



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



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**Certificate No. 2940**  
**Expiration Date 10/31/2019**

**Field of Testing: 106 - Radiochemistry of Drinking Water**

106.010	001	Gross Alpha	EPA 900.0
106.010	002	Gross Beta	EPA 900.0
106.030	001	Radioactive Cesium	EPA 901.1
106.030	002	Radioactive Iodine	EPA 901.1
106.030	003	Gamma Emitters	EPA 901.1
106.040	001	Radioactive Iodine	EPA 902.0
106.050	001	Total Alpha Radium	EPA 903.0
106.050	002	Radium-226	EPA 903.0
106.051	001	Radium-226	EPA 903.1
106.060	001	Radium-228	EPA 904.0
106.070	001	Strontium-89, 90	EPA 905.0
106.070	002	Strontium-89	EPA 905.0
106.070	003	Strontium-90	EPA 905.0
106.080	001	Tritium	EPA 906.0
106.092	001	Uranium	EPA 200.8
106.120	001	Gross Alpha	EPA 00-02
106.230	001	Uranium	DOE U-02
106.250	002	Radioactive Iodine	DOE 4.5.2.3
106.250	003	Gamma Emitters	DOE 4.5.2.3
106.480	001	Uranium	ASTM D5174-97
106.610	001	Radon-222	SM 7500-Rn

**Field of Testing: 108 - Inorganic Chemistry of Wastewater**

108.020	001	Specific Conductance	EPA 120.1
108.090	001	Residue, Volatile	EPA 160.4
108.110	001	Turbidity	EPA 180.1
108.112	001	Boron	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	003	Hardness (Calculation)	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	006	Silica, Dissolved	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.113	001	Boron	EPA 200.8
108.113	002	Calcium	EPA 200.8
108.113	003	Magnesium	EPA 200.8
108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0

108.120	008	Sulfate (as SO <sub>4</sub> )	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	013	Nitrate-Nitrite (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0
108.120	015	Phosphate, Ortho (as P)	EPA 300.0
108.183	001	Cyanide, Total	EPA 335.4
108.209	001	Ammonia (as N)	EPA 350.1
108.211	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.232	003	Nitrate-Nitrite (as N)	EPA 353.2
108.266	001	Phosphorus, Total	EPA 365.4
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.362	001	Phenols, Total	EPA 420.4
108.381	001	Oil and Grease	
108.385	001	Color	SM 2120 B-2001
108.390	001	Turbidity	SM 2130 B-2001
108.400	001	Acidity	SM 2310 B-1997
108.410	001	Alkalinity	SM 2320 B-1997
108.420	001	Hardness (Calculation)	SM 2340 B-1997
108.421	001	Hardness	SM 2340 C-1997
108.430	001	Specific Conductance	SM 2510 B-1997
108.439	001	Residue, Volatile	SM 2540 E-1997
108.440	001	Residue, Total	SM 2540 B-1997
108.441	001	Residue, Filterable TDS	SM 2540 C-1997
108.442	001	Residue, Non-filterable TSS	SM 2540 D-1997
108.465	001	Chlorine, Total Residual	SM 4500-Cl G-2000
108.470	001	Cyanide, Total	SM 4500-CN B or C-1999
108.472	001	Cyanide, Total	SM 4500-CN E-1999
108.473	001	Cyanide, Amenable	SM 4500-CN G-1999
108.490	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000
108.513	001	Kjeldahl Nitrogen, Total (as N)	SM 4500-Norg D-1997
108.529	002	Nitrite (as N)	SM 4500-NO <sub>3</sub> F-2000
108.536	001	Oxygen, Dissolved	SM 4500-O G-2001
108.545	001	Phosphorus, Total	SM 4500-P H-1999
108.560	001	Sulfite (as SO <sub>3</sub> )	SM 4500-SO <sub>3</sub> B-2000
108.584	001	Sulfide (as S)	SM 4500-S D-2000
108.592	001	Biochemical Oxygen Demand	SM 5210B-2001
108.592	002	Carbonaceous BOD	SM 5210B-2001
108.595	001	Chemical Oxygen Demand	SM 5220D-1997
108.596	001	Organic Carbon-Total (TOC)	SM 5310B-2000
108.605	001	Surfactants	SM 5540 C-2000

**Field of Testing: 109 - Toxic Chemical Elements of Wastewater**

109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	006	Boron	EPA 200.7

109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	025	Titanium	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	021	Iron	EPA 200.8
109.020	022	Tin	EPA 200.8
109.020	023	Titanium	EPA 200.8
109.190	001	Mercury	EPA 245.1
109.191	001	Mercury	EPA 245.2
109.361	001	Mercury	EPA 1631 E
109.445	002	Chromium (VI)	SM 3500-Cr B-2009

**Field of Testing:** 110 - Volatile Organic Chemistry of Wastewater

110.040	000	Purgeable Organic Compounds	EPA 624
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**Field of Testing:** 111 - Semi-volatile Organic Chemistry of Wastewater

