



# CERTIFICATE OF ACCREDITATION

**ANSI National Accreditation Board**

2000 Regency Parkway, Suite 430, Cary, NC 27518

This is to certify that

**Mississippi Department of Public Safety**

has been assessed by ANAB  
and meets the requirements of

**ISO/IEC 17025:2017**

**ANAB 17025:2017 Forensic Science Testing and Calibration Laboratories  
Accreditation Requirements:2018**

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

**FBI Quality Assurance Standards for DNA Databasing Laboratories:2011**

while demonstrating technical competence in the field of

**FORENSIC TESTING**

Refer to the accompanying Scope of Accreditation for information  
regarding the types of tests to which this accreditation applies

Certificate Number: FT-0070

Valid to: 12/31/2022

Pamela L. Sale  
Vice President, Forensics





# ANSI-ASQ National Accreditation Board

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

**ANAB 17025:2017 Forensic Science Testing and Calibration Laboratories  
Accreditation Requirements:2018**

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

**FBI Quality Assurance Standards for DNA Databasing Laboratories:2011**

### Mississippi Department of Public Safety

See locations listed below

### FORENSIC TESTING

Valid to: December 31, 2022

Certificate Number: FT-0070

#### Pearl Forensics Laboratory (Headquarters)

215 Allen Stuart Drive  
Pearl, Mississippi 39208

<b>Discipline: Biology</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Collection	Conventional Serology SOP (DOC 773)	Physical Evidence	Refer to Method
Body Fluid Identification	Conventional Serology SOP (DOC 773)	Blood, Semen	Refer to Method
DNA-STR	Flexible Scope <sup>1</sup>	Blood, Saliva, Hair, Bone, Teeth, Semen, Epithelial Cells	Capillary Electrophoresis Genetic Analyzers, Robotic and Manual Systems
DNA-YSTR	Flexible Scope <sup>1</sup>	Blood, Saliva, Hair, Bone, Teeth, Semen, Epithelial Cells	Capillary Electrophoresis Genetic Analyzers, Robotic and Manual Systems
Individual Characteristic Database	CODIS SOP (DOC 771)	Blood, Saliva	Combined DNA Index System (CODIS)



<b>Discipline: Firearms and Toolmarks</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Physical Comparison	Firearms and Toolmarks SOP (DOC 775)	Firearm, Firearm Components, Toolmark, Toolmark Components	Comparison Microscope, Calipers, Balance
Determination of Functionality	Firearms and Toolmarks SOP (DOC 775)	Firearm	Refer to Method
Length Measurement	Firearms and Toolmarks SOP (DOC 775)	Firearm	Refer to Method
Serial Number Restoration	Firearms and Toolmarks SOP (DOC 775)	Physical Evidence	Refer to Method
Trigger Pull Force Measurement	Firearms and Toolmarks SOP (DOC 775)	Firearm	Refer to Method
Distance Determination	Firearms and Toolmarks SOP (DOC 775)	Firearm, Firearm Components, Physical Evidence	Refer to Method
Product (Make/Model) Determination	Firearms and Toolmarks SOP (DOC 775)	Firearm, Firearm Components	General Rifling Characteristics (GRC) Database
Individual Characteristic Database	Firearms and Toolmarks SOP (DOC 775)	Firearm Components	National Integrated Ballistic Information Network (NIBIN)

<b>Discipline: Fire Debris and Explosives</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Determination	Flexible Scope <sup>1</sup>	Ignitable Liquids, Fire Debris	Gas Chromatography, Mass Spectrometry

<b>Discipline: Footwear/Tire</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Collection	Latent Print and Footwear/Tire SOP (DOC 927)	Footwear/Tire Impression	Electrostatic, Adhesive, Photography
Enhancement	Latent Print and Footwear/Tire SOP (DOC 927)	Footwear/Tire Impression	Visual, Photography, Physical, Chemical
Physical Comparison	Latent Print and Footwear/Tire SOP (DOC 927)	Footwear/Tire Impression	Refer to Method



Product (Make/Model) Determination	Latent Print and Footwear/Tire SOP (DOC 927)	Footwear/Tire Impression	Shoeprint Image Capture and Retrieval (SICAR)
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<b>Discipline: Friction Ridge</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Collection	Latent Print and Footwear/Tire SOP (DOC 927)	Physical evidence	Photography, Physical, Chemical
Enhancement	Latent Print and Footwear/Tire SOP (DOC 927)	Patent, Latent, Plastic	Visual, Photography, Physical, Chemical
Physical Comparison	Latent Print and Footwear/Tire SOP (DOC 927)	Patent, Latent, or Plastic to a Known; Known to Known; Unknown to Unknown	Refer to Method
Individual Characteristic Database	Latent Print and Footwear/Tire SOP (DOC 927)	Patent, Latent, Plastic or a Known	Automated Fingerprint Identification System (AFIS)

<b>Discipline: Gunshot Residue</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Collection	Trace SOP (DOC 782)	Physical Evidence	Refer to Methods
Qualitative Determination	Trace SOP (DOC 782)	Gunshot Residue	Scanning Electron Microscopy (SEM), Energy Dispersive Spectroscopy (EDS)

