



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

U.S. DEPARTMENT OF ENERGY
RADIOLOGICAL AND ENVIRONMENTAL SCIENCES LABORATORY
2251 N. Boulevard
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Idaho Falls, ID 83415
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CHEMICAL

Valid To: September 30, 2024

Certificate Number: 2377.01

In recognition of the successful completion of the A2LA evaluation process that includes the management system requirements of ISO/IEC 17025:2017 accreditation, is granted to this laboratory to perform the following tests on samples in various matrices including: soils, water, air filters, vegetation, and other organic matrices, phantoms, and synthetic or natural urine and fecal material, to support the programs conducted at RESL.

This accreditation also includes the characterization of radiation fields for the purpose of irradiating personnel dosimeters.

Test Description	Test Method
<u>Alpha Spectrometry</u> Alpha Emitting Radionuclides	CHEM-TP-A.1 CHEM-TP-A.2 CHEM-TP-A.4 CHEM-TP-A.5 CHEM-TP-2P.1 CHEM-TP-AS.1 CHEM-TP-RA.1
<u>Gamma Spectrometry</u> Gamma Emitting Radionuclides	CHEM-TP-GRS-1
<u>Liquid Scintillation Spectrometry</u> Beta Emitting Radionuclides	CHEM-TP-H3.1 CHEM-TP-NI.1 CHEM-TP-TC.1 CHEM-TP-SR.10 RB-CA-C14.1 RB-CA-IODINE.1 CHEM-TP-FE.2
<u>Gross Alpha and Gross Beta Counting</u>	CHEM-TP-GA/B.1
<u>Trace Metals</u>	ICPOES-TP-1 ICPMS-TP-1 CHEM-TP-A.3

Test Description	Test Method
<u>Mercury</u>	MERCURY-TP-3
<u>Radioisotopic and X-Ray</u> Beta Gamma and X-ray Photons X-ray Characterization Neutron	DO-TP-IR.6 DO-TP-CA.04 DO-TP-CA.05 DO-TP-CA.10 DO.TP-CA.14





Accredited Laboratory

A2LA has accredited

U.S. DEPARTMENT OF ENERGY RADIOLOGICAL AND ENVIRONMENTAL SCIENCES LABORATORY

Idaho Falls, ID

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 28th day of April 2023.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2377.01
Valid to September 30, 2024
Revised June 19, 2024

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