



STS Directory

Accreditation number: STS 0491

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

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Initial accreditation: 04.10.2007
Current accreditation: 18.09.2022 to 17.09.2027
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 15.10.2025

Testing laboratory for personal dosimetry, in-vivo radioactivity measurement and environmental dosimetry

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)
Individual dosimetry of external radiation exposure	<p>Whole-body Dosimetry for photon and beta radiation with Radiophotoluminescence-, "Direct Ion Storage" or Optically Stimulated Luminescence dosimeters</p> <p>Whole-body Dosimetry for neutrons with PADC solid state detectors</p>	<p>Radiological Protection Act (SR 814.50) Radiation Protection Ordinance (SR 814.501) Ordinance of individual dosimetry (DoV, SR 814.501.43) Accreditation of the Swiss Federal Nuclear Safety Inspectorate</p> <p>VADM10, VA-9613-612, VA-9613-926 Personal deep dose equivalent $H_p(10)$ Personal shallow dose equivalent $H_p(0.07)$</p> <p>VADM08 Personal deep dose equivalent $H_p(10)$</p>



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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)
Individual dosimetry of internal radiation exposure	Dosimetry for extremities (finger ring) for photon and beta radiation with Thermoluminescence dosimeters	VADM01 Personal shallow dose equivalent $H_p(0.07)$
	Determination of committed effective dose E_{50} using whole body activity, activity in the thyroid or activity concentration of excrements	VA-9613-357 Calculation of committed effective dose E_{50} Standard models and dose factors according to DoV and ICRP
In-vivo radioactivity measurement	Whole body counter	VA-9613-357 Measure of whole body activity of γ - emitters like Cs-137, Co-60
	Thyroid monitor	VA-9613-357 Measure of activity of I-123, I-125 and I-131 in the thyroid
Environmental dosimetry	Radiophotoluminescence dosimeters for photon radiation and fission track detectors for neutrons	VADM02 Measure of ambient dose equivalent $H^*(10)$ for photon and neutron radiation Internal regulations

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

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