



# CERTIFICATE OF ACCREDITATION

**The ANSI National Accreditation Board**

Hereby attests that

**Miami Valley Regional Crime Laboratory**  
361 West Third Street, Dayton, Ohio 45402 USA

Fulfills the requirements of

**ISO/IEC 17025:2017**

**ANAB Forensic Testing & Calibration AR 3125:2019**

**ABFT Forensic Toxicology Laboratory Accreditation Requirements:2013**

**FBI Quality Assurance Standards for Forensic DNA Testing Laboratories:2011**

In the field of

**Forensic Testing**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

Pamela L. Sale, Vice President, Forensics

Expiry Date: 28 February 2022  
Certificate Number: FT-0274





**ANSI National Accreditation Board**

**SCOPE OF ACCREDITATION TO:  
ISO/IEC 17025:2017  
ANAB Forensic Testing & Calibration AR 3125:2019  
ABFT Forensic Toxicology Laboratory Accreditation Requirements:2013  
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**FORENSIC TESTING**

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<b>Discipline: Biology</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
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	Chemical General Microscopy Fluorescence Spectroscopy Immunoassay Tests

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

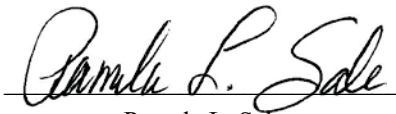
		Magnetic Visual
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<b>Discipline: Friction Ridge</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Enhancement	Ridge Detail	Chemical Physical Software Program
Individual Characteristic Database	Ridge Detail	Next Generation Identification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

<b>Discipline: Seized Drugs</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Qualitative Determination	Botanical Liquid Solid	Chemical Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry
Quantitative Determination	Botanical Liquid Solid	Gas Chromatography Liquid Chromatography Mass Spectrometry
Weight Measurement	Botanical Liquid Solid	Balance

<b>Discipline: Toxicology</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Qualitative Determination	Ante-Mortem Biological Item Post-Mortem Biological Item	Colorimetry Gas Chromatography Liquid Chromatography Mass Spectrometry
Qualitative Determination (Volatiles)	Ante-Mortem Biological Item Liquid Post-Mortem Biological Item	Gas Chromatography Mass Spectrometry
Quantitative Determination	Ante-Mortem Biological Item Post-Mortem Biological Item	Electrochemical Gas Chromatography Liquid Chromatography Mass Spectrometry
Quantitative Determination (Volatiles)	Ante-Mortem Biological Item Liquid Post-Mortem Biological Item	Gas Chromatography Mass Spectrometry

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.



Pamela L. Sale  
Vice President, Forensics