



SCS Directory

Accreditation number: SCS 0104

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

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Initial accreditation: 18.10.2004
Current accreditation: 18.10.2019 to 17.10.2024
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 18.10.2019

Calibration laboratory for passive and electronic dosimeters

Calibration and Measurement Capability (CMC)

| Measured Quantity / Instrument or Gauge | Measurement Range | Measurement Conditions at 23 °C | Best Measurement Uncertainty \pm ¹⁾ | Remarks |
|--|------------------------|---|--|---------|
| To determine the RCF factor of TL detectors | 1 mSv to 10 mSv | With Caesium-137 | 10 % | |
| Irradiation with the measuring quantities Hp(10), H*(10) and air kerma | 100 μ Sv to 1 Sv | With Caesium-137 | 4 % | |
| Irradiation with the measuring quantities Hp(10), H*(10) and air kerma | 100 μ Sv to 1 Sv | With X-rays of radiation qualities N-25, N-30, N-40, N-60, N-80, N-100, N-120 and N-150 | 4 % | |
| Calibration of electronic dosimeters | 100 μ Sv to 10 mSv | With Caesium-137 With X-rays of radiation qualities N-30, N-40, N-60, N-80, N-100, N-120 and N-150 | 5 % -10 %, +20 % | |

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