



# 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**

**New York State Police Crime Laboratory**  
(See locations listed below)

### FORENSIC TESTING

Valid to: June 30, 2022

Certificate Number: FT-0025

**Forensic Investigation Center**  
1220 Washington Avenue  
Albany, New York 12226

<b>Discipline: Biology</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
DNA-STR <sup>1</sup>	Flexible Scope	Blood, Saliva, Hair, Bone, Fingernails, Teeth, Semen, Epithelial Cells, Tissue	EZ1 Advanced XL, JANUS Forensic Automated Workstation, Applied Biosystems 7500, Real-Time PCR System, GeneAmp PCR System, 9700 Thermal Cycler, 3500XL Genetic Analyzer, GeneMapper ID-X, CODIS PopStats, DNA Mixture Macro, BSD 600 Puncher, Perkin Elmer Wallac DBS Puncher, Qiagen Biosprint DNA Extraction and Purification, Perkin Elmer Multiprobe II, 4 Tip Liquid Handling Robot, Biotek Synergy2 Plate Readers, 3130XL Genetic Analyzer



DNA-YSTR <sup>1</sup>	Flexible Scope	Blood, Saliva, Hair, Bone, Fingernails, Teeth, Semen, Epithelial Cells, Tissue	EZ1 Advanced XL, JANUS Forensic Automated Workstation, Applied Biosystems 7500, Real-Time PCR System, GeneAmp PCR System, 9700 Thermal Cycler, 3500XL Genetic Analyzer, GeneMapper ID-X, US Y-STR Database, BSD 600 Puncher, 3130XL Genetic Analyzer, Perkin Elmer Wallac DBS Puncher, Qiagen Biosprint DNA Extraction and Purification, Perkin Elmer Multiprobe II, 4Tip Liquid Handling Robot, Biotek Synergy2 Plate Readers
Body Fluid Identification	Serology Technical Document Sections S2, S3, S4 and S6	Blood, Hair, Semen, Urine, Fecal Matter	ALS (Foster & Freeman Crime-Lite) Microscope, Polarizing Microscope, Mideo Caseworks
Individual Characteristic Database	NYSP CODIS Procedures, NYSP SDIS Procedures, NYSP LDIS Procedures	DNA Profiles	Combined DNA Index System (CODIS)
Relationship Testing <sup>1</sup>	Flexible Scope	Blood, Saliva, Hair, Bone, Fingernails, Teeth, Semen, Epithelial Cells, Tissue	EZ1 Advanced XL, JANUS Forensic Automated Workstation, Applied Biosystems 7500, Real-Time PCR System, GeneAmp PCR System, 9700 Thermal Cycler, 3500XL Genetic Analyzer, GeneMapper ID-X, CODIS PopStats

<b>Discipline: Firearms and Toolmarks</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Physical Comparison	Firearms Technical Test Method – Firearms Examination	Firearm, Firearm Components	Comparison Microscope, Caliper, Balance, Digital Camera
Determination of Functionality	Firearms Technical Test Method – Firearms Examination	Firearm	Water Tank, Firing Range, Firearms Reference Collection



Length Measurement	Firearms Technical Test Method – Firearms Examination	Firearm	Certified Ruler
Serial Number Restoration	Firearms Technical Test Method – Firearms Examination	Physical Evidence	Chemicals, Dremel
Distance Determination	Firearms Technical Test Method – Firearms Examination	Firearm, Firearm Components	Firing Range, Fabric, Chemicals, Stereo Microscope
Qualitative Determination	Firearms Technical Test Method – Firearms Examination	Physical Evidence	Stereo Microscope, Chemicals
Product (Make/Model Determination)	Firearms Technical Test Method – Firearms Examination	Firearm Components	General Rifling Characteristics (GRC) Database, Calipers, Balance, Ammunition Reference Collection
Individual Characteristics Database	Firearms Technical Test Method – Firearms Examination	Firearm Components	National Integrated Ballistic Information Network (NIBIN)

<b>Discipline: Fire Debris and Explosives</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Determination	Trace Evidence Technical Test Methods	Ignitable Liquids, Fire Debris	Gas Chromatography, Mass Spectrometry

