

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF LABORATORIES

LABORATORY ACCREDITATION PROGRAM

Certifies That

68-03116

ALS Environmental - Fort Collins

225 Commerce Drive, Fort Collins, CO, 80524

Having duly met the requirement of

The act of June 29, 2002 (P.L. 596, No. 90)

dealing with Environmental Laboratories Accreditation

(27 Pa. C.S. 4104-4113) and the

National Environmental Laboratory Accreditation Program Standard

is hereby approved as an

Accredited Laboratory

to conduct analysis within the fields of accreditations more fully described in the attached Scope of Accreditation

NELAP accreditation granted by the PA DEP to an environmental laboratory is conditioned upon continued compliance with the current edition of the NELAC Standard or TNI Standard and the following Subchapters and Sections of 25 Pa. Code Chapter 252: Subchapter A (relating to general provisions); Subchapter B (relating to application, fees and supporting documents); Subchapter E (relating to proficiency test study requirements); Subchapter F (relating to assessment requirements); Subchapter G (relating to miscellaneous provisions); Section 252.307; and Section 252.401.

Expiration Date: **01/31/2022**

Certificate Number: **013**



Annamarie Beach

Annamarie Beach, Chief
Laboratory Accreditation Program
Bureau of Laboratories

Continued accreditation status depends on successful ongoing participation in the program
Certificate not transferable Surrender upon revocation
To be conspicuously displayed at the Laboratory
Not valid unless accompanied by a valid Scope of Accreditation
Shall not be used to imply endorsement by the Commonwealth of Pennsylvania
Customers are urged to verify the laboratory's current accreditation status
PA DEP is a NELAP recognized accreditation body

Attached to Certificate of Accreditation 013-001 expiration date 01/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

ALS Environmental - Fort Collins
225 Commerce Drive
Fort Collins, CO 80524
(970) 490-1511

DEP Laboratory ID: 68-03116
EPA Lab Code: CO00078
TNI Code: TNI00264
PADWIS ID: 03116

Matrix: Drinking Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
ASTM D3972-90		Uranium (mass)	NELAP	UT	01/11/2018
DOE Sr-02		Strontium-89, 90	NELAP	UT	01/11/2018
DOE U-02		Uranium (mass)	NELAP	UT	01/11/2018
EPA 900.0		Gross alpha	NELAP	UT	01/11/2018
EPA 900.0		Gross beta	NELAP	UT	01/11/2018
EPA 901.1		Cobalt-60	NELAP	UT	01/11/2018
EPA 901.1		Gamma emitters	NELAP	UT	01/11/2018
EPA 901.1		Radioactive cesium	NELAP	UT	01/11/2018
EPA 903.0		Radium-226	NELAP	UT	01/11/2018
EPA 903.0		Total alpha radium	NELAP	UT	01/11/2018
EPA 903.1		Radium-226	NELAP	UT	01/11/2018
EPA 904.0		Radium-228	NELAP	UT	01/11/2018
EPA 906.0		Tritium	NELAP	UT	01/11/2018
SM 7500-3H B		Tritium	NELAP	UT	01/11/2018

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
ASTM D3972-90		Thorium-228	NELAP	UT	01/11/2018
ASTM D3972-90		Thorium-230	NELAP	UT	01/11/2018
ASTM D3972-90		Thorium-232	NELAP	UT	01/11/2018
DOE U-02		Uranium (mass)	NELAP	UT	08/26/2019
EPA 053917 p. 33 EMSL-LV		Thorium-228	NELAP	UT	01/11/2018
EPA 053917 p. 33 EMSL-LV		Thorium-230	NELAP	UT	01/11/2018
EPA 053917 p. 33 EMSL-LV		Thorium-232	NELAP	UT	01/11/2018
EPA 1311		Toxicity characteristic leaching procedure (TCLP)	NELAP	UT	01/11/2018
EPA 1664	A	Oil and grease	NELAP	UT	01/11/2018
EPA 245.1	3.0	Mercury	NELAP	UT	01/11/2018
EPA 3005	A	Preconcentration under acid	NELAP	UT	01/11/2018
EPA 3010	A	Hot plate acid digestion (HNO ₃ + HCl)	NELAP	UT	01/11/2018
EPA 6010	D	Metals by ICP/AES	NELAP	UT	01/08/2019
EPA 6010	D	Aluminum	NELAP	UT	01/11/2018
EPA 6010	D	Antimony	NELAP	UT	01/11/2018
EPA 6010	D	Arsenic	NELAP	UT	01/11/2018
EPA 6010	D	Barium	NELAP	UT	01/11/2018
EPA 6010	D	Beryllium	NELAP	UT	01/11/2018
EPA 6010	D	Boron	NELAP	UT	01/11/2018
EPA 6010	D	Cadmium	NELAP	UT	01/11/2018
EPA 6010	D	Calcium	NELAP	UT	01/11/2018

