



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc.
has assessed the Organization of:

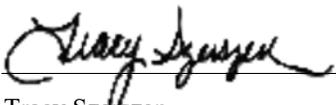
Analytical Resources, LLC
4611 South 134th Place, Suite 100, Tukwila, WA 98168

(Hereinafter called the Organization) and hereby declares that Organization has met the requirements of ISO/IEC 17025:2017 General Requirements for the competence of Testing and Calibration Laboratories and the United States Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP) requirements identified within the DoD/DOE Quality Systems Manual (DoD/DOE QSM) Version 5.4 October 2021 and is accredited in accordance with the:

**United States Department of Defense
Environmental Laboratory Accreditation Program
(DoD-ELAP)**

Environmental Testing
(As detailed in the supplement)

Accreditation claims for such activities shall only be made from the addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation Body's duty to observe and comply with the said rules.

For PJLA	<i>Initial Accreditation Date:</i> October 10, 2010	<i>Issue Date:</i> December 20, 2024	<i>Expiration Date:</i> January 31, 2027
 Tracy Szorszen President		<i>Revision Date:</i> February 04, 2026	
	<i>Accreditation No.:</i> 66169	<i>Certificate No.:</i> L24-995-R1	

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjllabs.com



Certificate of Accreditation: Supplement

Analytical Resources, LLC

4611 South 134th Place, Suite 100, Tukwila, WA 98168

Contact Name: Bob Congleton Phone: 206-695-6205

Accreditation is granted to the facility to perform the following testing:

Code

General Chemistry		
EPA 180.1 by Nephelometry		10011800
Aqueous		
Turbidity		2055
EPA 353.2 by Colorimetry		10067604
Aqueous		
Nitrate (as N)		1810
Nitrate + Nitrite (as N)		1820
Nitrite (as N)		1840
EPA 410.4 by Spectrophotometry		10077404
Aqueous		
Chemical Oxygen Demand (COD)		1565
EPA 7196A by Colorimetry		10162400
Aqueous		
Hexavalent Chromium (Cr VI)		1045
Solid		
Hexavalent Chromium (Cr VI)		1045
EPA 9040C by Electrometric		10244403
Aqueous		
pH		1900
EPA 9045D by Electrometric		10198455
Solid		
pH		1900
EPA 9060A by TOC Analyzer		10244823
Aqueous		
Total Organic Carbon (TOC)		2040
Plumb 1981 by TOC Analyzer		60006259
Solid		
Total Organic Carbon (TOC)		2040
SM 2130B-01 by Nephelometry		20048220
Aqueous		
Turbidity		2055
SM 2320B (1997) by Titrimetry		20045618
Aqueous		
Alkalinity (as CaCO ₃)		1505



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Accreditation is granted to the facility to perform the following testing:

	Code
General Chemistry	
SM 2540B (1997) by Gravimetry	20049416
Aqueous	
Solids (Total, TS, Residue)	1950
SM 2540C (97) by Gravimetry	20050413
Aqueous	
Solids (Total Dissolved, TDS, Residue, Filterable)	1955
SM 2540D (1997) by Gravimetry	20051212
Aqueous	
Solids (Total Suspended, TSS, Non-Filterable Residue)	1960
SM 2540E (1997) by Gravimetry	20051610
Aqueous	
Solids (Total Volatile, TVS)	1970
SM 2540F (1997) by Gravimetry	20052215
Aqueous	
Solids (Settleable)	1965
SM 2540G (1997) by Gravimetry	20005270
Aqueous	
Solids (Total Volatile, TVS)	1970
Solid	
Solids (Total Volatile, TVS)	1970
SM 4500 CL G (1997) by Colorimetry	20087325
Aqueous	
Chloride	1575
SM 4500 CN E by Colorimetry	20096428
Aqueous	
Cyanide (Total)	1635
SM 4500 F C (1997) by Ion Selective Electrode (ISE)	20102414
Aqueous	
Fluoride	1730
SM 4500 NH3 D (1997) by Colorimetry	20109415
Aqueous	
Ammonia (as N)	1515
SM 4500 NO3 I-00 by Colorimetry	20118574
Aqueous	
Nitrate (as N)	1810
Nitrate + Nitrite (as N)	1820



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	Code
General Chemistry	
SM 4500 NO3 I-00 by Colorimetry	20118574
Aqueous	
Nitrite (as N)	1840
SM 4500 Norg D (1997) by Colorimetry	20120289
Aqueous	
Total Kjeldahl Nitrogen (TKN)	1795
Solid	
Total Kjeldahl Nitrogen (TKN)	1795
SM 4500 S2 D (2011) by Colorimetry	20125864
Aqueous	
Sulfide	2005
Solid	
Sulfide	2005
SM 4500 SO4 G (1997) by Colorimetry	20134412
Aqueous	
Sulfate	2000
SM 5220D (1997) by Spectrophotometry	20136816
Aqueous	
Chemical Oxygen Demand (COD)	1565
Inorganic	
EPA 200.7 by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)	10014003
Aqueous	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Boron	1025
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090



