



# CERTIFICATE OF ACCREDITATION

**The ANSI National Accreditation Board**

Hereby attests that

**State of Connecticut Department of Emergency  
Services & Public Protection  
Division of Scientific Services  
278 Colony Street, Meriden, Connecticut 06451 USA**

Fulfills the requirements of

**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**

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: 31 January 2025

Certificate Number: FT-0338





**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**

**State of Connecticut Department of Emergency Services & Public Protection  
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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 Immunoassay

<b>Discipline: Digital &amp; Video/Imaging Technology and Analysis</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Field Sampling	Physical Item	Not Applicable
Acquisition/Extraction	Digital Data Image Multimedia Recording Video	Software Program
Content Analysis	Digital Data Image Multimedia Recording Video	Software Program Visual



Enhancement	Image Multimedia Recording Video	Software Program
Physical Comparison	Digital Data Image Multimedia Recording Video	Software Program Visual
Reconstruction	Inspection/Test Result Other Information Physical Item	Model Software Program
Transcoding	Digital Data Image Multimedia Recording Video	Software Program

<b>Discipline: Document Examination</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Chemical/Physical Comparison	Content Document	General Microscopy Reference Collection Software Program Visual
Recovery	Content Document	Electrostatic Detection Device Software Program Visual

<b>Discipline: Fire Debris and Explosives</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Qualitative Determination	Fire Debris	Gas Chromatography Mass Spectrometry

<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 Tool/Toolmark	General Microscopy Visual
Product (Make/Model) Determination	Ammunition Firearm	General Microscopy Measuring Equipment

		Reference Material
Serial Number Restoration	Physical Item	Chemical Magnetic Visual

<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 (NGI)
Physical Comparison	Ridge Detail	Software Program Visual

<b>Discipline: Impressions</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Enhancement	Footwear Physical Item Tire	Chemical Physical Software Program
Physical Comparison	Footwear Physical Item Tire	Software Program Visual
Product (Make/Model) Determination	Footwear Physical Item Tire	Reference Collection

<b>Discipline: Materials (Trace)</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Qualitative Determination	Gunshot Residue Hair	Energy Dispersive Spectroscopy General Microscopy Scanning Electron Microscopy Visual

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

Discipline: Toxicology - Testing		
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 Liquid	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 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.



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