



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EDGEWOOD CHEMICAL AND BIOLOGICAL FORENSIC ANALYTICAL CENTER

RDCB-DRC-F Quality

E5100

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Aberdeen Proving Ground MD 21010-5424

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CHEMICAL

Valid To: October 31, 2020

Certificate Number: 0756.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform research and development testing and non-routine chemical testing related to Chemical Warfare Convention (CWC) and other compounds of military interest, including explosives, in unknown samples including samples of biomedical origin (for example, blood, urine, etc):

Test¹

Spectroscopy

Fourier Transform Infrared (FTIR) (Qualitative)^{2,3}

X-Ray Diffraction (XRD) (Qualitative)

Nuclear Magnetic Resonance (NMR)

Mass Spectrometry

MALDI-Time of Flight (TOF, TOF-TOF)

ICP-MS

Microscopy

SEM/EDS (Morphology, Measurement, and Qualitative)

Chromatography

Gas Chromatography (GC)

GC-TCD (Qualitative)

GC-FPD (Qualitative)

GC-AED (Qualitative)

GC-FTIR (Qualitative)

GC-MS-Quadrupole (QMS)^{2,3}

GC-MS/MS (Triple Quad) (Qualitative)

Liquid Chromatography (LC)

LC-MS

LC-MS/MS (Qualitative)

Test¹

Capillary Electrophoresis (CE)

CE-Diode Array Detector (DAD)

CE-MS

Ion Chromatography (IC)

IC-Conductivity Detector (CD)

IC-MS

IC-MS/MS (Triple Quad) (Qualitative)

Sample Collection (Water, Wipes, and Vapor)

¹This scope meets the A2LA P112 Flexible Scope Policy.

²These methods may be used for qualitative analysis during on-site testing (deployment testing).

³This laboratory meets A2LA R104 – *General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these tests.



Accredited Laboratory

A2LA has accredited

EDGEWOOD CHEMICAL AND BIOLOGICAL FORENSIC ANALYTICAL CENTER

Aberdeen Proving Ground, MD

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 25th day of October 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 0756.01
Valid to October 31, 2020

For the types of tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.