



SCOPE OF ACCREDITATION TO ISO/IEC 17043:2010

U.S. DEPARTMENT OF ENERGY
RADIOLOGICAL AND ENVIRONMENTAL SCIENCES LABORATORY
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PROFICIENCY TESTING PROVIDER

Valid To: September 30, 2024

Certificate Number: 2377.02

In recognition of the successful completion of the A2LA evaluation process, this Proficiency Testing Provider has been found to meet the ISO/IEC 17043:2010, “Conformity assessment - General Requirements for Proficiency Testing”. Accreditation is granted to this organization to provide proficiency testing samples in the following analyte/matrix combinations:

Mixed Analyte Performance Evaluation Program (MAPEP):		
<u>Analyte/Matrix</u>	<u>Samples/Artifacts</u>	<u>Assigned Value Determination</u>
Soil	Trace Metals; Alpha, Beta, Gamma Emitters	<u>Radionuclides:</u> Known Value <u>Trace Metals:</u> Known Value
Water	Trace Metals; Alpha, Beta, Gamma Emitters; Gross Alpha/Beta	<u>Radionuclides:</u> Known Value <u>Trace Metals:</u> Known Value
Vegetation	Alpha, Beta, Gamma Emitters	Known Value
Air Filter	Alpha, Beta, Gamma Emitters; Gross Alpha/Beta	Known Value
Food Stuffs	Alpha, Beta, Gamma Emitters	Known Value

Department of Energy Laboratory Accreditation (DOELAP):		
<u>Analyte/Matrix</u>	<u>Samples/Artifacts</u>	<u>Assigned Value Determination</u>
Thermal Luminescent Dosimeter (TLD)	Beta, Gamma, X-ray, Neutron	Known Value
Optically Stimulated Luminescent (OSL) Dosimeter	Beta, Gamma, X-ray, Neutron	Known Value
CR-39 Allyl Diglycol Carbonate (ADC)	Beta, Gamma, X-ray, Neutron	Known Value
Synthetic Urine and Fecal	Alpha, Beta, Gamma Emitters	Known Value
Whole Body Phantoms	Gamma Emitters	Known Value
Lung Phantoms	Alpha, Gamma, X-ray Emitters	Known Value / Reference Value
Thyroid Phantoms	Gamma, X-ray Emitters	Reference Value

NRC Radiological Measurement Assurance Program (RMAP):		
<u>Analyte/Matrix</u>	<u>Samples/Artifacts</u>	<u>Assigned Value Determination</u>
Soil	Alpha, Beta, Gamma Emitters	Known Value
Water	Alpha, Beta, Gamma Emitters	Known Value
Vegetation	Alpha, Beta, Gamma Emitters	Known Value
Air Filter	Alpha, Beta, Gamma Emitters	Known Value



Air Force Radiological Measurement Assurance Program (ARMAP):		
<u>Analyte/Matrix</u>	<u>Samples/Artifacts</u>	<u>Assigned Value Determination</u>
Synthetic/Natural Urine and Fecal	Alpha, Beta, Gamma Emitters	Known Value
Nasal Swab	Alpha, Beta, Gamma Emitters	Known Value
Air Filter	Alpha, Beta, Gamma Emitters	Known Value
Thermal Luminescent Dosimeter (TLD)	Beta, Gamma, X-ray, Neutron	Known Value
Optically Stimulated Luminescent (OSL) Dosimeter	Beta, Gamma, X-ray, Neutron	Known Value

Site Specific Performance Evaluation Program (SSPEP):		
<u>Analyte/Matrix</u>	<u>Samples/Artifacts</u>	<u>Assigned Value Determination</u>
Soil	Alpha, Beta, Gamma Emitters	Known Value
Water	Alpha, Beta, Gamma Emitters	Known Value
Vegetation	Alpha, Beta, Gamma Emitters	Known Value
Air Filter	Alpha, Beta, Gamma Emitters	Known Value
Synthetic/Natural Urine and Fecal	Alpha, Beta, Gamma Emitters	Known Value
Nasal Swab	Alpha, Beta, Gamma Emitters	Known Value
Food Stuffs	Alpha, Beta, Gamma Emitters	Known Value



Accredited Proficiency Testing Provider

A2LA has accredited

U.S. DEPARTMENT OF ENERGY RADIOLOGICAL AND ENVIRONMENTAL SCIENCES LABORATORY *Idaho Falls, ID*

This accreditation covers the specific proficiency testing schemes listed on the agreed upon Scope of Accreditation.

This provider is accredited in accordance with the recognized International Standard ISO/IEC 17043: 2010 *Conformity assessment - General requirements for proficiency testing*. This accreditation demonstrates technical competence for a defined scope and the operation of a quality management system.



Presented this 21st day of January 2021.

A blue ink signature of a person, likely the Vice President of Accreditation Services, written over a horizontal line.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2377.02
Valid to September 30, 2024
Revised June 19, 2024

For the proficiency testing schemes to which this accreditation applies, please refer to the provider's Scope of Accreditation.