



# 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**

**Wisconsin Department of Justice  
Division of Forensic Sciences**  
(see locations listed below)

### FORENSIC TESTING

Valid to: June 30, 2021

Certificate Number: FT-0154

**Wisconsin State Crime Laboratory-Milwaukee**  
1578 South 11th Street  
Milwaukee, Wisconsin 53204

<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>
DNA-STR <sup>1</sup>	Flexible Scope	Human DNA	Robotic and Manual Systems, Real-Time PCR, Capillary Electrophoresis, Data Interpretation System
Y-STR <sup>1</sup>	Flexible Scope	Human DNA	Robotic and Manual Systems, Real-Time PCR, Capillary Electrophoresis, Data Interpretation System
Body Fluid Identification	DNA Procedure Manuals	Blood, Semen, Saliva	Refer to Test Method
Relationship Testing <sup>1</sup>	Flexible Scope	Human DNA	Robotic and Manual Systems, Real-Time PCR, Capillary Electrophoresis, Data Interpretation System
Individual Characteristic Database	DNA Procedure Manuals	DNA Profiles	Data Interpretation System, 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	Firearms and Toolmarks Procedure Manual	Firearm, Firearm Components, Toolmark, Toolmark Components	Comparison Microscopes
Determination of Functionality	Firearms and Toolmarks Procedure Manual	Firearm	Refer to Test Method
Length Measurement	Firearms and Toolmarks Procedure Manual	Firearm	Refer to Test Method
Trigger Pull Force Measurement	Firearms and Toolmarks Procedure Manual	Firearm	Refer to Test Method
Product Determination (Make/Model)	Firearms and Toolmarks Procedure Manual	Firearms, Firearms Components	Refer to Test Method
Distance Determination	Firearms and Toolmarks Procedure Manual	Firearms, Firearms Components, Physical Evidence	Refer to Test Method
Serial Number Restoration	Firearms and Toolmarks Procedure Manual	Physical Evidence	Refer to Test Method

<b>Discipline: Fire Debris and Explosives</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Determination <sup>1</sup>	Flexible Scope	Explosives, Fire Debris, Ignitable Liquids	Gas Chromatography, Mass Spectrometry, Infrared Spectroscopy, Scanning Electron Microscopy/Energy Dispersive X-Ray Analysis

<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 Procedure Manual	Footwear, Footwear Impressions	Visual, Photography, Physical, Chemical
Physical Comparison	Footwear Procedure Manual	Footwear, Footwear Impressions	Refer to Test Method

<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	Latent Print Procedure Manual	Patent, Latent, Plastic	Visual, Photography, Physical, Chemical
Physical Comparison	Latent Print Procedure Manual	Patent/Latent/Plastic to Known, Known to Known, Unknown to Unknown	Refer to Test Method
Individual Characteristic Database	Latent Print Procedure Manual	Patent, Latent, or a Known	Automated Fingerprint Identification System (AFIS), Next Generation Identification (NGI)

<b>Discipline: Materials (Trace)</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Physical/Chemical Determination <sup>1</sup>	Flexible Scope	Fiber/Textiles, Glass, Paint, Tape, General Unknowns	Visual, Stereo Microscopy, Scanning Electron Microscopy, Refractive Index, Infrared Spectroscopy
Physical Match Comparison <sup>1</sup>	Flexible Scope	Cordage/Rope, Fabric, Fiber, Glass, Paint, Plastic	Stereo Microscopy, Polarized Light Microscopy
Physical/Chemical Comparisons <sup>1</sup>	Flexible Scope	Fiber/Textiles, Glass, Paint, Tape, General Unknowns	Visual, Stereo Microscopy, Polarized Light Microscopy, Scanning Electron Microscopy, Refractive Index, Infrared Spectroscopy, Color/Spot Tests

<b>Discipline: Seized Drugs</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Determination <sup>1</sup>	Flexible Scope	Solid, Liquid, Botanical	Macroscopic Examination, Microscopic Examination, Color Tests, Thin Layer Chromatography, Gas Chromatography, Mass Spectrometry, Infrared Spectroscopy
Weight Measurement	Controlled Substance Procedure Manual	Solid, Liquid, Botanical	Balance

