

Federal Department of Economic Affairs, Education and Research EAER

State Secretariat for Economic Affairs SECO

Swiss Accreditation Service SAS

**Swiss Confederation** 

Accreditation number STS 0019
Accreditation standard ISO/IEC 17025:2005

**STS Directory** 

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## Testing laboratory for the analysis of samples for chemical warfare agents and related compounds

SPIEZ LABORATORY Analytical Chemistry Verification laboratory for the

C disarmament CH-3700 Spiez Head: Dr. Peter Siegenthaler Responsible for MS: Mauro Zanni

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First accreditation (d,m,y): 25.01.1993 Last accreditation (d,m,y): 11.02.2013

Updated version: <a href="www.sas.admin.ch">www.sas.admin.ch</a> (accredited bodies)

## Scope of accreditation of September 2014

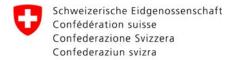
Group of products or materials, field of activity	Principle of measurement <sup>3)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international stan- dards, in-house test methods)
Chemical warfare agents and related compounds	Gas Chromatography / Flame Photometric Detection (GC/FPD)	L 019 185
	Gas Chromatography / Nitrogen- Phosphorus Detection (GC/NPD)	L 019 186
	Gas Chromatography / Atomic Emission Detection (GC/AED)	L 019 183
	Gas Chromatography / Mass- spectrometry (GC/MS)	L 019 187, L 019 188, L 019 193
	Nuclear Magnetic Resonance Spectroscopy (NMR)	L 019 184
	Liquid Chromatography / Mass- spectrometry (LC/MS)	L 019 182
	High-Resolution Mass- spectrometry (HR-MS)	L 019 191, L 019 192

10.09.2014/P urh/kzb 0019stsvz\_engl

<sup>1)</sup> Type A: It is not allowed to change the scope

<sup>2)</sup> Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed

<sup>3)</sup> Type C: Introduction of additional test methods for the different types of tests is allowed



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Group of products or materials, field of activity	Principle of measurement <sup>3)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international stan- dards, in-house test methods)
Chemical warfare agents and related compounds	Sample preparation: - air samples - soil samples - wipe samples - samples of non-impregnated active charcoal - water samples - concrete samples - samples of paint, rubber and other polymers	L 019 002, L 019 179, L 019 190

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