



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

ALS Environmental - Fort Collins

225 Commerce Drive

Fort Collins, CO 80524

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2926**

Expiration Date: **11/30/2021**

Effective Date: **12/1/2020**

A handwritten signature in blue ink, appearing to read "Christine Sotelo".

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing**



ALS Environmental - Fort Collins

225 Commerce Drive
Fort Collins, CO 80524
Phone: 9704901511

**Certificate No. 2926
Expiration Date 11/30/2021**

Primary Accreditation
Body

Field of Testing: 108 - Inorganic Constituents in Non-Potable Water

108.001	001	Specific Conductance	EPA 120.1 (1982 Rev. 1.0)	UT
108.005	001	Hydrogen Ion (pH)	EPA 150.2 (1982)	UT
108.013	001	Calcium	EPA 200.7 (1994 Rev. 4.4)	UT
108.013	002	Magnesium	EPA 200.7 (1994 Rev. 4.4)	UT
108.013	004	Potassium	EPA 200.7 (1994 Rev. 4.4)	UT
108.013	005	Silica, Dissolved	EPA 200.7 (1994 Rev. 4.4)	UT
108.013	006	Sodium	EPA 200.7 (1994 Rev. 4.4)	UT
108.015	001	Calcium	EPA 200.8 (1994 Rev. 5.4)	UT
108.015	002	Magnesium	EPA 200.8 (1994 Rev. 5.4)	UT
108.015	003	Potassium	EPA 200.8 (1994 Rev. 5.4)	UT
108.015	005	Sodium	EPA 200.8 (1994 Rev. 5.4)	UT
108.017	001	Bromide	EPA 300.0 (1993 Rev. 2.1)	UT
108.017	002	Chloride	EPA 300.0 (1993 Rev. 2.1)	UT
108.017	003	Fluoride	EPA 300.0 (1993 Rev. 2.1)	UT
108.017	004	Nitrate (as N)	EPA 300.0 (1993 Rev. 2.1)	UT
108.017	006	Nitrite (as N)	EPA 300.0 (1993 Rev. 2.1)	UT
108.017	007	Phosphate,Ortho (as P)	EPA 300.0 (1993 Rev. 2.1)	UT
108.017	008	Sulfate (as SO4)	EPA 300.0 (1993 Rev. 2.1)	UT
108.025	001	Ammonia (as N)	EPA 350.1 (1993 Rev. 2.0)	UT
108.033	001	Nitrate-Nitrite (as N)	EPA 353.2 (1993 Rev. 2.0)	UT
108.053	001	Oil & Grease Total	EPA 1664 A	UT
108.063	001	Alkalinity	SM 2320 B-2011	UT
108.069	001	Specific Conductance	SM 2510 B-2011	UT
108.073	001	Residue, Filterable TDS	SM 2540 C-2011	UT
108.075	001	Residue, Non-filterable TSS	SM 2540 D-2011	UT
108.125	001	Cyanide, Total	SM 4500-CN E-2011	UT
108.131	001	Fluoride	SM 4500-F C-2011	UT
108.137	001	Hydrogen Ion (pH)	SM 4500-H+ B-2011	UT
108.149	001	Ammonia (as N)	SM 4500-NH3 H-2011	UT
108.175	001	Phosphate,Ortho (as P)	SM 4500-P E-2011	UT
108.175	002	Phosphorus, Total	SM 4500-P E-2011	UT
108.203	001	Sulfide (as S)	SM 4500-S F-2011	UT
108.217	001	Organic Carbon-Total (TOC)	SM 5310 C-2011	UT

As of 12/1/2020 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

Field of Testing: 109 - Metals and Trace Elements in Non-Potable Water

109.623	001	Aluminum	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	002	Antimony	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	003	Arsenic	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	004	Barium	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	005	Beryllium	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	006	Boron	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	007	Cadmium	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	008	Chromium	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	009	Cobalt	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	010	Copper	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	011	Iron	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	012	Lead	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	013	Manganese	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	014	Molybdenum	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	015	Nickel	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	016	Selenium	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	017	Silver	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	018	Thallium	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	019	Tin	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	020	Titanium	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	021	Vanadium	EPA 200.7 (1994 Rev. 4.4)	UT
109.623	022	Zinc	EPA 200.7 (1994 Rev. 4.4)	UT
109.625	001	Aluminum	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	002	Antimony	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	003	Arsenic	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	004	Barium	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	005	Beryllium	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	007	Cadmium	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	008	Chromium	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	009	Cobalt	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	010	Copper	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	012	Iron	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	013	Lead	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	014	Manganese	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	015	Molybdenum	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	016	Nickel	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	017	Selenium	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	018	Silver	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	019	Thallium	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	022	Vanadium	EPA 200.8 (1994 Rev. 5.4)	UT
109.625	023	Zinc	EPA 200.8 (1994 Rev. 5.4)	UT

