



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
FBI Quality Assurance Standards for DNA Databasing Laboratories:2020**

Oklahoma State Bureau of Investigation
(see locations listed below)

FORENSIC TESTING

ISO/IEC 17025 Accreditation Granted: 16 February 2010

Certificate Number: FT-0063

Certificate Expiry Date: 31 January 2027

Forensic Science Center
800 East Second Street
Edmond, Oklahoma 73034 USA

| Discipline: Biology | | |
|--|--|--|
| Component/Parameter | Item | Key Equipment/Technology |
| DNA Profile Determination | Short Tandem Repeat (STR) Y-Short Tandem Repeat (Y-STR) | Capillary Electrophoresis |
| DNA Profile Determination (Database Sample) | 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 Fluorescence Spectroscopy General Microscopy Immunoassay |

| Discipline: Fire Debris and Explosives | | |
|---|-------------|---|
| Component/Parameter | Item | Key Equipment/Technology |
| Qualitative Determination | Fire Debris | Gas Chromatography Mass Spectrometry |

This Scope of Accreditation, version 012, was last updated on: 13 December 2024 and is valid only when accompanied by the Certificate.

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| Discipline: Firearms and Toolmarks | | |
|---|---|--|
| Component/Parameter | Item | Key Equipment/Technology |
| Distance Determination | Firearm Physical Item | Chemical General Microscopy Measuring Equipment |
| Function Evaluation | Firearm Tool | Measuring Equipment Visual |
| Individual Characteristic Database | Ammunition | National Integrated Ballistic Information Network (NIBIN) |
| Physical Comparison | Ammunition Tool/Toolmark | General Microscopy |
| Qualitative Determination | Ammunition Firearm Metal Nitrate/Nitrite | Chemical General Microscopy Reference Collection |
| Serial Number Restoration | Physical Item | Chemical Visual |

| Discipline: Friction Ridge | | |
|------------------------------------|--------------|--|
| Component/Parameter | Item | Key Equipment/Technology |
| Enhancement | Ridge Detail | Chemical Physical Software Program |
| Individual Characteristic Database | Ridge Detail | Next Generation Identification System (NGI) |
| Physical Comparison | Ridge Detail | Software Program Visual |

| Discipline: Impressions | | |
|--------------------------------|-------------|--|
| Component/Parameter | Item | Key Equipment/Technology |
| Enhancement | Footwear | Chemical Physical Software Program |
| Physical Comparison | Footwear | Software Program Visual |

| Discipline: Materials (Trace) | | |
|--------------------------------------|---|--|
| Component/Parameter | Item | Key Equipment/Technology |
| Chemical/Physical Comparison | Coating Fiber/Textile Fractured Item General Unknown Tape | Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry Microspectrophotometry Scanning Electron Microscopy |

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| | | |
|---------------------------|--|--|
| Qualitative Determination | Coating Fiber/Textile General Unknown Gunshot Residue Hair Tape | Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry Microspectrophotometry Reference Collection Scanning Electron Microscopy Visual |
|---------------------------|--|--|

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

| Discipline: Toxicology | | |
|---------------------------------------|---------------------------------------|---|
| Component/Parameter | Item | Key Equipment/Technology |
| Qualitative Determination | Ante-Mortem Biological Item | Gas Chromatography Immunoassay Liquid Chromatography Mass Spectrometry |
| Qualitative Determination (Volatiles) | Ante-Mortem Biological Item Liquid | Gas Chromatography Mass Spectrometry |
| Quantitative Measurement | Ante-Mortem Biological Item | Gas Chromatography Liquid Chromatography Mass Spectrometry |
| Quantitative Measurement (Volatiles) | Ante-Mortem Biological Item Liquid | Gas Chromatography |

Northeast Regional Laboratory
1995 Airport Parkway
Tahlequah, Oklahoma 74464 USA

| Discipline: Biology | | |
|---------------------------|--|---------------------------|
| Component/Parameter | Item | Key Equipment/Technology |
| DNA Profile Determination | Short Tandem Repeat (STR) Y-Short Tandem Repeat (Y-STR) | Capillary Electrophoresis |
| Physical Comparison | DNA Profile | Software Program |

| | | |
|---------------------------|-------------------------------|--|
| Qualitative Determination | Body Fluid Epithelial Cell | Chemical Fluorescence Spectroscopy General Microscopy Immunoassay |
|---------------------------|-------------------------------|--|

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|------------------------------|-------------|---------------------------------|
| Discipline: Materials | | |
| Component/Parameter | Item | Key Equipment/Technology |
| Qualitative Determination | Hair | General Microscopy Visual |

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

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