Accreditation number **STS 0022**
Accreditation standard ISO/IEC 17025:2005

STS Directory

Testing laboratory for adsorbents and respiratory protection filters

SPIEZ LABORATORY
Testing Laboratory for
adsorbents and respiratory
protection filters
CH-3700 Spiez

Head: Andres Wittwer
Responsible for MS: Mauro Zanni
Telephone: +41 (0)33 228 17 18
Telefax: +41 (0)33 228 14 02
E-Mail: mailto:andres.wittwer@babs.admin.ch
Internet: http://www.labor-spiez.ch
First accreditation (d,m,y): 08.06.1993
Last accreditation (d,m,y): 27.06.2013
Updated version: www.sas.admin.ch (accredited bodies)

Scope of accreditation as of January 2015

Group of products or materials, field of activity	Principle of measurement [2)3)] (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Testing of adsorbents [3)]		
Dynamic sorption	Gas penetration tests on the „SOPRAN" test system	L 022 020
	Hydrogen cyanide penetration test	L 022 019
	Cyanogen chloride penetration test	L 022 017
	Chloropicrin penetration test	L 022 018
	Arsine penetration test	L 022 016
Preconditioning of sorbents	Dynamic humification of sorbents	L 364 173
	Ageing of humidified activated carbon	L 364 174
Physical and mechanical characteristics	Volatile matter content of activated carbon at approx. 135 °C	L 364 075
	Packing density of sorbents	L 362 026
	Airflow resistance of sorbents	L 364 216

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

Accreditation number **STS 0022**
Accreditation standard ISO/IEC 17025:2005

STS Directory

Group of products or materials, field of activity	**Principle of measurement [2)3)] (characteristics, measuring ranges, type of test)**	**Test methods, remarks (national, international standards, in-house test methods)**
Physical and mechanical characteristics	Photo optical particle size analysis	L 022 008
	Dust content of activated carbon	L 362 038
	Abrasion hardness of activated carbon	L 362 039
	Ignition temperature of activated carbon	L 364 190
	Effluent air purity of activated carbon; Ammonia content:	
	• at 60 °C • exposed to a stream of moist air (90 % relative humidity)	L 022 003 L 022 024
Filter testing according to DIN EN 14387 [2)]		
Filter capacity	Test of the filter capacity (break through time) of gas filters and combined filters	L 022 005
	Test of sorption with Ammonia	L 022 009
	Test of sorption with Cyclohexane	L 022 013
	Test of sorption with Hydrogen cyanide	L 022 010
	Test of sorption with Chlorine	L 022 011
	Test of sorption with Sulfur dioxide	L 022 004
	Test of sorption with Hydrogen sulfide	L 022 012

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

Accreditation number **STS 0022**
Accreditation standard ISO/IEC 17025:2005

STS Directory

Group of products or materials, field of activity	**Principle of measurement [2)3)] (characteristics, measuring ranges, type of test)**	**Test methods, remarks (national, international standards, in-house test methods)**
Testing of NBC protection filters for collective protection systems [3)]	Complete filter	L 022 021
	Aerosol penetration	L 022 023
	Test of aerosol filter media for flow resistance and aerosol penetration	L 022 026
	Test of dust protecting materials for flow resistance and penetration of activated carbon dust	L 022 025

L = in-house methods

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