



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Drinking Water	EPA 200.7	1000	Aluminum	4.4	1994	10013806	ICP - metals
		1015	Barium				
		1020	Beryllium				
		1025	Boron				
		1030	Cadmium				
		1035	Calcium				
		1040	Chromium				
		1050	Cobalt				
		1055	Copper				
		1070	Iron				
		1080	Lithium				
		1085	Magnesium				
		1090	Manganese				
		1100	Molybdenum				
		1105	Nickel				
		1125	Potassium				
		1990	Silica as SiO ₂				
		1145	Silicon				
		1150	Silver				
		1155	Sodium				
1160	Strontium						
1175	Tin						
1180	Titanium						
1183	Tungsten						
1185	Vanadium						
1190	Zinc						
	EPA 200.8	1005	Antimony	5.4	1994	10014605	Metals by ICP-MS
		1010	Arsenic				
		1015	Barium				
		1020	Beryllium				
		1030	Cadmium				
		1040	Chromium				
		1050	Cobalt				
		1055	Copper				
		1075	Lead				



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description	
Drinking Water	EPA 200.8			5.4	1994	10014605	Metals by ICP-MS	
		1090	Manganese					
		1100	Molybdenum					
		1105	Nickel					
		1140	Selenium					
		1150	Silver					
		1165	Thallium					
		1184	Uranium (mass)					
		1185	Vanadium					
		1190	Zinc					
		EPA 218.7			1	2011	10268414	Determination of Hexavalent Chromium in Drinking Water by Ion Chromatography with Post-column Derivatization and UV-VIS Spectroscopic Determination
			1045	Chromium VI				
		EPA 245.1			3	1994	10036609	Mercury by Cold Vapor Atomic Absorption
			1095	Mercury				
	EPA 300.0			2.1	1993	10053200	Methods for the Determination of Inorganic Substances in Environmental Samples	
		1575	Chloride					
		1730	Fluoride					
		1810	Nitrate as N					
		1820	Nitrate plus Nitrite as N					
		1840	Nitrite as N					
		2000	Sulfate					
	EPA 300.1			1.0	1997	10275602	Determination of Inorganic Anions in Drinking Water by Ion Chromatography	
		1535	Bromate					
		1540	Bromide					
		1570	Chlorate					
		1595	Chlorite					
	EPA 335.4			1.0	1993	10061402	Methods for the Determination of Inorganic Substances in Environmental Samples	
		1635	Cyanide					
	EPA 353.2			2	1993	10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium	
		1810	Nitrate as N					
		1820	Nitrate plus Nitrite as N					



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Drinking Water	EPA 504.1	4570	1,2-Dibromo-3-chloropropane (DBCP)	1.1	1995	10082801	EDB/DBCP/TCP micro-extraction, GC/ECD
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)				
	EPA 508			3.1	1995	10085208	Chlorinated Pesticides in Water by GC/ECD
		7025	Aldrin				
		8880	Aroclor-1016 (PCB-1016)				
		8885	Aroclor-1221 (PCB-1221)				
		8890	Aroclor-1232 (PCB-1232)				
		8895	Aroclor-1242 (PCB-1242)				
		8900	Aroclor-1248 (PCB-1248)				
		8905	Aroclor-1254 (PCB-1254)				
		8910	Aroclor-1260 (PCB-1260)				
		7250	Chlordane (tech.)				
		7470	Dieldrin				
		7540	Endrin				
		7120	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)				
		7685	Heptachlor				
		7690	Heptachlor epoxide				
		7810	Methoxychlor				
		8250	Toxaphene (Chlorinated camphene)				
	EPA 508A				1989	10085800	PCB Screening by Perchlorination and GC/ECD
		9105	Decachlorobiphenyl (BZ-209)				
	EPA 515.3			1	1996	10088401	Chlorinated acids Liquid/Solid and GC/ECD
		8655	2,4,5-T				
		8545	2,4-D				
		8560	2,4-DB				
		8505	Acifluorfen				
		8555	Dalapon				
		8595	Dicamba				
		8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)				
		6605	Pentachlorophenol				
		8645	Picloram				
		8650	Silvex (2,4,5-TP)				



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Drinking Water	EPA 524.2			4.1	1995	10088809	Volatile Organic Compounds GC/MS Capillary Column
		5105	1,1,1,2-Tetrachloroethane				
		5160	1,1,1-Trichloroethane				
		5110	1,1,2,2-Tetrachloroethane				
		5165	1,1,2-Trichloroethane				
		4630	1,1-Dichloroethane				
		4640	1,1-Dichloroethylene				
		4670	1,1-Dichloropropene				
		5150	1,2,3-Trichlorobenzene				
		5180	1,2,3-Trichloropropane				
		5155	1,2,4-Trichlorobenzene				
		5210	1,2,4-Trimethylbenzene				
		4610	1,2-Dichlorobenzene				
		4635	1,2-Dichloroethane (Ethylene dichloride)				
		4655	1,2-Dichloropropane				
		5215	1,3,5-Trimethylbenzene				
		4615	1,3-Dichlorobenzene				
		4660	1,3-Dichloropropane				
		4620	1,4-Dichlorobenzene				
		4665	2,2-Dichloropropane				
		4410	2-Butanone (Methyl ethyl ketone, MEK)				
		4535	2-Chlorotoluene				
		4860	2-Hexanone (MBK)				
		4540	4-Chlorotoluene				
		4910	4-Isopropyltoluene (p-Cymene)				
		4995	4-Methyl-2-pentanone (MIBK)				
		4315	Acetone				
		4375	Benzene				
		4385	Bromobenzene				
		4390	Bromochloromethane				
		4395	Bromodichloromethane				
		4400	Bromoform				
4450	Carbon disulfide						
4455	Carbon tetrachloride						
4475	Chlorobenzene						
4575	Chlorodibromomethane						
4485	Chloroethane (Ethyl chloride)						
4505	Chloroform						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Drinking Water	EPA 524.2			4.1	1995	10088809	Volatile Organic Compounds GC/MS Capillary Column
		4645	cis-1,2-Dichloroethylene				
		4680	cis-1,3-Dichloropropene				
		4595	Dibromomethane (Methylene bromide)				
		4625	Dichlorodifluoromethane (Freon-12)				
		4765	Ethylbenzene				
		4835	Hexachlorobutadiene				
		4900	Isopropylbenzene (Cumene)				
		5240	m+p-xylene				
		4950	Methyl bromide (Bromomethane)				
		4960	Methyl chloride (Chloromethane)				
		5000	Methyl tert-butyl ether (MTBE)				
		4975	Methylene chloride (Dichloromethane)				
		4435	n-Butylbenzene				
		5090	n-Propylbenzene				
		5005	Naphthalene				
		5250	o-Xylene				
		4440	sec-Butylbenzene				
		5100	Styrene				
		4445	tert-Butylbenzene				
		5115	Tetrachloroethylene (Perchloroethylene)				
		5140	Toluene				
		5205	Total trihalomethanes				
		4700	trans-1,2-Dichloroethylene				
		4685	trans-1,3-Dichloropropylene				
		5170	Trichloroethene (Trichloroethylene)				
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)				
5235	Vinyl chloride						
5260	Xylene (total)						
	EPA 525.2			2	1995	10090003	Semi-Volatile by SPE extraction and GC/MS
		7005	Alachlor				
		7065	Atrazine				
		5580	Benzo(a)pyrene				
		6062	bis(2-Ethylhexyl)adipate				



