



**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**

**San Diego County Sheriff's Department  
Regional Crime Laboratory**

5590 Overland Avenue  
San Diego, California 92123 USA

**FORENSIC TESTING**

Expiry Date: 30 November 2026

Certificate Number: FT-0261

<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 Fluorescence Spectroscopy General Microscopy Immunoassay

<b>Discipline: Bloodstain Pattern Analysis</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Bloodstain Pattern Classification	Stain	General Microscopy Visual
Reconstruction	Inspection/Test Result Other Information	Model Software Program

<b>Discipline: Document Examination</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Authentication	Document Substrate	General Microscopy Imaging Software Program Visual
Chemical/Physical Comparison	Content Document Fractured Item	General Microscopy 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	Explosive	Chemical Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry Microcrystalline Visual X-Ray Fluorescence Spectroscopy
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>
Distance Determination	Firearm Physical Item	Chemical General Microscopy Measuring Equipment
Function Evaluation	Firearm	Dead Weight Measuring Equipment Visual
Individual Characteristic Database	Ammunition	National Integrated Ballistic Information Network (NIBIN)
Physical Comparison	Ammunition	General Microscopy Visual
Qualitative Determination	Ammunition Firearm Metal Nitrate	Chemical General Microscopy Measuring Equipment Reference Collection

Serial Number Restoration	Physical Item	Chemical General Microscopy Magnetic Visual
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Discipline: Friction Ridge		
Component/Parameter	Item	Key Equipment/Technology
Field Sampling	Physical Item	Not Applicable
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
Physical Comparison	Footwear Tire	Software Program Visual

Discipline: Materials (Trace)		
Component/Parameter	Item	Key Equipment/Technology
Chemical/Physical Comparison	Adhesive Coating Fiber/Textile Fractured Item General Unknown Tape	Chemical Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry Visual X-Ray Fluorescence Spectroscopy
Qualitative Determination	Adhesive Coating Fiber/Textile General Unknown Hair Tape	Chemical Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry Visual Reference Collection X-Ray Fluorescence Spectroscopy

<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
Reconstruction	Inspection/Test Result Other Information Physical Item Scene	Model Software Program
Trajectory Determination	Inspection/Test Result Physical Item	Imaging

<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 Microcrystalline Raman Spectroscopy Thin Layer Chromatography Visual
Weight Determination	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	Liquid Chromatography Mass Spectrometry
Qualitative Determination (Volatiles)	Ante-Mortem Biological Item Liquid	Gas Chromatography
Quantitative Measurement	Ante-Mortem Biological Item	Liquid Chromatography Mass Spectrometry
Quantitative Measurement (Volatiles)	Ante-Mortem Biological Item Liquid	Gas Chromatography

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