



**Oregon
Environmental Laboratory
Accreditation Program**



NELAP Recognized

Enthalpy Analytical, LLC - Orange

4038

931 W. Barkely Ave

Orange, CA 92868

IS GRANTED APPROVAL BY ORELAP UNDER THE 2016 TNI STANDARDS, TO PERFORM
ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW :

Air	Drinking Water	Non-Potable Water	Solids and Chemical Waste	Tissue
Chemistry	Chemistry Microbiology	Chemistry Microbiology	Chemistry	

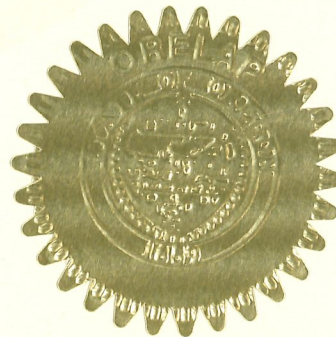
AND AS RECORDED IN THE LIST OF APPROVED ANALYTES, METHODS, ANALYTICAL TECHNIQUES, AND
FIELDS OF TESTING ISSUED CONCURRENTLY WITH THIS CERTIFICATE AND REVISED AS NECESSARY.

ACCREDITED STATUS DEPENDS ON SUCCESSFUL ONGOING PARTICIPATION IN THE PROGRAM AND
CONTINUED COMPLIANCE WITH THE STANDARDS.

CUSTOMERS ARE URGED TO VERIFY THE LABORATORY'S CURRENT ACCREDITATION STATUS IN
OREGON.

Travis Bartholomew
Oregon State Public Health Laboratory
ORELAP Program Manager
7202 NE Evergreen Parkway, Suite 100
Hillsboro, OR 97124

EFFECTIVE DATE : 1/30/2023
EXPIRATION DATE : 1/29/2024
Certificate No : 4038 - 014





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ORELAP Fields of Accreditation



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EPA CODE: CA00054

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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
Air					
	ASTM D1946-90			30024465	Reformed Gas by Gas Chromatography
		4747	Ethane		
		4752	Ethene		
		4926	Methane		
	EPA TO-15			10248803	VOCs collected in Canisters by GC/MS
		5160	1,1,1-Trichloroethane		
		5110	1,1,2,2-Tetrachloroethane		
		5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		
		5165	1,1,2-Trichloroethane		
		4630	1,1-Dichloroethane		
		4640	1,1-Dichloroethylene		
		5155	1,2,4-Trichlorobenzene		
		5210	1,2,4-Trimethylbenzene		
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)		
		4695	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114)		
		4610	1,2-Dichlorobenzene		
		4635	1,2-Dichloroethane (Ethylene dichloride)		
		4655	1,2-Dichloropropane		
		5215	1,3,5-Trimethylbenzene		
		9318	1,3-Butadiene		
		4615	1,3-Dichlorobenzene		
		4620	1,4-Dichlorobenzene		
		4735	1,4-Dioxane (1,4-Diethyleneoxide)		
		4836	1-Propene (Propylene)		
		4410	2-Butanone (Methyl ethyl		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
			ketone, MEK)		
		4860	2-Hexanone (MBK)		
		4942	2-methylpropane (Isobutane)		
		4542	4-Ethyltoluene		
		4995	4-Methyl-2-pentanone (MIBK)		
		4315	Acetone		
		4375	Benzene		
		5635	Benzyl chloride		
		4395	Bromodichloromethane		
		4400	Bromoform		
		4450	Carbon disulfide		
		4455	Carbon tetrachloride		
		4475	Chlorobenzene		
		4575	Chlorodibromomethane		
		4485	Chloroethane (Ethyl chloride)		
		4505	Chloroform		
		4705	cis & trans-1,2-Dichloroethene		
		4645	cis-1,2-Dichloroethylene		
		4680	cis-1,3-Dichloropropene		
		4555	Cyclohexane		
		4625	Dichlorodifluoromethane (Freon-12)		
		9375	Di-isopropylether (DIPE)		
		4750	Ethanol		
		4755	Ethyl acetate		
		4765	Ethylbenzene		
		4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)		
		4835	Hexachlorobutadiene		
		4895	Isopropyl alcohol (2-		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
			Propanol, Isopropanol)		
		5240	m+p-xylene		
		4950	Methyl bromide (Bromomethane)		
		4960	Methyl chloride (Chloromethane)		
		5000	Methyl tert-butyl ether (MTBE)		
		4975	Methylene chloride (Dichloromethane)		
		5005	Naphthalene		
		4825	n-Heptane		
		4855	n-Hexane		
		5250	o-Xylene		
		5100	Styrene		
		4370	T-amylmethylether (TAME)		
		4420	tert-Butyl alcohol		
		5115	Tetrachloroethylene (Perchloroethylene)		
		5140	Toluene		
		4700	trans-1,2-Dichloroethylene		
		4685	trans-1,3- Dichloropropylene		
		5170	Trichloroethene (Trichloroethylene)		
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)		
		5225	Vinyl acetate		
		5235	Vinyl chloride		
		5260	Xylene (total)		
EPA TO-3				10312400	Method for the Determination of Volatile Organic Compounds in Ambient Air Using Cryogenic Preconcentration Techniques and Gas Chromatography With Flame Ionization and Electron Capture Detection
		4747	Ethane		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		9408	Gasoline range organics (GRO)		
		4926	Methane		
		4855	n-Hexane		
		5029	n-Propane		
Drinking Water					
EPA 150.1				10008409	pH - Electrometric Measurement
		1900	pH		
EPA 180.1 2				10011800	Turbidity - Nephelometric
		2055	Turbidity		
EPA 200.7 4.4				10013806	ICP - metals
		1000	Aluminum		
		1015	Barium		
		1020	Beryllium		
		1025	Boron		
		1030	Cadmium		
		1035	Calcium		
		1550	Calcium hardness as CaCO3		
		1040	Chromium		
		1055	Copper		
		1760	Hardness (calc.)		
		1070	Iron		
		1085	Magnesium		
		1090	Manganese		
		1105	Nickel		
		1125	Potassium		
		1990	Silica as SiO2		
		1145	Silicon		
		1150	Silver		
		1155	Sodium		
		1755	Total hardness as CaCO3		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		1190	Zinc		
EPA 200.8				10014401	ICP/MS - metals
		1000	Aluminum		
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		
		1020	Beryllium		
		1025	Boron		
		1030	Cadmium		
		1035	Calcium		
		1040	Chromium		
		1055	Copper		
		1070	Iron		
		1075	Lead		
		1085	Magnesium		
		1090	Manganese		
		1105	Nickel		
		1125	Potassium		
		1140	Selenium		
		1150	Silver		
		1155	Sodium		
		1160	Strontium		
		1165	Thallium		
		1185	Vanadium		
		1190	Zinc		
EPA 245.1 3				10036609	Mercury by Cold Vapor Atomic Absorption
		1095	Mercury		
EPA 300.0 2.1				10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
		1575	Chloride		
		1730	Fluoride		
		1810	Nitrate as N		



