

**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Fields of Accreditation**

American Water Central Laboratory

101

1115 South Illinois Street Belleville, IL 62220

Phone: (618) 222-4055

Certificate No. 2737 RECIPROCITY

Expiration Date 09/30/2024

***As of 3/13/2024, this list supersedes all previous lists for this certificate number.**

Customers: Please verify the current accreditation standing with the State.

Field of Accreditation: 102 – Inorganic Chemistry of Drinking Water

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
102.020	001	Turbidity	EPA 180.1	IL
102.026	001	Calcium	EPA 200.7	IL
102.026	002	Magnesium	EPA 200.7	IL
102.026	003	Potassium	EPA 200.7	PA
102.026	004	Silica	EPA 200.7	IL
102.026	005	Sodium	EPA 200.7	IL
102.026	006	Hardness (Calculation)	EPA 200.7	IL
102.030	003	Chloride	EPA 300.0	IL
102.030	005	Fluoride	EPA 300.0	IL
102.030	006	Nitrate (as N)	EPA 300.0	IL
102.030	007	Nitrite (as N)	EPA 300.0	IL
102.030	008	Phosphate, Ortho (as P)	EPA 300.0	IL
102.030	009	Sulfate (as SO ₄)	EPA 300.0	IL
102.040	001	Bromide	EPA 300.1	IL
102.040	002	Chlorite	EPA 300.1	IL
102.040	004	Bromate	EPA 300.1	IL
102.045	001	Perchlorate	EPA 314.0	IL
102.050	001	Cyanide, Total	EPA 335.4	IL

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
102.100	001	Alkalinity	SM 2320 B-1997	IL
102.130	001	Specific Conductance	SM 2510 B-1997	IL
102.140	001	Residue, Filterable TDS	SM 2540 C-1997	IL
102.203	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000	IL
102.262	001	Organic Carbon-Total (TOC)	SM 5310 C-2000	IL
102.263	001	Dissolved Organic Carbon (DOC)	SM 5310 C-2000	IL
102.280	001	UV254	SM 5910 B-2011	IL

Field of Accreditation: 103 – Toxic Chemical Elements of Drinking Water

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
103.130	007	Chromium	EPA 200.7	IL
103.130	009	Iron	EPA 200.7	IL
103.140	001	Aluminum	EPA 200.8	IL
103.140	002	Antimony	EPA 200.8	IL
103.140	003	Arsenic	EPA 200.8	IL
103.140	004	Barium	EPA 200.8	IL
103.140	005	Beryllium	EPA 200.8	IL
103.140	006	Cadmium	EPA 200.8	IL
103.140	008	Copper	EPA 200.8	IL
103.140	009	Lead	EPA 200.8	IL
103.140	010	Manganese	EPA 200.8	IL
103.140	011	Mercury	EPA 200.8	IL
103.140	012	Nickel	EPA 200.8	IL
103.140	013	Selenium	EPA 200.8	IL
103.140	014	Silver	EPA 200.8	IL
103.140	015	Thallium	EPA 200.8	IL
103.140	016	Zinc	EPA 200.8	IL
103.140	017	Boron	EPA 200.8	PA
103.160	001	Mercury	EPA 245.1	IL
103.311	001	Chromium VI (Hexavalent Chromium)	EPA 218.7	IL

