

THE STATE OF ALASKA

Department of Environmental Conservation
Laboratory Certification Program

Certificate for Chemical Analysis in Drinking Water

Underwriters Laboratories, Inc.

110 South Hill Street
South Bend, IN 46617

IN00035

has complied with the provisions set forth in 18 AAC 80 and is hereby recognized by The Department of Environmental Conservation as Fully Certified for the analytical parameter listed on the accompanying Scope of Accreditation. This certificate is effective 6/30/2011, and expires 6/30/2012.



Pauline McKinney

Pauline McKinney
State of Alaska Certification Authority

Lance W. Morris

Lance W. Morris
Laboratory Chemistry Certification Officer

THE STATE OF ALASKA
Department of Environmental Conservation
Laboratory Certification Program

Scope of Accreditation

Expiration: 06/30/2012

Underwriters Laboratories Inc.-South Bend-IN IN00035
110 South Hill Street
South Bend, IN 46617

is certified by the State of Alaska Department of Environmental Conservation, pursuant to 18 AAC 80, to perform analysis for the parameters listed below using the analytical methods indicated. Accreditation for all parameters is final unless indicated in a note. Accreditation is for the latest version of a method unless specified otherwise in a note. EPA refers to the U.S. Environmental Protection Agency. SM refers to American Public Health Association's publication, Standard Methods for the Examination of Water and Wastewater, 18th, 19th or 20th Edition unless otherwise noted. ASTM refers to the American Society for Testing and Materials.

Drinking Water Chemistry

Method/Test Name	Reference	Analyte	Matrix	Status
150.1	EPA	pH	Water	Approved
1613B	EPA	Dioxin (2,3,7,8-TCDD)	Water	Approved
180.1	EPA	Turbidity	Water	Approved
200.7	EPA	Aluminum	Water	Approved
200.7	EPA	Calcium	Water	Approved
200.7	EPA	Iron	Water	Approved
200.7	EPA	Magnesium	Water	Approved
200.7	EPA	Manganese	Water	Approved
200.7	EPA	Potassium	Water	Approved
200.7	EPA	Silver	Water	Approved
200.7	EPA	Sodium	Water	Approved
200.8	EPA	Aluminum	Water	Approved
200.8	EPA	Antimony	Water	Approved
200.8	EPA	Arsenic	Water	Approved
200.8	EPA	Barium	Water	Approved
200.8	EPA	Beryllium	Water	Approved
200.8	EPA	Cadmium	Water	Approved
200.8	EPA	Chromium	Water	Approved

Drinking Water Chemistry

Method/Test Name	Reference	Analyte	Matrix	Status
200.8	EPA	Copper	Water	Approved
200.8	EPA	Lead	Water	Approved
200.8	EPA	Manganese	Water	Approved
200.8	EPA	Nickel	Water	Approved
200.8	EPA	Selenium	Water	Approved
200.8	EPA	Silver	Water	Approved
200.8	EPA	Thallium	Water	Approved
200.8	EPA	Uranium	Water	Approved
200.8	EPA	Zinc	Water	Approved
2120B (20th Ed.)	SM	Color	Water	Approved
2320B (20th Ed.)	SM	Alkalinity	Water	Approved
2330B (20th Ed.)	SM	Corrosivity	Water	Approved
2340C (20th Ed.)	SM	Hardness	Water	Approved
245.1	EPA	Mercury	Water	Approved
2510B (20th Ed.)	SM	Conductivity	Water	Approved
2540C (20th Ed.)	SM	TDS	Water	Approved
300.0	EPA	Bromide	Water	Approved
300.0	EPA	Chlorate	Water	Approved
300.0	EPA	Chloride	Water	Approved
300.0	EPA	Chlorite	Water	Approved
300.0	EPA	Fluoride	Water	Approved
300.0	EPA	Nitrate-N	Water	Approved
300.0	EPA	Sulfate	Water	Approved
300.1	EPA	Bromate	Water	Approved
317	EPA	Bromate	Water	Approved
335.4	EPA	Cyanide	Water	Approved
353.2	EPA	Nitrate-N	Water	Approved
353.2	EPA	Nitrate-Nitrite as N	Water	Approved
353.2	EPA	Nitrite-N	Water	Approved
4500-F-C (20th Ed.)	SM	Fluoride	Water	Approved
4500-P-E (20th Ed.)	SM	Ortho-phosphate	Water	Approved

