



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

2000 Regency Parkway, Suite 430, Cary, NC 27518

This is to certify that

Centre of Forensic Sciences

has been assessed by ANAB
and meets the requirements of

ISO/IEC 17025:2017

**ANAB 17025:2017 Forensic Science Testing and Calibration Laboratories
Accreditation Requirements:2018**

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

while demonstrating technical competence in the field of

FORENSIC TESTING

Refer to the accompanying Scope of Accreditation for information
regarding the types of tests to which this accreditation applies

Certificate Number: FT-0124

Valid to: 05/31/2023

Pamela L. Sale
Vice President, Forensics





ANSI National Accreditation Board

SCOPE OF ACCREDITATION TO: ISO/IEC 17025:2017

**ANAB 17025:2017 Forensic Science Testing and Calibration Laboratories
Accreditation Requirements: 2018 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

Valid to: May 31, 2023

Certificate Number: FT-0124

Toronto Laboratory

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

Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
DNA-STR	Flexible Scope ¹	Blood, Saliva, Hair, Bone, Teeth, Seminal Fluid, Epithelial Cells, Other Biological Material	Robotic &, Manual DNA Extractions, DNA Quantification, QPCR, DNA Amplification, Capillary Electrophoresis, Data Interpretation, Probabilistic Genotyping
DNA-YSTR	Flexible Scope ¹	Blood, Saliva, Hair, Bone, Teeth, Seminal Fluid, Epithelial Cells, Other Biological Material	Robotic &, Manual DNA Extractions, DNA Quantification, QPCR, DNA Amplification, Capillary Electrophoresis, Data Interpretation,
DNA-SNP	Flexible Scope ¹	Blood, Saliva, Hair, Bone, Teeth, Seminal Fluid, Epithelial Cells, Other Biological Material	Robotic &, Manual DNA Extractions, DNA Quantification, QPCR, DNA Amplification, Library Preparation, Massively Parallel Sequencing, Data Interpretation
Body Fluid Identification	CFS-BIO-60	Blood, Saliva, Seminal Fluid	Refer to Method



Individual Characteristic Database	CFS-BIO-62 CFS-BIO-04	Blood, Saliva, Hair, Bone, Teeth, Seminal Fluid, Epithelial Cells, Other Biological Material	National DNA Data Bank (NDDDB), CODIS
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Discipline: Document Examination

Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Physical Comparison	TOR-PS-QD-02	Handwriting, Hand Printing, Documents and Records	Refer to Method
Authentication	TOR-PS-QD-17 TOR-PS-QD-19	Documents and records	Refer to Method
Indentations	TOR-PS-QD-18	Documents and records	Refer to Method

Discipline: Firearms and Toolmarks

Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Physical Comparison	CFS-PS-FT-02 TOR-PS-FT-13 CFS-PS-FT-28	Firearms, Firearm Components, Toolmarks, Toolmark Components	Refer to Method
Determination of functionality	TOR-PS-FT-14 TOR-PS-FT-01 CFS-PS-FT-2 TOR-PS-FT-03 TOR-PS-FT-10 TOR-PS-FT-11	Firearm and Firearm Component	Refer to method
Length Measurement	TOR-PS-FT-20	Firearm	Refer to Method
Trigger Pull Force Measurement	TOR-PS-FT-19	Firearm	Refer to Method
Individual Characteristics Database	TOR-PS-FT-23 TOR-PS-FT-22	Firearm and Firearm Component	IBIS
Distance Determination	TOR-PS-FT-04	Physical Evidence	Refer to Method
Trajectory Determination	TOR-PS-FT-24	Firearm and Firearm Component, Physical Evidence	Refer to Method
Serial Number Restoration	TOR-CHM-11	Physical Evidence	Refer to Test Method

Discipline: Fire Debris and Explosives



Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination	Flexible Scope ¹	Fire Debris, Ignitable Liquids, Explosives	Gas & Liquid Chromatography, Mass Spectrometry, Infrared & Raman Spectroscopy Scanning Electron Microscopy(SEM), Energy Dispersive X-ray (EDX)

Discipline: Gunshot Residue			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination	TOR-CHM-GSR-01	Gunshot Residue	Scanning Electron Microscopy (SEM), Energy Dispersive X-ray (EDX)

