

United States Army Criminal Investigation Laboratory
FQSI-USACIL-010
Scope of Accreditation

Drug Chemistry

Identification of Controlled Substances and/or related substances
Botanical and Chemical Identification of Marijuana

DNA

Biological Screening – Blood, Saliva, Semen
Nuclear DNA

DNA Databasing

DNA Database

Trace Evidence

Fire Debris
Glass
Glass Fracture
Coatings and Polymers
Pressure Sensitive Tape
Textile Materials
Damage to Textile Materials
Explosives
Smokeless Powder
Gun Shot Residue
Soils
Lubricants
Ethanol
Physical Fit
Chemical and/or Physical Characterization of Miscellaneous Material

Firearms and Toolmarks

Firearms
Bullets and Cartridges
Serial Number Restoration
Toolmarks
Distance Determination
Physical Security Devices
Database

Forensic Document

Handwriting comparisons
Other questioned documents

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Latent Prints

- Fingerprints
- Palmprints
- Friction ridge skin analysis
- Footwear impression
- Tire impression
- Database

Digital Evidence

- Photography
- Computer forensics
- Forensic audio
- Image analysis
- Video analysis
- Three dimensional crime scene mapping

Analytical Techniques

- General laboratory procedures
- Chemical color tests
- Microcrystalline tests
- Chromatography
- Mass Spectrometry
- Ultraviolet Spectroscopy
- Visible Spectroscopy
- Infrared Spectroscopy
- Raman Spectroscopy
- Optical microscopy
- Immunoassay
- Manual DNA Extraction
- Robotic DNA Extraction
- DNA PCR (Autosomal STR)
- DNA PCR (Y-STR)
- Capillary electrophoresis
- Chemiluminescence
- Electron Microscopy
- Physical Measurements
- Visual Inspections

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