



STS Directory

Accreditation number: STS 0429

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

Microsynth AG
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Internet: <http://www.microsynth.ch>
Initial accreditation: 15.03.2005
Current accreditation: 15.03.2020 bis 14.03.2025
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Site:
Microsynth Austria GmbH
Leberstrasse 20
1110 Vienna
Austria

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 ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Headquarters Molecularbiology <i>E. coli</i> (cultures)	DNA sequencing 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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Group of products or materials, field of activity	Principle of measurement ²⁾ (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
DNA, RNA	Next Generation Sequencing NGS Next Generation Sequencing NGS (massive parallel sequencing MPS)	Commercial method: - Sequencing by Synthesis, SBS, Illumina
DNA	Genotyping Fragment length analysis Ready-to-Load capillary electrophoresis	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



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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
DNA	Genotyping Fragment length analysis Ready-to-Load capillary electrophoresis	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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