



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

2000 Regency Parkway, Suite 430, Cary, NC 27518

This is to certify that

**Texas Department of Public Safety
Crime Laboratory Service**

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**

FBI Quality Assurance Standards for Forensic DNA 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-0227

Valid to: 12/31/2020

Pamela L. Sale
Vice President, Forensics





ANSI National Accreditation Board

SCOPE OF ACCREDITATION TO: ISO/IEC 17025:2017

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

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

Texas Department of Public Safety Crime Laboratory Service

see locations listed below

FORENSIC TESTING

Valid to: December 31, 2020

Certificate Number: FT-0227

Austin Regional Laboratory

5800 Guadalupe Street
Austin, Texas 78752

Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Body Fluid Identification ¹	Flexible Scope	Human Blood, Semen	Visual, Color Test, Microscopy
Male Screening ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Data Interpretation System
DNA-STR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
DNA-YSTR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
Individual Characteristic Database	DNA Manual, CODIS Manual, NDIS Procedures Manual	DNA Profile	Combined DNA Index System (CODIS)



Discipline: Digital Evidence			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Acquisition/Extraction ¹	Flexible Scope	Digital Data, Multimedia Recordings, Photographic Images	Refer to Test Method
Analysis/Evaluation ¹	Flexible Scope	Digital Data, Multimedia Recordings, Photographic Images	Refer to Test Method
Authentication ¹	Flexible Scope	Digital Data, Multimedia Recordings, Photographic Images	Refer to Test Method
Reconstruction ¹	Flexible Scope	Digital Data, Multimedia Recordings, Photographic Images	Refer to Test Method

Discipline: Document Examination			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Analysis	Forensic Document Examination Manual	Handwriting, Hand-Printing, Documents, Records, Printer, Copier, Typewriter, Rubber Stamps	Refer to Test Method
Physical Comparison	Forensic Document Examination Manual	Handwriting, Hand-Printing, Documents, Records, Printer, Copier, Typewriter, Rubber Stamps	Refer to Test Method
Recovery	Forensic Document Examination Manual	Altered, Charred, Indented Documents, Records	Refer to Test Method

Discipline: Firearms and Toolmarks			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Serial Number Restoration	Firearms and Toolmarks Manual	Physical Item	Visual, Chemical, Physical
Firearm Length Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Trigger Pull Force Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Determination of Functionality	Firearms and Toolmarks Manual	Firearm	Refer to Test Method

Product (Make/Model) Determination	Firearms and Toolmarks Manual	Firearm, Firearm/Ammunition Components	General Rifling Characteristics (GRC) Database
Physical Comparison	Firearms and Toolmarks Manual	Firearm, Firearm Components, Toolmark, Toolmark Components	Visual, Microscopy
Ejection Pattern Determination	Firearms and Toolmarks Manual	Firearm, Ammunition	Visual, Photography, Measuring Equipment
Trajectory Determination	Firearms and Toolmarks Manual	Location, Physical Item	Visual, Photography, Measuring Equipment
Distance Determination	Firearms and Toolmarks Manual	Firearm, Firearm Components, Physical Evidence	Visual, Microscopy, Chemical, Measuring Equipment

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

Discipline: Friction Ridge			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Collection ²	Friction Ridge Manual	Patent, Latent, Plastic Image	Visual Chemical, Digital, Photography
Enhancement ^{2,3}	Friction Ridge Manual	Patent, Latent, Plastic Image	Visual Chemical, Digital, Photography
Physical Comparison	Friction Ridge Manual, AFIS Manual	Patent; Latent, Plastic, Known to Known, Unknown to Known, Unknown to Unknown	Refer to Test Method
Individual Characteristic Database	AFIS Manual	Patent, Latent, Plastic	Automated Fingerprint Identification System (AFIS)

Discipline: Footwear/Tire			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Collection ²	Trace Evidence Manual	Footwear, Tire, Footwear/Tire Impression	Visual, Physical, Chemical, Photography, Digital
Enhancement ^{2,3}	Trace Evidence Manual	Footwear/Tire Impression	Visual, Physical, Chemical, Photography, Digital



