



**ANSI-ASQ National Accreditation Board**

**SCOPE OF ACCREDITATION TO:  
ISO/IEC 17025:2005**

**ANAB 17025:2005 Forensic Science Testing Laboratories Accreditation Requirements:2017  
FBI Quality Assurance Standards for Forensic Testing Laboratories:2011**

**Houston Forensic Science Center**

1301 Fannin Street, Suite 170  
Houston, TX 77002

**FORENSIC TESTING**

Valid to: November 30, 2022

Certificate Number: FT-0059

<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>
Body Fluid Identification	Biology	Blood, Semen	Refer to Method
DNA STR	Flexible Scope <sup>1</sup>	Blood, Semen, Saliva, Hair, Epithelial Cells	Quantitative PCR, PCR and Capillary Electrophoresis
Relationship Testing	Flexible Scope <sup>1</sup>	Blood, Semen, Saliva, Hair, Epithelial Cells	Quantitative PCR, PCR and Capillary Electrophoresis
Individual Characteristic Database	DNA Interpretation, CODIS, Profile Comparison Tool	Blood, Semen, Saliva, Hair, Epithelial Cells	Combined DNA Index System (CODIS)

<b>Discipline: Crime Scene Investigation <sup>2,3</sup></b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Scene Documentation	Crime Scene Unit	Location	Refer to Method
Enhancement	Crime Scene Unit	Physical Evidence	Refer to Method
Presumptive Testing	Crime Scene Unit	Body Fluids	Refer to Method
Collection	Crime Scene Unit	Physical Evidence	Refer to Method



<b>Discipline: Digital Evidence</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Collection	Flexible Scope <sup>1</sup>	Physical and Digital Evidence	Refer to Method
Preservation	Flexible Scope <sup>1</sup>	Physical and Digital Evidence	Refer to Method
Acquisition/Extraction	Flexible Scope <sup>1</sup>	Digital Data	Refer to Method
Analysis	Flexible Scope <sup>1</sup>	Digital Data	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 Section	Firearm, Firearm Components	Comparison Microscope
Product (Make/Model) Determination	Firearms Section	Firearm, Firearm Components	General Rifling Characteristics (GRC) Database
Functionality Determination	Firearms Section	Firearm	Refer to Method
Length Measurement	Firearms Section	Firearm	Refer to Method
Serial Number Restoration	Firearms Section	Firearm	Refer to Method
Individual Characteristic Database	Firearms Section	Firearm Components	National Integrated Ballistic Information Network (NIBIN)
Trigger Pull Force Measurement	Firearms Section	Firearm	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 Processing	Physical Evidence	Photography
Enhancement	Latent Print Processing	Patent, Latent, Plastic	Coherent Laser, Photo Equipment, Alternate Light Source, Photoshop
Physical Comparison	Latent Print Analysis, Comparison, Evaluation and Verification Methodology	Patent, Latent, or Plastic to a Known; Known to Known; Unknown to Unknown	Refer to Method
Individual Characteristic Database	Automated Fingerprint Identification System (AFIS) Operations	Patent, Latent, or 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>	Solids, Liquid, Botanical	Microscopic Exam, Color Spot Test, Thin Layer and Gas Chromatography, Infrared and Ultraviolet Spectroscopy, Mass Spectrometry
Quantitative Measurement	Analytical Manual	Liquid	Gas Chromatography, Mass Spectrometry
Weight Measurement	Seized Drugs	Solids, Liquid, Botanical	Balance

<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	Toxicology Analytical Manual	Blood, Serum, Urine	Immunoassay, Gas Chromatography, Mass Spectrometry
Quantitative Measurement	Toxicology Analytical Manual	Blood, Serum	Gas Chromatography, Mass Spectrometry

<b>Discipline: Video/ Imaging Technology and Analysis</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Analysis	Audio Analysis Video Analysis	Audio Video	Refer to Method
Collection <sup>2,3</sup>	Scene Response, DVR Extraction	Physical Evidence, Audio, Video	Refer to Method

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.

Note 2: Field Testing: performance of testing task(s) at a location other than that listed on this scope of accreditation. Often, but not always, the location is not under the control of the forensic service provider.

Note 3: The forensic service provider performs these testing services both at the stated location and in the field.



Pamela L. Sale  
Vice President, Forensics

