



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**

Ohio Bureau of Criminal Identification and Investigation
see locations listed below

FORENSIC TESTING

Expiry Date: 31 December 2024 Certificate Number: FT-0018

Bowling Green Laboratory
750 North College Drive
Bowling Green, Ohio 43402 USA

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



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

Discipline: Materials (Trace)		
Component/Parameter	Item	Key Equipment/Technology
Chemical/Physical Comparison	Adhesive Coating Fiber/Textile Fractured Item General Unknown Glass Hair Polymer Tape	Chemical Energy Dispersive Spectroscopy General Microscopy Infrared Spectroscopy Measuring Equipment Microspectrophotometry Refractometry Scanning Electron Microscopy Visual X-ray Fluorescence Spectroscopy
Qualitative Determination	Adhesive Coating Fiber/Textile Filament General Unknown Glass Gunshot Residue Hair Polymer Tape	Chemical Energy Dispersive Spectroscopy Gas Chromatography General Microscopy Infrared Spectroscopy Microspectrophotometry Refractometry Scanning Electron Microscopy Visual X-ray Fluorescence Spectroscopy

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

		Ultraviolet Spectroscopy Visual
Quantitative Measurement	Botanical Liquid Solid	Gas Chromatography Liquid Chromatography Mass Spectrometry Ultraviolet Spectroscopy
Weight Measurement	Botanical Solid	Balance

London Laboratory
1560 State Route 56 SW
London, Ohio 43140 USA

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

Discipline: Document Examination		
Component/Parameter	Item	Key Equipment/Technology
Chemical/Physical Comparison	Content Document Fractured Item Substrate	General Microscopy Visual
Qualitative Determination	Content Document Fractured Item Stamp Substrate	General Microscopy Reference Collection Software Program Visual
Recovery	Content Document	Electrostatic Detection Device Software Program Visual

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

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

Richfield Laboratory
 4055 Highlander Parkway
 Richfield, Ohio 44286 USA

Discipline: Biology		
Component/Parameter	Item	Key Equipment/Technology
DNA Profile Determination	Short Tandem Repeat (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	Chemical General Microscopy Immunoassay

Discipline: Firearms and Toolmarks		
Component/Parameter	Item	Key Equipment/Technology
Function Evaluation	Firearm	Measuring Equipment Visual
Individual Characteristic Database	Ammunition	National Integrated Ballistic Information Network (NIBIN)
Physical Comparison	Ammunition Tool/Toolmark	General Microscopy Visual
Qualitative Determination	Ammunition Firearm	General Microscopy Measuring Equipment Reference Collection
Serial Number Restoration	Physical Item	Chemical General Microscopy 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

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

Springfield Laboratory
 130 North Fountain Avenue
 Springfield, Ohio 45502 USA

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
Weight Measurement	Botanical Solid	Balance

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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