Physical Comparison	Trace Evidence Manual	Footwear, Tire, Footwear/Tire Impression	Refer to Test Method
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Discipline: Gunshot Residue			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination	Trace Evidence Manual	Gunshot Residue	Scanning Electron Microscopy, Energy Dispersive Spectroscopy

Discipline: Materials (Trace)			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Physical Match Comparison	Trace Evidence Manual	Tape, Glass, Textile, Paint/Polymer, Wood, Paper, Plastic, Metal, Ceramic, Cordage/Rope	Visual, Macroscopic Examination, Photography, Digital
Physical/Chemical Comparison ¹	Flexible Scope	Fiber/Textile, Glass, Hair, Paint/Polymer, Tape, General Unknown	Visual, Macroscopic Examination, Microscopic Examination, Glass Refractive Index Measurement, Chemical Testing, Thin Layer Chromatography, Microspectrophotometry, Pyrolysis Gas Chromatography, Mass Spectrometry, Gas Chromatography, Scanning Electron Microscopy-Energy Dispersive Spectrometry, X-Ray Diffraction, X-Ray Fluorescence, Infrared Spectroscopy
Physical/Chemical Determination ¹	Flexible Scope	Fiber/Textile, Glass, Hair, Paint/Polymer, Tape, Filaments, General Unknown	Visual, Macroscopic Examination, Microscopic Examination, Glass Refractive Index Measurement, Chemical Testing, Thin Layer Chromatography, Microspectrophotometry, Pyrolysis Gas,



			Chromatography, Mass Spectrometry, Gas Chromatography, Scanning Electron Microscopy-Energy Dispersive Spectrometry, X-Ray Diffraction, X-Ray Fluorescence, Infrared Spectroscopy
Product (Make/Model) Determination	Trace Evidence Manual	Paint	Automotive Paint Data Query Database (PDQ)

Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Weight Measurement	Seized Drugs Manual	Solid, Liquid, Botanical	Balance
Qualitative Determination ¹	Flexible Scope	Solid, Liquid, Botanical	Color Spot Tests, Macroscopic & Microscopic Examination, Thin Layer Chromatography, Ultraviolet/Visible Spectrophotometry, Infrared Spectroscopy, Liquid Chromatography, Gas Chromatography, Mass Spectrometry
Quantitative Measurement (Methamphetamine Only) ¹	Flexible Scope	Solid, Liquid	Gas Chromatography, Mass Spectrometry, Liquid Chromatography

Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Immunoassay, Gas Chromatography, Mass Spectrometry, Liquid Chromatography
Quantitative Measurement ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography, Mass Spectrometry, Liquid Chromatography

Discipline: Video/ Imaging Technology and Analysis			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Acquisition/Extraction ¹	Flexible Scope	Digital/Analogue Video Photographic Images, Analogue Audio	Refer to Test Method
Enhancement ¹	Flexible Scope	Digital/Analogue Video Photographic Images, Analogue Audio	Refer to Test Method
Analysis/Evaluation ¹	Flexible Scope	Digital/Analogue Video Photographic Images, Analogue Audio	Refer to Test Method
Authentication ¹	Flexible Scope	Digital/Analogue Video Photographic Images, Analogue Audio	Refer to Test Method
Reconstruction ¹	Flexible Scope	Digital/Analogue Video Photographic Images, Analogue Audio	Refer to Test Method

CODIS Laboratory
5800 Guadalupe Street
Austin, Texas 78752

Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
DNA-STR ¹	Flexible Scope	Human Blood, Saliva	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
DNA-YSTR ¹	Flexible Scope	Human Blood, Saliva	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
Individual Characteristic Database	DNA Manual, CODIS Manual, NDIS Procedures Manual	DNA Profile	Combined DNA Index System (CODIS)



Abilene Regional Laboratory
2720 Industrial Blvd.
Abilene, Texas 79605

Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Weight Measurement	Seized Drugs Manual	Solid; Liquid; Botanical	Balance
Qualitative Determination ¹	Flexible Scope	Solid, Liquid, Botanical	Color Spot Tests, Macroscopic & Microscopic Examination, Thin Layer Chromatography, Ultraviolet/Visible Spectrophotometry, Infrared Spectroscopy, Gas Chromatography, Mass Spectrometry

Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography
Quantitative Measurement (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography

Amarillo Regional Laboratory
4200 Canyon Drive
Amarillo, Texas 79109

Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Weight Measurement	Seized Drugs Manual	Solid, Liquid, Botanical	Balance
Qualitative Determination ¹	Flexible Scope	Solid, Liquid, Botanical	Color Spot Tests, Macroscopic & Microscopic Examination, Thin Layer Chromatography, Ultraviolet/Visible Spectrophotometry,



			Infrared Spectroscopy, Liquid Chromatography, Gas Chromatography, Mass Spectrometry
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Capitol Area Regional Laboratory

812 Springdale Road
Austin, Texas 78702

Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Body Fluid Identification ¹	Flexible Scope	Human Blood, Semen	Visual, Color Test, Microscopy
Male Screening ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Data Interpretation System
DNA-STR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
DNA-YSTR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
Individual Characteristic Database	DNA Manual, CODIS Manual, NDIS Procedures Manual	DNA Profile	Combined DNA Index System (CODIS)

Corpus Christi Regional Laboratory

1922 South Padre Island Drive
Corpus Christi, Texas 78416

Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Body Fluid Identification ¹	Flexible Scope	Human Blood, Semen	Visual, Color Test, Microscopy
DNA-STR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual Extraction Methods, Real Time PCR, Capillary



			Electrophoresis, Data Interpretation System
DNA-YSTR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
Individual Characteristic Database	DNA Manual, CODIS Manual, NDIS Procedures Manual	DNA Profile	Combined DNA Index System (CODIS)

Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Weight Measurement	Seized Drugs Manual	Solid, Liquid, Botanical	Balance
Qualitative Determination ¹	Flexible Scope	Solid, Liquid, Botanical	Color Spot Tests, Macroscopic & Microscopic Examination, Thin Layer Chromatography, Ultraviolet/Visible Spectrophotometry, Infrared Spectroscopy, Gas Chromatography, Mass Spectrometry

Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography
Quantitative Measurement (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography

El Paso Regional Laboratory
11612 Scott Simpson Drive
El Paso, Texas 79936

Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Body Fluid Identification ¹	Flexible Scope	Human Blood, Semen	Visual, Color Test, Microscopy



DNA-STR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
DNA-YSTR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
Individual Characteristic Database	DNA Manual, CODIS Manual, NDIS Procedures Manual	DNA Profile	Combined DNA Index System (CODIS)

Discipline: Firearms and Toolmarks

Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Serial Number Restoration	Firearms and Toolmarks Manual	Physical Item	Visual, Chemical, Physical
Firearm Length Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Trigger Pull Force Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Determination of Functionality	Firearms and Toolmarks Manual	Firearm	Refer to Test Method
Product (Make/Model) Determination	Firearms and Toolmarks Manual	Firearm, Firearm/Ammunition Components	General Rifling Characteristics (GRC) Database
Physical Comparison	Firearms and Toolmarks Manual	Firearm, Firearm Components, Toolmark, Toolmark Components	Visual, Microscopy
Ejection Pattern Determination	Firearms and Toolmarks Manual	Firearm, Ammunition	Visual, Photography, Measuring Equipment
Trajectory Determination	Firearms and Toolmarks Manual	Location, Physical Item	Visual, Photography, Measuring Equipment

Discipline: Seized Drugs

Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Weight Measurement	Seized Drugs Manual	Solid, Liquid, Botanical	Balance
Qualitative Determination ¹	Flexible Scope	Solid, Liquid, Botanical	Color Spot Tests,



			Macroscopic & Microscopic Examination, Thin Layer Chromatography, Ultraviolet/Visible Spectrophotometry, Infrared Spectroscopy, Gas Chromatography, Mass Spectrometry
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Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous;	Gas Chromatography
Quantitative Measurement (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous;	Gas Chromatography

Garland Regional Laboratory
402 West IH 30
Garland, Texas 75043

Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Body Fluid Identification ¹	Flexible Scope	Human Blood, Semen	Visual, Color Test, Microscopy
Male Screening ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Data Interpretation System
DNA-STR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
DNA-YSTR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
Individual Characteristic Database	DNA Manual, CODIS Manual, NDIS Procedures Manual	DNA Profile	Combined DNA Index System (CODIS)



