



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

NATIONAL GUARD BUREAU
5th WMD – CST (ILLINOIS)
3101 S. Airport Rd.
Bartonville, IL 61607-1775
CPT Christopher Bivens Phone: (217) 416-0760

CHEMICAL

Valid To: March 31, 2025

Certificate Number: 3201.07

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with the requirements of the A2LA Threat Agent Testing Laboratory Program), accreditation is granted to this laboratory to perform the following Qualitative Tests for the Characterization of Unknown Samples and Identification of Chemical Warfare Agents (CWAs), CWA-related chemicals, Toxic Industrial Chemicals (TICs), Toxic Industrial Materials (TIMs), Biological Pathogens, and Select Toxins. Potential sample matrices include Liquid, Soil/Sludge/Sand/Solid, Vegetation, Swab/Wipe/Gauze/Cloth, Powder, and DFU (dry filter unit).

<u>Test</u>	<u>ALS 1A1 Analysis SOP</u>
Gas Chromatography/Mass Spectrometry (GC/MS)*	5.2 / 5.3
Fourier Transform Infrared (FTIR)	5.4
Electrochemiluminescence (PR2)	5.7
Polymerase Chain Reaction (PCR)	5.8

**The formal validation of this method included qualitative proof of the capability to determine compounds of interest. Select preparation techniques in actual use are based on methods published in the literature and vary from the initial validation methods.*

Note: All of the administrative elements are housed and implemented by the Analytical Laboratory System (ALS) Quality Manager located at NGB J39 Combating WMD Division, 111 S. George Mason Drive, Suite 4T, Arlington VA 22204. The ALS Quality Manager can be reached by phone at (703) 607-1810.



Accredited Laboratory

A2LA has accredited

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Bartonville, IL

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 laboratory also meets the requirements of A2LA R245 – *Specific Requirements – National Guard Weapons of Mass Destruction Testing Laboratory Accreditation Program*, including all requirements of A2LA R231 – *Specific Requirements – Threat Agent Testing Laboratory Accreditation Program*. 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 20th day of March 2023.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3201.07
Valid to March 31, 2025

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