



OREGON

Environmental Laboratory Accreditation Program



Enthalpy Analytical, Inc.

NELAP Recognized

4038

931 W. Barkley Ave.,

Orange, CA 92868

IS GRANTED APPROVAL BY ORELAP UNDER THE 2009 TNI STANDARDS, TO PERFORM ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW :

<i>Air</i>	<i>Drinking Water</i>	<i>Non Potable Water</i>	<i>Solids and Chem. Waste</i>	<i>Tissue</i>
Chemistry		Chemistry	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.

Scott C. Hoatson
Oregon State Public Health Laboratory
Interim ORELAP Program Manager
3150 NW. 229th Ave, Suite 100
Hillsboro, OR 97124



EFFECTIVE DATE : 01/30/2017

EXPIRATION DATE : 01/29/2018

Certificate No : 4038 - 005



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Environmental Laboratory Accreditation Program



ORELAP Fields of Accreditation

ORELAP ID: 4038

Enthalpy Analytical, Inc.

EPA CODE: CA00054

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Orange, CA 92868

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MATRIX	Reference	Code	Analyte	Code	Description
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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 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			



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Air	EPA TO-15		
	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-Propanol, Isopropanol)	
	5240	m+p-xylene	
	4950	Methyl bromide (Bromomethane)	
	4960	Methyl chloride (Chloromethane)	
	5000	Methyl tert-butyl ether (MTBE)	
	4975	Methylene chloride (Dichloromethane)	
	5245	m-Xylene	
	5005	Naphthalene	
	4825	n-Heptane	
	4855	n-Hexane	
	5250	o-Xylene	
	5255	p-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		10249000 Cryogenic Trapping
	4747	Ethane	
	9408	Gasoline range organics (GRO)	



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Air	EPA TO-3	4926 Methane	
		5007 n-Butane	
		4855 n-Hexane	
		5028 n-Pentane	
		5029 n-Propane	
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 1311		10118806 Toxicity Characteristic Leaching Procedure
		8031 Extraction/Preparation	
	EPA 1312		10119003 Synthetic Precipitation Leaching Procedure
		8031 Extraction/Preparation	
	EPA 300.0		10053006 Ion chromatography - anions.
		1540 Bromide	
		1575 Chloride	
		1730 Fluoride	
		1810 Nitrate as N	
		1820 Nitrate-nitrite	
		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		
	1080 Lithium		



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Non-Potable Water

EPA 6010B	1085	Magnesium
	1090	Manganese
	1100	Molybdenum
	1105	Nickel
	1910	Phosphorus, total
	1125	Potassium
	1140	Selenium
	1990	Silica as SiO2
	1145	Silicon
	1150	Silver
	1155	Sodium
	1160	Strontium
	2017	Sulfur
	1165	Thallium
	1175	Tin
	1180	Titanium
	1185	Vanadium
	1190	Zinc

EPA 6020 10156000 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
1080	Lithium
1085	Magnesium
1090	Manganese
1100	Molybdenum
1105	Nickel
1910	Phosphorus, total
1125	Potassium
1140	Selenium
1150	Silver
1155	Sodium
1160	Strontium



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Non-Potable Water

EPA 6020	1165	Thallium	
	1175	Tin	
	1180	Titanium	
	1185	Vanadium	
	1190	Zinc	
EPA 7196A	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	
	4750	Ethanol	
	4752	Ethene	
	9408	Gasoline range organics (GRO)	
	4926	Methane	
	4930	Methanol	
	9499	Motor Oil	
	2050	Total Petroleum Hydrocarbons (TPH)	
EPA 8021B	10174808	Aromatic and Halogenated Volatiles by GC with PID and/or ECD Purge & Trap	
	4375	Benzene	
	4765	Ethylbenzene	
	5240	m+p-xylene	
	5000	Methyl tert-butyl ether (MTBE)	
	5245	m-Xylene	
	5250	o-Xylene	
	5255	p-Xylene	
	5140	Toluene	
	5260	Xylene (total)	
EPA 8081A	10178606	Organochlorine Pesticides by GC/ECD	
	7355	4,4'-DDD	
	7360	4,4'-DDE	
	7365	4,4'-DDT	
	7025	Aldrin	