<b>Discipline: Materials (Trace)</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Collection	Trace SOP (DOC 782)	Physical Evidence	Refer to Methods
Physical Determination	Flexible Scope <sup>1</sup>	Fiber/Textile, Glass, Hair Paint, Tape, Fracture Match	Stereo and Polarized Light Microscope, Refractive Index, Scanning Electron Microscopy (SEM)



Chemical Determination	Flexible Scope <sup>1</sup>	Fiber/Textile, Glass, Paint	Scanning Electron Microscopy (SEM), Energy Dispersive Spectroscopy (EDS), Laser-induced Breakdown (LIBS) and Infrared Spectroscopy
Physical/Chemical Comparison	Trace SOP (DOC 782)	Fiber/Textile, Glass, Paint, Tape	Stereo and Polarized Light Microscope, Refractive Index, Scanning Electron Microscopy (SEM), Energy Dispersive Spectroscopy (EDS), Laser-induced Breakdown (LIBS) and Infrared Spectroscopy

<b>Discipline: Seized Drugs</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Determination	Flexible Scope <sup>1</sup>	Solid, Liquid, Botanical	Macroscopic and Microscopic Exam, Gas Chromatography, Mass Spectrometry, Ultraviolet and Infrared Spectroscopy
Quantitative Measurement (Ethanol Only)	Toxicology SOP (DOC 776)	Liquid	Gas and Liquid Chromatography
Weight Measurement	Drug SOP (DOC 774)	Solid, Botanical	Balance
Volume Measurement	Drug SOP (DOC 774)	Liquid	Volumetric Glassware

<b>Discipline: Toxicology</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Determination	Flexible Scope <sup>1</sup>	Blood, Urine, Vitreous Humor, Serum, Tissues, Gastric Contents	Immunoassay, Gas and Liquid chromatography, Mass Spectrometry
Quantitative Measurement	Flexible Scope <sup>1</sup>	Blood, Urine, Vitreous Humor, Serum,	Gas and Liquid chromatography, Mass Spectrometry, Cooximetry



**Batesville Forensics Laboratory**

22000B Hwy 35 North  
Batesville, Mississippi 38606

<b>Discipline: Biology</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Collection	Conventional Serology SOP (DOC 773)	Physical Evidence	Refer to Method
Body Fluid Identification	Conventional Serology SOP (DOC 773)	Blood, Semen	Refer to Method

<b>Discipline: Friction Ridge</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Collection	Latent Print and Footwear/Tire SOP (DOC 927)	Physical evidence	Photography, Physical, Chemical
Enhancement	Latent Print and Footwear/Tire SOP (DOC 927)	Patent, Latent, Plastic	Visual, Photography, Physical, Chemical
Physical Comparison	Latent Print and Footwear/Tire SOP (DOC 927)	Patent, Latent, or Plastic to a Known; Known to Known; Unknown to Unknown	Refer to Method
Individual Characteristic Database	Latent Print and Footwear/Tire SOP (DOC 927)	Patent, Latent, Plastic or a Known	Automated Fingerprint Identification System (AFIS)

<b>Discipline: Footwear/Tire</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Collection	Latent Print and Footwear/Tire SOP (DOC 927)	Footwear/Tire Impression	Electrostatic, Adhesive, Photography
Enhancement	Latent Print and Footwear/Tire SOP (DOC 927)	Footwear/Tire Impression	Visual, Photography, Physical, Chemical
Physical Comparison	Latent Print and Footwear/Tire SOP (DOC 927)	Footwear/Tire Impression	Refer to Method



Product (Make/Model) Determination	Latent Print and Footwear/Tire SOP (DOC 927)	Footwear/Tire Impression	Shoeprint Image Capture and Retrieval (SICAR)
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<b>Discipline: Seized Drugs</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Determination	Flexible Scope <sup>1</sup>	Solid, Liquid, Botanical,	Macroscopic and Microscopic Exam, Gas Chromatography, Mass Spectrometry, Ultraviolet and Infrared Spectroscopy
Weight Measurement	Drug SOP (DOC 774)	Solid, Botanical	Balance
Volume Measurement	Drug SOP (DOC 774)	Liquid	Volumetric Glassware

**Gulf Coast Forensics Laboratory**

16743 Hwy 67  
Biloxi, Mississippi 39532

<b>Discipline: Biology</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Collection	Conventional Serology SOP (DOC 773)	Physical Evidence	Refer to Method
Body Fluid Identification	Conventional Serology SOP (DOC 773)	Blood, Semen	Refer to Method

<b>Discipline: Firearms and Toolmarks</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Physical Comparison	Firearms and Toolmarks SOP (DOC 775)	Firearm, Firearm Components, Toolmark, Toolmark Components	Comparison Microscope, Calipers, Balance
Determination of Functionality	Firearms and Toolmarks SOP (DOC 775)	Firearm	Refer to Method
Length Measurement	Firearms and Toolmarks SOP (DOC 775)	Firearm	Refer to Method
Serial Number Restoration	Firearms and Toolmarks SOP (DOC 775)	Physical Evidence	Refer to Method
Trigger Pull Force Measurement	Firearms and Toolmarks SOP (DOC 775)	Firearm	Refer to Method



