



STS Directory

Accreditation number: STS 0563

International standard: ISO/IEC 17025:2005
Swiss standard: SN EN ISO/IEC 17025:2005

<p>Istituto Alpino di Chimica e di Tossicologia (IACT) Laboratorio di chimica e di tossicologia (LCTOX) Laboratorio di Fitofarmacologia (LF) 6718 Olivone</p>	<p>Head: Dr. M.T. Pinorini Responsible for MS: Dr. M.T. Pinorini Telephone: +41 91 872 21 68 E-Mail: maria.teresa.pinorini@fasv.ch Internet: http://www.fasv.ch Initial accreditation: 22.12.2011 Current accreditation: 22.12.2016 to 21.12.2021 Scope of accreditation see: www.sas.admin.ch (Accredited bodies)</p>
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Scope of accreditation as of 22.12.2016

Testing laboratory for the analysis of samples in the fields of: forensic chemistry, forensic toxicology and pharmacokinetics

Group of products or materials, field of activity	Principle of measurement ³⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Forensic chemistry		
Powders, liquids, pharmaceutical preparations, other non biological matrices	Gas Chromatography/Mass Spectrometry (GC-MS) Screening (confirmation) of drugs and xenobiotics	Internal methods
Powders	Gas Chromatography/Flame Ionization Detection (GC-FID) Drugs quantitation	Internal methods
Powders	Liquid Chromatography/UV/Diode Array Detection (HLPC-UV-DAD) Drugs quantitation	Internal methods



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Samples of plant origin	<p>Liquid Chromatography/UV/Diode Array Detection (HLPC-UV-DAD)</p> <p>Drugs quantitation</p>	Internal methods
Powders, pharmaceutical preparations	<p>Precipitation tests / Colorimetric tests</p> <p>Screening of drugs and xenobiotics</p>	Commercial methods
Forensic toxicology		
Whole blood, urine, liquids/organ tissues	<p>Gas Chromatography/Mass Spectrometry (GC-MS)</p> <p>Screening (confirmation) and quantitation of drugs and xenobiotics</p>	Internal methods
Whole blood, urine, hair, liquids/organ tissues	<p>Liquid Chromatography/Mass Spectrometry (LC-MS/MS)</p> <p>Screening (confirmation) and quantitation of drugs, xenobiotics and markers of alcohol abuse</p>	Internal methods
Urine	<p>Liquid Chromatography/Mass Spectrometry/Time of Flight (LC-QTOF-MS)</p> <p>Screening (confirmation) of drugs and xenobiotics</p>	Internal methods
Whole blood, urine, liquids/organ tissues	<p>Headspace Gas Chromatography/Flame Ionization Detection (HS-GC-FID)</p> <p>Ethanol quantitation</p> <p>Screening of volatiles</p>	Internal methods
Pharmacokinetics (PK)		
Whole blood, plasma, serum	<p>Liquid Chromatography/UV/Diode Array Detection (LC-UV-DAD)</p> <p>Xenobiotics quantitation</p> <p>Liquid Chromatography/Mass Spectrometry (LC-MS/MS)</p>	Internal 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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Whole blood, plasma, serum	Xenpbiotics quantitation	Internal methods

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