Discipline: Firearms and Toolmarks			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Serial Number Restoration	Firearms and Toolmarks Manual	Physical Item	Visual, Chemical, Physical
Firearm Length Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Trigger Pull Force Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Determination of Functionality	Firearms and Toolmarks Manual	Firearm	Refer to Test Method
Product (Make/Model) Determination	Firearms and Toolmarks Manual	Firearm, Firearm/Ammunition Components	General Rifling Characteristics (GRC) Database
Physical Comparison	Firearms and Toolmarks Manual	Firearm, Firearm Components, Toolmark, Toolmark Components	Visual, Microscopy
Ejection Pattern Determination	Firearms and Toolmarks Manual	Firearm, Ammunition	Visual, Photography, Measuring Equipment
Trajectory Determination	Firearms and Toolmarks Manual	Location, Physical Item	Visual, Photography, Measuring Equipment

Discipline: Footwear/Tire			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Collection ²	Trace Evidence Manual	Footwear, Tire, Footwear/Tire Impression	Visual, Physical, Chemical, Photography, Digital
Enhancement ^{2,3}	Trace Evidence Manual	Footwear/Tire Impression	Visual, Physical, Chemical, Photography, Digital
Physical Comparison	Trace Evidence Manual	Footwear, Tire, Footwear/Tire Impression	Refer to Test Method

Discipline: Friction Ridge			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Collection ²	Friction Ridge Manual	Patent, Latent, Plastic Image	Visual Chemical, Digital, Photography
Enhancement ^{2,3}	Friction Ridge Manual	Patent, Latent, Plastic Image	Visual Chemical, Digital, Photography
Physical Comparison	Friction Ridge Manual, AFIS Manual	Patent; Latent, Plastic, Known to Known, Unknown to Known, Unknown to Unknown	Refer to Test Method

Discipline: Materials (Trace)			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Physical Match Comparison	Trace Evidence Manual	Tape, Glass, Textile, Paint/Polymer, Wood, Paper, Plastic, Metal, Ceramic, Cordage/Rope	Visual, Macroscopic Examination, Photography, Digital
Physical/Chemical Comparison ¹	Flexible Scope	Fiber/Textile, Hair, Paint/Polymer, Tape, General Unknown	Visual, Macroscopic Examination, Microscopic Examination, Chemical Testing, Thin Layer Chromatography, Microspectrophotometry, Pyrolysis Gas Chromatography, Mass Spectrometry, Gas Chromatography, Infrared Spectroscopy
Physical/Chemical Determination ¹	Flexible Scope	Fiber/Textile, Hair, Paint/Polymer, Tape, Filaments, General Unknown	Visual, Macroscopic Examination, Microscopic Examination, Chemical Testing, Thin Layer Chromatography, Microspectrophotometry, Pyrolysis Gas, Chromatography, Mass Spectrometry, Gas Chromatography, Infrared Spectroscopy
Product (Make/Model) Determination	Trace Evidence Manual	Paint	Automotive Paint Data Query Database (PDQ)

Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Weight Measurement	Seized Drugs Manual	Solid, Liquid, Botanical	Balance
Qualitative Determination ¹	Flexible Scope	Solid, Liquid, Botanical	Color Spot Tests, Macroscopic & Microscopic Examination, Thin Layer Chromatography, Ultraviolet/Visible Spectrophotometry, Infrared Spectroscopy, Liquid Chromatography, Gas Chromatography,



			Mass Spectrometry
Quantitative Measurement (Methamphetamine Only) ¹	Flexible Scope	Solid, Liquid	Gas Chromatography, Mass Spectrometry, Liquid Chromatography

Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography
Quantitative Measurement (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography

Houston Regional Laboratory
12230 West Road
Houston, Texas 77065

Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Body Fluid Identification ¹	Flexible Scope	Human Blood, Semen	Visual, Color Test, Microscopy
DNA-STR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
DNA-YSTR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
Individual Characteristic Database	DNA Manual, CODIS Manual, NDIS Procedures Manual	DNA Profile	Combined DNA Index System (CODIS)

