

Swiss Confederation

Federal Department of Economic Affairs, Education and Research EAER

State Secretariat for Economic Affairs SECO

Swiss Accreditation Service SAS

SCS Directory

Accreditation number: SCS 0104

International standard: ISO/IEC 17025:2017

Swiss standard: SN EN ISO/IEC 17025:2018

Dosilab AG

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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	Measu- rement Range	Measurement Conditions at 23 °C	Best Measurement Uncertainty ± 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 μSv to 1 Sv	With Caesium-137	4 %	
Irradiation with the measuring quantities Hp(10), H*(10) and air kerma	100 μSv 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 μSv 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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¹⁾ The given extended measurement uncertainty is the standard uncertainty of the measurement multiplied by an extension factor k = 2, which corresponds to a confidence level of about 95% for a normal distribution.