



STS Directory

Accreditation number: STS 0612

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

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Initial accreditation: 15.07.2015
Current accreditation: 15.07.2020 to 14.07.2025
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 01.04.2024

Testing laboratory for Spectroradiometry, Photometry, Optical Radiation

Group of products or materials, field of activity	Principle of measurement ⁿ⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Optical radiation sources Characterisation of radiation sources for <ul style="list-style-type: none">- Sunscreen testing- Photo stability testing- Material testing- Therapy radiator and examination lamps- Photovoltaic solar panel testing	Laboratory STS 0612 On-Site-Testing Spectroradiometry + derived photometric, colorimetric Measurands + derived efficacy function weighted Measurands Radiometry	SOP S1, S 7, S 1.12 - 1.30 CIE 250, ISO/CIE 17166 in combination with specific Standards : - Colipa guideline for monitoring UV-sources - JCIA Measurement standards for UVA protection efficacy - ISO 24442 - ISO 24443 - ISO 24444 - Int'l SPF Test Method - FDA OTC Monograph M020 Part D - ICH Q1B (EMA) - IEC / EN 60904-9, -3 - IEC 60601-2-50 - IEC 60601-2-41 - ASTM D7869 -13 - ISO 4892-2 / ASTM G155 - ASTM E3022 -18

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Group of products or materials, field of activity	Principle of measurement ⁿ⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Optical radiation detectors Characterisation of optical radiation detectors	Characterisations Measurement of relative and absolute spectral responsivity angular responsivity Uniformity of responsivity	SOPs S 2, S 3 in combination with specific Standards : -ISO/CIE 19476 (CIE S 023) -CIE 202, CIE 220, CIE 231

The testing laboratory maintains a list with detailed information on the activities within the scope of accreditation. It is available upon request at the laboratory.

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

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