



STS Directory

Accreditation number: STS 0038

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

<p>SQTS – Swiss Quality Testing Services Grünaustrasse 23 Postfach 702 8953 Dietikon</p> <p>Sites Route de l'Industrie 61 Postfach 135 1784 Courtepin</p> <p>Bresteneggstrasse 4 5033 Buchs</p>	<p>Head: Peggy Schuhmann</p> <p>Responsible for MS: Patricia Petitpierre</p> <p>Telephone: +41 58 577 10 00</p> <p>E-Mail: info@sqts.ch</p> <p>Internet: http://www.sqts.ch</p> <p>Initial accreditation: 29.10.1993</p> <p>Current accreditation: 27.05.2019 to 26.05.2024</p> <p>Scope of accreditation see: www.sas.admin.ch (Accredited bodies)</p>
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Scope of accreditation as of 14.08.2023

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)
<p>DIETIKON SITE</p> <p>Food, utility articles, food contact materials, cosmetics, animal feed</p>	<p>Gas Chromatography (GC):</p> <ul style="list-style-type: none"> - 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 	<p>Internal methods</p> <p>Internal methods, DIN, EN</p> <p>Internal methods</p>



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Food, utility articles, food contact materials, cosmetics, animal feed	<p>Liquid Chromatography (LC):</p> <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 <p>LC – GC – FID/ MS: foreign substances</p> <p>Gel Permeation Chromatography (GPC – GC/MS): plant protection products</p> <p>Spectroscopy:</p> <ul style="list-style-type: none"> - X-Ray Fluorescence analysis (XRF): heavy metals, metals and metalloids - Infrared Spectroscopy (IR) <p>Spectrometry:</p> <ul style="list-style-type: none"> - UV/Vis spectrometry (turbidimetry, nephelometry): vitamins, additives - Atomic Absorption Spectrometry (AAS): FIAS, graphite tube, flame: 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>

1) Scope of accreditation type A (fix)

2) Scope of accreditation type B (flexible)

3) Scope of accreditation type C (flexible)

Definition of flexibility see SAS Document 741



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Food, utility articles, food contact materials, cosmetics, animal feed	<ul style="list-style-type: none"> - Inductively Coupled Plasma (ICP)-MS: heavy metals, metals and metalloids <p>Electrochemical methods</p> <ul style="list-style-type: none"> - Potentiometry: additives, foreign substances and ingredients, proteins <p>Titrimetric methods:</p> <ul style="list-style-type: none"> - Titration, titrimetric analysis: sodium chloride, sulfites additives, foreign substances and ingredients, proteins <p>Dumas:</p> <ul style="list-style-type: none"> - Combustion/ gas analysis via conductivity: proteins <p>Physical methods:</p> <ul style="list-style-type: none"> - Gravimetric methods: water, ash content, dietary fibers (animal feed), fats, foreign substances and ingredients, utility articles, food contact materials (migration) - Thermometry: proteins - Gerber method (butyrometer): fats <p>Biochemical methods:</p> <ul style="list-style-type: none"> - Enzymatic determinations: alcohol, additives <p>Microbiology / Photometry: vitamins</p> <p>Oxygen analyzer: utility articles, food contact materials</p>	<p>Internal methods</p> <p>Internal methods</p> <p>ISO, internal methods</p> <p>ISO, AOAC</p> <p>AOAC, EN, ISO</p> <p>AOCS</p> <p>Internal methods</p> <p>Commercial methods</p> <p>Commercial test kits</p> <p>According to the analyzer's instruction manual</p>

1) Scope of accreditation type A (fix)

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Textiles	Wear fastness properties: <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) 	ISO, EN, DIN or SN standards (partially modified)
Consumer Goods	Mechanical, physical and electrical studies <ul style="list-style-type: none"> - length and geometries - torque - weight - rotational speed - temperature - humidity - illuminance - electrical power, voltage, electric current - air pressure - hardness of metals - microwave leakage radiation - time - humidity of wood and materials - visual examination <p>Chemical studies: see utility articles, foreign substances</p>	ISO, EN, DIN or SN standards, internal methods Internal methods
Toys	Chemical and physical studies: see utility articles, foreign substances	EN



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COURTEPIN SITE		
Food, animal feed	Titrimetric methods: - titration: TVB-N	EN
Food	Biochemical methods: - Enzymatic methods - ELISA analysis with antibody: allergens, antibiotics - Charm: reagent binding principle: antibiotics	Internal methods
Food		
Food, feces, Pedisacs, swabs	Microbiological methods: Detection by culture analysis Quantitative determination by culture analysis	ISO ISO, AFNOR, internal methods
Food, feed, animal tissue	Molecular-biological methods Nucleic acid extraction Nucleic acid quantification PCR: - Conventional qualitative PCR - Qualitative Real Time-PCR - Quantitative Real Time-PCR - Typing with PCR by restriction fragment length polymorphism (RFLP) Electrophoresis: - Agarose Gel Electrophoresis - Polyacrylamide gel electrophoresis (PAGE) Immunochemical methods: - ELISA	ISO, internal methods, literature methods, commercial methods ISO, EN, internal methods, literature methods, reference methods (JRC-CRL, ISAG) Internal methods, literature methods Commercial methods



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BUCHS SITE Food	Microbiological methods ²⁾ 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.

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



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Abbreviation	Signification
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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