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Drinking Water	EPA 525.2	7160	Butachlor	2	1995	10090003	Semi-Volatile by SPE extraction and GC/MS
		6065	Di(2-ethylhexyl) phthalate (bis (2-Ethylhexyl)phthalate, DEHP)				
		7470	Dieldrin				
		7540	Endrin				
		7120	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)				
		7685	Heptachlor				
		7690	Heptachlor epoxide				
		6275	Hexachlorobenzene				
		6285	Hexachlorocyclopentadiene				
		7810	Methoxychlor				
		7835	Metolachlor				
		7845	Metribuzin				
		8045	Propachlor (Ramrod)				
		8125	Simazine				
		8295	Trifluralin (Treflan)				
	EPA 531.2			1	2001	10091302	Carbamate Pesticides by Post-column Derivitization HPLC/Fluorescence
		7710	3-Hydroxycarbofuran				
		7010	Aldicarb (Temik)				
		7015	Aldicarb sulfone				
		7020	Aldicarb sulfoxide				
		7195	Carbaryl (Sevin)				
		7205	Carbofuran (Furaden)				
		7800	Methiocarb (Mesuroil)				
		7805	Methomyl (Lannate)				
		7940	Oxamyl				
		8080	Propoxur (Baygon)				
	EPA 547				1990	10092009	Glyphosate by Direct Aqueous Injection by Post-column Derivitization and HPLC/Fluorescence
		9411	Glyphosate				
	EPA 548.1			1	1992	10092805	Endothall by Ion Exchange, Methylation and GC/MS
		7525	Endothall				
	EPA 549.2			1	1997	10093400	Diquat/Paraquat by Liquid/Liquid Extraction and HPLC/UV-VIS
		9390	Diquat				



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description	
Drinking Water	EPA 552.2			1	1995	10095804	Haloacetic Acid/Dalapon, Liquid/Liquid Extraction, Derivatization and GC/ECD	
		9312	Bromoacetic acid					
		9336	Chloroacetic acid					
		9357	Dibromoacetic acid					
		9360	Dichloroacetic acid					
		9642	Trichloroacetic acid					
		Legiolert - Legionella pneumophilia in Water				2016	60008335	Determination of Legionella pneumophilia in Potable and Non-Potable Water
		2556	Legionella pneumophilia					
		SM 2120 B			23rd Ed	2011	20039036	Color - Visual Comparison Method
		1605	Color					
		SM 2130 B			23rd Ed	2011	20042631	Turbidity - Nephelometric Method
		2055	Turbidity					
		SM 2150 B			23rd Ed	2011	20043634	Odor - Threshold Odor Test
		1855	Odor					
		SM 2320 B			23rd Ed	2011	20045436	Alkalinity by Titration Method
		1505	Alkalinity as CaCO ₃					
		SM 2330 B			23rd Ed.	2011	20003376	Calcium Carbonate Indices
		1620	Corrosivity (langier index)					
		SM 2340 B			23rd Ed.	2011	20046439	Hardness - Hardness by Calculation
	1550	Calcium hardness as CaCO ₃						
	1755	Total hardness as CaCO ₃						
	SM 2510 B			23rd Ed	2011	20048435	Conductivity by Probe	
	1610	Conductivity						
	SM 2540 B			19th ED	1995	20048800	Total Solids	
	1950	Residue-total						
	SM 2540 C			23rd Ed	2015	20050457	Total Dissolved Solids Dried at 180 deg C	
	1955	Residue-filterable (TDS)						
	SM 4500-CI G			23rd Ed	2011	20081441	Chlorine (Residual) - DPD Colorimetric Method	
	1945	Residual free chlorine						
	1940	Total residual chlorine						
	SM 4500-H+ B			23rd ED	2011	20105037	pH Value - Electrometric Method	
	1900	pH						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Drinking Water	SM 4500-NO ₂ ⁻ B	1840	Nitrite as N	23rd ED	2011	20112838	Nitrite - Colorimetric Method
	SM 5310 C	1710	Dissolved organic carbon (DOC)	23rd Ed	2014	20138630	Total Organic Carbon by Persulfate-Ultraviolet Oxidation Method
		2040	Total organic carbon				
	SM 5540 C	2025	Surfactants - MBAS	23rd ED	2011	20144836	Surfactants - Anionic Surfactants as MBAS
	SM 5910 B	2060	UV 254	23rd Ed	2013	20146230	UV-Absorbing Organic Constituents - Ultraviolet Absorption Method
	SM 9215 B	2555	Heterotrophic plate count	23rd ED	2004	20179833	Heterotrophic Plate Count - Pour Plate Method
	SM 9215 B (R2A)	2555	Heterotrophic plate count	21st ED	2005	20182405	Heterotrophic Plate Count Pour Plate (R2A agar): Heterotrophic Bacteria
	SM 9222 B (LES Endo) + 9221 F (EC MUG)	2525	Escherichia coli	19th ED	1995	20222804	Total Coliforms & E. Coli by Qualitative Membrane Filtration + Fluorogenic
		2500	Total coliforms				
	SM 9223 B (Colilert)	2525	Escherichia coli	23rd ED	2016	20037723	Enzyme Substrate Coliform Test
		2500	Total coliforms				
	SM 9223 B (Colilert® Quanti-Tray®)	2525	Escherichia coli	20th ED	1997	20211205	Chromogenic/Fluorogenic Quantitative (Colilert®): Total Coliform and E. coli
		2500	Total coliforms				
	SM 9223 B (Colilert®-18 Quanti-Tray®)	2525	Escherichia coli	20th ED	1997	20213201	Chromogenic/Fluorogenic Quantitative (Colilert®-18): Total Coliform and E. coli
		2500	Total coliforms				
	SM 9223 B (Colilert-18)	2525	Escherichia coli	23rd ED	2016	20214431	Enzyme Substrate Coliform Test (Colilert-18)
		2500	Total coliforms				



