



ANSI National Accreditation Board

**SCOPE OF ACCREDITATION TO:
ISO/IEC 17025:2017**

**ANAB Forensic Testing & Calibration AR 3125:2019
FBI Quality Assurance Standards for Forensic DNA Testing Laboratories:2020
FBI Quality Assurance Standards for DNA Databasing Laboratories:2020**

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

FORENSIC TESTING

Expiry Date: 31 August 2025

Certificate Number: FT-0154

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

Discipline: Biology		
Component/Parameter	Item	Key Equipment/Technology
DNA Profile Determination	Short Tandem Repeat (STR) Y-Short Tandem Repeat (Y-STR)	Capillary Electrophoresis
Individual Characteristic Database	DNA Profile	National DNA Index System (NDIS)
Physical Comparison	DNA Profile	Software Program
Qualitative Determination	Body Fluid Epithelial Cell	Capillary Electrophoresis Chemical General Microscopy Immunoassay

Discipline: Fire Debris and Explosives		
Component/Parameter	Item	Key Equipment/Technology
Qualitative Determination	Explosive	Chemical Energy Dispersive Spectroscopy Gas Chromatography General Microscopy Infrared Spectroscopy



		Mass Spectrometry Measuring Equipment Microcrystalline Scanning Electron Microscopy Thin Layer Chromatography
Qualitative Determination	Fire Debris	Gas Chromatography Mass Spectrometry
Weight Measurement	Explosive	Balance

Discipline: Firearms and Toolmarks		
Component/Parameter	Item	Key Equipment/Technology
Distance Determination	Firearm Physical Item	Chemical General Microscopy Measuring Equipment
Function Evaluation	Firearm	Dead Weight Measuring Equipment Visual
Physical Comparison	Ammunition Fractured Item Tool/Toolmark	General Microscopy Visual
Qualitative Determination	Ammunition Firearm Tool	General Microscopy Measuring Equipment Reference Collection
Serial Number Restoration	Physical Item	Chemical General Microscopy Magnetic Visual

Discipline: Friction Ridge		
Component/Parameter	Item	Key Equipment/Technology
Enhancement	Ridge Detail	Chemical Physical Software Program
Individual Characteristic Database	Ridge Detail	Next Generation Identification System (NGI)
Physical Comparison	Ridge Detail	Software Program Visual
Qualitative Determination	Blood	Chemical

Discipline: Impressions		
Component/Parameter	Item	Key Equipment/Technology
Enhancement	Footwear	Chemical Physical Software Program
Physical Comparison	Footwear	Software Program Visual
Qualitative Determination	Blood Footwear	Chemical Reference Collection

Discipline: Materials (Trace)		
Component/Parameter	Item	Key Equipment/Technology
Chemical/Physical Comparison	Coating Fiber/Textile Fractured Item General Unknown Glass Tape	Chemical Energy Dispersive Spectroscopy Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry Measuring Equipment Microcrystalline Scanning Electron Microscopy Thin Layer Chromatography Visual
Qualitative Determination	Coating Fiber/Textile General Unknown Glass Tape	Chemical Energy Dispersive Spectroscopy Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry Measuring Equipment Microcrystalline Scanning Electron Microscopy Thin Layer Chromatography Visual

Discipline: Seized Drugs		
Component/Parameter	Item	Key Equipment/Technology
Qualitative Determination	Botanical Liquid Solid	Chemical Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry Thin-Layer Chromatography Visual

Weight Measurement	Botanical Liquid Solid	Balance
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Discipline: Toxicology		
Component/Parameter	Item	Key Equipment/Technology
Qualitative Determination	Ante-Mortem Biological Item Post-Mortem Biological Item	Gas Chromatography Immunoassay Liquid Chromatography Mass Spectrometry
Qualitative Determination (Volatiles)	Ante-Mortem Biological Item Post-Mortem Biological Item	Gas Chromatography Mass Spectrometry
Quantitative Measurement	Ante-Mortem Biological Item Post-Mortem Biological Item	Gas Chromatography Liquid Chromatography Mass Spectrometry
Quantitative Measurement (Volatiles)	Ante-Mortem Biological Item Post-Mortem Biological Item	Gas Chromatography