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EPA 8081A	7110	alpha-BHC (alpha-Hexachlorocyclohexane)	
	7115	beta-BHC (beta-Hexachlorocyclohexane)	
	7250	Chlordane (tech.)	
	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)	
	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 8141A	10182000	Organophosphorous Pesticides by GC/NPD	
	7075	Azinphos-methyl (Guthion)	
	7300	Chlorpyrifos	
	7395	Demeton-o	
	7385	Demeton-s	
	7410	Diazinon	
	8610	Dichlorovos (DDVP, Dichlorvos)	
	8625	Disulfoton	
	7570	Ethoprop	
	7605	Fenthion	
	7770	Malathion	
	7825	Methyl parathion (Parathion, methyl)	
	7905	Naled	
	7955	Parathion, ethyl	
	7985	Phorate	
	8110	Ronnel	



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EPA 8141A	8200	Tetrachlorvinphos (Stirophos, Gardona) Z-isomer	
EPA 8151A			10183207 Chlorinated Herbicides by GC/ECD
	8655	2,4,5-T	
	8545	2,4-D	
	8560	2,4-DB	
	8555	Dalapon	
	8595	Dicamba	
	8605	Dichloroprop (Dichlorprop)	
	8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	
	7775	MCPA	
	7780	MCPP	
	8650	Silvex (2,4,5-TP)	
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	
	4735	1,4-Dioxane (1,4- Diethyleneoxide)	
	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)	



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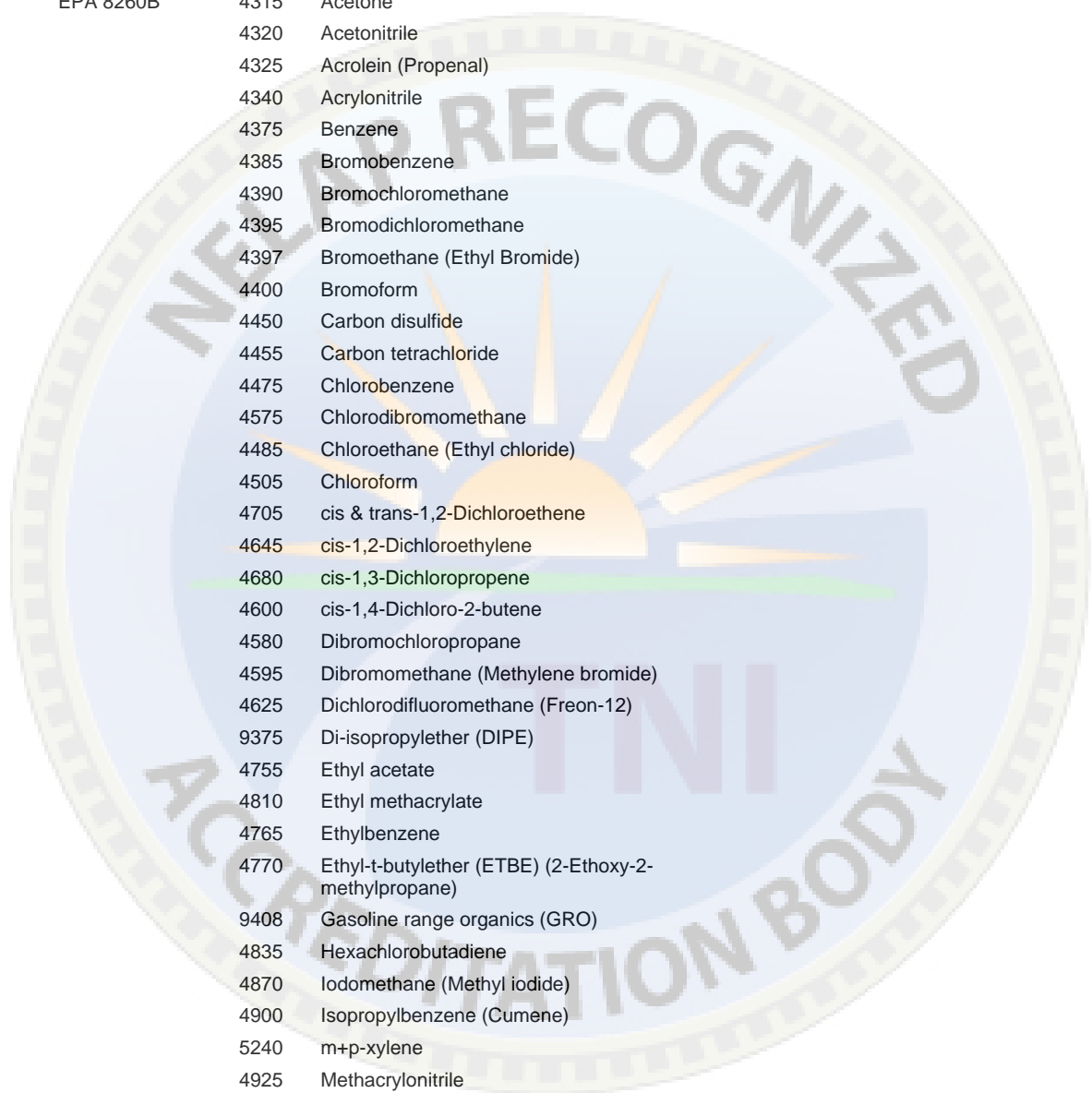
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Non-Potable Water