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		1820	Nitrate plus Nitrite as N		
		1835	Nitrite		
		1840	Nitrite as N		
		2000	Sulfate		
EPA 314.0				10277006	Perchlorate in Drinking Water by Ion Chromatography
		1895	Perchlorate		
EPA 335.4 1.0				10061402	Methods for the Determination of Inorganic Substances in Environmental Samples
		1645	Total cyanide		
EPA 524.2				10088605	Volatile Organic Compounds GC/MS Capillary Column
		5105	1,1,1,2-Tetrachloroethane		
		5160	1,1,1-Trichloroethane		
		5110	1,1,2,2-Tetrachloroethane		
		5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		
		5165	1,1,2-Trichloroethane		
		4630	1,1-Dichloroethane		
		4640	1,1-Dichloroethylene		
		4670	1,1-Dichloropropene		
		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		
		4535	2-Chlorotoluene		
		4540	4-Chlorotoluene		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		4910	4-Isopropyltoluene (p-Cymene)		
		4375	Benzene		
		4385	Bromobenzene		
		4390	Bromochloromethane		
		4395	Bromodichloromethane		
		4400	Bromoform		
		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)		
		9375	Di-isopropylether (DIPE)		
		4765	Ethylbenzene		
		4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)		
		4835	Hexachlorobutadiene		
		4900	Isopropylbenzene (Cumene)		
		5240	m+p-xylene		
		4960	Methyl chloride (Chloromethane)		
		5000	Methyl tert-butyl ether (MTBE)		
		4975	Methylene chloride (Dichloromethane)		
		4435	n-Butylbenzene		
		5090	n-Propylbenzene		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		5250	o-Xylene		
		4440	sec-Butylbenzene		
		5100	Styrene		
		4370	T-amylmethylether (TAME)		
		4420	tert-Butyl alcohol		
		4445	tert-Butylbenzene		
		5115	Tetrachloroethylene (Perchloroethylene)		
		5140	Toluene		
		5205	Total trihalomethanes		
		4700	trans-1,2-Dichloroethylene		
		5170	Trichloroethene (Trichloroethylene)		
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)		
		5235	Vinyl chloride		
SM 2130 B 21st ED				20042608	Turbidity by Nephelometric Method
		2055	Turbidity		
SM 2320 B 21st ED				20045403	Alkalinity by Titration Method
		1505	Alkalinity as CaCO ₃		
SM 2340 B-97 1997				20046600	Hardness by calculation
		1750	Hardness		
SM 2510 B 20th ED				20048208	Conductivity by Probe
		1610	Conductivity		
SM 2540 B-2011 2011				20049416	Total Solids Dried at 103 - 105C
		1950	Residue-total		
SM 2540 C-97 1997				20050402	Total Dissolved Solids Dried at 180C
		1955	Residue-filterable (TDS)		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	SM 2540 D-2011			20051212	Total Suspended Solids Dried at 103 - 105 C
		1960	Residue-nonfilterable (TSS)		
	SM 4500-Cl G 21st ED			20081407	Chlorine by DPD Colorimetric Method
		1945	Residual free chlorine		
		1940	Total residual chlorine		
	SM 4500-CN E-1999			20096417	Cyanide by Colorimetric Method
		1645	Total cyanide		
	SM 4500-CN G-1999 online			20097216	Cyanide Amenable to Chlorination after Distillation
		1510	Amenable cyanide		
	SM 4500-F C 22nd Ed			20102210	Fluoride by Ion Selective Electrode
		1730	Fluoride		
	SM 4500-H+ B 21st ED			20105004	pH Value by Electrometric Method .
		1900	pH		
	SM 4500-NO ₃ ⁻ F 21st ED			20116409	Nitrate by Automated Cadmium Reduction Method
		1810	Nitrate as N		
		1820	Nitrate plus Nitrite as N		
	SM 4500-SiO ₂ C 20th ED			20128205	Silicon by Molybdosilicate Method
		1990	Silica as SiO ₂		
	SM 4500-SiO ₂ D 20th ED			20128807	Silicon by Heteropoly Blue Method
		1990	Silica as SiO ₂		
	SM 5310 B 21st ED			20137604	TOC by High-Temperature Combustion Method
		1710	Dissolved organic carbon (DOC)		
		2040	Total organic carbon		
	SM 9215 E SimPlate®			20185302	Fluorogenic Quantitative (SimPlate®): Heterotrophic Bacteria



