



**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**

**South Dakota Forensic Laboratory**

1302 East Highway 14, Suite 6  
Pierre, South Dakota 57501 USA

**FORENSIC TESTING**

Expiry Date: 31 December 2028

Certificate Number: FT-0204

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

<b>Discipline: Firearms and Toolmarks</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Field Sampling	Physical Item	Not Applicable
Distance Determination	Firearm Physical Item	Chemical General Microscopy
Function Evaluation	Air Gun Firearm Tool	Chronograph Dead Weight Measuring Equipment Visual

Physical Comparison	Ammunition Fractured Item Tool/Toolmark	General Microscopy Software Program Visual
Qualitative Determination	Ammunition Firearm Metal Nitrate/Nitrite Tool	Chemical General Microscopy Reference Collection
Reconstruction	Firearm Inspection/Test Result Other Information	Software
Serial Number Restoration	Physical Item	Chemical General Microscopy Magnetic Visual
Trajectory Determination	Inspection/Test Result Physical Item	Imaging Equipment

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

<b>Discipline: Materials (Trace)</b>		
<b>Component/Parameter</b>	<b>Item</b>	<b>Key Equipment/Technology</b>
Qualitative Determination	Hair	General Microscopy

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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