Discipline: Materials (Trace)			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Physical Determination	Flexible Scope ¹	Fiber/Textiles, Glass, Hair, Paint, Tape	Microscopy, Refractive Index, Scanning Electron Microscopy (SEM)
Chemical Determination	Flexible Scope ¹	Fiber/Textiles, Glass, Hair, Paint, Polymers, Tape, 1-methylaminoanthraquinone (MAAQ), Bleach, Lachrymators, Lubricants, Lithium, Ethylene Glycol, Oils/Fats/Waxes, Unknown Solids and Liquids	Scanning Electron Microscopy (SEM), Energy Dispersive X-ray (EDX) Microspectrophotometry, GC, LC, ICP, Gas & Liquid Chromatography, Inductively Coupled Plasma, Mass Spectrometry, X-ray Diffraction, Infrared & Raman Spectroscopy, Spot Tests
Physical/Chemical Comparison	TOR-CHM-GLS-01 TOR-CHM-H&F-03 TOR-CHM-PNT-02 TOR-CHM-PST-01 TOR-CHM-OIL-01 TOR-CHM-CIC-14 TOR-CHM-CIC-15 TOR-CHM-CIC-16	Fiber/Textiles, Glass, Paint, Polymers, Tape, Lubricants, Oils/Fats/Waxes, Unknown Solids and Liquids	Scanning Electron Microscopy (SEM), Energy Dispersive X-ray (EDX) Microspectrophotometry, GC, LC, ICP Gas & Liquid Chromatography, Inductively Coupled Plasma Mass Spectrometry, X-ray Diffraction, Infrared &

			Raman Spectroscopy, Spot Tests
Product (Make/Model) Determination	TOR-CHM-PNT-03	Paint	PDQ, BIORAD® Know-It-All

Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination	Flexible Scope ¹	Blood, Vitreous Humor, Serum, Plasma, Urine, Tissues, Gastric Contents	Color Spot Test Immunoassay Gas Chromatography Liquid Chromatography Mass Spectrometry
Quantitative Determination	Flexible Scope ¹	Blood, Vitreous Humor, Serum, Plasma, Urine	Immunoassay Gas & Liquid Chromatography Mass Spectrometry

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

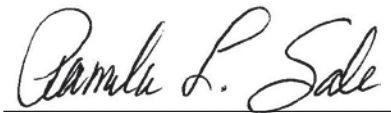
Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
DNA-STR	Flexible Scope ¹	Blood, Saliva, Hair, Bone, Teeth, Seminal Fluid, Epithelial Cells, Other Biological Material	Robotic & Manual DNA Extractions, DNA Quantification, QPCR, DNA Amplification, Capillary Electrophoresis, Data Interpretation, Probabilistic Genotyping
DNA-YSTR	Flexible Scope ¹	Blood, Saliva, Hair, Bone, Teeth, Seminal Fluid, Epithelial Cells, Other Biological Material	Robotic & Manual Extractions, DNA Quantification, QPCR, DNA Amplification, Capillary Electrophoresis, Data Interpretation,
Body Fluid Identification	CFS-BIO-60	Blood, Saliva, Seminal Fluid,	Refer to Method

Discipline: Toxicology			
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Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination	Flexible Scope ¹	Blood, Vitreous Humor, Serum, Plasma, Urine, Tissues, Gastric Contents	Color Spot Test Immunoassay Gas Chromatography Liquid Chromatography Mass Spectrometry
Quantitative Determination	Flexible Scope ¹	Blood, Vitreous Humor, Serum, Plasma, Urine	Immunoassay Gas & Liquid Chromatography Mass Spectrometry

Note 1: A flexible scope has been granted for this component/parameter or characteristic tested. ANAB has assessed the competence required to develop, validate, and perform quality assurance within this provided service. New or modified methods for the item(s) and equipment/technology(ies) listed in this row on the Scope of Accreditation may be introduced. New measurement principles, item(s), and technology(ies) will require evaluation by ANAB prior to granting a scope extension. Contact the forensic service provider for information on the specific test method in use at any point in time and utilized for accredited testing work.



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Vice President, Forensics