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		2555	Heterotrophic plate count		
	SM 9221 B (LTB) + C MPN 22nd			20187228	Multiple Tube Fermentation Quantitative (LTB): Total Coliform
		2500	Total coliforms		
	SM 9221 B (LTB) + E (EC) + C MPN 22nd			20189020	Multiple Tube Fermentation Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform
		2530	Fecal coliforms		
	SM 9221 B plus F plus C-2006 2006			20190823	Multiple-Tube Fermentation Technique for Members of the Coliform Group - Standard Total Coliform Fermentation Technique
		2525	Escherichia coli		
	SM 9223 B (Colilert) 22nd Ed			20212413	Enzyme Substrate Coliform Test (Colilert) P/A
		2525	Escherichia coli		
		2500	Total coliforms		
	SM 9223 B (Colilert-18) 22nd Ed			20214419	Enzyme Substrate Coliform Test (Colilert-18)
		2525	Escherichia coli		
		2500	Total coliforms		
	SM 9223 B (Colisure) 22nd Ed			20231612	Enzyme Substrate Coliform Test (Colisure)
		2525	Escherichia coli		
		2500	Total coliforms		

Non-Potable Water

EPA 1010				10116606	Pensky-Martens Closed-Cup Method for Determining Ignitability
		1780	Ignitability		
EPA 1030				10117201	Ignitability of Solids
		1780	Ignitability		
EPA 120.1				10006403	Conductance - Specific @ 25 C
		1610	Conductivity		
EPA 1311				10118806	Toxicity Characteristic Leaching Procedure
		1466	Toxicity Characteristic Leaching Procedure		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
			(TCLP)		
EPA 1312				10119003	Synthetic Precipitation Leaching Procedure
		1460	Synthetic Precipitation Leaching Procedure (SPLP)		
EPA 1664A (HEM)				10127807	N-Hexane Extractable Material (Oil and Grease) by Extraction and Gravimetry
		1803	n-Hexane Extractable Material (O&G)		
EPA 180.1 2				10011800	Turbidity - Nephelometric
		2055	Turbidity		
EPA 200.7 4.4				10013806	ICP - metals
		1000	Aluminum		
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		
		1020	Beryllium		
		1030	Cadmium		
		1035	Calcium		
		1550	Calcium hardness as CaCO3		
		1040	Chromium		
		1050	Cobalt		
		1055	Copper		
		1070	Iron		
		1075	Lead		
		1085	Magnesium		
		1090	Manganese		
		1100	Molybdenum		
		1105	Nickel		
		1125	Potassium		
		1140	Selenium		
		1990	Silica as SiO2		
		1145	Silicon		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		1150	Silver		
		1155	Sodium		
		1160	Strontium		
		1165	Thallium		
		1755	Total hardness as CaCO3		
		1185	Vanadium		
		1190	Zinc		
EPA 200.8				10014401	ICP/MS - 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		
		1085	Magnesium		
		1090	Manganese		
		1100	Molybdenum		
		1105	Nickel		
		1125	Potassium		
		1140	Selenium		
		1150	Silver		
		1155	Sodium		
		1165	Thallium		
		1185	Vanadium		
		1190	Zinc		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	EPA 218.6 3.3			10028009	Dissolved Hexavalent Chromium by Ion Chromatography
		1045	Chromium VI		
	EPA 300.0 2.1			10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
		1540	Bromide		
		1575	Chloride		
		1730	Fluoride		
		1810	Nitrate as N		
		1820	Nitrate plus Nitrite as N		
		1835	Nitrite		
		1840	Nitrite as N		
		2000	Sulfate		
	EPA 335.4 1.0			10061402	Methods for the Determination of Inorganic Substances in Environmental Samples
		1510	Amenable cyanide		
		1645	Total cyanide		
	EPA 351.2 2			10065404	Total Kjeldahl Nitrogen - Block Digest, Phenate
		1795	Total Kjeldahl Nitrogen (TKN)		
	EPA 353.2 2			10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium
		1810	Nitrate as N		
		1820	Nitrate plus Nitrite as N		
		1840	Nitrite as N		
	EPA 410.4 2			10077404	Chemical Oxygen Demand - Colorimetric, Automated.
		1565	Chemical oxygen demand		
	EPA 420.1			10079400	Phenolics - Spectrophotometric, manual.
		1905	Total phenolics		
	EPA 6010B			10155609	ICP - AES
		1000	Aluminum		
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		
		1020	Beryllium		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		1023	Bismuth		
		1030	Cadmium		
		1035	Calcium		
		1040	Chromium		
		1050	Cobalt		
		1055	Copper		
		1760	Hardness (calc.)		
		1070	Iron		
		1075	Lead		
		1085	Magnesium		
		1090	Manganese		
		1100	Molybdenum		
		1105	Nickel		
		1910	Phosphorus, total		
		1125	Potassium		