EPA 8260B

- 4315 Acetone
- 4320 Acetonitrile
- 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) (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)
- 5245 m-Xylene
- 5005 Naphthalene
- 4435 n-Butylbenzene
- 5090 n-Propylbenzene
- 5250 o-Xylene





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EPA 8260B	5035	Pentachloroethane
	5080	Propionitrile (Ethyl cyanide)
	5255	p-Xylene
	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
	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



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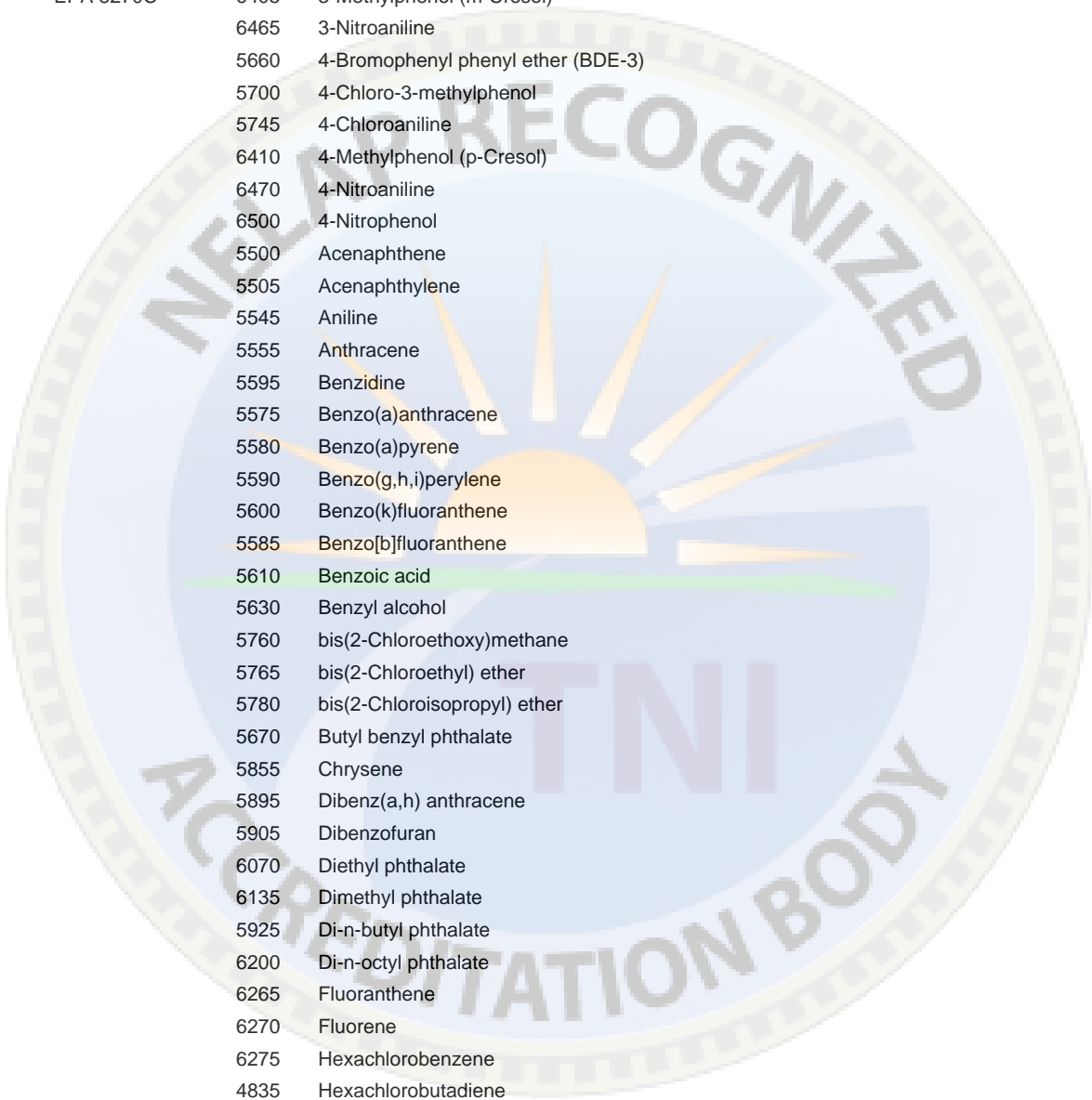
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Non-Potable Water

EPA 8270C

- 6405 3-Methylphenol (m-Cresol)
- 6465 3-Nitroaniline
- 5660 4-Bromophenyl phenyl ether (BDE-3)
- 5700 4-Chloro-3-methylphenol
- 5745 4-Chloroaniline
- 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
- 5780 bis(2-Chloroisopropyl) ether
- 5670 Butyl benzyl phthalate
- 5855 Chrysene
- 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





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EPA 8270C	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 9034			10196006 Titrimetric Procedure for Acid-Soluble and Acid-Insoluble Sulfides
	2005	Sulfide	
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	