Distance Determination	Firearms and Toolmarks SOP (DOC 775)	Firearm, Firearm Components, Physical Evidence	Refer to Method
Product (Make/Model) Determination	Firearms and Toolmarks SOP (DOC 775)	Firearm, Firearm Components	General Rifling Characteristics (GRC) Database
Individual Characteristic Database	Firearms and Toolmarks SOP (DOC 775)	Firearm, Firearm Components	National Integrated Ballistic Information Network (NIBIN)

<b>Discipline: Document Examination</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Physical Comparison	QD SOP (DOC 933) and SWGDOC Standards	Handwriting, Hand Printing, Documents, Records	Refer to Method
Product Determination	QD SOP (DOC 933) and SWGDOC Standards	Printer, Typewriter, Copier	Refer to Method
Document Authentication	QD SOP (DOC 933) and SWGDOC Standards	Documents, Records	Refer to Method

<b>Discipline: Friction Ridge</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Collection	Latent Print and Footwear/Tire SOP (DOC 927)	Physical evidence	Photography, Physical, Chemical
Enhancement	Latent Print and Footwear/Tire SOP (DOC 927)	Patent, Latent, Plastic	Visual, Photography, Physical, Chemical
Physical Comparison	Latent Print and Footwear/Tire SOP (DOC 927)	Patent, Latent, or Plastic to a Known; Known to Known: Unknown to Unknown	Refer to Method
Individual Characteristic Database	Latent Print and Footwear/Tire SOP (DOC 927)	Patent, Latent, Plastic or a Known	Automated Fingerprint Identification System (AFIS)

<b>Discipline: Footwear/Tire</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Collection	Latent Print and Footwear/Tire SOP (DOC 927)	Footwear/Tire Impression	Electrostatic, Adhesive, Photography





Enhancement	Latent Print and Footwear/Tire SOP (DOC 927)	Footwear/Tire Impression	Visual, Photography, Physical, Chemical
Physical Comparison	Latent Print and Footwear/Tire SOP (DOC 927)	Footwear/Tire Impression	Refer to Method
Product (Make/Model) Determination	Latent Print and Footwear/Tire SOP (DOC 927)	Footwear/Tire Impression	Shoeprint Image Capture and Retrieval (SICAR)

**Discipline: Seized Drugs**

Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination	Flexible Scope <sup>1</sup>	Solid, Liquid, Botanical	Macroscopic and Microscopic Exam, Gas Chromatography, Mass Spectrometry, Ultraviolet and Infrared Spectroscopy
Quantitative Measurement (Ethanol Only)	Toxicology SOP (DOC 776)	Liquid	Gas and Liquid Chromatography
Weight Measurement	Drug SOP (DOC 774)	Solid, Botanical	Balance
Volume Measurement	Drug SOP (DOC 774)	Liquid	Volumetric Glassware

**Discipline: Toxicology**

Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Quantitative Measurement	Flexible Scope <sup>1</sup>	Blood, Urine, Vitreous Humor, Serum	Gas Chromatography

**Meridian Forensics Laboratory**

2119-C Hwy 19 North  
Meridian, Mississippi 39307

**Discipline: Biology**

Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Collection	Conventional Serology SOP (DOC 773)	Physical Evidence	Refer to Method
Body Fluid Identification	Conventional Serology SOP (DOC 773)	Blood, Semen	Refer to Method



<b>Discipline: Friction Ridge</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Collection	Latent Print and Footwear/Tire SOP (DOC 927)	Physical evidence	Photography, Physical, Chemical
Enhancement	Latent Print and Footwear/Tire SOP (DOC 927)	Patent, Latent, Plastic	Visual, Photography, Physical, Chemical
Physical Comparison	Latent Print and Footwear/Tire SOP (DOC 927)	Patent, Latent, or Plastic to a Known; Known to Known; Unknown to Unknown	Refer to Method
Individual Characteristic Database	Latent Print and Footwear/Tire SOP (DOC 927)	Patent, Latent, Plastic or a Known	Automated Fingerprint Identification System (AFIS)

<b>Discipline: Seized Drugs</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Determination	Flexible Scope <sup>1</sup>	Solid, Liquid, Botanical,	Macroscopic and Microscopic Exam, Gas Chromatography, Mass Spectrometry, Ultraviolet and Infrared Spectroscopy
Weight Measurement	Drug SOP (DOC 774)	Solid, Botanical	Balance
Volume Measurement	Drug SOP (DOC 774)	Liquid	Volumetric Glassware

Note 1: A flexible scope has been granted for this component/parameter or characteristic tested. ANAB has assessed the competence required to develop, validate, and perform quality assurance within this provided service. New or modified methods for the item(s) and equipment/technology(ies) listed in this row on the Scope of Accreditation may be introduced. New measurement principles, item(s), and technology(ies) will require evaluation by ANAB prior to granting a scope extension. Contact the forensic service provider for information on the specific test method in use at any point in time and utilized for accredited testing work.



Pamela L. Sale  
Vice President, Forensics

