p>Internal methods</p>



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Food, utility articles, food contact materials, cosmetics, animal feed	Titrimetric methods³⁾: <ul style="list-style-type: none">- Titrimetry/Potentiometry: additives, foreign substances and ingredients, proteins, sodium chloride, sulfites Dumas³⁾: <ul style="list-style-type: none">- Thermometry: proteins Physical methods³⁾: <ul style="list-style-type: none">- Gravimetric methods: water, ash content, fats, foreign substances and ingredients, dietary fibers, utility articles, food contact materials (migration)- Gerber's method (butyrometer): fats Biochemical methods³⁾: <ul style="list-style-type: none">- Enzymatic determinations: alcohol, additives Microbiology / Photometry / Turbidimetry³⁾: vitamins	ISO, internal methods ISO, AOCS AOAC, EN, ISO Internal methods Commercial methods Commercial methods
Textiles	Oxygen analyser³⁾: utility articles, food contact materials Wear fastness properties³⁾: <ul style="list-style-type: none">- Fastness to chlorinated pool water- Fastness to sea water- Fastness to rubbing- Fastness to perspiration- Fastness to washing- Washing characteristics and dimensional stability- Fastness to water- Fastness to light- Color fastness to saliva- m²-weight- Breaking strength (tensile properties)	According to the analyser's instruction manual ISO, EN, DIN or SN standards (partially modified)



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Consumer Goods	Mechanical, physical and electrical studies³⁾: <ul style="list-style-type: none">- length and geometries- torque- weight- temperature- humidity- illuminance- electrical power, voltage, electric current- visual examination Chemical studies: see utility articles, foreign substances	ISO, EN, DIN or SN standards, internal methods Internal methods
Toys	Chemical and physical studies: see utility articles, foreign substances	EN
ST-AUBIN SITE		
Food, animal feed	Titrimetric methods³⁾: <ul style="list-style-type: none">- Titrimetry: TVB-N	EN
Food	Biochemical methods³⁾: <ul style="list-style-type: none">- Enzymatic methods- ELISA analysis with antibody: allergens, antibiotics	Commercial methods
Food	<ul style="list-style-type: none">- Charm-Test (competitive immunoassay): antibiotics	
Food, feces, Pedisacs, swabs	Microbiological methods³⁾: <ul style="list-style-type: none">- Detection by culture analysis- Quantitative determination by culture analysis	ISO ISO, AFNOR, internal methods
Food, feed, animal tissue	Molecular biological methods³⁾: <ul style="list-style-type: none">- Nucleic acid extraction- Nucleic acid quantification PCR: <ul style="list-style-type: none">- Conventional qualitative PCR- Qualitative Real Time-PCR- Quantitative Real Time-PCR- Typing with PCR by restriction fragment length polymorphism (RFLP)	ISO, internal methods, literature methods, commercial methods ISO, EN, internal methods, literature methods, reference methods (JRC-CRL, ISAG)



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Typing of germs in food	Electrophoresis: - Agarose Gel Electrophoresis - Polyacrylamide gel electrophoresis (PAGE) Immunochemical methods: - ELISA Next Generation Sequencing³⁾	Internal methods, literature methods Commercial methods Commercial methods: MiSeq Illumina Internal methods: TBAMET001 und TBAMET002
Identification of bacteria in food	MALDI-TOF³⁾	Commercial method: Bruker MALDI Biotyper Sirius Internal method: TBAMET004
BUCHS SITE Food	Microbiological methods²⁾ Quantitative determination: - Aerobic mesophilic germs - Enterobacteria - Coagulase-positive staphylococci Qualitative determination: - Salmonella spp. - Listeria monocytogenes	 ISO 4833-1 (BMBMET23) ISO 21528-2 (BMBMET24) ISO 6888-1 mod. (BMBMET25) VIDAS (BMBMET26) VIDAS (BMBMET22)

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.

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



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Abbreviation	Signification
AAS	Atomic Absorption Spectroscopy
AFNOR	Association Française de Normalisation (French national organization for standardization)
AOAC	Association of Official Analytical Chemists, Official Methods of Analysis
AOCS	American Oil Chemists Society
CEN	European Committee for Standardization
DFG	Deutsche Forschungsgemeinschaft (German Research Foundation)
DIN	Deutsches Institut für Normung e.V. (German Institute for Standardization)
ELISA	Enzyme-Linked Immunosorbent Assay
ELSD	Evaporative Light Scattering Detection
EN	Europäische Norm (European Standard)
GC	Gas Chromatography
GC-MS	Gas Chromatography - Mass Spectrometry
GPC	Gel Permeation Chromatography
IR	Infrared Spectroscopy
ISAG	International Society for Animal Genetics
ISO	International Standard Organisation
JRC-CRL	Joint Research Center / Community Reference Laboratory
LC-MS	Liquid Chromatography - Mass Spectrometry
MS	Mass Spectrometry
PAGE	Polyacrylamide Gel Electrophoresis
PCR	Polymerase Chain Reaction
RFLP	Restriction Fragment Length Polymorphism
SN	Swiss Standard
TVB-N	Total Volatile Basic Nitrogen

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