EPA SW-846 Chapter 7.3			10245702 Characteristic Determination - Reactivity
	1923	Reactive Cyanide	
	1925	Reactive sulfide	

Solids

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
	8031	Extraction/Preparation	
EPA 1312			10119003 Synthetic Precipitation Leaching Procedure
	8031	Extraction/Preparation	



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Solids

EPA 300.0

10053006

Ion chromatography - anions.

- 1540 Bromide
- 1575 Chloride
- 1730 Fluoride
- 1810 Nitrate as N
- 1820 Nitrate-nitrite
- 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
- 1080 Lithium
- 1085 Magnesium
- 1090 Manganese
- 1100 Molybdenum
- 1105 Nickel
- 1910 Phosphorus, total
- 1125 Potassium
- 1140 Selenium
- 1990 Silica as SiO2
- 1145 Silicon
- 1150 Silver
- 1155 Sodium
- 1160 Strontium
- 2017 Sulfur
- 1165 Thallium
- 1175 Tin
- 1180 Titanium
- 1185 Vanadium



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Solids

EPA 6010B	1190	Zinc	
EPA 6020	10156000		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	
	1080	Lithium	
	1085	Magnesium	
	1090	Manganese	
	1100	Molybdenum	
	1105	Nickel	
	1910	Phosphorus, total	
	1125	Potassium	
	1140	Selenium	
	1150	Silver	
	1155	Sodium	
	1160	Strontium	
	1165	Thallium	
	1175	Tin	
	1180	Titanium	
	1185	Vanadium	
	1190	Zinc	
EPA 7196A	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	



