



## STS Directory

Accreditation number: STS 0595

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

Aatest AG  
Niederlenzer Kirchweg 1  
5600 Lenzburg

Head: Michael Romer  
Responsible for MS: Michael Romer  
Telephone: +41 62 891 33 49  
E-Mail: [m.romer@aatest.ch](mailto:m.romer@aatest.ch)  
Internet: <http://www.aatest.ch>  
Initial accreditation: 12.03.2014  
Current accreditation: 29.08.2023 to 28.08.2028  
Scope of accreditation see: [www.sas.admin.ch](http://www.sas.admin.ch)  
(Accredited bodies)

### Scope of accreditation as of 29.08.2023

**Testing laboratory for microscopical and chemical characterisation of inorganic solids, fibres and asbestos in construction materials, technical products, raw materials, dust and filter samples**

Group of products or materials, field of activity	Principle of measurement <sup>2)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
<b>Construction materials and technical products</b>	<b>Investigation of buildings and sampling</b> <b>Optical microscopy method (PLM)</b>	AV002 based on VDI 3866 Part 1: 2021
<b>Construction materials and technical products</b>	Detection of asbestos and other inorganic fibres including estimation of weight fraction <b>Scanning electron microscopy and energy-dispersive X-ray analysis (SEM/EDXA)</b>	AV003 based on HSG 248 (2021) Appendix 2 und VDI 3866 Part 4:2002
<b>Deposited dust picked up through stamping</b>	Detection and semi quantitative determination of asbestos and other inorganic fibres	AV005 based on VDI 3877:2011 and ISO 16000-27:2014



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Group of products or materials, field of activity	Principle of measurement <sup>2)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
<b>Ambient air, analysis of filter samples</b>	Detection and quantitative determination of asbestos and inorganic fibres in relation to the filter area  <b>Optical microscopy method (PLM) and/or Scanning electron microscopy in combination with energy-dispersive X-ray analysis (SEM/EDXA)</b>	AV007 based on VDI 3492:2013
<b>Inorganic surfaces, particles, inclusions, contaminations and residues (minerals, ceramic, glass, metals)</b>	Morphology and chemical characterisation	AV009 based on DIN ISO 22309:2015

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

Abbreviation	Signification
AVxxx	Own methods
DIN	Deutsches Institut für Normung
EDS / EDXA	Energy-dispersive spectrometry, energy-dispersive X-ray analysis
HSG	Health and Safety Executive, UK
ISO	International Organization for Standardization
PLM	Polarised light microscopy
SEM	Scanning electron microscope
VDI	Verein Deutscher Ingenieure

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