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Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 6010	D	Chromium	NELAP	UT	01/11/2018
EPA 6010	D	Cobalt	NELAP	UT	01/11/2018
EPA 6010	D	Copper	NELAP	UT	01/11/2018
EPA 6010	D	Iron	NELAP	UT	01/11/2018
EPA 6010	D	Lead	NELAP	UT	01/11/2018
EPA 6010	D	Lithium	NELAP	UT	01/11/2018
EPA 6010	D	Magnesium	NELAP	UT	01/11/2018
EPA 6010	D	Manganese	NELAP	UT	01/11/2018
EPA 6010	D	Molybdenum	NELAP	UT	01/11/2018
EPA 6010	D	Nickel	NELAP	UT	01/11/2018
EPA 6010	D	Potassium	NELAP	UT	01/11/2018
EPA 6010	D	Selenium	NELAP	UT	01/11/2018
EPA 6010	D	Silicon	NELAP	UT	01/11/2018
EPA 6010	D	Silver	NELAP	UT	01/11/2018
EPA 6010	D	Sodium	NELAP	UT	01/11/2018
EPA 6010	D	Strontium	NELAP	UT	01/11/2018
EPA 6010	D	Thallium	NELAP	UT	01/11/2018
EPA 6010	D	Tin	NELAP	UT	01/11/2018
EPA 6010	D	Titanium	NELAP	UT	01/11/2018
EPA 6010	D	Vanadium	NELAP	UT	01/11/2018
EPA 6010	D	Zinc	NELAP	UT	01/11/2018
EPA 6020	B	Metals by ICP/MS	NELAP	UT	01/08/2019
EPA 6020	B	Aluminum	NELAP	UT	01/11/2018
EPA 6020	B	Antimony	NELAP	UT	01/11/2018
EPA 6020	B	Arsenic	NELAP	UT	01/11/2018
EPA 6020	B	Cadmium	NELAP	UT	01/11/2018
EPA 6020	B	Calcium	NELAP	UT	01/11/2018
EPA 6020	B	Copper	NELAP	UT	01/11/2018
EPA 6020	B	Iron	NELAP	UT	01/11/2018
EPA 6020	B	Lead	NELAP	UT	01/11/2018
EPA 6020	B	Magnesium	NELAP	UT	01/11/2018
EPA 6020	B	Molybdenum	NELAP	UT	01/11/2018
EPA 6020	B	Nickel	NELAP	UT	01/11/2018
EPA 6020	B	Potassium	NELAP	UT	01/11/2018
EPA 6020	B	Selenium	NELAP	UT	01/11/2018
EPA 6020	B	Silver	NELAP	UT	01/11/2018
EPA 6020	B	Strontium	NELAP	UT	01/11/2018
EPA 6020	B	Thallium	NELAP	UT	01/11/2018
EPA 6020	B	Thorium	NELAP	UT	01/11/2018
EPA 6020	B	Uranium (mass)	NELAP	UT	01/11/2018
EPA 6020	B	Vanadium	NELAP	UT	01/11/2018
EPA 7470	A	Mercury	NELAP	UT	01/11/2018

