



ANSI National Accreditation Board

SCOPE OF ACCREDITATION TO: ISO/IEC 17025:2017

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

**FBI Quality Assurance Standards for Forensic DNA Testing Laboratories:2011
FBI Quality Assurance Standards for DNA Databasing Laboratories:2011**

Vermont Forensic Laboratory

45 State Drive
Waterbury, Vermont 05671

FORENSIC TESTING

Valid to: September 30, 2023

Certificate Number: FT-0158

Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
DNA-STR ¹	Flexible Scope	Blood, Semen, Saliva, Hair, Tissue, Bone, Epithelial Cells	Robotic System, Organic Extraction, Data Interpretation System
Body Fluid Identification	SER_P100_Serology Manual	Blood, Semen, Saliva	Chemical, Visual
Relationship Testing ¹	Flexible Scope	Blood, Semen, Saliva, Hair, Tissue, Bone, Epithelial Cells	Robotic System, Organic Extraction, Data Interpretation System
Individual Characteristic Database	DNA_P300_DNA Database Manual	DNA profiles	Combined DNA Index System (CODIS)

Discipline: Firearms and Toolmarks			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Physical Comparison	FIR_P100_Firearms and Toolmarks Procedures Manual	Firearm, Firearm Components, Toolmark, Toolmark Components	Comparison Microscope
Determination of Functionality	FIR_P100_Firearms and Toolmarks Procedures Manual	Firearm	Refer to Method



Length Measurement	FIR_P100_Firearms and Toolmarks Procedures Manual	Firearm	Refer to Method
Serial Number Restoration	FIR_P100_Firearms and Toolmarks Procedures Manual	Physical Evidence	Chemical, Visual
Product (Make/Model) Determination	FIR_P100_Firearms and Toolmarks Procedures Manual	Firearm, Firearm Components	General Rifling Characteristics Database (GRC)

Discipline: Fire Debris and Explosives			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination ¹	Flexible Scope	Ignitable Liquids, Fire Debris	Gas Chromatography, Mass Spectrometry

Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination ¹	Flexible Scope	Solid, Liquid, Botanical	Macroscopic Exam, Microscopic Exam, Color Test, Thin Layer Chromatography, Gas Chromatography, Mass Spectrometry, Infrared Spectroscopy
Weight Measurement	DRG_P101_Drug Weighing and Measurement Assurance Procedure & DRG_P102_Estimating Uncertainty of Drug Weights Procedure	Solid, Botanical	Balance

Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination ¹ (Blood Alcohol Only)	Flexible Scope	Blood	Gas Chromatography
Quantitative Measurement ¹ (Blood Alcohol Only)	Flexible Scope	Blood	Gas Chromatography

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

