



STS Directory

Accreditation number: STS 0423

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

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Initial accreditation: 07.12.2004
Current accreditation: 07.12.2019 to 06.12.2024
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 01.07.2021

Testing laboratory for analysis of precious metals alloys

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)
Analysis of precious metal	Sampling	Internal method I.SCL.GAQ.001
Gold	Fineness determination of gold alloys by cupellation	Q.SCL.GAQ.504 - 5.4.0.01 Modified method based on ISO 11426
Platinum, Palladium	Fineness determination of platinum alloys or palladium alloys by ICP-OES	Q.SCL.GAQ.504 - 5.4.0.03 Modified method based on ISO 11494 and ISO 11495
Platinum	Fineness determination of platinum alloys by WD-XRF	Q.SCL.GAQ.504 - 5.4.0.04 Internal method
Silver	Fineness determination of silver alloys by potentiometric titration	Q.SCL.GAQ.504 - 5.4.0.02 Modified method based on ISO 11427
Silver	Fineness determination of silver by SPARK-OES	

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



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Abbreviation	Signification
ICP-OES	Inductively coupled plasma optical emission spectrometry
WD-XRF	Wavelength dispersive X-ray fluorescence spectrometry
SPARK-OES	Spark optical emission spectrometry

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