



# 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**

### **Northeastern Illinois Regional Crime Laboratory**

1000 Butterfield Road, Suite 1009  
Vernon Hills, Illinois 60061

### **FORENSIC TESTING**

Valid to: February 28, 2021

Certificate Number: FT-0239

<b>Discipline: Biology</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Body Fluid Detection	Forensic Biology/DNA Procedure Manual	Blood, Saliva, Semen	Refer to Method
DNA-STR <sup>1</sup>	Flexible Scope	Blood, Saliva, Hair, Semen, Epithelial Cells, Tissue	Capillary Electrophoresis
DNA-YSTR <sup>1</sup>	Flexible Scope	Blood, Saliva, Hair, Semen, Epithelial Cells	Capillary Electrophoresis
Relationship Testing	Forensic Biology/DNA Procedure Manual	Blood, Saliva, Hair, Semen, Epithelial Cells	Capillary Electrophoresis
Individual Characteristic Databases	Forensic Biology/DNA Procedure Manual	DNA Profiles	Combined DNA Index System (CODIS)

<b>Discipline: Firearms and Toolmarks</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Physical Comparison	Firearm/Toolmark Procedure Manual	Firearm, Firearm Components, Toolmark, Toolmark Components	Visual, Microscopy
Determination of Functionality	Firearm/Toolmark Procedure Manual	Firearm	Refer to Method



Length Measurement	Firearm/Toolmark Procedure Manual	Firearm	Measuring Device
Serial Number Restoration	Firearm/Toolmark Procedure Manual	Physical Evidence	Refer to Method
Product (Make/Model) Determination	Firearm/Toolmark Procedure Manual	Firearm, Firearm Components	General Rifling Characteristic (GRC), Database, Reference Collection
Qualitative Chemical Determination	Firearm/Toolmark Procedure Manual	Physical Evidence	Color Test
Distance Determination	Firearm/Toolmark Procedure Manual	Firearm, Firearm Components, Physical Evidence	Refer to Method
Individual Characteristic Databases	Firearm/Toolmark Procedure Manual	Firearm Components	National Integrated Ballistic Information Network (NIBIN)

<b>Discipline: Friction Ridge</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Enhancement	Fingerprint Procedure Manual	Patent, Latent, Plastic	Visual, Photography, Physical, Chemical
Physical Comparison	Fingerprint Procedure Manual	Patent, Latent or Plastic to a Known, Known to Known	Visual
Individual Characteristic Databases	Fingerprint Procedure Manual	Patent, Latent, Plastic or a Known	Automated Fingerprint Identification System (AFIS), Automated Biometric Identification System (ABIS)

<b>Discipline: Footwear/Tire</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Enhancement	Footwear/Tire Procedure Manual	Footwear/Tire Impressions	Visual, Photography, Physical, Chemical
Physical Comparison	Footwear/Tire Procedure Manual	Footwear/Tire Impressions	Visual

Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination <sup>1</sup>	Flexible Scope	Solid, Liquid, Botanical	Macroscopic & Microscopic Exam, Color Spot Tests, Gas Chromatography, Mass Spectrometry, Infrared Spectroscopy
Weight Measurement	Seized Drug Protocol	Solid, Liquid, Botanical	Balance

Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination <sup>1</sup>	Flexible Scope	Urine	Immunoassay, Gas Chromatography, Mass Spectrometry
Quantitative Measurement <sup>1</sup> (Alcohol Only)	Flexible Scope	Blood, Serum, Urine, Plasma	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.



Pamela L. Sale  
Vice President, Forensics