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description	
Non-Potable Water	Enterolert®					60030208	Chromogenic/Fluorogenic Quantitative (Enterolert®): Enterococci	
		2520	Enterococci					
	EPA 1010				1986	10116606	Pensky-Martens Closed-Cup Method for Determining Ignitability	
		1780	Ignitability					
	EPA 160.4					10010205	Total Volatile Solids, ignition @ 550 C.	
		1970	Residue-volatile					
	EPA 1664B				2010	10261617	N-Hexane Extractable Material (Oil and Grease) by Extraction and Gravimetry	
		1803	n-Hexane Extractable Material (O&G)					
		1853	Non-Polar Extractable Material (TPH)					
	EPA 200.7				4.4	1994	10013806	ICP - metals
		1000	Aluminum					
		1005	Antimony					
		1010	Arsenic					
		1015	Barium					
		1020	Beryllium					
		1025	Boron					
		1030	Cadmium					
		1035	Calcium					
		1040	Chromium					
		1050	Cobalt					
		1055	Copper					
	1070	Iron						
	1075	Lead						
	1080	Lithium						
	1085	Magnesium						
	1090	Manganese						
	1100	Molybdenum						
	1105	Nickel						
	1125	Potassium						
	1140	Selenium						
	1990	Silica as SiO2						
	1145	Silicon						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description		
Non-Potable Water	EPA 200.7			4.4	1994	10013806	ICP - metals		
		1150	Silver						
		1155	Sodium						
		1160	Strontium						
		1165	Thallium						
		1175	Tin						
		1180	Titanium						
		1183	Tungsten						
		1185	Vanadium						
		1190	Zinc						
		Non-Potable Water	EPA 200.8			5.4	1994	10014605	Metals by ICP-MS
				1005	Antimony				
				1010	Arsenic				
1015	Barium								
1020	Beryllium								
1030	Cadmium								
1040	Chromium								
1050	Cobalt								
1055	Copper								
1075	Lead								
1090	Manganese								
1100	Molybdenum								
1105	Nickel								
1140	Selenium								
1150	Silver								
1165	Thallium								
1185	Vanadium								
1190	Zinc								
Non-Potable Water	EPA 218.6			3.3	1994	10028009	Dissolved Hexavalent Chromium by Ion Chromatography		
		1045	Chromium VI						
Non-Potable Water	EPA 245.1			3	1994	10036609	Mercury by Cold Vapor Atomic Absorption		
		1095	Mercury						
Non-Potable Water	EPA 300.0			2.1	1993	10053200	Methods for the Determination of Inorganic Substances in Environmental Samples		
		1540	Bromide						
		1575	Chloride						
		1730	Fluoride						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 300.0			2.1	1993	10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
		1810	Nitrate as N				
		1820	Nitrate plus Nitrite as N				
		1840	Nitrite as N				
		2000	Sulfate				
	EPA 3005A				1992	10133207	Acid Digestion of waters for Total Recoverable or Dissolved Metals
		1438	Preconcentration under Acid				
	EPA 3010A				1992	10133605	Acid Digestion of Aqueous samples and Extracts for Total Metals
		1401	Acid Digestion of Aqueous samples and Extracts for Total Metals				
	EPA 335.4			1.0	1993	10061402	Methods for the Determination of Inorganic Substances in Environmental Samples
		1645	Total cyanide				
	EPA 350.1			2	1993	10063602	Ammonia Nitrogen - Colorimetric, Auto Phenate
		1515	Ammonia as N				
	EPA 351.2			2	1993	10065404	Total Kjeldahl Nitrogen - Block Digest, Phenate
		1795	Total Kjeldahl Nitrogen (TKN)				
	EPA 3510C				1996	10138202	Separatory Funnel Liquid-liquid extraction
		1444	Seperatory Funnel Liquid-Liquid Extraction				
	EPA 353.2			2	1993	10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium
		1810	Nitrate as N				
		1820	Nitrate plus Nitrite as N				
EPA 420.1				1978	10079400	Phenolics - Spectrophotometric, manual.	
	1905	Total phenolics					
EPA 6010B				1996	10155609	ICP - AES	
	1000	Aluminum					
	1005	Antimony					
	1010	Arsenic					
	1015	Barium					
	1020	Beryllium					
	1025	Boron					
	1030	Cadmium					



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 6010B				1996	10155609	ICP - AES
		1035	Calcium				
		1550	Calcium hardness as CaCO3				
		1040	Chromium				
		1050	Cobalt				
		1055	Copper				
		1070	Iron				
		1075	Lead				
		1080	Lithium				
		1085	Magnesium				
		1090	Manganese				
		1100	Molybdenum				
		1105	Nickel				
		1125	Potassium				
		1140	Selenium				
		1990	Silica as SiO2				
		1145	Silicon				
		1150	Silver				
		1155	Sodium				
		1160	Strontium				
		1165	Thallium				
1175	Tin						
1180	Titanium						
1755	Total hardness as CaCO3						
1183	Tungsten						
1185	Vanadium						
1190	Zinc						
	EPA 6020A			Update IV	2007	10156419	Inductively Coupled Plasma -Mass Spectrometry
		1005	Antimony				
		1010	Arsenic				
		1015	Barium				
		1020	Beryllium				
		1030	Cadmium				
		1040	Chromium				
		1050	Cobalt				
		1055	Copper				
		1075	Lead				
		1090	Manganese				
		1100	Molybdenum				



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 6020A	1105	Nickel	Update IV	2007	10156419	Inductively Coupled Plasma -Mass Spectrometry
		1140	Selenium				
		1150	Silver				
		1165	Thallium				
		1185	Vanadium				
		1190	Zinc				
		EPA 608.3 GC-ECD	GC-ECD				
7360	4,4'-DDE						
7365	4,4'-DDT						
7025	Aldrin						
7110	alpha-BHC (alpha-Hexachlorocyclohexane)						
8880	Aroclor-1016 (PCB-1016)						
8885	Aroclor-1221 (PCB-1221)						
8890	Aroclor-1232 (PCB-1232)						
8895	Aroclor-1242 (PCB-1242)						
8900	Aroclor-1248 (PCB-1248)						
8905	Aroclor-1254 (PCB-1254)						
8910	Aroclor-1260 (PCB-1260)						
7115	beta-BHC (beta-Hexachlorocyclohexane)						
7250	Chlordane (tech.)						
7240	cis-chlordane (alpha-Chlordane)						
7105	delta-BHC						
7470	Dieldrin						
7510	Endosulfan I						
7515	Endosulfan II						
7520	Endosulfan sulfate						
7540	Endrin						
7530	Endrin aldehyde						
7535	Endrin ketone						
7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)						
7245	gamma-Chlordane						
7685	Heptachlor						
7690	Heptachlor epoxide						
7810	Methoxychlor						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 608.3 GC-ECD	8250	Toxaphene (Chlorinated camphene)		2016	10296614	Organochlorine Pesticides and PCBs by GC/ECD
	EPA 624.1				2016	10298121	Purgeables by GC/MS
		5105	1,1,1,2-Tetrachloroethane				
		5160	1,1,1-Trichloroethane				
		5110	1,1,2,2-Tetrachloroethane				
		5165	1,1,2-Trichloroethane				
		4630	1,1-Dichloroethane				
		4640	1,1-Dichloroethylene				
		4670	1,1-Dichloropropene				
		5150	1,2,3-Trichlorobenzene				
		5180	1,2,3-Trichloropropane				
		5155	1,2,4-Trichlorobenzene				
		5210	1,2,4-Trimethylbenzene				
		4570	1,2-Dibromo-3-chloropropane (DBCP)				
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)				
		4610	1,2-Dichlorobenzene				
		4635	1,2-Dichloroethane (Ethylene dichloride)				
		4655	1,2-Dichloropropane				
		5215	1,3,5-Trimethylbenzene				
		4615	1,3-Dichlorobenzene				
		4660	1,3-Dichloropropane				
		4620	1,4-Dichlorobenzene				
		4665	2,2-Dichloropropane				
		4410	2-Butanone (Methyl ethyl ketone, MEK)				
		4500	2-Chloroethyl vinyl ether				
		4535	2-Chlorotoluene				
		4860	2-Hexanone (MBK)				
		4540	4-Chlorotoluene				
		4910	4-Isopropyltoluene (p-Cymene)				
		4995	4-Methyl-2-pentanone (MIBK)				
		4315	Acetone				
		4325	Acrolein (Propenal)				
		4340	Acrylonitrile				
		4375	Benzene				