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Field	EPA Code	Method	Parameter
Solids	EPA 7471A	10166208	Mercury in Solid Waste by Cold Vapor Atomic Absorption
		1095	Mercury
Solids	EPA 8015B	10173601	Non-halogenated organics using GC/FID
		9369	Diesel range organics (DRO)
		4747	Ethane
		4750	Ethanol
		4752	Ethene
		9408	Gasoline range organics (GRO)
		4926	Methane
		4930	Methanol
		9499	Motor Oil
		2050	Total Petroleum Hydrocarbons (TPH)
	Solids	EPA 8021B	10174808
		4375	Benzene
		4765	Ethylbenzene
		5240	m+p-xylene
		5000	Methyl tert-butyl ether (MTBE)
		5245	m-Xylene
		5250	o-Xylene
		5255	p-Xylene
		5140	Toluene
		5260	Xylene (total)
Solids	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.)
		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)	



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Field	EPA Code	Method	Substance
Solids	EPA 8081A	7685	Heptachlor
		7690	Heptachlor epoxide
		7810	Methoxychlor
		8250	Toxaphene (Chlorinated camphene)
		EPA 8082	10179007
	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 8141A	10182000	Organophosphorous Pesticides by GC/NPD
		7075	Azinphos-methyl (Guthion)
		7300	Chlorpyrifos
		7395	Demeton-o
		7385	Demeton-s
		7410	Diazinon
		8610	Dichlorovos (DDVP, Dichlorvos)
		8625	Disulfoton
		7570	Ethoprop
		7605	Fenthion
		7770	Malathion
		7825	Methyl parathion (Parathion, methyl)
		7905	Naled
		7955	Parathion, ethyl
		7985	Phorate
		8110	Ronnel
		8200	Tetrachlorvinphos (Stirophos, Gardona) Z-isomer
	EPA 8151A	10183207	Chlorinated Herbicides by GC/ECD
		8655	2,4,5-T
		8545	2,4-D
		8560	2,4-DB
		8555	Dalapon
		8595	Dicamba
		8605	Dichloroprop (Dichlorprop)
		8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)
		7775	MCPA
		7780	MCPP
		8650	Silvex (2,4,5-TP)



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Solids

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
- 4735 1,4-Dioxane (1,4- Diethyleneoxide)
- 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
- 4320 Acetonitrile
- 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



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Solids	EPA 8260B	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) (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)
		5245	m-Xylene
		5005	Naphthalene
		4435	n-Butylbenzene
		5090	n-Propylbenzene
		5250	o-Xylene
		5035	Pentachloroethane
		5080	Propionitrile (Ethyl cyanide)
		5255	p-Xylene
		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



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Method	Parameter	Method	Parameter
Solids	EPA 8260B	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	
	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	
	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	



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Solids

EPA 8270C

- 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
- 5780 bis(2-Chloroisopropyl) ether
- 5670 Butyl benzyl phthalate
- 5855 Chrysene
- 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

- 1510 Amenable cyanide

Solids

EPA 9014	1635	Cyanide	10196006	Titrimetric Procedure for Acid-Soluble and Acid-Insoluble Sulfides
	1645	Total cyanide		
EPA 9034	2005	Sulfide	10197203	pH Electrometric Measurement
	1900	pH		
EPA 9040B	1900	pH	10198400	Soil and Waste pH
	1900	pH		
EPA 9045C	1900	pH	10206403	Potentiometric Determination of Fluoride in Aqueous Samples with Ion-Selective Electrode
	1730	Fluoride		
EPA 9214	1730	Fluoride	10245702	Characteristic Determination - Reactivity
	1923	Reactive Cyanide		
	1925	Reactive sulfide		
EPA SW-846 Chapter 7.3	1923	Reactive Cyanide	10245702	Characteristic Determination - Reactivity
	1925	Reactive sulfide		

