



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

U.S. ARMY ECBC DETECTION BRANCH¹
5183 Blackhawk Road
Aberdeen Proving Grounds, MD 21010-5424
Ashley Denny Phone: 410 436 3718

CHEMICAL

Valid To: July 31, 2021

Certificate Number: 2231.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform routine and non-routine chemical testing related to Chemical Warfare Agents (CWA), Toxic Industrial Chemicals (TIC) and other compounds to support evaluation of client detection systems. Typical client detection systems evaluated using the results of the Laboratory Analytical Capabilities include the following:

- Military Life Cycle, Commercial Off the Shelf (COTS), and Prototype Equipment
- First Article Testing (FAT), Third Party Product Verification and Acceptance Testing, and Developmental (DT), Operational (OT), and Surveillance Testing
- Vapor, Liquid, Aerosol, and Solids Testing using CWAs, TICs, and Novel Threat Compounds
- Chemical Detector Equipment Evaluations on Lab-based, Portable and/or Kit Detection Systems
- Surface Contamination Testing using CWAs, TICs, and Novel Threat Compounds
- Testing using Environmental Chambers for Control of Operational Conditions to include Temperature and Humidity

<u>Laboratory Analytical Capabilities</u>
Gas Chromatography (GC) with FPD, FID, NPD, XSD, MSD Detectors
High Performance Liquid Chromatography (HPLC) with Triple Quadruple MS/MS Detector
Capillary Electrophoresis (CE)

¹This accreditation covers routine and non-routine chemical testing performed at the main laboratory, as well as the satellite laboratory listed below:

SATELLITE LABORATORY
U.S. ARMY CCDC CBC DETECTION BRANCH
Bldg E3844 57th Street
Aberdeen Proving Grounds, MD 21010-5424
Ashley Denny Phone: 410 436 3718

- Military Life Cycle, Commercial Off the Shelf (COTS), and Prototype Equipment
- First Article Testing (FAT), Third Party Product Verification and Acceptance Testing, and Developmental (DT), Operational (OT), and Surveillance Testing
- Vapor, Liquid, Aerosol, and Solids Testing using CWAs, TICs, and Novel Threat Compounds
- Chemical Detector Equipment Evaluations on Lab-based, Portable and/or Kit Detection Systems
- Surface Contamination Testing using CWAs, TICs, and Novel Threat Compounds
- Testing using Environmental Chambers for Control of Operational Conditions to include Temperature and Humidity

<u>Laboratory Analytical Capabilities</u>
Gas Chromatography (GC) with FPD and MSD Detectors
High Performance Liquid Chromatography (HPLC) with Triple Quadruple MS/MS Detector





Accredited Laboratory

A2LA has accredited

U.S. ARMY ECBC DETECTION BRANCH

Aberdeen Proving Grounds, 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 23rd day of July 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2231.01
Valid to July 31, 2021

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