



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Colorado Bureau of Investigation Forensic Services

6000 West 54th Avenue, Arvada, Colorado 80002 USA
2797 Justice Drive, Grand Junction, Colorado 81506 USA
2329 115th Avenue, Greeley, Colorado 80634 USA
79 North Silicon Drive, Pueblo West, Colorado 81007 USA

Fulfills the requirements of

ISO/IEC 17025:2017

Accreditation Requirements for Forensic Testing and Calibration (2023)

FBI Quality Assurance Standards for Forensic DNA Testing Laboratories:2020

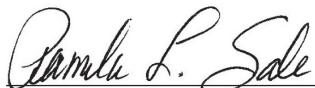
FBI Quality Assurance Standards for DNA Databasing Laboratories:2020

In the field of

Forensic Testing

This certificate is valid only when accompanied by a current scope of accreditation document.

The current scope of accreditation can be verified at www.anab.org.


Pamela L. Sale, Vice President, Forensics

Expiry Date: 31 August 2027
Certificate Number: FT-0147





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**

Colorado Bureau of Investigation Forensic Services

See locations listed below

FORENSIC TESTING

Expiry Date: 31 August 2027

Certificate Number: FT-0147

Denver Forensic Science Laboratory

6000 West 54th Avenue
Arvada, Colorado 80002 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 Samples)	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 Epithelial Cell Feces	Chemical Fluorescence Spectroscopy General Microscopy Immunoassay

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

Discipline: Firearms and Toolmarks		
Component/Parameter	Item	Key Equipment/Technology
Distance Determination	Firearm Physical Item	Chemical General Microscopy Measuring Equipment
Function Evaluation	Air Gun Firearm	Dead Weight Measuring Equipment Visual
Individual Characteristic Database	Ammunition	National Integrated Ballistic Information Network (NIBIN)
Physical Comparison	Ammunition Fractured Item Tool/Toolmark	General Microscopy Visual
Qualitative Determination	Ammunition Firearm Metal Nitrate Tool	Chemical General Microscopy 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 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 Tire	Chemical Physical Software Program
Physical Comparison	Footwear Tire	General Microscopy Software Program Visual
Qualitative Determination	Footwear Tire	Reference Collection

Discipline: Materials (Trace)		
Component/Parameter	Item	Key Equipment/Technology
Chemical/Physical Comparison	Adhesive Botanical Coating Fiber/Textile Fractured Item General Unknown Metal Polymer Tape	Energy Dispersive Spectroscopy Fluorescence Spectroscopy Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectroscopy Measuring Equipment Microspectrophotometry Scanning Electron Microscopy Visual Ultraviolet Spectroscopy X-ray Powder Diffraction Spectroscopy
Qualitative Determination	Adhesive Botanical Coating Fiber/Textile General Unknown Gunshot Residue Metal Polymer Tape Timber	Energy Dispersive Spectroscopy Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectroscopy Reference Collection Scanning Electron Microscopy Visual X-ray Powder Diffraction Spectroscopy

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

Grand Junction Forensic Science Laboratory
2797 Justice Drive
Grand Junction, Colorado 81506 USA

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

Discipline: Firearms and Toolmarks		
Component/Parameter	Item	Key Equipment/Technology
Distance Determination	Firearm Physical Item	Chemical General Microscopy Measuring Equipment
Function Evaluation	Air Gun Firearm	Dead Weight Measuring Equipment Visual
Individual Characteristic Database	Ammunition	National Integrated Ballistic Information Network (NIBIN)
Physical Comparison	Ammunition Fractured Item Tool/Toolmark	General Microscopy Visual
Qualitative Determination	Ammunition Firearm Metal Nitrate Tool	Chemical General Microscopy 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 Software Program

Individual Characteristic Database	Ridge Detail	Next Generation Identification System (NGI)
Physical Comparison	Ridge Detail	Software Program Visual

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

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

Northern Colorado Regional Forensic Laboratory
2329 115th Avenue
Greeley, Colorado 80634 USA

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

Qualitative Determination	Body Fluid Epithelial Cell Feces	Chemical Fluorescence Spectroscopy General Microscopy Immunoassay
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Discipline: Digital and Video/Imaging Technology and Analysis		
Component/Parameter	Item	Key Equipment/Technology
Field Sampling	Physical Item	Not Applicable
Acquisition/Extraction	Digital Data	Software Program
Content Analysis	Digital Data	Software Program Visual

Discipline: Firearms and Toolmarks		
Component/Parameter	Item	Key Equipment/Technology
Distance Determination	Firearm Physical Item	Chemical General Microscopy Measuring Equipment
Function Evaluation	Air Gun Firearm	Dead Weight Measuring Equipment Visual
Individual Characteristic Database	Ammunition	National Integrated Ballistic Information Network (NIBIN)
Physical Comparison	Ammunition Fractured Item Tool/Toolmark	General Microscopy Visual
Qualitative Determination	Ammunition Firearm Metal Nitrate Tool	Chemical General Microscopy 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 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 Tire	Chemical Physical Software Program
Physical Comparison	Footwear Tire	General Microscopy Software Program Visual
Qualitative Determination	Footwear Tire	Reference Collection

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

Pueblo Forensic Science Laboratory
79 North Silicon Drive
Pueblo West, Colorado 81007 USA

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

Discipline: Firearms and Toolmarks		
Component/Parameter	Item	Key Equipment/Technology
Individual Characteristic Database	Ammunition	National Integrated Ballistic Information Network (NIBIN)

Discipline: Friction Ridge		
Component/Parameter	Item	Key Equipment or 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: Seized Drugs		
Component/Parameter	Item	Key Equipment/Technology
Qualitative Determination	Botanical Liquid Solid	Chemical Gas Chromatography General Microscopy Infrared Spectroscopy Mass Spectrometry Visual
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 Spectroscopy
Qualitative Determination (Volatiles)	Ante-Mortem Biological Item	Gas Chromatography
Quantitative Measurement	Ante-Mortem Biological Item	Gas Chromatography Liquid Chromatography Mass Spectroscopy
Quantitative Determination (Volatiles)	Ante-Mortem 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.



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