		1140	Selenium		
		1990	Silica as SiO ₂		
		1145	Silicon		
		1150	Silver		
		1155	Sodium		
		1160	Strontium		
		2017	Sulfur		
		1165	Thallium		
		1175	Tin		
		1180	Titanium		
		1185	Vanadium		
		1190	Zinc		
EPA 6020 Update II				10156204	Inductively Coupled Plasma-Mass Spectrometry
		1000	Aluminum		
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		1020	Beryllium		
		1025	Boron		
		1030	Cadmium		
		1035	Calcium		
		1040	Chromium		
		1050	Cobalt		
		1055	Copper		
		1070	Iron		
		1075	Lead		
		1085	Magnesium		
		1090	Manganese		
		1100	Molybdenum		
		1105	Nickel		
		1125	Potassium		
		1140	Selenium		
		1150	Silver		
		1155	Sodium		
		1160	Strontium		
		1165	Thallium		
		1180	Titanium		
		1185	Vanadium		
		1190	Zinc		
EPA 608.3 GC-ECD		10296614	Organochlorine Pesticides and PCBs by GC/ECD		
		7355	4,4'-DDD		
		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)		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		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		
		8250	Toxaphene (Chlorinated camphene)		
EPA 624.1		10298121	Purgeables by GC/MS		
		5105	1,1,1,2-Tetrachloroethane		
		5160	1,1,1-Trichloroethane		
		5110	1,1,2,2-Tetrachloroethane		
		5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		
		5165	1,1,2-Trichloroethane		
		4630	1,1-Dichloroethane		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		4640	1,1-Dichloroethylene		
		4670	1,1-Dichloropropene		
		5150	1,2,3-Trichlorobenzene		
		5180	1,2,3-Trichloropropane		
		5182	1,2,3-Trimethylbenzene		
		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		
		9318	1,3-Butadiene		
		4615	1,3-Dichlorobenzene		
		4660	1,3-Dichloropropane		
		4675	1,3-Dichloropropene		
		4620	1,4-Dichlorobenzene		
		4665	2,2-Dichloropropane		
		4668	2,3-Dichloropropene		
		4410	2-Butanone (Methyl ethyl ketone, MEK)		
		4535	2-Chlorotoluene		
		4860	2-Hexanone (MBK)		
		4540	4-Chlorotoluene		
		4995	4-Methyl-2-pentanone (MIBK)		
		4315	Acetone		
		4325	Acrolein (Propenal)		
		4340	Acrylonitrile		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		4355	Allyl chloride (3-Chloropropene)		
		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		
		4705	cis & trans-1,2-Dichloroethene		
		4645	cis-1,2-Dichloroethylene		
		4680	cis-1,3-Dichloropropene		
		4600	cis-1,4-Dichloro-2-butene		
		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)		
		5005	Naphthalene		
		4435	n-Butylbenzene		
		5090	n-Propylbenzene		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		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)		
		5235	Vinyl chloride		
		5260	Xylene (total)		
EPA 625.1				10300024	Base/Neutrals and Acids by GC/MS
		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		
		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		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
			(4,6-Dinitro-2-methylphenol)		
		6385	2-Methylnaphthalene		
		6400	2-Methylphenol (o-Cresol)		
		6460	2-Nitroaniline		
		6490	2-Nitrophenol		
		6412	3 & 4 Methylphenol		
		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		
		6410	4-Methylphenol (p-Cresol)		
		6470	4-Nitroaniline		
		6500	4-Nitrophenol		
		5500	Acenaphthene		
		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		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		5670	Butyl benzyl phthalate		
		5680	Carbazole		
		5855	Chrysene		
		6065	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)		
		5895	Dibenz(a,h) anthracene		
		6070	Diethyl phthalate		
		6135	Dimethyl phthalate		
		5925	Di-n-butyl phthalate		
		6200	Di-n-octyl phthalate		
		6265	Fluoranthene		
		6270	Fluorene		
		6275	Hexachlorobenzene		
		4835	Hexachlorobutadiene		
		6285	Hexachlorocyclopentadiene		
		4840	Hexachloroethane		
		6315	Indeno(1,2,3-cd) pyrene		
		6320	Isophorone		
		5005	Naphthalene		
		5015	Nitrobenzene		
		6530	n-Nitrosodimethylamine		
		6545	n-Nitrosodi-n-propylamine		
		6535	n-Nitrosodiphenylamine		
		6605	Pentachlorophenol		
		6615	Phenanthrene		
		6625	Phenol		
		6665	Pyrene		
		5095	Pyridine		
EPA 7196A Update I				10162400	Chromium Hexavalent colorimetric
		1045	Chromium VI		
EPA 7199				10163005	Determination of Hexavalent Chromium in Drinking Water,