<b>Discipline: Friction Ridge</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Enhancement	Latent Prints Technical Test Methods	Latent, Patent, Plastic	Digital Photography, Photoshop, Foray
Physical Comparison	Latent Prints Technical Test Methods	Developed Latent, Patent, or Plastic to a Known, Known to Known, Unknown to Unknown	Optical Magnification, Computer Workstation
Individual Characteristic Database	Latent Prints Technical Test Methods	Developed Latent, Patent, Plastic or a Known	Statewide Automated Biometric Identification System (SABIS)/ Next Generation (Next Generation Identification)



<b>Discipline: Materials (Trace)</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Chemical Determination <sup>1</sup>	Flexible Scope	General Unknowns	Infrared Spectroscopy, Gas Chromatography, Mass Spectroscopy
Physical Comparison	Trace Evidence Technical Test Methods	Physical Evidence	Stereo Microscope, Digital Cameras

<b>Discipline: Seized Drugs</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Identification <sup>1</sup>	Flexible Scope	Solid, Liquid, Botanical	Microscopes, Macroscopic, Thin Layer, Gas & Liquid Chromatography, Mass Spectrometry, Infrared Spectroscopy
Quantitative Measurement <sup>1</sup>	Flexible Scope	Solid, Liquid, Botanical	Gas & Liquid Chromatography, Mass Spectrometry
Weight Measurement	Drug Chemistry Technical Test Methods Sections 2, 11 and 18.8	Solid, Liquid, Botanical	Balance

<b>Discipline: Toxicology</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Determination <sup>1</sup>	Flexible Scope	Blood, Urine	Immunoassay, Gas and Liquid Chromatography, Mass Spectrometry
Quantitative Measurement	Tox Instr 1.01 Tox Instr 2.01.01a	Blood, Urine, Serum/Plasma	Gas Chromatography



**Mid-Hudson Satellite Crime Laboratory**  
 224 Breunig Road  
 New Windsor, New York 12553

<b>Discipline: Seized Drugs</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Identification <sup>1</sup>	Flexible Scope	Solid, Liquid, Botanical	Microscopes, Macroscopic, Thin Layer, Gas & Liquid Chromatography, Mass Spectrometry, Infrared Spectroscopy
Quantitative Measurement <sup>1</sup>	Flexible Scope	Solid, Liquid, Botanical	Gas Chromatography
Weight Measurement	Drug Chemistry Technical Test Methods Sections 2, 11 and 18.8	Solid, Liquid, Botanical	Balances

**Southern Tier Satellite Crime Laboratory**  
 44 Park Street  
 Port Crane, New York 13833


<b>Discipline: Seized Drugs</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Identification <sup>1</sup>	Flexible Scope	Solid, Liquid, Botanical	Microscopes, Macroscopic, Thin Layer, Gas & Liquid Chromatography, Mass Spectrometry, Infrared Spectroscopy
Quantitative Measurement <sup>1</sup>	Flexible Scope	Solid, Liquid, Botanical	Gas Chromatography
Weight Measurement	Drug Chemistry Technical Test Methods Sections 2, 11 and 18.8	Solid, Liquid, Botanical	Balances



**Western Satellite Crime Laboratory**  
722 Homer Street  
Olean, New York 14760

<b>Discipline: Seized Drugs</b>			
<b>Component/Parameter or Characteristic Tested</b>	<b>Test Method</b>	<b>Items Tested</b>	<b>Key Equipment or Technology</b>
Qualitative Identification <sup>1</sup>	Flexible Scope	Solid, Liquid, Botanical	Microscopes, Macroscopic, Thin Layer, Gas & Liquid Chromatography, Mass Spectrometry, Infrared Spectroscopy
Quantitative Measurement <sup>1</sup>	Flexible Scope	Solid, Liquid, Botanical	Gas Chromatography
Weight Measurement	Drug Chemistry Technical Test Methods Sections 2, 11 and 18.8	Solid, Liquid, Botanical	Balances

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.

  
Pamela L. Sale  
Vice President, Forensics