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Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 900.0		Gross alpha	NELAP	UT	01/11/2018
EPA 900.0		Gross beta	NELAP	UT	01/11/2018
EPA 901.1		Cesium-134	NELAP	UT	01/11/2018
EPA 901.1		Cesium-137	NELAP	UT	01/11/2018
EPA 901.1		Cobalt-60	NELAP	UT	01/11/2018
EPA 901.1		Gamma emitters	NELAP	UT	01/08/2019
EPA 9010	C	Total cyanide	NELAP	UT	01/11/2018
EPA 9014		Total cyanide	NELAP	UT	01/11/2018
EPA 903.1		Radium-226	NELAP	UT	01/11/2018
EPA 9034		Sulfide	NELAP	UT	01/11/2018
EPA 904.0		Radium-228	NELAP	UT	01/11/2018
EPA 9056	A	Anions by IC	NELAP	UT	01/11/2018
EPA 9056	A	Bromide	NELAP	UT	01/11/2018
EPA 9056	A	Chloride	NELAP	UT	01/11/2018
EPA 9056	A	Fluoride	NELAP	UT	01/11/2018
EPA 9056	A	Nitrate as N	NELAP	UT	01/11/2018
EPA 9056	A	Nitrite as N	NELAP	UT	01/11/2018
EPA 9056	A	Orthophosphate as P	NELAP	UT	01/11/2018
EPA 9056	A	Sulfate	NELAP	UT	01/11/2018
EPA 906.0		Tritium	NELAP	UT	01/11/2018
EPA 9060	A	Total organic carbon (TOC)	NELAP	UT	01/11/2018
EPA 9310		Gross alpha	NELAP	UT	01/11/2018
EPA 9310		Gross beta	NELAP	UT	01/11/2018
EPA 9315		Total alpha radium	NELAP	UT	01/11/2018
EPA 9320		Radium-228	NELAP	UT	01/11/2018
SM 7500-Ra C		Radium-226	NELAP	UT	01/11/2018

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
ASTM D3972-90		Thorium-228	NELAP	UT	01/11/2018
ASTM D3972-90		Thorium-230	NELAP	UT	01/11/2018
ASTM D3972-90		Thorium-232	NELAP	UT	01/11/2018
DOE U-02		Uranium (mass)	NELAP	UT	08/26/2019
EPA 053917 p. 33 EMSL-LV		Thorium-228	NELAP	UT	01/11/2018
EPA 053917 p. 33 EMSL-LV		Thorium-230	NELAP	UT	01/11/2018
EPA 053917 p. 33 EMSL-LV		Thorium-232	NELAP	UT	01/11/2018
EPA 1311		Toxicity characteristic leaching procedure (TCLP)	NELAP	UT	01/11/2018
EPA 3050	B	Acid digestion of solids	NELAP	UT	01/11/2018

