



**ANSI National Accreditation Board**

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

**Accreditation Requirements for Forensic Testing and Calibration (2023)  
FBI Quality Assurance Standards for Forensic DNA Testing Laboratories:2020  
FBI Quality Assurance Standards for DNA Databasing Laboratories:2020**

**South Carolina Law Enforcement Division**

4700 Broad River Road  
Columbia, South Carolina 29210 USA

**FORENSIC TESTING**

Expiry Date: 28 February 2027

Certificate Number: FT-0197

<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
DNA Profile Determination (Database Samples)	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	Capillary Electrophoresis Chemical Fluorescence Spectroscopy 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 Video	Software Program

Authentication	Digital Data Image Video	Software Program
Content Analysis	Digital Data Image Video	Software Program Visual
Enhancement	Image Video	Software Program
Reconstruction	Inspection/Test Result Other Information Physical Item	Model Software Program
Transcoding	Digital Data Image Video	Software Program

<b>Discipline: Document Examination</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Field Sampling	Physical Item	Not Applicable
Authentication	Document Substrate	General Microscopy Reference Collection Visual
Chemical/Physical Comparison	Content Document Fractured Item Stamp Substrate	General Microscopy Reference Collection Visual
Qualitative Determination	Content Copier Document Fractured Item Ink Printer Stamp Substrate Typewriter	General Microscopy Reference Collection Visual
Recovery	Content Document	Electrostatic Detection Device General Microscopy Visual

<b>Discipline: Fire Debris and Explosives</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Chemical/Physical Comparison	Explosive	Chemical Energy Dispersive Spectroscopy Gas Chromatography General Microscopy Imaging

		Infrared Spectroscopy Mass Spectrometry Microcrystalline Scanning Electron Microscopy Visual
Function Evaluation	Explosive	General Microscopy Imaging Visual
Qualitative Determination	Explosive	Chemical Energy Dispersive Spectroscopy Gas Chromatography General Microscopy Imaging Infrared Spectroscopy Mass Spectrometry Microcrystalline Scanning Electron Microscopy Visual
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 Tool	Dead Weight Measuring Equipment Visual
Individual Characteristic Database	Ammunition	National Integrated Ballistic Information Network (NIBIN)
Physical Comparison	Ammunition Tool/Toolmark	General Microscopy Measuring Equipment Software Program Visual
Qualitative Determination	Ammunition Firearm Metal Tool	General Microscopy Measuring Equipment Reference Collection
Serial Number Restoration	Physical Item	Chemical General Microscopy 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 System (NGI)

Physical Comparison	Ridge Detail	Software Program Visual
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<b>Discipline: Impressions</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Enhancement	Footwear Tire	Chemical Physical
Physical Comparison	Footwear Tire	Software Program Visual
Qualitative Determination	Blood Footwear Tire	Chemical Reference Collection

<b>Discipline: Materials (Trace)</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Chemical/Physical Comparison	Adhesive Coating Fiber/Textile Fractured Item General Unknown Glass Metal Polymer Tape	Chemical Energy Dispersive Spectroscopy Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry Microcrystalline Refractometry Scanning Electron Microscopy Visual
Qualitative Determination	Adhesive Coating Fiber/Textile General Unknown Glass Gunshot Residue Metal Polymer Tape	Chemical Energy Dispersive Spectroscopy Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry Microcrystalline Reference Collection Refractometry Scanning Electron Microscopy Visual

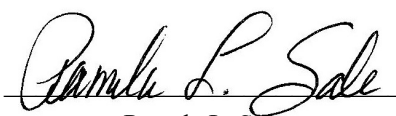
<b>Discipline: Scene Investigation</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Field Sampling	Physical Item	Not Applicable
Enhancement	Physical Item	Chemical Physical

Qualitative Determination	Body Fluid Metal	Chemical Metal Detector Visual
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Discipline: Seized Drugs		
Component/Parameter	Item	Key Equipment/Technology
Qualitative Determination	Botanical Liquid Solid	Chemical Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry 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 Liquid Chromatography Mass Spectrometry Ultraviolet Spectroscopy Visible Spectroscopy
Qualitative Determination (Volatiles)	Ante-Mortem Biological Item Liquid Post-Mortem Biological Item	Gas Chromatography Mass Spectrometry
Quantitative Measurement	Ante-Mortem Biological Item Post-Mortem Biological Item	Gas Chromatography Liquid Chromatography Mass Spectrometry Ultraviolet Spectroscopy Visible Spectroscopy
Quantitative Measurement (Volatiles)	Ante-Mortem Biological Item Liquid Post-Mortem Biological Item	Gas Chromatography

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 Pamela L. Sale  
 Vice President, Forensics