



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 Group USA, Corp.- ALS Environmental

ALS Environmental

10450 Stancliff Road

Houston, TX 77099

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.: **2919**

Expiration Date: **4/30/2021**

Effective Date: **5/1/2020**

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 Group USA, Corp.- ALS Environmental

ALS Environmental
10450 Stancliff Road
Houston, TX 77099
Phone: 2815305656

Certificate No. 2919
Expiration Date 4/30/2021

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)	TX
108.007	001	Residue, Volatile	EPA 160.4 (1971)	TX
108.009	001	Turbidity	EPA 180.1 (1993 Rev. 2.0)	TX
108.015	001	Calcium	EPA 200.8 (1994 Rev. 5.4)	TX
108.015	002	Magnesium	EPA 200.8 (1994 Rev. 5.4)	TX
108.015	003	Potassium	EPA 200.8 (1994 Rev. 5.4)	TX
108.015	005	Sodium	EPA 200.8 (1994 Rev. 5.4)	TX
108.017	001	Bromide	EPA 300.0 (1993 Rev. 2.1)	TX
108.017	002	Chloride	EPA 300.0 (1993 Rev. 2.1)	TX
108.017	003	Fluoride	EPA 300.0 (1993 Rev. 2.1)	TX
108.017	004	Nitrate (as N)	EPA 300.0 (1993 Rev. 2.1)	TX
108.017	005	Nitrate-Nitrite (as N)	EPA 300.0 (1993 Rev. 2.1)	TX
108.017	006	Nitrite (as N)	EPA 300.0 (1993 Rev. 2.1)	TX
108.017	007	Phosphate,Ortho (as P)	EPA 300.0 (1993 Rev. 2.1)	TX
108.017	008	Sulfate (as SO4)	EPA 300.0 (1993 Rev. 2.1)	TX
108.023	001	Cyanide, Total	EPA 335.4 (1993 Rev. 1.0)	TX
108.037	001	Phosphate,Ortho (as P)	EPA 365.3 (1978)	TX
108.037	002	Phosphorus,Total	EPA 365.3 (1978)	TX
108.045	001	Chemical Oxygen Demand	EPA 410.4 (1993 Rev. 2.0)	TX
108.047	001	Phenols, Total	EPA 420.1 (1978 Rev. 1.0)	TX
108.049	001	Phenols, Total	EPA 420.4 (1993 Rev. 2.0)	TX
108.053	001	Oil & Grease Total	EPA 1664 A	TX
108.055	001	Color	SM 2120 B-2011	TX
108.061	001	Acidity	SM 2310 B-2011	TX
108.063	001	Alkalinity	SM 2320 B-2011	TX
108.065	001	Hardness (Calculation)	SM 2340 B-2011	TX
108.069	001	Specific Conductance	SM 2510 B-2011	TX
108.071	001	Residue, Total	SM 2540 B-2011	TX
108.073	001	Residue, Filterable TDS	SM 2540 C-2011	TX
108.075	001	Residue, Non-filterable TSS	SM 2540 D-2011	TX
108.109	001	Chlorine, Total Residual	SM 4500-CI F-2011	TX
108.125	001	Cyanide, Total	SM 4500-CN E-2011	TX
108.129	001	Cyanide, Available	SM 4500-CN G-2011	TX

108.137	001	Hydrogen Ion (pH)	SM 4500-H+ B-2011	TX
108.140	002	Kjeldahl Nitrogen, Total (as N)	SM 4500-NH3 D-2011	TX
108.145	001	Ammonia (as N)	SM 4500-NH3 F-2011	TX
108.173	001	Oxygen, Dissolved	SM 4500-O G-2011	TX
108.175	001	Phosphate, Ortho (as P)	SM 4500-P E-2011	TX
108.175	002	Phosphorus, Total	SM 4500-P E-2011	TX
108.189	001	Sulfite (as SO3)	SM 4500-SO3 B-2011	TX
108.203	001	Sulfide (as S)	SM 4500-S F-2011	TX
108.207	001	Biochemical Oxygen Demand	SM 5210 B-2011	TX
108.207	002	Carbonaceous BOD	SM 5210 B-2011	TX
108.215	001	Organic Carbon-Total (TOC)	SM 5310 B-2011	TX
108.225	001	Surfactants	SM 5540 C-2011	TX
108.325	001	Chemical Oxygen Demand	Hach 8000	TX