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

Discipline: Biology		
Component/Parameter	Item	Key Equipment/Technology
DNA Profile Determination	Short Tandem Repeat (STR) Y-Short Tandem Repeat (Y-STR)	Capillary Electrophoresis
Individual Characteristic Database	DNA Profile	National DNA Index System (NDIS)
Physical Comparison	DNA Profile	Software Program
Qualitative Determination	Body Fluid Epithelial Cell	Capillary Electrophoresis Chemical General Microscopy Immunoassay

Discipline: Friction Ridge		
Component/Parameter	Item	Key Equipment/Technology
Enhancement	Ridge Detail	Chemical Physical Software Program
Individual Characteristic Database	Ridge Detail	Next Generation Identification System (NGI)

Physical Comparison	Ridge Detail	Software Program Visual
Physical Comparison (Tenprint)	Ridge Detail	Software Program Visual
Qualitative Determination	Blood	Chemical

Discipline: Impressions		
Component/Parameter	Item	Key Equipment/Technology
Enhancement	Footwear	Chemical Physical Software Program
Physical Comparison	Footwear	Software Program Visual
Qualitative Determination	Blood Footwear	Chemical Reference Collection

Discipline: Seized Drugs		
Component/Parameter	Item	Key Equipment/Technology
Qualitative Determination	Botanical Liquid Solid	Chemical Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry Thin-Layer Chromatography Visual
Weight Measurement	Botanical Liquid Solid	Balance

Discipline: Toxicology		
Component/Parameter	Item	Key Equipment/Technology
Qualitative Determination	Ante-Mortem Biological Item Post-Mortem Biological Item	Gas Chromatography Immunoassay Mass Spectrometry
Qualitative Determination (Volatiles)	Ante-Mortem Biological Item Post-Mortem Biological Item	Gas Chromatography
Quantitative Measurement	Ante-Mortem Biological Item Post-Mortem Biological Item	Gas Chromatography Mass Spectrometry
Quantitative Measurement (Volatiles)	Ante-Mortem Biological Item Post-Mortem Biological Item	Gas Chromatography

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

Discipline: Friction Ridge		
Component/Parameter	Item	Key Equipment/Technology
Enhancement	Ridge Detail	Chemical Physical Software Program
Individual Characteristic Database	Ridge Detail	Next Generation Identification System (NGI)
Physical Comparison	Ridge Detail	Software Program Visual
Qualitative Determination	Blood	Chemical

Discipline: Impressions		
Component/Parameter	Item	Key Equipment/Technology
Enhancement	Footwear	Chemical Physical Software Program
Physical Comparison	Footwear	Software Program Visual
Qualitative Determination	Blood Footwear	Chemical Reference Collection

Discipline: Seized Drugs		
Component/Parameter	Item	Key Equipment/Technology
Qualitative Determination	Botanical Liquid Solid	Chemical Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry Thin-Layer Chromatography Visual
Weight Measurement	Botanical Liquid Solid	Balance

Discipline: Toxicology		
Component/Parameter	Item	Key Equipment/Technology
Qualitative Determination (Volatiles)	Ante-Mortem Biological Item Post-Mortem Biological Item	Gas Chromatography
Quantitative Measurement (Volatiles)	Ante-Mortem Biological Item Post-Mortem Biological Item	Gas Chromatography

When published on a forensic service provider’s Scope of Accreditation, ANAB has confirmed the competence required to develop and validate methods and perform on-going quality assurance for accredited activities. For a listed component/parameter, the forensic service provider may add or modify methods for activities without formal notice to ANAB for items and key equipment/technology listed. Contact the forensic service provider for information on the method utilized for accredited work.



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