



# 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: November 29, 2020

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)

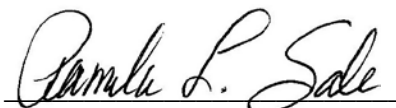
<b>Discipline: Footwear/Tire</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Enhancement	Footwear/Tire Procedure Manual	Footwear/Tire Impressions	Visual, Photography, Physical, Chemical
Physical Comparison	Footwear/Tire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



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Vice President, Forensics

