



**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:2011**

**Mesa Police Department Forensic Services**

133 North Morris  
Mesa, Arizona 85201 USA

**FORENSIC TESTING**

Expiry Date: 30 June 2023

Certificate Number: FT-0161

<b>Discipline: Biology</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
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

<b>Discipline: Bloodstain Pattern Analysis</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Area of Convergence/Origin Determination	Stain	Imaging Measuring Equipment
Bloodstain Pattern Classification	Stain	General Microscopy Visual
Qualitative Determination	Blood	Chemical
Reconstruction	Other Information Physical Item Test Result	Model Software Program

<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>
Field Sampling	Physical Item	Adhesive Cast Imaging Ink Measuring Equipment
Distance Determination	Firearm Physical Item	Chemical General Microscopy Measuring Equipment
Function Evaluation	Air Gun Firearm Silencer	Chronograph Dead Weight Measuring Equipment Visual
Individual Characteristic Database	Ammunition	National Integrated Ballistic Information Network (NIBIN)
Physical Comparison	Ammunition Fractured Item Tool/Toolmark	General Microscopy Visual
Qualitative Determination	Ammunition Firearm Metal Nitrate Tool	Chemical General Microscopy Measuring Equipment Reference Collection
Reconstruction	Air Gun Conducted Electrical Weapon Firearm Other Information Test Result Tool	Software Program
Serial Number Restoration	Physical Item	Chemical
Trajectory Determination	Physical Item Test Result	Measuring Equipment

<b>Discipline: Friction Ridge</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Field Sampling	Physical Item	Adhesive Cast Imaging Ink
Enhancement	Ridge Detail	Chemical Physical Software Program
Individual Characteristic Database	Ridge Detail	Arizona Automated Fingerprint Identification System (AZAFIS) Next Generation Identification (NGI)
Physical Comparison	Ridge Detail	Software Program Visual
Physical Comparison (Tenprint)	Ridge Detail	Software Program Visual
Qualitative Determination	Blood	Chemical

<b>Discipline: Impressions</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Field Sampling	Physical Item	Adhesive Cast Electrostatic Imaging
Enhancement	Footwear Tire	Chemical Physical Software Program
Physical Comparison	Footwear Tire	Software Program Visual
Qualitative Determination	Footwear Tire	Reference Collection

<b>Discipline: Scene Investigation</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Field Sampling	Physical Item	Imaging Measuring Equipment
Enhancement	Physical Item	Chemical Physical
Qualitative Determination	Body Fluid Drug Metal	Chemical Immunoassay Metal Detector

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

Discipline: Toxicology		
Component/Parameter	Item	Key Equipment/Technology
Qualitative Determination	Ante-Mortem Biological Item	Gas Chromatography Immunoassay Liquid Chromatography Mass Spectroscopy
Quantitative Measurement	Ante-Mortem Biological Item	Gas Chromatography Mass Spectroscopy

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