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
					Groundwater and Industrial Wastewater Effluents by Ion Chromatography
		1045	Chromium VI		
EPA 7470A				10165807	Mercury in Liquid Waste by Cold Vapor Atomic Absorption
		1095	Mercury		
EPA 7471A				10166208	Mercury in Solid Waste by Cold Vapor Atomic Absorption
		1095	Mercury		
EPA 8015B				10173601	Non-halogenated organics using GC/FID
		9369	Diesel range organics (DRO)		
		4747	Ethane		
		4752	Ethene		
		9408	Gasoline range organics (GRO)		
		4926	Methane		
		9499	Motor Oil		
		2050	Total Petroleum Hydrocarbons (TPH)		
EPA 8081A				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		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		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				10179007	Polychlorinated Biphenyls (PCBs) by GC/ECD
		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)		
EPA 8260B				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		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		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		
		4995	4-Methyl-2-pentanone (MIBK)		
		4315	Acetone		
		4325	Acrolein (Propenal)		
		4340	Acrylonitrile		
		4375	Benzene		
		4385	Bromobenzene		
		4390	Bromochloromethane		
		4395	Bromodichloromethane		
		4397	Bromoethane (Ethyl Bromide)		
		4400	Bromoform		
		4450	Carbon disulfide		
		4455	Carbon tetrachloride		
		4475	Chlorobenzene		
		4575	Chlorodibromomethane		
		4485	Chloroethane (Ethyl		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
			chloride)		
		4505	Chloroform		
		4705	cis & trans-1,2-Dichloroethene		
		4645	cis-1,2-Dichloroethylene		
		4680	cis-1,3-Dichloropropene		
		4600	cis-1,4-Dichloro-2-butene		
		4580	Dibromochloropropane		
		4595	Dibromomethane (Methylene bromide)		
		4625	Dichlorodifluoromethane (Freon-12)		
		9375	Di-isopropylether (DIPE)		
		4755	Ethyl acetate		
		4810	Ethyl methacrylate		
		4765	Ethylbenzene		
		4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)		
		9408	Gasoline range organics (GRO)		
		4835	Hexachlorobutadiene		
		4870	Iodomethane (Methyl iodide)		
		4900	Isopropylbenzene (Cumene)		
		5240	m+p-xylene		
		4925	Methacrylonitrile		
		4960	Methyl chloride (Chloromethane)		
		4990	Methyl methacrylate		
		5000	Methyl tert-butyl ether (MTBE)		
		4975	Methylene chloride (Dichloromethane)		
		5005	Naphthalene		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		4435	n-Butylbenzene		
		5090	n-Propylbenzene		
		5250	o-Xylene		
		5035	Pentachloroethane		
		5080	Propionitrile (Ethyl cyanide)		
		4440	sec-Butylbenzene		
		5100	Styrene		
		4370	T-amylmethylether (TAME)		
		4420	tert-Butyl alcohol		
		4445	tert-Butylbenzene		
		5115	Tetrachloroethylene (Perchloroethylene)		
		5120	Tetrahydrofuran (THF)		
		5140	Toluene		
		4027	Total BTEX		
		5205	Total trihalomethanes		
		4700	trans-1,2-Dichloroethylene		
		4685	trans-1,3-Dichloropropylene		
		4605	trans-1,4-Dichloro-2-butene		
		5170	Trichloroethene (Trichloroethylene)		
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)		
		5225	Vinyl acetate		
		5235	Vinyl chloride		
		5260	Xylene (total)		
EPA 8270C				10185805	Semivolatile Organic compounds by GC/MS
		5155	1,2,4-Trichlorobenzene		
		4610	1,2-Dichlorobenzene		
		4615	1,3-Dichlorobenzene		
		4620	1,4-Dichlorobenzene		
		4659	2,2'-Oxybis(1-		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
			chloropropane), bis(2-Chloro-1-methylethyl)ether		
	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		
	6405		3-Methylphenol (m-Cresol)		
	6465		3-Nitroaniline		
	5660		4-Bromophenyl phenyl ether (BDE-3)		
	5700		4-Chloro-3-methylphenol		
	5745		4-Chloroaniline		
	5825		4-Chlorophenyl phenylether		
	6410		4-Methylphenol (p-Cresol)		
	6470		4-Nitroaniline		
	6500		4-Nitrophenol		
	5500		Acenaphthene		
	5505		Acenaphthylene		
	5545		Aniline		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		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)		
		5895	Dibenz(a,h) anthracene		
		5905	Dibenzofuran		
		6070	Diethyl phthalate		
		6135	Dimethyl phthalate		
		5925	Di-n-butyl phthalate		
		6200	Di-n-octyl phthalate		
		6265	Fluoranthene		
		6270	Fluorene		
		6275	Hexachlorobenzene		
		4835	Hexachlorobutadiene		
		6285	Hexachlorocyclopentadiene		
		4840	Hexachloroethane		
		6315	Indeno(1,2,3-cd) pyrene		
		6320	Isophorone		
		5005	Naphthalene		
		5015	Nitrobenzene		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		6530	n-Nitrosodimethylamine		
		6545	n-Nitrosodi-n-propylamine		
		6535	n-Nitrosodiphenylamine		
		6605	Pentachlorophenol		
		6615	Phenanthrene		
		6625	Phenol		
		6665	Pyrene		
		5095	Pyridine		
EPA 9012A				10193405	Total and Amenable Cyanide (automated colorimetric with off-line distillation)
		1510	Amenable cyanide		
		1635	Cyanide		
		1645	Total cyanide		
EPA 9014				10193803	Titrimetric and Manual Spectrophotometric Determinative Methods for Cyanide
		1510	Amenable cyanide		
		1635	Cyanide		
		1645	Total cyanide		
EPA 9040B				10197203	pH Electrometric Measurement
		1900	pH		
EPA 9045C				10198400	Soil and Waste pH
		1900	pH		
EPA 9214				10206403	Potentiometric Determination of Fluoride in Aqueous Samples with Ion-Selective Electrode
		1730	Fluoride		
SM 2130 B-2011				20048220	Turbidity by Nephelometric Method
		2055	Turbidity		
SM 2310 B-2011 online				20044615	Acidity, as CaCO ₃
		1500	Acidity, as CaCO ₃		
SM 2320 B-2011 online				20045618	Alkalinity as CaCO ₃
		1505	Alkalinity as CaCO ₃		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	SM 2340 B-2011 online			20046611	Hardness
		1750	Hardness		
	SM 2510 B-2011			20048617	Conductivity by Probe
		1610	Conductivity		
	SM 2540 B-2011 2011			20049416	Total Solids Dried at 103 - 105C
		1950	Residue-total		
	SM 2540 C-2011 online			20050413	Residue-filterable (TDS)
		1955	Residue-filterable (TDS)		
	SM 2540 D-2011			20051212	Total Suspended Solids Dried at 103 - 105 C
		1960	Residue-nonfilterable (TSS)		
	SM 2540 E-2011 2011			20051596	Fixed & Volatile Solids Ignited at 550 C
		1725	Total, fixed, and volatile residue		
	SM 2540 F-2011			20052215	Settleable Solids
		1965	Residue-settleable		
	SM 4500-Cl G- 2011 22nd ED			20081623	Chlorine (Residual) by DPD Colorimetric Method
		1945	Residual free chlorine		
		1940	Total residual chlorine		
	SM 4500-CN E- 2011 2011			20096428	Cyanide by Colormetric Method
		1645	Total cyanide		
	SM 4500-CN ⁻ G- 2011			20097227	Cyanides Amenable to Chlorination after Distillation
		1510	Amenable cyanide		
	SM 4500-F ⁻ C- 2011 online			20102414	Fluoride by Ion Selective Electrode
		1730	Fluoride		
	SM 4500-H ⁺ B- 2011			20105220	pH - Electrometric Measurement