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109.635	001	Mercury	EPA 245.1 (1994 Rev. 3.0)	UT
109.685	002	Chromium VI (Hexavalent Chromium)	SM 3500-Cr B-2011	UT

Field of Testing: 112 - Radionuclides in Non-Potable Water

112.001	001	Gross Alpha	EPA 900.0	UT
112.001	002	Gross Beta	EPA 900.0	UT
112.003	001	Total Alpha Radium	EPA 903.0	UT
112.005	001	Radium-226	EPA 903.1	UT
112.011	001	Radium-226	SM 7500-Ra C	UT

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010	001	Antimony	EPA 6010 B	UT
114.010	002	Arsenic	EPA 6010 B	UT
114.010	003	Barium	EPA 6010 B	UT
114.010	004	Beryllium	EPA 6010 B	UT
114.010	005	Cadmium	EPA 6010 B	UT
114.010	006	Chromium	EPA 6010 B	UT
114.010	007	Cobalt	EPA 6010 B	UT
114.010	008	Copper	EPA 6010 B	UT
114.010	009	Lead	EPA 6010 B	UT
114.010	010	Molybdenum	EPA 6010 B	UT
114.010	011	Nickel	EPA 6010 B	UT
114.010	012	Selenium	EPA 6010 B	UT
114.010	013	Silver	EPA 6010 B	UT
114.010	014	Thallium	EPA 6010 B	UT
114.010	015	Vanadium	EPA 6010 B	UT
114.010	016	Zinc	EPA 6010 B	UT
114.020	001	Antimony	EPA 6020	UT
114.020	002	Arsenic	EPA 6020	UT
114.020	003	Barium	EPA 6020	UT
114.020	004	Beryllium	EPA 6020	UT
114.020	005	Cadmium	EPA 6020	UT
114.020	006	Chromium	EPA 6020	UT
114.020	007	Cobalt	EPA 6020	UT
114.020	008	Copper	EPA 6020	UT
114.020	009	Lead	EPA 6020	UT
114.020	010	Molybdenum	EPA 6020	UT
114.020	011	Nickel	EPA 6020	UT
114.020	012	Selenium	EPA 6020	UT
114.020	013	Silver	EPA 6020	UT
114.020	014	Thallium	EPA 6020	UT
114.020	015	Vanadium	EPA 6020	UT
114.020	016	Zinc	EPA 6020	UT
114.103	001	Chromium VI (Hexavalent Chromium)	EPA 7196 A	UT

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114.140	001	Mercury	EPA 7470 A	UT
114.141	001	Mercury	EPA 7471 A	UT
114.222	001	Cyanide, Total	EPA 9014	UT
114.240	001	Corrosivity - pH Determination	EPA 9040 B	UT
114.241	001	Corrosivity - pH Determination	EPA 9045 C	UT

Field of Testing: 115 - Extraction Test of Hazardous Waste

115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	UT
115.030	001	Waste Extraction Test (WET)	CCR Chapter 11, Article 5, Appendix II	UT
115.040	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	UT

Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste

116.020	031	Methanol	EPA 8015 B	UT
116.030	001	Gasoline Range Organics (GRO)	EPA 8015 B	UT
116.080	000	Volatile Organic Compounds	EPA 8260 B	UT
116.080	120	Oxygenates	EPA 8260 B	UT

Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste

117.010	001	Diesel Range Organics (DRO)	EPA 8015 B	UT
117.110	000	Extractable Organics	EPA 8270 C	UT
117.210	000	Organochlorine Pesticides	EPA 8081 A	UT
117.220	000	PCBs	EPA 8082	UT
117.250	000	Chlorinated Herbicides	EPA 8151 A	UT

Field of Testing: 118 - Radionuclides in Hazardous Waste

118.010	001	Gross Alpha	EPA 9310	UT
118.010	002	Gross Beta	EPA 9310	UT
118.020	001	Radium, Total	EPA 9315	UT
118.030	001	Radium-228	EPA 9320	UT
118.200	001	Gamma Emitters	DOE 4.5.2.3	UT
118.230	001	Plutonium	DOE Pu-02	UT
118.270	001	Strontium	DOE Sr-01	UT
118.271	001	Strontium	DOE Sr-02	UT
118.290	001	Uranium	DOE U-02	UT

Field of Testing: 120 - Physical Properties of Hazardous Waste

120.010	001	Ignitability	EPA 1010	UT
120.040	001	Reactive Cyanide	Section 7.3 SW-846	UT
120.050	001	Reactive Sulfide	Section 7.3 SW-846	UT
120.080	001	Corrosivity - pH Determination	EPA 9045 C	UT