

Swiss Confederation

Federal Department of Economic Affairs, Education and Research EAER

State Secretariat for Economic Affairs SECO

Swiss Accreditation Service SAS

### STS Directory

Accreditation number: STS 0429

International standard: ISO/IEC 17025:2017

Swiss standard: SN EN ISO/IEC 17025:2018

Microsynth AG Head: Dr. Markus Schmid

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Microsynth Austria GmbH Internet: http://www.microsynth.ch

Leberstrasse 20 Initial accreditation: 15.03.2005 1110 Vienna

Austria Current accreditation: 15.03.2020 bis 14.03.2025

> Scope of accreditation see: www.sas.admin.ch

(Accredited bodies)

### Scope of accreditation as of 11.01.2023

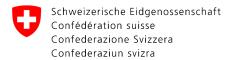
#### Testing laboratory for nucleic acid sequencing and establishing of DNA profile

Group of products or materials, field of activity	Principle of measurement <sup>2)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Headquarters Molecularbiology		
	DNA sequencing	
E. coli (cultures)	Nucleic acid isolation	Modified commercial method: - Kit Company GE Healthcare Internal procedural instruction: - SOP 3.2.02.001
DNA	PCR purification	Modified commercial method: - Kit Company ThermoFisher Internal procedural instruction: - SOP 3.2.02.004

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<sup>1)</sup> Scope of accreditation type A (fix)

<sup>2)</sup> Scope of accreditation type B (flexible)



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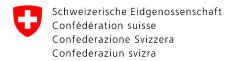
# **STS Directory**

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Group of products or materials, field of activity	Principle of measurement <sup>2)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
DNA	Cycle Sequencing	Modified commercial method: - Sequencing with ABI3730xl DNA Analyzer, ThermoFisher Internal procedural instructions: - SOP 3.2.04.008 - SOP 3.2.04.009 - SOP 3.2.06.001 - SOP 3.2.12.001 - SOP 3.2.12.010
	Next Generation Sequencing NGS	
DNA, RNA	Next Generation Sequencing NGS (massive parallel sequencing MPS)	Commercial method: - Sequencing by Synthesis, SBS, Illumina
	Genotyping	
	Fragment length analysis	
DNA	Ready-to-Load capillary electro- phoresis	Modified commercial method: - Fragment length analysis with ABI - 3730xl DNA Analyzer, ThermoFisher Internal procedural instruction: - SOP 3.4.05.010
Site Molecularbiology		
	DNA-sequencing	
DNA	PCR purification	Modified commercial method: - Kit Company ThermoFisher Internal procedural instruction: - SOP 3.2.02.004

11.01.2023 / N plb/bgs 1) Scope of accreditation type A (fix)

2) Scope of accreditation type B (flexible) 3) Scope of accreditation type C (flexible)



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Group of products or materials, field of activity	Principle of measurement <sup>2)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
DNA	Cycle Sequencing	Modified commercial method: - Sequencing with ABI3730xl DNA Analyzer, ThermoFisher Internal procedural instructions: - SOP 3.2.04.008 - SOP 3.2.04.009 - SOP 3.2.06.001 - SOP 3.2.12.001
	Genotyping	
	Fragment length analysis	
DNA	Ready-to-Load capillary electro- phoresis	Modified commercial method: - Fragment length analysis with ABI - 3730xl DNA Analyzer, ThermoFisher Internal procedural instruction: - SOP 3.4.05.010

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

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<sup>1)</sup> Scope of accreditation type A (fix)

<sup>2)</sup> Scope of accreditation type B (flexible) 3) Scope of accreditation type C (flexible)