

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

### Wyoming Division of Criminal Investigation Wyoming State Crime Laboratory

208 South College Drive Cheyenne, Wyoming 82002 USA

#### FORENSIC TESTING

Expiry Date: 30 June 2024 Certificate Number: FT-0295

Discipline: Biology		
Component/Parameter	Item	Key Equipment/Technology
DNA Profile Determination	Short Tandem Repeat (STR) Y-Short Tandem Repeat (Y-STR)	Capillary Electrophoresis
Individual Characteristic Database	DNA Profile	National DNA Index System (NDIS)
Physical Comparison	DNA Profile	Software Program
Qualitative Determination	Body Fluid	Chemical General Microscopy

Discipline: Firearms and Toolmarks		
Component/Parameter	Item	Key Equipment/Technology
Distance Determination	Firearm Physical Item	Chemical General Microscopy Measuring Equipment
Function Evaluation	Firearm	Measuring Equipment Visual
Individual Characteristic Database	Ammunition	Wyoming State Crime Laboratory Database

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Physical Comparison	Ammunition Toolmark	General Microscopy Software Program Visual
Product (Make/Model)  Determination	Ammunition Firearm	General Microscopy Measuring Equipment Reference Collection
Serial Number Restoration	Physical Item	Chemical General Microscopy Magnetic Visual

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

Discipline: Seized Drugs		
Component/Parameter	Item	Key Equipment/Technology
Qualitative Determination	Botanical Liquid Solid	Chemical Gas Chromatography Energy Dispersive Spectroscopy Infrared Spectroscopy Mass Spectrometry Scanning Electron Microscopy Visual
Quantitative Measurement	Solid	Gas Chromatography

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

Version 002 Issued: 27 August 2020





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Quantitative Measurement	Piological Itam	Cos Chromotography
(Volatiles)	Biological Item	Gas Chromatography

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