111.100	000	Base/Neutral & Acid Organics	EPA 625
111.170	000	Organochlorine Pesticides and PCBs	EPA 608

**Field of Testing: 112 - Radiochemistry of Wastewater**

112.010	001	Gross Alpha	EPA 900.0
112.010	002	Gross Beta	EPA 900.0
112.020	001	Total Alpha Radium	EPA 903.0
112.021	001	Radium-226	EPA 903.1
112.140	001	Cesium	EPA 901.1
112.140	002	Gamma	EPA 901.1
112.160	001	Radium-228	EPA 904.0
112.170	001	Strontium	EPA 905.0
112.180	001	Tritium	EPA 906.0
112.490	001	Cesium	DOE 4.5.2.3
112.490	002	Gamma Emitters	DOE 4.5.2.3
112.500	001	Strontium	DOE Sr-01
112.510	001	Strontium	DOE Sr-02
112.520	001	Uranium	DOE U-02

**Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste**

114.010	001	Antimony	EPA 6010 B
114.010	002	Arsenic	EPA 6010 B
114.010	003	Barium	EPA 6010 B
114.010	004	Beryllium	EPA 6010 B
114.010	005	Cadmium	EPA 6010 B
114.010	006	Chromium	EPA 6010 B
114.010	007	Cobalt	EPA 6010 B
114.010	008	Copper	EPA 6010 B
114.010	009	Lead	EPA 6010 B
114.010	010	Molybdenum	EPA 6010 B
114.010	011	Nickel	EPA 6010 B
114.010	012	Selenium	EPA 6010 B
114.010	013	Silver	EPA 6010 B
114.010	014	Thallium	EPA 6010 B
114.010	015	Vanadium	EPA 6010 B
114.010	016	Zinc	EPA 6010 B
114.020	001	Antimony	EPA 6020
114.020	002	Arsenic	EPA 6020
114.020	003	Barium	EPA 6020
114.020	004	Beryllium	EPA 6020
114.020	005	Cadmium	EPA 6020
114.020	006	Chromium	EPA 6020
114.020	007	Cobalt	EPA 6020
114.020	008	Copper	EPA 6020
114.020	009	Lead	EPA 6020
114.020	010	Molybdenum	EPA 6020
114.020	011	Nickel	EPA 6020
114.020	012	Selenium	EPA 6020
114.020	013	Silver	EPA 6020 Aqueous Only
114.020	014	Thallium	EPA 6020

114.020	015	Vanadium	EPA 6020
114.020	016	Zinc	EPA 6020
114.103	001	Chromium (VI)	EPA 7196 A
114.140	001	Mercury	EPA 7470 A
114.141	001	Mercury	EPA 7471 A
114.221	001	Cyanide, Total	EPA 9012 A
114.230	001	Sulfides, Total	EPA 9034
114.241	001	Corrosivity - pH Determination	EPA 9045 C
114.250	001	Fluoride	EPA 9056

**Field of Testing: 115 - Extraction Test of Hazardous Waste**

115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311 (TCLP)
115.021	001	TCLP Inorganics	EPA 1311 (TCLP)
115.022	001	TCLP Extractables	EPA 1311 (TCLP)
115.023	001	TCLP Volatiles	EPA 1311 (TCLP)
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
115.040	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312 (SPLP)

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

116.010	000	EDB and DBCP	EPA 8011	Aqueous Only
116.080	000	Volatile Organic Compounds	EPA 8260 B	
116.080	120	Oxygenates	EPA 8260 B	

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

117.110	000	Extractable Organics	EPA 8270 C
117.140	000	Polynuclear Aromatic Hydrocarbons	EPA 8310
117.170	000	Nitroaromatics and Nitramines	EPA 8330
117.171	000	Nitroaromatics and Nitramines	EPA 8330 A
117.210	000	Organochlorine Pesticides	EPA 8081 A
117.220	000	PCBs	EPA 8082
117.250	000	Chlorinated Herbicides	EPA 8151 A

**Field of Testing: 118 - Radiochemistry of Hazardous Waste**

118.010	001	Gross Alpha	EPA 9310
118.010	002	Gross Beta	EPA 9310
118.020	001	Radium, Total	EPA 9315
118.030	001	Radium-228	EPA 9320
118.140	001	Radium-226	EPA Ra-04
118.160	001	Strontium	EPA Sr-01
118.200	001	Gamma Emitters	DOE 4.5.2.3
118.271	001	Strontium	DOE Sr-02
118.290	001	Uranium	DOE U-02

**Field of Testing: 120 - Physical Properties of Hazardous Waste**

120.020	001	Ignitability	EPA 1020A	
120.030	001	Corrosivity	EPA 1110	
120.040	001	Reactive Cyanide	Section 7.3 SW-846	
120.050	001	Reactive Sulfide	Section 7.3 SW-846	
120.070	001	Corrosivity - pH Determination	EPA 9040 B	Aqueous Only
120.080	001	Corrosivity - pH Determination	EPA 9045 C	

