

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: 07.12.2024 to 06.12.2029
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 07.12.2024

Testing laboratory for the determination of the fineness of gold, silver and for the analysis of the precious metal 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 alloys	Sampling	7.3 Campionamento	(1)
Gold	Cupellation	7.2 Coppellazione Au	(2)
Silver	Potentiometric titration	7.2 Potenzimetria Ag	(3)
Platinum	Spectrometry WD-XRF	7.2 WD-XRF Pt950	(1)
Platinum	Spectrometry ICP-OES	7.2 ICP Pt Bracketing	(4)
Palladium	Spectrometry ICP-OES	7.2 ICP Pd Bracketing	(5)
Analysis of fine precious metals			
Gold	Spectrometry Spark-OES	7.2 Spark Au	(1)
Silver	Spectrometry Spark-OES	7.2 Spark Ag	(1)

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

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Legend	
(1)	In-house test method
(2)	In-house test method according to Norm ISO 11426
(3)	In-house test method according to Norm ISO 11427
(4)	In-house test method according to Norm ISO 11494
(5)	In-house test method according to Norm ISO 11495

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

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