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 624.1				2016	10298121	Purgeables by GC/MS
		4385	Bromobenzene				
		4390	Bromochloromethane				
		4395	Bromodichloromethane				
		4400	Bromoform				
		4450	Carbon disulfide				
		4455	Carbon tetrachloride				
		4475	Chlorobenzene				
		4575	Chlorodibromomethane				
		4485	Chloroethane (Ethyl chloride)				
		4505	Chloroform				
		4645	cis-1,2-Dichloroethylene				
		4680	cis-1,3-Dichloropropene				
		4595	Dibromomethane (Methylene bromide)				
		4625	Dichlorodifluoromethane (Freon-12)				
		4765	Ethylbenzene				
		4835	Hexachlorobutadiene				
		4900	Isopropylbenzene (Cumene)				
		5240	m+p-xylene				
		4950	Methyl bromide (Bromomethane)				
		4960	Methyl chloride (Chloromethane)				
		5000	Methyl tert-butyl ether (MTBE)				
		4975	Methylene chloride (Dichloromethane)				
		4435	n-Butylbenzene				
		5090	n-Propylbenzene				
		5005	Naphthalene				
		5250	o-Xylene				
		4440	sec-Butylbenzene				
		5100	Styrene				
		4445	tert-Butylbenzene				
		5115	Tetrachloroethylene (Perchloroethylene)				
		5140	Toluene				
		4700	trans-1,2-Dichloroethylene				
4685	trans-1,3-Dichloropropylene						
5170	Trichloroethene (Trichloroethylene)						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 624.1				2016	10298121	Purgeables by GC/MS
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)				
		5235	Vinyl chloride				
		5260	Xylene (total)				
	EPA 625.1				2016	10300024	Base/Neutrals and Acids by GC/MS
		6715	1,2,4,5-Tetrachlorobenzene				
		5155	1,2,4-Trichlorobenzene				
		4610	1,2-Dichlorobenzene				
		4615	1,3-Dichlorobenzene				
		4620	1,4-Dichlorobenzene				
		4659	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether				
		6735	2,3,4,6-Tetrachlorophenol				
		6835	2,4,5-Trichlorophenol				
		6840	2,4,6-Trichlorophenol				
		6000	2,4-Dichlorophenol				
		6130	2,4-Dimethylphenol				
		6175	2,4-Dinitrophenol				
		6185	2,4-Dinitrotoluene (2,4-DNT)				
		6190	2,6-Dinitrotoluene (2,6-DNT)				
		5795	2-Chloronaphthalene				
		5800	2-Chlorophenol				
		6360	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)				
		6385	2-Methylnaphthalene				
		6400	2-Methylphenol (o-Cresol)				
		6460	2-Nitroaniline				
		6490	2-Nitrophenol				
		5945	3,3'-Dichlorobenzidine				
		6465	3-Nitroaniline				
		5660	4-Bromophenyl phenyl ether (BDE-3)				
		5700	4-Chloro-3-methylphenol				
		5745	4-Chloroaniline				
		5825	4-Chlorophenyl phenylether				
		6470	4-Nitroaniline				
		6500	4-Nitrophenol				
		5500	Acenaphthene				
		5505	Acenaphthylene				



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 625.1				2016	10300024	Base/Neutrals and Acids by GC/MS
		5545	Aniline				
		5555	Anthracene				
		5562	Azobenzene				
		5595	Benzidine				
		5575	Benzo(a)anthracene				
		5580	Benzo(a)pyrene				
		5590	Benzo(g,h,i)perylene				
		5600	Benzo(k)fluoranthene				
		5585	Benzo[b]fluoranthene				
		5610	Benzoic acid				
		5630	Benzyl alcohol				
		5760	bis(2-Chloroethoxy)methane				
		5765	bis(2-Chloroethyl) ether				
		5670	Butyl benzyl phthalate				
		5855	Chrysene				
		6065	Di(2-ethylhexyl) phthalate (bis (2-Ethylhexyl)phthalate, DEHP)				
		5925	Di-n-butyl phthalate				
		6200	Di-n-octyl phthalate				
		5895	Dibenz(a,h) anthracene				
		5905	Dibenzofuran				
		6070	Diethyl phthalate				
		6135	Dimethyl phthalate				
		6265	Fluoranthene				
		6270	Fluorene				
		6275	Hexachlorobenzene				
		4835	Hexachlorobutadiene				
		6285	Hexachlorocyclopentadiene				
		4840	Hexachloroethane				
		6315	Indeno(1,2,3-cd) pyrene				
		6320	Isophorone				
		6545	n-Nitrosodi-n-propylamine				
		6530	n-Nitrosodimethylamine				
		6535	n-Nitrosodiphenylamine				
		5005	Naphthalene				
5015	Nitrobenzene						
6590	Pentachlorobenzene						
6605	Pentachlorophenol						
6615	Phenanthrene						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 625.1				2016	10300024	Base/Neutrals and Acids by GC/MS
		6625	Phenol				
		6665	Pyrene				
		5095	Pyridine				
	EPA 7196A			Update I	1992	10162400	Chromium Hexavalent colorimetric
		1045	Chromium VI				
	EPA 7470A				1994	10165807	Mercury in Liquid Waste by Cold Vapor Atomic Absorption
		1095	Mercury				
	EPA 8081A				1996	10178606	Organochlorine Pesticides by GC/ECD
		7355	4,4'-DDD				
		7360	4,4'-DDE				
		7365	4,4'-DDT				
		7025	Aldrin				
		7110	alpha-BHC (alpha-Hexachlorocyclohexane)				
		7115	beta-BHC (beta-Hexachlorocyclohexane)				
		7250	Chlordane (tech.)				
		7240	cis-chlordane (alpha-Chlordane)				
		7105	delta-BHC				
		7470	Dieldrin				
		7510	Endosulfan I				
		7515	Endosulfan II				
		7520	Endosulfan sulfate				
		7540	Endrin				
		7530	Endrin aldehyde				
		7535	Endrin ketone				
		7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)				
		7245	gamma-Chlordane				
		7685	Heptachlor				
		7690	Heptachlor epoxide				
		7810	Methoxychlor				
		8250	Toxaphene (Chlorinated camphene)				
	EPA 8082				1996	10179007	Polychlorinated Biphenyls (PCBs) by GC/ECD
		8880	Aroclor-1016 (PCB-1016)				
		8885	Aroclor-1221 (PCB-1221)				