Discipline: Firearms and Toolmarks			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Serial Number Restoration	Firearms and Toolmarks Manual	Physical Item	Visual, Chemical, Physical



Firearm Length Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Trigger Pull Force Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Determination of Functionality	Firearms and Toolmarks Manual	Firearm	Refer to Test Method
Product (Make/Model) Determination	Firearms and Toolmarks Manual	Firearm, Firearm/Ammunition Components	General Rifling Characteristics (GRC) Database
Physical Comparison	Firearms and Toolmarks Manual	Firearm, Firearm Components, Toolmark, Toolmark Components	Visual, Microscopy
Ejection Pattern Determination	Firearms and Toolmarks Manual	Firearm, Ammunition	Visual, Photography, Measuring Equipment
Trajectory Determination	Firearms and Toolmarks Manual	Location, Physical Item	Visual, Photography, Measuring Equipment

Discipline: Footwear/Tire			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Collection ²	Trace Evidence Manual	Footwear, Tire, Footwear/Tire Impression	Visual, Physical, Chemical, Photography, Digital
Enhancement ^{2,3}	Trace Evidence Manual	Footwear/Tire Impression	Visual, Physical, Chemical, Photography, Digital
Physical Comparison	Trace Evidence Manual	Footwear, Tire, Footwear/Tire Impression	Refer to Test Method

Discipline: Materials (Trace)			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Physical Match Comparison	Trace Evidence Manual	Tape, Glass, Textile, Paint/Polymer, Wood, Paper, Plastic, Metal, Ceramic, Cordage/Rope	Visual, Macroscopic Examination, Photography, Digital
Physical/Chemical Comparison ¹	Flexible Scope	Fiber/Textile, Hair, Paint/Polymer, Tape, General Unknown	Visual, Macroscopic Examination, Microscopic Examination, Chemical Testing, Thin Layer Chromatography, Microspectrophotometry, Pyrolysis Gas Chromatography, Mass Spectrometry, Gas

			Chromatography, Infrared Spectroscopy
Physical/Chemical Determination ¹	Flexible Scope	Fiber/Textile, Hair, Paint/Polymer, Tape, Filaments, General Unknown	Visual, Macroscopic Examination, Microscopic Examination, Chemical Testing, Thin Layer Chromatography, Microspectrophotometry, Pyrolysis Gas, Chromatography, Mass Spectrometry, Gas Chromatography, Infrared Spectroscopy
Product (Make/Model) Determination	Trace Evidence Manual	Paint	Automotive Paint Data Query Database (PDQ)

Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Weight Measurement	Seized Drugs Manual	Solid, Liquid, Botanical	Balance
Qualitative Determination ¹	Flexible Scope	Solid, Liquid, Botanical	Color Spot Tests, Macroscopic & Microscopic Examination, Thin Layer Chromatography, Ultraviolet/Visible Spectrophotometry, Infrared Spectroscopy, Liquid Chromatography, Gas Chromatography, Mass Spectrometry

Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography
Quantitative Measurement (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography

Laredo Regional Laboratory

1901 Bob Bullock Loop
Laredo, Texas 78043

Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Body Fluid Identification ¹	Flexible Scope	Human Blood, Semen	Visual, Color Test, Microscopy
Male Screening ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Data Interpretation System
DNA-STR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
DNA-YSTR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
Individual Characteristic Database	DNA Manual, CODIS Manual, NDIS Procedures Manual	DNA Profile	Combined DNA Index System (CODIS)

Discipline: Firearms and Toolmarks			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Serial Number Restoration	Firearms and Toolmarks Manual	Physical Item	Visual, Chemical, Physical
Firearm Length Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Trigger Pull Force Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Determination of Functionality	Firearms and Toolmarks Manual	Firearm	Refer to Test Method
Product (Make/Model) Determination	Firearms and Toolmarks Manual	Firearm, Firearm/Ammunition Components	General Rifling Characteristics (GRC) Database
Physical Comparison	Firearms and Toolmarks Manual	Firearm, Firearm Components	Visual, Microscopy



Ejection Pattern Determination	Firearms and Toolmarks Manual	Firearm, Ammunition	Visual, Photography, Measuring Equipment
Trajectory Determination	Firearms and Toolmarks Manual	Location, Physical Item	Visual, Photography, Measuring Equipment

Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Weight Measurement	Seized Drugs Manual	Solid, Liquid, Botanical	Balance
Qualitative Determination ¹	Flexible Scope	Solid, Liquid, Botanical	Color Spot Tests, Macroscopic & Microscopic Examination, Thin Layer Chromatography, Ultraviolet/Visible Spectrophotometry, Infrared Spectroscopy, Liquid Chromatography, Gas Chromatography, Mass Spectrometry

Lubbock Regional Laboratory
1404 Lubbock Business Park Blvd.
Lubbock, Texas 79403

Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Body Fluid Identification ¹	Flexible Scope	Human Blood, Semen	Visual, Color Test, Microscopy
DNA-STR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
DNA-YSTR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
Individual Characteristic Database	DNA Manual, CODIS Manual, NDIS Procedures Manual	DNA Profile	Combined DNA Index System (CODIS)



Discipline: Firearms and Toolmarks			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Serial Number Restoration	Firearms and Toolmarks Manual	Physical Item	Visual, Chemical, Physical
Firearm Length Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Trigger Pull Force Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Determination of Functionality	Firearms and Toolmarks Manual	Firearm	Refer to Test Method
Product (Make/Model) Determination	Firearms and Toolmarks Manual	Firearm, Firearm/Ammunition Components	General Rifling Characteristics (GRC) Database
Physical Comparison	Firearms and Toolmarks Manual	Firearm, Firearm Components	Visual, Microscopy
Ejection Pattern Determination	Firearms and Toolmarks Manual	Firearm, Ammunition	Visual, Photography, Measuring Equipment
Trajectory Determination	Firearms and Toolmarks Manual	Location, Physical Item	Visual, Photography, Measuring Equipment

Discipline: Friction Ridge			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Collection ²	Friction Ridge Manual	Patent, Latent, Plastic Image	Visual Chemical, Digital, Photography
Enhancement ^{2,3}	Friction Ridge Manual	Patent, Latent, Plastic Image	Visual Chemical, Digital, Photography
Physical Comparison	Friction Ridge Manual, AFIS Manual	Patent; Latent, Plastic, Known to Known, Unknown to Known, Unknown to Unknown	Refer to Test Method

Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Weight Measurement	Seized Drugs Manual	Solid, Liquid, Botanical	Balance
Qualitative Determination ¹	Flexible Scope	Solid, Liquid, Botanical	Color Spot Tests, Macroscopic & Microscopic Examination, Thin Layer Chromatography, Ultraviolet/Visible

			Spectrophotometry, Infrared Spectroscopy, Gas Chromatography, Mass Spectrometry
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Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography
Quantitative Measurement (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography

Midland Regional Laboratory
2405 South Loop 250 West
Midland, Texas 79703

Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Weight Measurement	Seized Drugs Manual	Solid, Liquid, Botanical	Balance
Qualitative Determination ¹	Flexible Scope	Solid, Liquid, Botanical	Color Spot Tests, Macroscopic & Microscopic Examination, Thin Layer Chromatography, Ultraviolet/Visible Spectrophotometry, Infrared Spectroscopy, Gas Chromatography, Mass Spectrometry

Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography
Quantitative Measurement (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography



Tyler Regional Laboratory
4700 University Blvd.
Tyler, Texas 75707

Discipline: Firearms and Toolmarks			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Serial Number Restoration	Firearms and Toolmarks Manual	Physical Item	Visual, Chemical, Physical
Firearm Length Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Trigger Pull Force Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Determination of Functionality	Firearms and Toolmarks Manual	Firearm	Refer to Test Method
Product (Make/Model) Determination	Firearms and Toolmarks Manual	Firearm, Firearm/Ammunition Components	General Rifling Characteristics (GRC) Database
Physical Comparison	Firearms and Toolmarks Manual	Firearm, Firearm Components	Visual, Microscopy
Ejection Pattern Determination	Firearms and Toolmarks Manual	Firearm, Ammunition	Visual, Photography, Measuring Equipment
Trajectory Determination	Firearms and Toolmarks Manual	Location, Physical Item	Visual, Photography, Measuring Equipment
Distance Determination	Firearms and Toolmarks Manual	Firearm, Firearm Components, Physical Evidence	Visual, Microscopy, Chemical, Measuring Equipment

Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Weight Measurement	Seized Drugs Manual	Solid, Liquid, Botanical	Balance
Qualitative Determination ¹	Flexible Scope	Solid, Liquid, Botanical	Color Spot Tests, Macroscopic & Microscopic Examination, Thin Layer Chromatography, Ultraviolet/Visible Spectrophotometry, Infrared Spectroscopy, Gas Chromatography, Mass Spectrometry



Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography
Quantitative Measurement (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography

Waco Regional Laboratory
1617 East Crest Drive
Waco, Texas 76705

Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Body Fluid Identification ¹	Flexible Scope	Human Blood, Semen	Visual, Color Test, Microscopy
DNA-STR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
DNA-YSTR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
Individual Characteristic Database	DNA Manual, CODIS Manual, NDIS Procedures Manual	DNA Profile	Combined DNA Index System (CODIS)

Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Weight Measurement	Seized Drugs Manual	Solid, Liquid, Botanical	Balance
Qualitative Determination ¹	Flexible Scope	Solid, Liquid, Botanical	Color Spot Tests, Macroscopic & Microscopic Examination, Thin Layer Chromatography, Ultraviolet/Visible Spectrophotometry, Infrared



			Spectroscopy, Gas Chromatography, Mass Spectrometry
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Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography
Quantitative Measurement (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography

Weslaco Regional Laboratory
2525 N. International Blvd
Weslaco, Texas 78599

Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Body Fluid Identification ¹	Flexible Scope	Human Blood, Semen	Visual, Color Test, Microscopy
Male Screening ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Data Interpretation System
DNA-STR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
DNA-YSTR ¹	Flexible Scope	Human Blood, Saliva, Hair, Seminal Fluid, Epithelial Cells	Robotic & Manual, Extraction Methods, Real Time PCR, Capillary Electrophoresis, Data Interpretation System
Individual Characteristic Database	DNA Manual, CODIS Manual, NDIS Procedures Manual	DNA Profile	Combined DNA Index System (CODIS)

Discipline: Firearms and Toolmarks			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Serial Number Restoration	Firearms and Toolmarks Manual	Physical Item	Visual, Chemical, Physical
Firearm Length Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Trigger Pull Force Measurement	Firearms and Toolmarks Manual	Firearm	Measuring Equipment
Determination of Functionality	Firearms and Toolmarks Manual	Firearm	Refer to Test Method
Product (Make/Model) Determination	Firearms and Toolmarks Manual	Firearm, Firearm/Ammunition Components	General Rifling Characteristics (GRC) Database
Physical Comparison	Firearms and Toolmarks Manual	Firearm, Firearm Components	Visual, Microscopy
Ejection Pattern Determination	Firearms and Toolmarks Manual	Firearm, Ammunition	Visual, Photography, Measuring Equipment
Trajectory Determination	Firearms and Toolmarks Manual	Location, Physical Item	Visual, Photography, Measuring Equipment

Discipline: Friction Ridge			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Collection ²	Friction Ridge Manual	Patent, Latent, Plastic Image	Visual Chemical, Digital, Photography
Enhancement ^{2,3}	Friction Ridge Manual	Patent, Latent, Plastic Image	Visual Chemical, Digital, Photography
Physical Comparison	Friction Ridge Manual, AFIS Manual	Patent; Latent, Plastic, Known to Known, Unknown to Known, Unknown to Unknown	Refer to Test Method

Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Weight Measurement	Seized Drugs Manual	Solid, Liquid, Botanical	Balance
Qualitative Determination ¹	Flexible Scope	Solid, Liquid, Botanical	Color Spot Tests, Macroscopic & Microscopic Examination, Thin Layer Chromatography,

			Ultraviolet/Visible Spectrophotometry, Infrared Spectroscopy, Gas Chromatography, Mass Spectrometry
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Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography
Quantitative Measurement (Alcohol/Volatiles Only) ¹	Flexible Scope	Blood, Serum, Urine, Vitreous	Gas Chromatography

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

