



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

## STS Directory

page 1 of 2

### 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

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(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 standards, 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

1) Type A: It is not allowed to change the scope  
2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed  
3) Type C: Introduction of additional test methods for the different types of tests is allowed



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page 2 of 2

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 standards, in-house test methods)
Chemical warfare agents and related compounds	Sample preparation: <ul style="list-style-type: none"><li>- air samples</li><li>- soil samples</li><li>- wipe samples</li><li>- samples of non-impregnated active charcoal</li><li>- water samples</li><li>- concrete samples</li><li>- samples of paint, rubber and other polymers</li></ul>	L 019 002, L 019 179, L 019 190

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