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description	
Non-Potable Water	EPA 8082				1996	10179007	Polychlorinated Biphenyls (PCBs) by GC/ECD	
		8890	Aroclor-1232 (PCB-1232)					
		8895	Aroclor-1242 (PCB-1242)					
		8900	Aroclor-1248 (PCB-1248)					
		8905	Aroclor-1254 (PCB-1254)					
		8910	Aroclor-1260 (PCB-1260)					
	EPA 8260B					1996	10184802	Volatile Organic Compounds by purge and trap GC/MS
			5105	1,1,1,2-Tetrachloroethane				
			5160	1,1,1-Trichloroethane				
			5110	1,1,2,2-Tetrachloroethane				
			5165	1,1,2-Trichloroethane				
			4630	1,1-Dichloroethane				
			4640	1,1-Dichloroethylene				
			4670	1,1-Dichloropropene				
			5150	1,2,3-Trichlorobenzene				
			5180	1,2,3-Trichloropropane				
			5155	1,2,4-Trichlorobenzene				
5210	1,2,4-Trimethylbenzene							
4570	1,2-Dibromo-3-chloropropane (DBCP)							
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)							
4610	1,2-Dichlorobenzene							
4635	1,2-Dichloroethane (Ethylene dichloride)							
4655	1,2-Dichloropropane							
5215	1,3,5-Trimethylbenzene							
4615	1,3-Dichlorobenzene							
4660	1,3-Dichloropropane							
4620	1,4-Dichlorobenzene							
4665	2,2-Dichloropropane							
4410	2-Butanone (Methyl ethyl ketone, MEK)							
4535	2-Chlorotoluene							
4860	2-Hexanone (MBK)							
4540	4-Chlorotoluene							
4910	4-Isopropyltoluene (p-Cymene)							
4995	4-Methyl-2-pentanone (MIBK)							
4315	Acetone							
4375	Benzene							



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 8260B				1996	10184802	Volatile Organic Compounds by purge and trap GC/MS
		4385	Bromobenzene				
		4390	Bromochloromethane				
		4395	Bromodichloromethane				
		4400	Bromoform				
		4450	Carbon disulfide				
		4455	Carbon tetrachloride				
		4475	Chlorobenzene				
		4575	Chlorodibromomethane				
		4485	Chloroethane (Ethyl chloride)				
		4505	Chloroform				
		4645	cis-1,2-Dichloroethylene				
		4680	cis-1,3-Dichloropropene				
		4595	Dibromomethane (Methylene bromide)				
		4625	Dichlorodifluoromethane (Freon-12)				
		4765	Ethylbenzene				
		4835	Hexachlorobutadiene				
		4900	Isopropylbenzene (Cumene)				
		5240	m+p-xylene				
		4950	Methyl bromide (Bromomethane)				
		4960	Methyl chloride (Chloromethane)				
		5000	Methyl tert-butyl ether (MTBE)				
		4975	Methylene chloride (Dichloromethane)				
		4435	n-Butylbenzene				
		5090	n-Propylbenzene				
		5005	Naphthalene				
		5250	o-Xylene				
		4440	sec-Butylbenzene				
		5100	Styrene				
		4445	tert-Butylbenzene				
		5115	Tetrachloroethylene (Perchloroethylene)				
5140	Toluene						
4700	trans-1,2-Dichloroethylene						
4685	trans-1,3-Dichloropropylene						
5170	Trichloroethene (Trichloroethylene)						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 8260B	5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)		1996	10184802	Volatile Organic Compounds by purge and trap GC/MS
		5235	Vinyl chloride				
		5260	Xylene (total)				
	EPA 8270D				2007	10186002	Semivolatile Organic compounds by GC/MS
		6715	1,2,4,5-Tetrachlorobenzene				
		5155	1,2,4-Trichlorobenzene				
		4610	1,2-Dichlorobenzene				
		4615	1,3-Dichlorobenzene				
		4620	1,4-Dichlorobenzene				
		4659	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether				
		6735	2,3,4,6-Tetrachlorophenol				
		6835	2,4,5-Trichlorophenol				
		6840	2,4,6-Trichlorophenol				
		6000	2,4-Dichlorophenol				
		6130	2,4-Dimethylphenol				
		6175	2,4-Dinitrophenol				
		6185	2,4-Dinitrotoluene (2,4-DNT)				
		6190	2,6-Dinitrotoluene (2,6-DNT)				
		5795	2-Chloronaphthalene				
		5800	2-Chlorophenol				
		6360	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)				
		6385	2-Methylnaphthalene				
		6400	2-Methylphenol (o-Cresol)				
		6460	2-Nitroaniline				
		6490	2-Nitrophenol				
		5945	3,3'-Dichlorobenzidine				
		6465	3-Nitroaniline				
		5660	4-Bromophenyl phenyl ether (BDE-3)				
		5700	4-Chloro-3-methylphenol				
		5745	4-Chloroaniline				
		5825	4-Chlorophenyl phenylether				
		6470	4-Nitroaniline				
		6500	4-Nitrophenol				
		5500	Acenaphthene				



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 8270D				2007	10186002	Semivolatile Organic compounds by GC/MS
		5505	Acenaphthylene				
		5545	Aniline				
		5555	Anthracene				
		5562	Azobenzene				
		5595	Benzidine				
		5575	Benzo(a)anthracene				
		5580	Benzo(a)pyrene				
		5590	Benzo(g,h,i)perylene				
		5600	Benzo(k)fluoranthene				
		5585	Benzo[b]fluoranthene				
		5610	Benzoic acid				
		5630	Benzyl alcohol				
		5760	bis(2-Chloroethoxy)methane				
		5765	bis(2-Chloroethyl) ether				
		5670	Butyl benzyl phthalate				
		5855	Chrysene				
		6065	Di(2-ethylhexyl) phthalate (bis (2-Ethylhexyl)phthalate, DEHP)				
		5925	Di-n-butyl phthalate				
		6200	Di-n-octyl phthalate				
		5895	Dibenz(a,h) anthracene				
		5905	Dibenzofuran				
		6070	Diethyl phthalate				
		6135	Dimethyl phthalate				
		6265	Fluoranthene				
		6270	Fluorene				
		6275	Hexachlorobenzene				
		4835	Hexachlorobutadiene				
		6285	Hexachlorocyclopentadiene				
		4840	Hexachloroethane				
		6315	Indeno(1,2,3-cd) pyrene				
		6320	Isophorone				
		6545	n-Nitrosodi-n-propylamine				
6530	n-Nitrosodimethylamine						
6535	n-Nitrosodiphenylamine						
5005	Naphthalene						
5015	Nitrobenzene						
6590	Pentachlorobenzene						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 8270D				2007	10186002	Semivolatle Organic compounds by GC/MS
		6605	Pentachlorophenol				
		6615	Phenanthrene				
		6625	Phenol				
		6665	Pyrene				
		5095	Pyridine				
	EPA 8270D SIM					10242509	Semivolatle Organic compounds by GC/MS Selective Ion Monitoring
		5500	Acenaphthene				
		5505	Acenaphthylene				
		5555	Anthracene				
		5575	Benzo(a)anthracene				
		5580	Benzo(a)pyrene				
		5590	Benzo(g,h,i)perylene				
		5600	Benzo(k)fluoranthene				
		5585	Benzo[b]fluoranthene				
		5855	Chrysene				
		5895	Dibenz(a,h) anthracene				
	6265	Fluoranthene					
	6270	Fluorene					
	6315	Indeno(1,2,3-cd) pyrene					
	5005	Naphthalene					
	6605	Pentachlorophenol					
	6615	Phenanthrene					
	6665	Pyrene					
EPA 9010B					1996	10193007	Total and Amenable Cyanide by Distillation and UV-Vis
	1645	Total cyanide					
EPA 9012B					2002	10243206	Total and Amenable Cyanide (automated colorimetric with off-line distillation)
	1645	Total cyanide					
EPA 9040B					1995	10197203	pH Electrometric Measurement
	1900	pH					
EPA 9045C					1995	10198400	Soil and Waste pH
	1900	pH					
EPA 9050A					1996	10198808	Specific Conductance
	1610	Conductivity					



