



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Centre of Forensic Sciences

25 Morton Shulman Avenue, Toronto, Ontario M3M 0B1 Canada

Fulfills the requirements of

ISO/IEC 17025:2017

ANAB Forensic Testing & Calibration AR 3125:2019


Standards Council of Canada Requirements and Guidance for the Accreditation for
Forensic Testing Laboratories (2017) – Appendix 3

In the field of

Forensic Testing

This certificate is valid only when accompanied by a current scope of accreditation document.

The current scope of accreditation can be verified at www.anab.org.


Pamela L. Sale, Vice President, Forensics

Expiry Date: 31 May 2023
Certificate Number: FT-0124





ANSI National Accreditation Board

**SCOPE OF ACCREDITATION TO:
ISO/IEC 17025:2017**

**ANAB Forensic Testing & Calibration AR 3125:2019
Standards Council of Canada Requirements and Guidance for the Accreditation for
Forensic Testing Laboratories (2017) - Appendix 3**

Centre of Forensic Sciences

See locations listed below

FORENSIC TESTING

Expiry Date: 31 May 2023

Certificate Number: FT-0124

Toronto Laboratory

25 Morton Shulman Avenue
Toronto, Ontario M3M 0B1 Canada

Discipline: Biology		
Component/Parameter	Item	Key Equipment/Technology
DNA Profile Determination	Short Tandem Repeat (STR) Single-Nucleotide Polymorphism (SNP) Y-Short Tandem Repeat (Y-STR)	Capillary Electrophoresis Massively Parallel Sequencing
Individual Characteristic Database	DNA Profile	National DNA Data Bank of Canada
Physical Comparison	DNA Profile	Software Program
Qualitative Determination	Body Fluid	Chemical General Microscopy

Discipline: Document Examination		
Component/Parameter	Item	Key Equipment/Technology
Chemical/Physical Comparison	Content Document Substrate	General Microscopy Infrared Spectroscopy Software Program Ultraviolet Spectroscopy Visible Spectroscopy Visual

Recovery	Content Document	Electrostatic Detection Device Infrared Spectroscopy Software Program Ultraviolet Spectroscopy Visible Spectroscopy Visual
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Discipline: Fire Debris and Explosives		
Component/Parameter	Item	Key Equipment/Technology
Chemical/Physical Comparison	Explosive Fire Debris	Gas Chromatography General Microscopy Infrared Spectroscopy Liquid Chromatography Mass Spectrometry Raman Spectroscopy Scanning Electron Microscopy X-Ray Powder Diffraction Spectroscopy
Qualitative Determination	Explosive	Gas Chromatography General Microscopy Infrared Spectroscopy Liquid Chromatography Mass Spectrometry Raman Spectroscopy Scanning Electron Microscopy X-Ray Powder Diffraction Spectroscopy
Qualitative Determination	Fire Debris	Gas Chromatography Mass Spectrometry

Discipline: Firearms and Toolmarks		
Component/Parameter	Item	Key Equipment/Technology
Distance Determination	Firearm Physical Item	Chemical General Microscopy Measuring Equipment
Function Evaluation	Firearm Physical Item	Chronograph Force Gauge Measuring Equipment Sound Meter Visual
Individual Characteristic Database	Ammunition	Canadian Integrated Ballistic Information Network (CIBIN) National Integrated Ballistic Information Network (NIBIN)
Physical Comparison	Ammunition Tool/Toolmark	General Microscopy Visual
Qualitative Determination	Ammunition Firearm Tool	General Microscopy Measuring Equipment Reference Collection

Trajectory Determination	Inspection/Test Result Physical Item	Measuring Equipment
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Discipline: Materials (Trace)		
Component/Parameter	Item	Key Equipment/Technology
Chemical/Physical Comparison	Adhesive Coating Fiber/Textile Fractured Item General Unknown Glass Metal Polymer Tape	Chemical Energy Dispersive Spectroscopy Gas Chromatography General Microscopy Infrared Spectroscopy Liquid Chromatography Mass Spectrometry Measuring Equipment Microspectrophotometry Raman Spectroscopy Scanning Electron Microscopy Ultraviolet Spectroscopy Visible Spectroscopy X-Ray Powder Diffraction Spectroscopy
Qualitative Determination	Adhesive Coating Fiber/Textile General Unknown Glass Gunshot Residue Hair Metal Polymer Tape	Chemical Energy Dispersive Spectroscopy Gas Chromatography General Microscopy Infrared Spectroscopy Liquid Chromatography Mass Spectrometry Measuring Equipment Microspectrophotometry Raman Spectroscopy Reference Collection Scanning Electron Microscopy Ultraviolet Spectroscopy Visible Spectroscopy X-Ray Powder Diffraction Spectroscopy
Serial Number Restoration	Physical Item	Chemical Magnetic Visual

Discipline: Toxicology		
Component/Parameter	Item	Key Equipment/Technology
Qualitative Determination	Ante-Mortem Biological Item Post-Mortem Biological Item	Diode Array Ultraviolet Spectrophotometry Gas Chromatography Immunoassay Liquid Chromatography Mass Spectrometry
Qualitative Determination (Volatiles)	Ante-Mortem Biological Item Liquid Post-Mortem Biological Item	Gas Chromatography Mass Spectrometry

Quantitative Measurement	Ante-Mortem Biological Item Post-Mortem Biological Item	Diode-Array Ultraviolet Spectrophotometry Gas Chromatography Immunoassay Liquid Chromatography Mass Spectrometry Ultraviolet Spectroscopy Visible Spectroscopy
Quantitative Measurement (Volatiles)	Ante-Mortem Biological Item Liquid Post-Mortem Biological Item	Gas Chromatography Mass Spectrometry

Sault Ste. Marie Laboratory
70 Foster Drive, Suite 500
Sault Ste. Marie, Ontario P6A 6V3 Canada

Discipline: Biology		
Component/Parameter	Item	Key Equipment/Technology
DNA Profile Determination	Short Tandem Repeat (STR) Single-Nucleotide Polymorphism (SNP) Y-Short Tandem Repeat (Y-STR)	Capillary Electrophoresis Massively Parallel Sequencing
Individual Characteristic Database	DNA Profile	National DNA Data Bank of Canada
Physical Comparison	DNA Profile	Software Program
Qualitative Determination	Body Fluid	Chemical General Microscopy

Discipline: Toxicology		
Component/Parameter	Item	Key Equipment/Technology
Qualitative Determination	Ante-Mortem Biological Item Post-Mortem Biological Item	Diode Array Ultraviolet Spectrophotometry Gas Chromatography Immunoassay Liquid Chromatography Mass Spectrometry
Qualitative Determination (Volatiles)	Ante-Mortem Biological Item Liquid Post-Mortem Biological Item	Gas Chromatography Mass Spectrometry
Quantitative Measurement	Ante-Mortem Biological Item Post-Mortem Biological Item	Diode-Array Ultraviolet Spectrophotometry Gas Chromatography Immunoassay Liquid Chromatography Mass Spectrometry Ultraviolet Spectroscopy Visible Spectroscopy
Quantitative Measurement (Volatiles)	Ante-Mortem Biological Item Liquid Post-Mortem Biological Item	Gas Chromatography Mass Spectrometry

When published on a forensic service provider's Scope of Accreditation, ANAB has confirmed the competence required to develop and validate methods and perform on-going quality assurance for accredited activities. For a listed component/parameter, the forensic service provider may add or modify methods for activities without formal notice to ANAB for items and key equipment/technology listed. Contact the forensic service provider for information on the method utilized for accredited work.



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