Drinking Water Chemistry

Method/Test Name	Reference	Analyte	Matrix	Status
504.1	EPA	1,2-Dibromo-3-chloropropane-DBCP	Water	Approved
504.1	EPA	1,2-Dibromoethane-EDB	Water	Approved
505	EPA	Chlordane	Water	Approved
505	EPA	PCB monitoring	Water	Approved
505	EPA	Toxaphene	Water	Approved
515.3	EPA	2,4,5-TP	Water	Approved
515.3	EPA	2,4-D	Water	Approved
515.3	EPA	Dalapon	Water	Approved
515.3	EPA	Dicamba	Water	Approved
515.3	EPA	Dinoseb	Water	Approved
515.3	EPA	Pentachlorophenol (PCP)	Water	Approved
515.3	EPA	Picloram	Water	Approved
524.2	EPA	1,1,1-Trichloroethane-R	Water	Approved
524.2	EPA	1,1,2-Trichloroethane-R	Water	Approved
524.2	EPA	1,1-Dichloroethylene-R	Water	Approved
524.2	EPA	1,2,4-Trichlorobenzene-R	Water	Approved
524.2	EPA	1,2-Dichlorobenzene-R	Water	Approved
524.2	EPA	1,2-Dichloroethane-R	Water	Approved
524.2	EPA	1,2-Dichloropropane-R	Water	Approved
524.2	EPA	1,4-Dichlorobenzene-R	Water	Approved
524.2	EPA	Benzene-R	Water	Approved
524.2	EPA	Bromodichloromethane-T	Water	Approved
524.2	EPA	Bromoform-T	Water	Approved
524.2	EPA	Carbon Tetrachloride-R	Water	Approved
524.2	EPA	Chlorobenzene-R	Water	Approved
524.2	EPA	Chloroform-T	Water	Approved
524.2	EPA	cis-1,2-Dichloroethylene-R	Water	Approved
524.2	EPA	Dibromochloromethane-T	Water	Approved
524.2	EPA	Dichloromethane (Methylene Chloride)-R	Water	Approved
524.2	EPA	Ethylbenzene-R	Water	Approved
524.2	EPA	Styrene-R	Water	Approved

Drinking Water Chemistry

Method/Test Name	Reference	Analyte	Matrix	Status
524.2	EPA	Tetrachloroethylene-R	Water	Approved
524.2	EPA	Toluene-R	Water	Approved
524.2	EPA	Total THM-T	Water	Approved
524.2	EPA	Total Xylenes-R	Water	Approved
524.2	EPA	trans-1,2-Dichloroethylene-R	Water	Approved
524.2	EPA	Trichloroethylene-R	Water	Approved
524.2	EPA	Vinyl Chloride-R	Water	Approved
525.2	EPA	Acenaphthene	Water	Approved
525.2	EPA	Acenaphthylene	Water	Approved
525.2	EPA	Alachlor	Water	Approved
525.2	EPA	Aldrin	Water	Approved
525.2	EPA	Atrazine	Water	Approved
525.2	EPA	Benzo(a)pyrene	Water	Approved
525.2	EPA	Butachlor	Water	Approved
525.2	EPA	Di(2-ethylhexyl)adipate	Water	Approved
525.2	EPA	Di(2-ethylhexyl)phthalate	Water	Approved
525.2	EPA	Dieldrin	Water	Approved
525.2	EPA	Endrin	Water	Approved
525.2	EPA	Heptachlor	Water	Approved
525.2	EPA	Heptachlor epoxide	Water	Approved
525.2	EPA	Hexachlorobenzene	Water	Approved
525.2	EPA	Hexachlorocyclopentadiene (HCCPD)	Water	Approved
525.2	EPA	Lindane (g-BHC)	Water	Approved
525.2	EPA	Methoxychlor	Water	Approved
525.2	EPA	Metolachlor	Water	Approved
525.2	EPA	Metribuzin	Water	Approved
525.2	EPA	PAHs	Water	Approved
525.2	EPA	Propachlor	Water	Approved
525.2	EPA	Simazine	Water	Approved
531.1	EPA	3-Hydroxycarbofuran	Water	Approved
531.1	EPA	Aldicarb	Water	Approved

Drinking Water Chemistry

Method/Test Name	Reference	Analyte	Matrix	Status
531.1	EPA	Aldicarb Sulfone	Water	Approved
531.1	EPA	Aldicarb Sulfoxide	Water	Approved
531.1	EPA	Carbaryl	Water	Approved
531.1	EPA	Carbofuran	Water	Approved
531.1	EPA	Methomyl	Water	Approved
531.1	EPA	Oxamyl (vydate)	Water	Approved
5310C (20th Ed.)	SM	Dissolved Organic Carbon (DOC)	Water	Approved
5310C (20th Ed.)	SM	Total Organic Carbon (TOC)	Water	Approved
547	EPA	Glyphosphate	Water	Approved
548.1	EPA	Endothall	Water	Approved
549.2	EPA	Diquat	Water	Approved
549.2	EPA	Paraquat	Water	Approved
551.1	EPA	1,2-Dibromo-3-chloropropane-DBCP	Water	Approved
551.1	EPA	1,2-Dibromoethane-EDB	Water	Approved
551.1	EPA	Bromodichloromethane	Water	Approved
551.1	EPA	Bromoform	Water	Approved
551.1	EPA	Chloroform	Water	Approved
551.1	EPA	Dibromochloromethane	Water	Approved
551.1	EPA	Total THMs	Water	Approved
552.2	EPA	Dibromoacetic acid	Water	Approved
552.2	EPA	Dichloroacetic acid	Water	Approved
552.2	EPA	Monobromoacetic acid	Water	Approved
552.2	EPA	Monochloroacetic acid	Water	Approved
552.2	EPA	Total Haloacetic Acids	Water	Approved
552.2	EPA	Trichloroacetic acid	Water	Approved
5910B (20th Ed.)	SM	UV 254	Water	Approved
7110B (20th Ed.)	SM	Gross alpha evaporation	Water	Approved
7110B (20th Ed.)	SM	Gross beta evaporation	Water	Approved
7110C (20th Ed.)	SM	Gross alpha co-precipitation	Water	Approved
7500Ra-B (20th Ed.)	SM	Radium 226	Water	Approved
7500Ra-D (20th Ed.)	SM	Radium 228	Water	Approved

Drinking Water Chemistry

Method/Test Name	Reference	Analyte	Matrix	Status
906.0	EPA	Tritium LSC	Water	Approved

