



SRMS Directory

Accreditation number: SRMS 0006

International standard: ISO 17034:2016
Swiss standard: SN EN ISO 17034:2017

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Initial accreditation: 12.01.2023
Current accreditation: 12.01.2023 to 11.01.2028
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 12.01.2023

Producer of aluminium reference materials and of certified aluminium reference materials

Reference material matrix / artefact	Properties characterized	Type	Approach used to assign property values
ALLOYS - Aluminium base alloys	Mass fraction of major elements (except aluminium) and minor elements	RM, CRM	Quantitative determination by spark OES, ICP-OES, ICP-MS, flame AAS, photometry, cold vapour AAS (b, d) ¹

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

¹ Categories according to the standard SN EN ISO 17034:2017 § 7.12.3:

- using a single reference measurement procedure (as defined in ISO/IEC Guide 99) in a single laboratory
- characterization of a non-operationally defined measurand using two or more methods of demonstrable accuracy in one or more competent laboratories
- characterization of an operationally defined measurand using a network of competent laboratories
- value transfer from an RM to a closely matched candidate RM performed using a single measurement procedure performed by one laboratory
- characterization based on mass or volume of ingredients used in the preparation of the RM



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Abbreviation	Signification
AAS	Atomic Absorption Spectroscopy
CRM	Certified reference material
ICP-OES	Inductively coupled plasma optical emission spectrometry
ICP-MS	Inductively coupled plasma mass spectrometry
RM	Reference material
Spark OES	Optical spark emission spectrometry

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