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

109.625	001	Aluminum	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	002	Antimony	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	003	Arsenic	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	004	Barium	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	005	Beryllium	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	006	Boron	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	007	Cadmium	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	008	Chromium	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	009	Cobalt	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	010	Copper	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	012	Iron	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	013	Lead	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	014	Manganese	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	015	Molybdenum	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	016	Nickel	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	017	Selenium	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	018	Silver	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	019	Thallium	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	020	Tin	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	021	Titanium	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	022	Vanadium	EPA 200.8 (1994 Rev. 5.4)	TX
109.625	023	Zinc	EPA 200.8 (1994 Rev. 5.4)	TX
109.635	001	Mercury	EPA 245.1 (1994 Rev. 3.0)	TX
109.685	002	Chromium (VI)	SM 3500-Cr B-2011	TX

Field of Testing: 111 - Semi-volatile Organic Constituents in Non-Potable Water

111.250	001	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 1613 B	TX
111.250	002	Total TCDD	EPA 1613 B	TX
111.250	003	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	EPA 1613 B	TX

111.250 004	Total TCDF	EPA 1613 B	TX
111.250 005	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	EPA 1613 B	TX
111.250 006	Total PeCDD	EPA 1613 B	TX
111.250 007	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 1613 B	TX
111.250 008	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 1613 B	TX
111.250 009	Total PeCDF	EPA 1613 B	TX
111.250 010	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 1613 B	TX
111.250 011	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 1613 B	TX
111.250 012	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 1613 B	TX
111.250 013	Total HxCDD	EPA 1613 B	TX
111.250 014	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 1613 B	TX
111.250 015	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 1613 B	TX
111.250 016	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	EPA 1613 B	TX
111.250 017	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 1613 B	TX
111.250 018	Total HxCDF	EPA 1613 B	TX
111.250 019	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	EPA 1613 B	TX
111.250 020	Total HpCDD	EPA 1613 B	TX
111.250 021	1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	EPA 1613 B	TX
111.250 022	1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	EPA 1613 B	TX
111.250 023	Total HpCDF	EPA 1613 B	TX
111.250 024	OCDD	EPA 1613 B	TX
111.250 025	OCDF	EPA 1613 B	TX

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.020 001	Antimony	EPA 6020	TX
114.020 002	Arsenic	EPA 6020	TX
114.020 003	Barium	EPA 6020	TX
114.020 004	Beryllium	EPA 6020	TX
114.020 005	Cadmium	EPA 6020	TX
114.020 006	Chromium	EPA 6020	TX
114.020 007	Cobalt	EPA 6020	TX
114.020 008	Copper	EPA 6020	TX
114.020 009	Lead	EPA 6020	TX
114.020 010	Molybdenum	EPA 6020	TX
114.020 011	Nickel	EPA 6020	TX
114.020 012	Selenium	EPA 6020	TX
114.020 013	Silver	EPA 6020	TX
114.020 014	Thallium	EPA 6020	TX
114.020 015	Vanadium	EPA 6020	TX
114.020 016	Zinc	EPA 6020	TX
114.222 001	Cyanide, Total	EPA 9014	TX

Field of Testing: 115 - Extraction Test of Hazardous Waste

115.020 001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311 (TCLP)	TX
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115.040	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312 (SPLP)		TX
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Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste

116.010	000	EDB and DBCP	EPA 8011	Aqueous Only	TX
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116.090	000	Acrylamide	EPA 8316		TX
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Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste

117.130	000	Dioxins and Dibenzofurans	EPA 8290		TX
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117.220	000	PCBs	EPA 8082		TX
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Field of Testing: 120 - Physical Properties of Hazardous Waste

120.010	001	Ignitability	EPA 1010		TX
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120.022	001	Ignitability	EPA 1030		TX
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