Field of Accreditation: 104 – Volatile Organic Chemistry of Drinking Water

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
104.030	001	1,2-Dibromoethane (EDB)	EPA 504.1	IL
104.030	002	1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	IL
104.200	001	1,1,1,2-Tetrachloroethane	EPA 524.2	IL
104.200	002	1,1,1-Trichloroethane	EPA 524.2	IL
104.200	003	1,1,2,2-Tetrachloroethane	EPA 524.2	IL
104.200	004	1,1,2-Trichloroethane	EPA 524.2	IL
104.200	005	1,1-Dichloroethane	EPA 524.2	IL
104.200	006	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 524.2	IL
104.200	007	1,2,3-Trichlorobenzene	EPA 524.2	IL
104.200	008	1,2,4-Trichlorobenzene	EPA 524.2	IL
104.200	009	1,2,4-Trimethylbenzene	EPA 524.2	IL
104.200	010	1,2-Dichlorobenzene	EPA 524.2	IL
104.200	011	1,2-Dichloroethane (Ethylene Dichloride)	EPA 524.2	IL
104.200	012	1,2-Dichloropropane	EPA 524.2	IL
104.200	013	1,3,5-Trimethylbenzene	EPA 524.2	IL
104.200	014	1,3-Dichlorobenzene	EPA 524.2	IL
104.200	015	1,4-Dichlorobenzene	EPA 524.2	IL
104.200	016	2-Chlorotoluene	EPA 524.2	IL
104.200	017	4-Chlorotoluene	EPA 524.2	IL
104.200	018	Benzene	EPA 524.2	IL
104.200	020	Carbon Tetrachloride	EPA 524.2	IL
104.200	021	Chlorobenzene	EPA 524.2	IL
104.200	022	cis-1,2-Dichloroethylene (cis 1,2 Dichloroethene)	EPA 524.2	IL
104.200	023	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 524.2	IL
104.200	024	Dichlorodifluoromethane	EPA 524.2	IL
104.200	025	Dichloromethane (Methylene Chloride)	EPA 524.2	PA
104.200	027	Ethyl tert-butyl Ether (ETBE)	EPA 524.2	PA
104.200	028	Ethylbenzene	EPA 524.2	IL
104.200	029	Isopropylbenzene	EPA 524.2	IL
104.200	031	Methyl tert-butyl Ether (MTBE)	EPA 524.2	IL
104.200	032	Naphthalene	EPA 524.2	IL
104.200	033	n-Butylbenzene	EPA 524.2	IL
104.200	034	N-propylbenzene	EPA 524.2	IL
104.200	035	sec-Butylbenzene	EPA 524.2	IL
104.200	036	Styrene	EPA 524.2	IL

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
104.200	038	tert-Amyl Methyl Ether (TAME)	EPA 524.2	PA
104.200	039	tert-Butylbenzene	EPA 524.2	IL
104.200	040	Tetrachloroethylene (Tetrachloroethene)	EPA 524.2	IL
104.200	041	Toluene	EPA 524.2	IL
104.200	042	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 524.2	IL
104.200	043	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 524.2	IL
104.200	044	Trichloroethylene (Trichloroethene)	EPA 524.2	IL
104.200	045	Trichlorofluoromethane	EPA 524.2	IL
104.200	046	Trichlorotrifluoroethane	EPA 524.2	NH
104.200	047	Vinyl Chloride	EPA 524.2	IL
104.200	102	m+p-Xylene	EPA 524.2	IL
104.200	103	o-Xylene	EPA 524.2	IL
104.200	201	Bromodichloromethane	EPA 524.2	IL
104.200	202	Bromoform	EPA 524.2	IL
104.200	203	Chloroform	EPA 524.2	IL
104.200	204	Dibromochloromethane (Chlorodibromomethane)	EPA 524.2	IL

Field of Accreditation: 105 – Semi-volatile Organic Chemistry of Drinking Water

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
105.010	004	Chlordane	EPA 505	IL
105.010	014	Toxaphene	EPA 505	IL
105.010	015	PCBs as Aroclors (screen)	EPA 505	IL
105.082	001	2,4-D	EPA 515.3	IL
105.082	002	Dinoseb	EPA 515.3	IL
105.082	003	Pentachlorophenol	EPA 515.3	IL
105.082	004	Picloram	EPA 515.3	IL
105.082	005	2,4,5-TP (Silvex)	EPA 515.3	IL
105.082	006	Bentazon	EPA 515.3	PA
105.082	007	Dalapon	EPA 515.3	IL
105.082	008	Dicamba	EPA 515.3	IL
105.085	001	1,4-Dioxane	EPA 522	IL
105.090	001	Alachlor	EPA 525.2	IL
105.090	002	Aldrin	EPA 525.2	IL
105.090	003	Atrazine	EPA 525.2	IL
105.090	004	Benzo(a)pyrene	EPA 525.2	IL
105.090	005	Butachlor	EPA 525.2	IL