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		1900	pH		
	SM 4500-NO ₃ ⁻ F-2011			20117628	Nitrogen (Nitrate) - Automated Cadmium Reduction Method
		1810	Nitrate as N		
		1820	Nitrate plus Nitrite as N		
		1840	Nitrite as N		
	SM 4500-O G-2011 22nd ED			20121668	Dissolved Oxygen by Membrane Electrode
		1880	Oxygen, dissolved		
	SM 4500-P E-97 online			20124203	Phosphorus by Ascorbic Acid Method
		1870	Orthophosphate as P		
		1910	Phosphorus, total		
	SM 4500-S ₂ ⁻ D-2011 online			20125864	Sulfide by Methylene Blue Method
		2005	Sulfide		
	SM 4500-SiO ₂ C-2011 online			20128614	Silica - Dissolved
		1995	Silica-dissolved		
	SM 5210 B-2011 online			20135266	Biochemical Oxygen Demand (5 days @ 20 C).
		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 B-2011 2011			20137820	TOC by High-Temperature Combustion Method
		2040	Total organic carbon		
	SM 9221 B (LTB) + C MPN 22nd			20187228	Multiple Tube Fermentation Quantitative (LTB): Total Coliform
		2500	Total coliforms		
	SM 9221 B (LTB) + E (EC) + C MPN			20189020	Multiple Tube Fermentation Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	22nd				
		2530	Fecal coliforms		
	SM 9221 B plus F plus C-2006 2006			20190823	Multiple-Tube Fermentation Technique for Members of the Coliform Group - Standard Total Coliform Fermentation Technique
		2525	Escherichia coli		
	SM 9223 B (Colilert Quanti-Tray)-2004 22nd Ed			20211614	Enzyme Substrate Coliform Test (Colilert Quanti-Tray)
		2525	Escherichia coli		
		2500	Total coliforms		
	SM 9223 B (Colilert-18 Quanti-Tray)-2004 22nd ED			20213610	Enzyme Substrate Coliform Test (Colilert-18 Quanti-Tray)
		2525	Escherichia coli		
	SM 9230 B (BEA) 22nd ED			20037712	Fecal Streptococcus and Enterococcus Groups - Multiple Tube Technique
		2540	Fecal streptococci		
	SM 9230 D Enterolert			20219709	Fluorogenic Quantitative (Enterolert): Enterococci
		2520	Enterococci		