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description	
Non-Potable Water	EPA 9056A				2000	10199607	Determination of Inorganic Anions by Ion Chromatography	
		1575	Chloride					
		1730	Fluoride					
		1810	Nitrate as N					
		1820	Nitrate plus Nitrite as N					
		1840	Nitrite as N					
		2000	Sulfate					
	EPA 9060					1986	10200201	Total Organic Carbon
		1710	Dissolved organic carbon (DOC)					
		2040	Total organic carbon					
EPA 9065					1986	10200405	Phenolics (Spectrophotometric, Manual 4-AAP with Distillation)	
	1905	Total phenolics						
Legiolert - Legionella pneumophilia in Water					2016	60008335	Determination of Legionella pneumophilia in Potable and Non-Potable Water	
	2556	Legionella pneumophilia						
NWTPH-Dx					04/03/2003	90018409	Oregon DEQ TPH Diesel Range	
	9369	Diesel range organics (DRO)						
	9499	Motor Oil						
NWTPH-Gx					04/03/2003	90018603	Oregon DEQ TPH Gasoline Range Organics by GC/FID-PID Purge & Trap	
	9408	Gasoline range organics (GRO)						
NWTPH-GX (GC/MS)					04/03/2003	90018658	Oregon DEQ TPH Gasoline Range Organics by GC/MS Purge & Trap	
	9408	Gasoline range organics (GRO)						
NWTPH-HCID						90013200	Oregon DEQ Total Petroleum Hydrocarbon ID	
	9369	Diesel range organics (DRO)						
	9408	Gasoline range organics (GRO)						
	9499	Motor Oil						
SM 2120 B-2011					2011	20039310	Color - Visual Comparison Method	
	1605	Color						
SM 2130 B-2011					2011	20048220	Turbidity by Nephelometric Method	
	2055	Turbidity						
SM 2320 B-2011					2011	20045618	Alkalinity as CaCO3	
	1505	Alkalinity as CaCO3						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description	
Non-Potable Water	SM 2340 B-2011			online		20046611	Hardness	
		1550	Calcium hardness as CaCO3					
		1755	Total hardness as CaCO3					
	SM 2510 B-2011				2011	20048617	Conductivity by Probe	
		1610	Conductivity					
	SM 2540 B-2015				2015	20049438	Solids - Total Solids Dried at 103 - 105 deg C	
		1950	Residue-total					
	SM 2540 C-2015					20050435	Solids - Total Dissolved Solids Dried at 180 deg C	
		1955	Residue-filterable (TDS)					
	SM 2540 D-2015				2015	20051223	Solids - Total Suspended Solids Dried at 103 - 105 deg C	
		1960	Residue-nonfilterable (TSS)					
	SM 2540 F-2015				2015	20052226	Solids - Settleable Solids	
		1965	Residue-settleable					
	SM 2540 G-2011			online	2011	20005270	Total, Fixed, and Volatile Solids	
		1950	Residue-total					
		1970	Residue-volatile					
		1725	Total, fixed, and volatile residue					
	SM 3500-Cr B-2011					2011	20066266	Chromium by Colorimetric Method
		1045	Chromium VI					
SM 3500-Cr C-2011					2011	20068364	Chromium - Ion Chromatographic Method	
	1045	Chromium VI						
SM 4500-Cl G-2011				22nd ED	2011	20081623	Chlorine (Residual) by DPD Colorimetric Method	
	1945	Residual free chlorine						
	1940	Total residual chlorine						
SM 4500-CN ⁻ I-2011					2011	20098026	Weak Acid Dissociable Cyanide	
	2074	Weak Acid Dissociable Cyanide						
SM 4500-H+ B-2011						20105220	pH - Electrometric Measurement	
	1900	pH						
SM 4500-NO2 B-2011				online	2011	20113115	Nitrite as N	
	1840	Nitrite as N						
SM 4500-O G-2016					2016	20121679	Oxygen (Dissolved) - Membrane Electrode Method	
	1880	Oxygen, dissolved						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description	
Non-Potable Water	SM 4500-P E-2011	1870	Orthophosphate as P		2011	20124225	Phosphorus by Ascorbic Acid Method	
		1910	Phosphorus, total					
	SM 5210 B-2016					2016	20135039	Biochemical Oxygen Demand (BOD) - 5-Day BOD Test
		1530	Biochemical oxygen demand					
		1555	Carbonaceous BOD, CBOD					
	SM 5220 D-2011				2011		20136816	Chemical Oxygen Demand by Closed Reflux and Colorimetric Determination
		1565	Chemical oxygen demand					
	SM 5310 C-2014					2014	20138834	Total Organic Carbon (TOC) - Persulfate-Ultraviolet or Heated-Persulfate Oxidation Method
		1710	Dissolved organic carbon (DOC)					
		2040	Total organic carbon					
	SM 5540 C-2011					2011	20145066	Surfactants as MBAS
		2025	Surfactants - MBAS					
	SM 5550 B				18th ED	1992	20029203	Tannin and Lignin
		9597	Tannin & Lignin					
	SM 9221 B-2014						20191289	Multiple Tube Fermentation Technique - Standard Total Coliform Fermentation Technique
		2500	Total coliforms					
	SM 9221 E-2014					2014	20227263	Multiple Tube Fermentation Technique - Fecal Coliform Procedure
		2530	Fecal coliforms					
	SM 9221 F-2014					2014	20197620	Multiple Tube Fermentation Technique - Fecal Coliform Procedure
2525		Escherichia coli						
2530		Fecal coliforms						
SM 9223 B (Colilert Quanti-Tray)				23rd ED	2016	20211443	Enzyme Substrate Coliform Test (Colilert Quanti-Tray®)	
	2525	Escherichia coli						
	2500	Total coliforms						
SM 9223 B (Colilert-18 Quanti-Tray)				23rd ED	2016	20213449	Enzyme Substrate Coliform Test (Colilert-18 Quanti-Tray®)	
	2525	Escherichia coli						
	2500	Total coliforms						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description	
Non-Potable Water	SM 9223 B-2016	2525	Escherichia coli		2016	20037701	Enzyme Substrate Coliform Test	
		2500	Total coliforms					
Solids	EPA 1010				1986	10116606	Pensky-Martens Closed-Cup Method for Determining Ignitability	
		1780	Ignitability					
	EPA 1311					1992	10118806	Toxicity Characteristic Leaching Procedure
		1466	Toxicity Characteristic Leaching Procedure (TCLP)					
	EPA 200.7				4.4	1994	10013806	ICP - metals
		1000	Aluminum					
		1010	Arsenic					
		1015	Barium					
		1030	Cadmium					
		1040	Chromium					
		1055	Copper					
		1070	Iron					
		1075	Lead					
		1100	Molybdenum					
		1105	Nickel					
		1125	Potassium					
	1140	Selenium						
	1150	Silver						
	1190	Zinc						
EPA 245.1				3	1994	10036609	Mercury by Cold Vapor Atomic Absorption	
	1095	Mercury						
EPA 3005A					1992	10133207	Acid Digestion of waters for Total Recoverable or Dissolved Metals	
	1438	Preconcentration under Acid						
EPA 3010A					1992	10133605	Acid Digestion of Aqueous samples and Extracts for Total Metals	
	1401	Acid Digestion of Aqueous samples and Extracts for Total Metals						
EPA 3051A					1998	10136002	Microwave Assisted Acid Digestion of Sediments, Sludges, Soils, and Oils	
	1426	Microwave Digestion of Solids						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description	
Solids	EPA 335.4					10061208	Methods for the Determination of Inorganic Substances in Environmental Samples	
		1645	Total cyanide					
	EPA 350.1			2	1993	10063602	Ammonia Nitrogen - Colorimetric, Auto Phenate	
		1515	Ammonia as N					
	EPA 351.2			2	1993	10065404	Total Kjeldahl Nitrogen - Block Digest, Phenate	
		1795	Total Kjeldahl Nitrogen (TKN)					
	EPA 353.2			2	1993	10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium	
		1810	Nitrate as N					
		1820	Nitrate plus Nitrite as N					
	EPA 3546				2000	10141205	Microwave Extraction	
		1428	Microwave Extraction					
	EPA 3550C				2000	10142004	Ultrasonic Extraction	
		1468	Ultrasonic Extraction					
	EPA 5035A				2002	10284807	Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples	
		1450	Solid-Phase Purge & Trap					
	EPA 6010B					1996	10155609	ICP - AES
		1000	Aluminum					
		1005	Antimony					
		1010	Arsenic					
		1015	Barium					
		1020	Beryllium					
	1025	Boron						
	1030	Cadmium						
	1035	Calcium						
	1040	Chromium						
	1050	Cobalt						
	1055	Copper						
	1760	Hardness (calc.)						
	1070	Iron						
	1075	Lead						
	1080	Lithium						
	1085	Magnesium						
	1090	Manganese						
	1100	Molybdenum						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description	
Solids	EPA 6010B	1105	Nickel		1996	10155609	ICP - AES	
		1125	Potassium					
		1140	Selenium					
		1990	Silica as SiO ₂					
		1145	Silicon					
		1150	Silver					
		1160	Strontium					
		1165	Thallium					
		1175	Tin					
		1180	Titanium					
		1183	Tungsten					
	1185	Vanadium						
	1190	Zinc						
		EPA 7471A				1994	10166208	Mercury in Solid Waste by Cold Vapor Atomic Absorption
			1095	Mercury				
		EPA 8081A				1996	10178606	Organochlorine Pesticides by GC/ECD
			7355	4,4'-DDD				
			7360	4,4'-DDE				
			7365	4,4'-DDT				
			7025	Aldrin				
	7110		alpha-BHC (alpha-Hexachlorocyclohexane)					
	7115		beta-BHC (beta-Hexachlorocyclohexane)					
	7250		Chlordane (tech.)					
	7240		cis-chlordane (alpha-Chlordane)					
	7105		delta-BHC					
	7470		Dieldrin					
	7510		Endosulfan I					
	7515		Endosulfan II					
	7520		Endosulfan sulfate					
	7540		Endrin					
	7530		Endrin aldehyde					
	7535	Endrin ketone						
	7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)						
	7245	gamma-Chlordane						
	7685	Heptachlor						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description	
Solids	EPA 8081A	7690	Heptachlor epoxide		1996	10178606	Organochlorine Pesticides by GC/ECD	
		7810	Methoxychlor					
		8250	Toxaphene (Chlorinated camphene)					
	EPA 8082		8880	Aroclor-1016 (PCB-1016)		1996	10179007	Polychlorinated Biphenyls (PCBs) by GC/ECD
			8885	Aroclor-1221 (PCB-1221)				
			8890	Aroclor-1232 (PCB-1232)				
			8895	Aroclor-1242 (PCB-1242)				
			8900	Aroclor-1248 (PCB-1248)				
			8905	Aroclor-1254 (PCB-1254)				
			8910	Aroclor-1260 (PCB-1260)				
EPA 8260B		5105	1,1,1,2-Tetrachloroethane		1996	10184802	Volatile Organic Compounds by purge and trap GC/MS	
		5160	1,1,1-Trichloroethane					
		5110	1,1,2,2-Tetrachloroethane					
		5165	1,1,2-Trichloroethane					
		4630	1,1-Dichloroethane					
		4640	1,1-Dichloroethylene					
		4670	1,1-Dichloropropene					
		5150	1,2,3-Trichlorobenzene					
		5180	1,2,3-Trichloropropane					
		5155	1,2,4-Trichlorobenzene					
		5210	1,2,4-Trimethylbenzene					
		4570	1,2-Dibromo-3-chloropropane (DBCP)					
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)					
		4610	1,2-Dichlorobenzene					
		4635	1,2-Dichloroethane (Ethylene dichloride)					
4655	1,2-Dichloropropane							
5215	1,3,5-Trimethylbenzene							
4615	1,3-Dichlorobenzene							
4660	1,3-Dichloropropane							
4620	1,4-Dichlorobenzene							
4665	2,2-Dichloropropane							