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
105.090	007	Dieldrin	EPA 525.2	IL
105.090	008	Di(2-ethylhexyl) Adipate	EPA 525.2	IL
105.090	009	Di(2-ethylhexyl) Phthalate	EPA 525.2	IL
105.090	013	Endrin	EPA 525.2	IL
105.090	014	Heptachlor	EPA 525.2	IL
105.090	015	Heptachlor Epoxide	EPA 525.2	IL
105.090	016	Hexachlorobenzene	EPA 525.2	IL
105.090	017	Hexachlorocyclopentadiene	EPA 525.2	IL
105.090	018	Lindane (HCH-gamma)	EPA 525.2	IL
105.090	019	Methoxychlor	EPA 525.2	IL
105.090	022	Molinate	EPA 525.2	IL
105.090	025	Simazine	EPA 525.2	IL
105.090	028	Thiobencarb	EPA 525.2	PA
105.101	001	Carbofuran (Furadan)	EPA 531.2	IL
105.101	002	Oxamyl	EPA 531.2	IL
105.101	003	Aldicarb (Temik)	EPA 531.2	IL
105.101	004	Aldicarb Sulfone	EPA 531.2	IL
105.101	005	Aldicarb Sulfoxide	EPA 531.2	IL
105.101	006	Carbaryl (Sevin)	EPA 531.2	IL
105.101	007	3-Hydroxycarbofuran	EPA 531.2	IL
105.101	008	Methomyl (Lannate)	EPA 531.2	IL
105.103	001	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-P)	EPA 533	IL
105.103	002	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF)	EPA 533	IL
105.103	003	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 533	IL
105.103	004	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 533	IL
105.103	005	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 533	IL
105.103	006	Perfluorobutanoic Acid (PFBA)	EPA 533	IL
105.103	007	Perfluorobutane Sulfonic Acid (PFBS)	EPA 533	IL
105.103	008	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	EPA 533	IL
105.103	009	Perfluorodecanoic Acid (PFDA)	EPA 533	IL
105.103	010	Perfluorododecanoic Acid (PFDoA)	EPA 533	IL

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
105.103	011	Perfluoro(2-ethoxyethane) sulfonic acid (PFEEESA)	EPA 533	IL
105.103	012	Perfluoroheptane Sulfonic Acid (PFHpS)	EPA 533	IL
105.103	013	Perfluoroheptanoic Acid (PFHpA)	EPA 533	IL
105.103	014	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	EPA 533	IL
105.103	015	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 533	IL
105.103	016	Perfluorohexanoic Acid (PFHxA)	EPA 533	IL
105.103	017	Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 533	IL
105.103	018	Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 533	IL
105.103	019	Perfluorononanoic Acid (PFNA)	EPA 533	IL
105.103	020	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	EPA 533	IL
105.103	021	Perfluorooctane Sulfonic Acid (PFOS)	EPA 533	IL
105.103	022	Perfluorooctanoic Acid (PFOA)	EPA 533	IL
105.103	023	Perfluoropentanoic Acid (PFPeA)	EPA 533	IL
105.103	024	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 533	IL
105.103	025	Perfluoroundecanoic Acid (PFUnDA)	EPA 533	IL
105.106	000	Per- and Polyfluorinated Alkyl Substances (PFAS)	EPA 537.1	NJ
105.106	001	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-P)	EPA 537.1	IL
105.106	002	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF)	EPA 537.1	IL
105.106	003	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 537.1	IL
105.106	004	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 537.1	IL

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
105.106	005	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEtFOSAA)	EPA 537.1	IL
105.106	006	N-Methylperfluorooctane Sulfonamido Acetic Acid (NMeFOS)	EPA 537.1	IL
105.106	007	Perfluorobutane Sulfonic Acid (PFBS)	EPA 537.1	IL
105.106	008	Perfluorodecanoic Acid (PFDA)	EPA 537.1	IL
105.106	009	Perfluorododecanoic Acid (PFDoA)	EPA 537.1	IL
105.106	010	Perfluoroheptanoic Acid (PFHpA)	EPA 537.1	IL
105.106	011	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 537.1	IL
105.106	012	Perfluorohexanoic Acid (PFHxA)	EPA 537.1	IL
105.106	013	Perfluorononanoic Acid (PFNA)	EPA 537.1	IL
105.106	014	Perfluorooctanoic Acid (PFOA)	EPA 537.1	IL
105.106	015	Perfluorooctane Sulfonic Acid (PFOS)	EPA 537.1	IL
105.106	016	Perfluorotetradecanoic Acid (PFTeDA)	EPA 537.1	IL
105.106	017	Perfluorotridecanoic Acid (PFTrDA)	EPA 537.1	IL
105.106	018	Perfluoroundecanoic Acid (PFUnDA)	EPA 537.1	IL
105.120	001	Glyphosate	EPA 547	IL
105.140	001	Endothall	EPA 548.1	IL
105.150	001	Diquat	EPA 549.2	IL
105.201	003	Bromoacetic Acid	EPA 552.3	IL
105.201	004	Chloroacetic Acid	EPA 552.3	IL
105.201	005	Dibromoacetic Acid	EPA 552.3	IL
105.201	006	Dichloroacetic Acid	EPA 552.3	IL
105.201	007	Trichloroacetic Acid	EPA 552.3	IL