



ANSI-ASQ National Accreditation Board

SCOPE OF ACCREDITATION TO: ISO/IEC 17025:2005

ANAB 17025:2005 Forensic Science Testing Laboratories Accreditation Requirements:2017
FBI Quality Assurance Standards for Forensic Testing Laboratories:2011
FBI Quality Assurance Standards for DNA Databasing Laboratories:2011

Nebraska State Patrol Crime Laboratory

3977 Air Park Road
Lincoln, Nebraska 68524

FORENSIC TESTING

Valid to: September 30, 2022

Certificate Number: FT-0042

Discipline: Biology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Collection	SER SOP 1, SER SOP 2, SER AP 1, FA SOP 18	Physical Evidence	Refer to Method
Body Fluid Identification	SER AP 2 – AP6	Blood, Saliva, Semen, Urine	Refer to Method
DNA-STR	Flexible Scope ¹	Blood, Saliva, Hair, Semen, Epithelial Cells	Robotic System, Data Interpretation System
Individual Characteristic Database	BIO SOP 2, 4, 5, 13 DB AP 1, 9 – AP14	DNA Profiles	Combined DNA Index System (CODIS)

Discipline: Firearms and Toolmarks			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Collection	FA AP1, FA SOP5, FA SOP10, Tool AP1	Physical Evidence	Refer to Method
Physical Comparison	FA AP1, FA SOP4, Tool AP1	Firearm, Firearm Components, Toolmark, Toolmark Components	Comparison Microscope
Determination of Functionality	FA AP3	Firearm	Refer to Method
Length Measurement	FA AP6; FA SOP17	Firearm	Refer to Method
Serial Number Restoration	FA AP4	Physical Evidence	Refer to Method



Qualitative Chemical Determination	FA AP2	Physical Evidence	Color test
Product (Make/Model) Determination	FA SOP4; FA SOP8	Firearm/Ammunition Components	General Rifling Characteristics (GRC) Database

Discipline: Fire Debris and Explosives

Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination	Flexible Scope ¹	Ignitable Liquids, Fire Debris	Gas Chromatography, Mass Spectrometry

Discipline: Footwear/Tire

Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Collection	Shoe SOP3	Footwear/Tire Impression	Electrostatic, Adhesive, Photography
Enhancement	Shoe SOP2	Footwear/Tire Impression	Visual, Photography, Physical, Chemical
Physical Comparison	Shoe AP4	Footwear/Tire Impression	Refer to Method
Product (Make/Model) Determination	Shoe AP4	Footwear/Tire Impression	Reference Material Search, Peer Resources

Discipline: Friction Ridge

Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Collection	LP AP1, LP AP7	Physical Evidence	Photography, Adhesive
Enhancement	LP AP1, LP AP6, LP AP7, LP AP9	Patent, Latent or Plastic	Visual, Photography, Chemical, Physical
Physical Comparison	LP AP2, LP AP4, LP AP5	Patent, Latent or Plastic to a Known, Unknown to Unknown, Known to Known	Refer to Method
Individual Characteristic Database	LP AP8, LP AP10	Patent, Latent, Plastic or a Known	Nebraska Automated Fingerprint Identification System (AFIS), Next Generation Identification (NGI)



Discipline: Seized Drugs			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination	Flexible Scope ¹	Solid, Liquid, Botanical	Macroscopic Exam, Microscopic Exam, Color Spot Test, Gas Chromatography, Mass Spectrometry, Infrared Spectroscopy
Quantitative Measurement	Flexible Scope ¹	Solid	Gas Chromatography
Weight Measurement	DR SOP2, DR SOP 6, DR SOP16	Solid, Botanical	Balance

Discipline: Toxicology			
Component/Parameter or Characteristic Tested	Test Method	Items Tested	Key Equipment or Technology
Qualitative Determination	Flexible Scope ¹	Urine	Immunoassay, Gas Chromatography, Mass Spectrometry
Quantitative Measurement	Flexible Scope ¹	Urine	Gas Chromatography, Mass Spectrometry

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.



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