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Solids	EPA 8260B				1996	10184802	Volatile Organic Compounds by purge and trap GC/MS
		4410	2-Butanone (Methyl ethyl ketone, MEK)				
		4535	2-Chlorotoluene				
		4860	2-Hexanone (MBK)				
		4540	4-Chlorotoluene				
		4910	4-Isopropyltoluene (p-Cymene)				
		4995	4-Methyl-2-pentanone (MIBK)				
		4315	Acetone				
		4375	Benzene				
		4385	Bromobenzene				
		4390	Bromochloromethane				
		4395	Bromodichloromethane				
		4400	Bromoform				
		4450	Carbon disulfide				
		4455	Carbon tetrachloride				
		4475	Chlorobenzene				
		4575	Chlorodibromomethane				
		4485	Chloroethane (Ethyl chloride)				
		4505	Chloroform				
		4645	cis-1,2-Dichloroethylene				
		4680	cis-1,3-Dichloropropene				
		4595	Dibromomethane (Methylene bromide)				
		4625	Dichlorodifluoromethane (Freon-12)				
		4765	Ethylbenzene				
		4835	Hexachlorobutadiene				
		4900	Isopropylbenzene (Cumene)				
		5240	m+p-xylene				
		4950	Methyl bromide (Bromomethane)				
		4960	Methyl chloride (Chloromethane)				
		5000	Methyl tert-butyl ether (MTBE)				
		4975	Methylene chloride (Dichloromethane)				
		4435	n-Butylbenzene				
5090	n-Propylbenzene						
5005	Naphthalene						
5250	o-Xylene						
4440	sec-Butylbenzene						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Solids	EPA 8260B	5100	Styrene		1996	10184802	Volatile Organic Compounds by purge and trap GC/MS
		4445	tert-Butylbenzene				
		5115	Tetrachloroethylene (Perchloroethylene)				
		5140	Toluene				
		4700	trans-1,2-Dichloroethylene				
		4685	trans-1,3-Dichloropropylene				
		5170	Trichloroethene (Trichloroethylene)				
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)				
		5235	Vinyl chloride				
		5260	Xylene (total)				
			EPA 8270D	5155			
4610	1,2-Dichlorobenzene						
4615	1,3-Dichlorobenzene						
4620	1,4-Dichlorobenzene						
4659	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether						
6735	2,3,4,6-Tetrachlorophenol						
6835	2,4,5-Trichlorophenol						
6840	2,4,6-Trichlorophenol						
6000	2,4-Dichlorophenol						
6130	2,4-Dimethylphenol						
6175	2,4-Dinitrophenol						
6185	2,4-Dinitrotoluene (2,4-DNT)						
6190	2,6-Dinitrotoluene (2,6-DNT)						
5795	2-Chloronaphthalene						
5800	2-Chlorophenol						
6360	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)						
6385	2-Methylnaphthalene						
6400	2-Methylphenol (o-Cresol)						
6460	2-Nitroaniline						
6490	2-Nitrophenol						
5945	3,3'-Dichlorobenzidine						
6465	3-Nitroaniline						