Solids

	CA Title 22 WET			90017235	CA Waste Extraction Test (WET)
		1407	California Waste Extraction Test		
	EPA 1010			10116606	Pensky-Martens Closed-Cup Method for Determining Ignitability
		1780	Ignitability		
	EPA 1030			10117201	Ignitability of Solids
		1780	Ignitability		
	EPA 1311			10118806	Toxicity Characteristic Leaching Procedure
		1466	Toxicity Characteristic Leaching Procedure (TCLP)		
	EPA 1312			10119003	Synthetic Precipitation Leaching Procedure



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		1460	Synthetic Precipitation Leaching Procedure (SPLP)		
EPA 300.0 2.1				10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
		1540	Bromide		
		1575	Chloride		
		1730	Fluoride		
		1810	Nitrate as N		
		1820	Nitrate plus Nitrite as N		
		1835	Nitrite		
		1840	Nitrite as N		
		2000	Sulfate		
EPA 6010B				10155609	ICP - AES
		1000	Aluminum		
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		
		1020	Beryllium		
		1023	Bismuth		
		1025	Boron		
		1030	Cadmium		
		1035	Calcium		
		1040	Chromium		
		1050	Cobalt		
		1055	Copper		
		1760	Hardness (calc.)		
		1070	Iron		
		1075	Lead		
		1085	Magnesium		
		1090	Manganese		
		1100	Molybdenum		
		1105	Nickel		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		1910	Phosphorus, total		
		1125	Potassium		
		1140	Selenium		
		1990	Silica as SiO ₂		
		1145	Silicon		
		1150	Silver		
		1155	Sodium		
		1160	Strontium		
		2017	Sulfur		
		1165	Thallium		
		1175	Tin		
		1180	Titanium		
		1185	Vanadium		
		1190	Zinc		
EPA 6020 Update II				10156204	Inductively Coupled Plasma-Mass Spectrometry
		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		
		1085	Magnesium		
		1090	Manganese		
		1100	Molybdenum		
		1105	Nickel		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		1910	Phosphorus, total		
		1125	Potassium		
		1140	Selenium		
		1150	Silver		
		1155	Sodium		
		1160	Strontium		
		1165	Thallium		
		1180	Titanium		
		1185	Vanadium		
		1190	Zinc		
EPA 6020B Update V				10156420	Inductively Coupled Plasma-Mass Spectrometry
		1095	Mercury		
EPA 7196A Update I				10162400	Chromium Hexavalent colorimetric
		1045	Chromium VI		
EPA 7199				10163005	Determination of Hexavalent Chromium in Drinking Water, Groundwater and Industrial Wastewater Effluents by Ion Chromatography
		1045	Chromium VI		
EPA 7470A				10165807	Mercury in Liquid Waste by Cold Vapor Atomic Absorption
		1095	Mercury		
EPA 7471A				10166208	Mercury in Solid Waste by Cold Vapor Atomic Absorption
		1095	Mercury		
EPA 8015B				10173601	Non-halogenated organics using GC/FID
		9369	Diesel range organics (DRO)		
		4747	Ethane		
		4752	Ethene		
		9408	Gasoline range organics (GRO)		
		4926	Methane		
		9499	Motor Oil		
		2050	Total Petroleum		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
			Hydrocarbons (TPH)		
	EPA 8081A			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			10179007	Polychlorinated Biphenyls (PCBs) by GC/ECD
		8880	Aroclor-1016 (PCB-1016)		
		8885	Aroclor-1221 (PCB-1221)		
		8890	Aroclor-1232 (PCB-1232)		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		8895	Aroclor-1242 (PCB-1242)		
		8900	Aroclor-1248 (PCB-1248)		
		8905	Aroclor-1254 (PCB-1254)		
		8910	Aroclor-1260 (PCB-1260)		
EPA 8260B				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		
		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		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		4995	4-Methyl-2-pentanone (MIBK)		
		4315	Acetone		
		4325	Acrolein (Propenal)		
		4340	Acrylonitrile		
		4375	Benzene		
		4385	Bromobenzene		
		4390	Bromochloromethane		
		4395	Bromodichloromethane		
		4397	Bromoethane (Ethyl Bromide)		
		4400	Bromoform		
		4450	Carbon disulfide		
		4455	Carbon tetrachloride		
		4475	Chlorobenzene		
		4575	Chlorodibromomethane		
		4485	Chloroethane (Ethyl chloride)		
		4505	Chloroform		
		4705	cis & trans-1,2-Dichloroethene		
		4645	cis-1,2-Dichloroethylene		
		4680	cis-1,3-Dichloropropene		
		4600	cis-1,4-Dichloro-2-butene		
		4580	Dibromochloropropane		
		4595	Dibromomethane (Methylene bromide)		
		4625	Dichlorodifluoromethane (Freon-12)		
		9375	Di-isopropylether (DIPE)		
		4755	Ethyl acetate		
		4810	Ethyl methacrylate		
		4765	Ethylbenzene		
		4770	Ethyl-t-butylether (ETBE)		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
			(2-Ethoxy-2-methylpropane)		
	9408		Gasoline range organics (GRO)		
	4835		Hexachlorobutadiene		
	4870		Iodomethane (Methyl iodide)		
	4900		Isopropylbenzene (Cumene)		
	5240		m+p-xylene		
	4925		Methacrylonitrile		
	4960		Methyl chloride (Chloromethane)		
	4990		Methyl methacrylate		
	5000		Methyl tert-butyl ether (MTBE)		
	4975		Methylene chloride (Dichloromethane)		
	5005		Naphthalene		
	4435		n-Butylbenzene		
	5090		n-Propylbenzene		
	5250		o-Xylene		
	5035		Pentachloroethane		
	5080		Propionitrile (Ethyl cyanide)		
	4440		sec-Butylbenzene		
	5100		Styrene		
	4370		T-amylmethylether (TAME)		
	4420		tert-Butyl alcohol		
	4445		tert-Butylbenzene		
	5115		Tetrachloroethylene (Perchloroethylene)		
	5120		Tetrahydrofuran (THF)		
	5140		Toluene		
	4027		Total BTEX		
	5205		Total trihalomethanes		



