



## STS Directory

Accreditation number: STS 0045

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

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	Initial accreditation:	14.12.1993
	Current accreditation:	17.02.2023 to 16.02.2028
Scope of accreditation see:	www.sas.admin.ch (Accredited bodies)	

### Scope of accreditation as of 17.02.2023

**Testing laboratory for the physicochemical analysis of the components of cigarettes and other smoking articles as well as the aerosol generated by cigarettes and other smoking articles**

Group of products or materials, field of activity	Principle of measurement <sup>2) 3)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Cigarettes and smoking articles	<b>Chemistry</b>	
	<b>Sampling</b>	
	IAC-Exposure room facility management <sup>2)</sup>	In-house Method: QMS-0012660
	Mechanical smoking with linear/rotary machine <sup>3)</sup>	ISO 4387, ISO 3308, Health Canada T-115
	<b>Physical methods</b>	
	Dust trak DRX Characterization for real time monitoring of Aerosol Mass Concentration <sup>2)</sup>	In-house Method QMS-0005437
Droplet Size Determination using the Mini Moudi Cascade Impactor <sup>2)</sup>	In-house method: QMS-0024844	
Gravimetry <sup>3)</sup>	In-house Methods	

1) Scope of accreditation type A (fix)

2) Scope of accreditation type B (flexible)

3) Scope of accreditation type C (flexible)

Definition of flexibility see SAS Document 741



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Group of products or materials, field of activity	Principle of measurement <sup>2) 3)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Tobacco	Sensors technology to determine CO/CO <sub>2</sub> -NO/NO <sub>x</sub> concentrations <sup>3)</sup>	In-house Methods
	IAC-Determination of CO-NO-NO <sub>x</sub> -NH <sub>3</sub> concentrations by sensors <sup>3)</sup>	In-house method: QMS-0015130
	<b>Chromatography</b>	
	Ion Chromatography Technology <sup>3)</sup>	In-house Methods
	<b>Liquid chromatography</b>	
	LC-UV <sup>3)</sup>	In-house Methods
	LC-Fluorescence <sup>3)</sup>	In-house Methods
	Liquid chromatography / mass spectrometer (LC-MS & LC-MS/MS) <sup>3)</sup>	In-house Methods
	Ultra Performance Liquid Chromatography / mass spectrometer (UPLC-MS & UPLC-MS/MS) <sup>3)</sup>	In-house Methods
	<b>Gas chromatography</b>	
	Gas chromatography / mass spectrometer (GC-MS & GC-MS/MS) <sup>3)</sup>	In-house Methods
	Gas chromatography / flame ionization detector (GC-FID) <sup>3)</sup>	In-house Methods
	Gas chromatography / thermal conductivity detector (GC-TCD) <sup>3)</sup>	In-house Methods
	IAC - Determination of Phenols by GC-MS-MS <sup>3)</sup>	In-house method: QMS-0020523
<b>Spectroscopy</b>		
Inductively coupled plasma / mass spectrometer (ICP-MS) <sup>3)</sup>	In-house Methods	
<b>General Analytical methods</b>		
Titration:		
- Determination of water content using Karl Fischer method with oven <sup>2)</sup>	In-house method: QMS-0017503	

The mentioned Standards correspond with the latest enforced versions.



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The testing laboratory maintains a list with detailed information on the activities within the scope of accreditation. It is available upon request at the laboratory.

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

Abbreviation	Signification
ISO	International Organization for Standardization
PMI	Philip Morris International
CORESTA	Cooperation Centre for Scientific Research Relative to Tobacco
IAC	Indoor Air Chemistry

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