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Solids	EPA 8270D				2007	10186002	Semivolatile Organic compounds by GC/MS
		5660	4-Bromophenyl phenyl ether (BDE-3)				
		5700	4-Chloro-3-methylphenol				
		5745	4-Chloroaniline				
		5825	4-Chlorophenyl phenylether				
		6470	4-Nitroaniline				
		6500	4-Nitrophenol				
		5500	Acenaphthene				
		5505	Acenaphthylene				
		5545	Aniline				
		5555	Anthracene				
		5595	Benzidine				
		5575	Benzo(a)anthracene				
		5580	Benzo(a)pyrene				
		5590	Benzo(g,h,i)perylene				
		5600	Benzo(k)fluoranthene				
		5585	Benzo[b]fluoranthene				
		5610	Benzoic acid				
		5630	Benzyl alcohol				
		5760	bis(2-Chloroethoxy)methane				
		5765	bis(2-Chloroethyl) ether				
		5670	Butyl benzyl phthalate				
		5855	Chrysene				
		6065	Di(2-ethylhexyl) phthalate (bis (2-Ethylhexyl)phthalate, DEHP)				
		5925	Di-n-butyl phthalate				
		6200	Di-n-octyl phthalate				
		5895	Dibenz(a,h) anthracene				
		5905	Dibenzofuran				
		6070	Diethyl phthalate				
		6135	Dimethyl phthalate				
		6265	Fluoranthene				
		6270	Fluorene				
		6275	Hexachlorobenzene				
		4835	Hexachlorobutadiene				
		6285	Hexachlorocyclopentadiene				
		4840	Hexachloroethane				
		6315	Indeno(1,2,3-cd) pyrene				
		6320	Isophorone				



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description	
Solids	EPA 8270D				2007	10186002	Semivolatle Organic compounds by GC/MS	
		6545	n-Nitrosodi-n-propylamine					
		6530	n-Nitrosodimethylamine					
		6535	n-Nitrosodiphenylamine					
		5005	Naphthalene					
		5015	Nitrobenzene					
		6605	Pentachlorophenol					
		6615	Phenanthrene					
		6625	Phenol					
		6665	Pyrene					
		5095	Pyridine					
		EPA 8270D SIM					10242509	Semivolatle Organic compounds by GC/MS Selective Ion Monitoring
				5500	Acenaphthene			
				5505	Acenaphthylene			
				5555	Anthracene			
		5575	Benzo(a)anthracene					
		5580	Benzo(a)pyrene					
		5590	Benzo(g,h,i)perylene					
		5600	Benzo(k)fluoranthene					
		5585	Benzo[b]fluoranthene					
		5855	Chrysene					
		5895	Dibenz(a,h) anthracene					
		6265	Fluoranthene					
		6270	Fluorene					
		6315	Indeno(1,2,3-cd) pyrene					
		5005	Naphthalene					
		6615	Phenanthrene					
		6665	Pyrene					
EPA 9010B					1996	10193007	Total and Amenable Cyanide by Distillation and UV-Vis	
		1645	Total cyanide					
EPA 9012B					2002	10243206	Total and Amenable Cyanide (automated colorimetric with off-line distillation)	
		1645	Total cyanide					
EPA 9045C					1995	10198400	Soil and Waste pH	
		1625	Corrosivity (pH)					
		1900	pH					



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Neilson Research Corporation
245 South Grape St
Medford, OR 97501

ORELAP ID: OR100016
EPA CODE: OR00028
Certificate: OR100016 - 028

Issue Date: 4/25/2024 Expiration Date: 12/23/2024

As of 4/25/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Solids	EPA 9056A				2000	10199607	Determination of Inorganic Anions by Ion Chromatography
		1575	Chloride				
		1730	Fluoride				
		1810	Nitrate as N				
	EPA 9065				1986	10200405	Phenolics (Spectrophotometric, Manual 4-AAP with Distillation)
		1905	Total phenolics				
	EPA/600/R-93/116				1993	10294583	Determination of Asbestos in Bulk Building Materials
		1520	Asbestos				
	NWTPH-Dx				04/03/2003	90018409	Oregon DEQ TPH Diesel Range
		9369	Diesel range organics (DRO)				
		9499	Motor Oil				
	NWTPH-Gx				04/03/2003	90018603	Oregon DEQ TPH Gasoline Range Organics by GC/FID-PID Purge & Trap
		9408	Gasoline range organics (GRO)				
	NWTPH-GX (GC/MS)				04/03/2003	90018658	Oregon DEQ TPH Gasoline Range Organics by GC/MS Purge & Trap
		9408	Gasoline range organics (GRO)				
	NWTPH-HCID					90013200	Oregon DEQ Total Petroleum Hydrocarbon ID
		9369	Diesel range organics (DRO)				
		9408	Gasoline range organics (GRO)				
	9499	Motor Oil					
SM 2540 G-2011				online	2011	20005270	Total, Fixed, and Volatile Solids
	1950	Residue-total					
	1970	Residue-volatile					
	1725	Total, fixed, and volatile residue					
SM 4500-P E-2011					2011	20124225	Phosphorus by Ascorbic Acid Method
	1910	Phosphorus, total					