<b>Discipline: Toxicology</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Determination <sup>1</sup>	Flexible Scope	Blood, Urine, Tissues, Vitreous Fluid, Gastric Contents	Immunoassay, Gas Chromatography, Mass Spectrometry
Quantitative Determination <sup>1</sup>	Flexible Scope	Blood, Urine, Tissues, Vitreous Fluid, Gastric Contents	Gas Chromatography, Mass Spectrometry

**Wisconsin State Crime Laboratory-Madison**  
 4626 University Avenue  
 Madison, Wisconsin 53705

<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>
DNA-STR <sup>1</sup>	Flexible Scope	Human Blood, Saliva	Robotic and Manual Systems, Real-Time PCR, Capillary Electrophoresis, Data Interpretation System
Y-STR <sup>1</sup>	Flexible Scope	Human Blood, Saliva	Robotic and Manual Systems, Real-Time PCR, Capillary Electrophoresis, Data Interpretation System
Body Fluid Identification	DNA Procedure Manuals	Blood, Semen, Saliva	Refer to Test Method
Relationship Testing <sup>1</sup>	Flexible Scope	Human Blood	Robotic and Manual Systems, Real-Time PCR, Capillary Electrophoresis, Data Interpretation System
Individual Characteristic Database	DNA Procedure Manuals, DNA Databank Procedure Manuals	DNA Profiles	Data Interpretation System, Combined DNA Index System (CODIS)



<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 Procedure Manual	Footwear, Footwear Impressions	Visual, Photography, Physical, Chemical
Physical Comparison	Footwear Procedure Manual	Footwear, Footwear Impressions	Refer to Test Method

<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	Latent Print Procedure Manual	Patent, Latent, Plastic	Visual, Photography, Physical, Chemical
Physical Comparison	Latent Print Procedure Manual	Patent/Latent/Plastic to Known, Known to Known, Unknown to Unknown	Refer to Test Method
Individual Characteristic Database	Latent Print Procedure Manual, AFIS Procedure Manual	Patent, Latent, or a Known, 10-Print Known, 10-Print Unknown, Patent/Latent Unknown	Automated Fingerprint Identification System (AFIS), Next Generation Identification (NGI)

<b>Discipline: Seized Drugs</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Determination <sup>1</sup>	Flexible Scope	Solid, Liquid, Botanical	Macroscopic Examination, Microscopic Examination, Color Tests, Thin Layer Chromatography, Gas Chromatography, Mass Spectrometry, Infrared Spectroscopy
Weight Measurement	Controlled Substance Procedure Manual	Solid, Liquid, Botanical	Balance

<b>Discipline: Toxicology</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Determination <sup>1</sup>	Flexible Scope	Blood, Blood Products, Urine, Tissues, Vitreous Fluid, Gastric Contents	Immunoassay, Gas Chromatography, Mass Spectrometry
Quantitative Determination <sup>1</sup>	Flexible Scope	Blood, Blood Products, Urine, Tissues, Vitreous Fluid, Gastric Contents	Gas Chromatography, Mass Spectrometry

**Wisconsin State Crime Laboratory-Wausau**  
7100 W. Stewart Avenue  
Wausau, Wisconsin 54401


<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	Latent Print Procedure Manual	Patent, Latent, Plastic	Visual, Photography, Physical, Chemical
Physical Comparison	Latent Print Procedure Manual	Patent/Latent/Plastic to Known, Known to Known, Unknown to Unknown	Refer to Test Method
Individual Characteristic Database	Latent Print Procedure Manual	Patent, Latent, or a Known	Automated Fingerprint Identification System (AFIS), Next Generation Identification (NGI)

<b>Discipline: Seized Drugs</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Determination <sup>1</sup>	Flexible Scope	Solid, Liquid, Botanical	Macroscopic Examination, Microscopic Examination, Color Tests, Thin Layer Chromatography, Gas Chromatography, Mass Spectrometry, Infrared Spectroscopy
Weight Measurement	Controlled Substance Procedure Manual	Solid, Liquid, Botanical	Balance



Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination (Alcohol Only)	Toxicology Procedure Manual	Blood, Urine	Gas Chromatography
Quantitative Determination (Alcohol Only)	Toxicology Procedure Manual	Blood, Urine	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