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Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 6010	D	Metals by ICP/AES	NELAP	UT	01/08/2019
EPA 6010	D	Aluminum	NELAP	UT	01/11/2018
EPA 6010	D	Antimony	NELAP	UT	01/11/2018
EPA 6010	D	Arsenic	NELAP	UT	01/11/2018
EPA 6010	D	Barium	NELAP	UT	01/11/2018
EPA 6010	D	Beryllium	NELAP	UT	01/11/2018
EPA 6010	D	Boron	NELAP	UT	01/11/2018
EPA 6010	D	Cadmium	NELAP	UT	01/11/2018
EPA 6010	D	Calcium	NELAP	UT	01/11/2018
EPA 6010	D	Chromium	NELAP	UT	01/11/2018
EPA 6010	D	Cobalt	NELAP	UT	01/11/2018
EPA 6010	D	Copper	NELAP	UT	01/11/2018
EPA 6010	D	Iron	NELAP	UT	01/11/2018
EPA 6010	D	Lead	NELAP	UT	01/11/2018
EPA 6010	D	Lithium	NELAP	UT	01/11/2018
EPA 6010	D	Magnesium	NELAP	UT	01/11/2018
EPA 6010	D	Manganese	NELAP	UT	01/11/2018
EPA 6010	D	Molybdenum	NELAP	UT	01/11/2018
EPA 6010	D	Nickel	NELAP	UT	01/11/2018
EPA 6010	D	Potassium	NELAP	UT	01/11/2018
EPA 6010	D	Selenium	NELAP	UT	01/11/2018
EPA 6010	D	Silica, as SiO ₂	NELAP	UT	01/11/2018
EPA 6010	D	Silicon	NELAP	UT	01/11/2018
EPA 6010	D	Silver	NELAP	UT	01/11/2018
EPA 6010	D	Sodium	NELAP	UT	01/11/2018
EPA 6010	D	Strontium	NELAP	UT	01/11/2018
EPA 6010	D	Thallium	NELAP	UT	01/11/2018
EPA 6010	D	Tin	NELAP	UT	01/11/2018
EPA 6010	D	Titanium	NELAP	UT	01/11/2018
EPA 6010	D	Vanadium	NELAP	UT	01/11/2018
EPA 6010	D	Zinc	NELAP	UT	01/11/2018
EPA 6020	B	Metals by ICP/MS	NELAP	UT	01/08/2019
EPA 6020	B	Aluminum	NELAP	UT	01/11/2018
EPA 6020	B	Antimony	NELAP	UT	01/11/2018
EPA 6020	B	Arsenic	NELAP	UT	01/11/2018
EPA 6020	B	Cadmium	NELAP	UT	01/11/2018
EPA 6020	B	Copper	NELAP	UT	01/11/2018
EPA 6020	B	Lead	NELAP	UT	01/11/2018
EPA 6020	B	Nickel	NELAP	UT	01/11/2018
EPA 6020	B	Silver	NELAP	UT	01/11/2018
EPA 6020	B	Thallium	NELAP	UT	01/11/2018
EPA 6020	B	Thorium	NELAP	UT	01/11/2018

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Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 6020	B	Uranium (mass)	NELAP	UT	01/11/2018
EPA 6020	B	Vanadium	NELAP	UT	01/11/2018
EPA 7.3.3.2		Reactive cyanide	NELAP	UT	01/11/2018
EPA 7.3.4.2		Reactive sulfide	NELAP	UT	01/11/2018
EPA 7196	A	Chromium VI	NELAP	UT	01/11/2018
EPA 7471	B	Mercury	NELAP	UT	01/08/2019
EPA 901.1		Cesium-134	NELAP	UT	01/11/2018
EPA 901.1		Cesium-137	NELAP	UT	01/11/2018
EPA 901.1		Cobalt-60	NELAP	UT	01/11/2018
EPA 901.1		Gamma emitters	NELAP	UT	07/28/2020
EPA 9010	C	Total cyanide	NELAP	UT	01/11/2018
EPA 9014		Total cyanide	NELAP	UT	01/11/2018
EPA 9034		Sulfide	NELAP	UT	01/11/2018
EPA 9056	A	Anions by IC	NELAP	UT	01/11/2018
EPA 9056	A	Bromide	NELAP	UT	01/11/2018
EPA 9056	A	Chloride	NELAP	UT	01/11/2018
EPA 9056	A	Fluoride	NELAP	UT	01/11/2018
EPA 9056	A	Nitrate as N	NELAP	UT	01/11/2018
EPA 9056	A	Nitrite as N	NELAP	UT	01/11/2018
EPA 9056	A	Orthophosphate as P	NELAP	UT	01/11/2018
EPA 9056	A	Sulfate	NELAP	UT	01/11/2018
EPA 9071		Oil and grease	NELAP	UT	01/11/2018
EPA 9310		Gross alpha	NELAP	UT	01/11/2018
EPA 9310		Gross beta	NELAP	UT	01/11/2018
EPA 9315		Total alpha radium	NELAP	UT	01/11/2018
EPA 9320		Radium-228	NELAP	UT	01/11/2018
SM 7500-Ra C		Radium-226	NELAP	UT	01/11/2018

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