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		4700	trans-1,2-Dichloroethylene		
		4685	trans-1,3-Dichloropropylene		
		4605	trans-1,4-Dichloro-2-butene		
		5170	Trichloroethene (Trichloroethylene)		
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)		
		5225	Vinyl acetate		
		5235	Vinyl chloride		
		5260	Xylene (total)		
EPA 8270C				10185805	Semivolatile Organic compounds by GC/MS
		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		
		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)		
		6005	2,6-Dichlorophenol		
		6190	2,6-Dinitrotoluene (2,6-DNT)		
		5795	2-Chloronaphthalene		
		5800	2-Chlorophenol		
		6360	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		6385	2-Methylnaphthalene		
		6400	2-Methylphenol (o-Cresol)		
		6460	2-Nitroaniline		
		6490	2-Nitrophenol		
		5945	3,3'-Dichlorobenzidine		
		6405	3-Methylphenol (m-Cresol)		
		6465	3-Nitroaniline		
		5660	4-Bromophenyl phenyl ether (BDE-3)		
		5700	4-Chloro-3-methylphenol		
		5745	4-Chloroaniline		
		5825	4-Chlorophenyl phenylether		
		6410	4-Methylphenol (p-Cresol)		
		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		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
			(bis(2-Ethylhexyl)phthalate, DEHP)		
		5895	Dibenz(a,h) anthracene		
		5905	Dibenzofuran		
		6070	Diethyl phthalate		
		6135	Dimethyl phthalate		
		5925	Di-n-butyl phthalate		
		6200	Di-n-octyl phthalate		
		6265	Fluoranthene		
		6270	Fluorene		
		6275	Hexachlorobenzene		
		4835	Hexachlorobutadiene		
		6285	Hexachlorocyclopentadiene		
		4840	Hexachloroethane		
		6315	Indeno(1,2,3-cd) pyrene		
		6320	Isophorone		
		5005	Naphthalene		
		5015	Nitrobenzene		
		6530	n-Nitrosodimethylamine		
		6545	n-Nitrosodi-n-propylamine		
		6535	n-Nitrosodiphenylamine		
		6605	Pentachlorophenol		
		6615	Phenanthrene		
		6625	Phenol		
		6665	Pyrene		
		5095	Pyridine		
EPA 9012A				10193405	Total and Amenable Cyanide (automated colorimetric with off-line distillation)
		1510	Amenable cyanide		
		1635	Cyanide		
		1645	Total cyanide		
EPA 9014				10193803	Titrimetric and Manual Spectrophotometric Determinative Methods for Cyanide



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Enthalpy Analytical, LLC - Orange

931 W. Barkely Ave
Orange, CA 92868

ORELAP ID: 4038

EPA CODE: CA00054

Certificate: 4038 - 014

Issue Date: 1/30/2023 Expiration Date: 1/29/2024

As of 1/30/2023 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		1510	Amenable cyanide		
		1635	Cyanide		
		1645	Total cyanide		
EPA 9040B				10197203	pH Electrometric Measurement
		1900	pH		
EPA 9045C				10198400	Soil and Waste pH
		1900	pH		
EPA 9214				10206403	Potentiometric Determination of Fluoride in Aqueous Samples with Ion-Selective Electrode
		1730	Fluoride		