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Code

Inorganic

EPA 200.7 by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)	10014003
Aqueous	
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Silica (as SiO ₂)	1990
Silver	1150
Sodium	1155
Strontium	1160
Thallium	1165
Tin	1175
Titanium	1180
Vanadium	1185
Zinc	1190
EPA 200.8 by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)	10014809
Aqueous	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Silver	1150
Sodium	1155
Thallium	1165



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	Code
Inorganic	
EPA 200.8 by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)	10014809
Aqueous	
Vanadium	1185
Zinc	1190
EPA 245.1 by Cold Vapor Atomic Absorption Spectrophotometry (CVAAS)	10036609
Aqueous	
Mercury	1095
EPA 300.0 by Ion Chromatography (IC)	10053200
Aqueous	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrite (as N)	1840
Sulfate	2000
EPA 6010D by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)	10155916
Aqueous	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Boron	1025
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Silica (as SiO ₂)	1990



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Code

Inorganic

EPA 6010D by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES) 10155916

Aqueous

Silver	1150
Sodium	1155
Strontium	1160
Thallium	1165
Tin	1175
Titanium	1180
Vanadium	1185
Zinc	1190

Solid

Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Boron	1025
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Silver	1150
Sodium	1155
Strontium	1160
Thallium	1165
Tin	1175
Titanium	1180
Vanadium	1185
Zinc	1190



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Inorganic

EPA 6020B by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)

10156420

Aqueous

Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Silver	1150
Sodium	1155
Thallium	1165
Vanadium	1185
Zinc	1190

Solid

Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075



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Code

Inorganic

EPA 6020B by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)	10156420
Solid	
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Sodium	1155
Thallium	1165
Vanadium	1185
Zinc	1190
EPA 7470A by Cold Vapor Atomic Absorption Spectrophotometry (CVAAS)	10165807
Aqueous	
Mercury	1095
EPA 7471B by Cold Vapor Atomic Absorption Spectrophotometry (CVAAS)	10166402
Solid	
Mercury	1095
EPA 9056A by Ion Chromatography (IC)	10199607
Aqueous	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrite (as N)	1840
Phosphate	1870
Sulfate	2000
SM 4110 B00, 4100 by Ion Chromatography (IC)	20076919
Aqueous	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrite (as N)	1840
Phosphate	1870
Sulfate	2000



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	Code
Organic	
AK-101 (GRO) by Gas Chromatography Mass Spectrometry (GC/MS)	90015159
Aqueous	
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
Solid	
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
AK-102 (DRO) by Gas Chromatography Flame Ionization Detection (GC/FID)	90015206
Aqueous	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
Solid	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
AK-103 (RRO) by Gas Chromatography Flame Ionization Detection (GC/FID)	90015400
Aqueous	
Residual Range Organics (RRO)	9506
Solid	
Residual Range Organics (RRO)	9506
EPA 1613B by High Resolution Gas Chromatography / Mass Spectrometry (HRGC/HRMS)	10120602
Aqueous	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (1,2,3,4,6,7,8,9-OCDF)	9516
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-Dioxin (OCDD)	9519
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-Hpcdf)	9420
1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin (1,2,3,4,6,7,8-Hpcdd)	9426
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-Hpcdf)	9423
1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	9471
1,2,3,4,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,4,7,8-Hxcdd)	9453
1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	9474
1,2,3,6,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,6,7,8-Hxcdd)	9456
1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	9477
1,2,3,7,8,9-Hexachlorodibenzo-p-Dioxin (1,2,3,7,8,9-Hxcdd)	9459
1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	9543
1,2,3,7,8-Pentachlorodibenzo-p-Dioxin (1,2,3,7,8-Pecdd)	9540
2,3,4,6,7,8-Hexachlorodibenzofuran (2,3,4,6,7,8-HxCDF)	9480
2,3,4,7,8-Pentachlorodibenzofuran (2,3,4,7,8-PeCDF)	9549
2,3,7,8-Tetrachlorodibenzofuran (2,3,7,8-TCDF)	9612
2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD)	9618
Total Heptachlorodibenzofuran (Total HPCDF)	9444
Total Heptachlorodibenzo-p-Dioxin (Total HPCDD)	9438
Total Hexachlorodibenzofuran (Total HXCDF)	9483
Total Hexachlorodibenzo-p-Dioxin (Total HXCDD)	9468



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Organic

EPA 1613B by High Resolution Gas Chromatography / Mass Spectrometry (HRGC/HRMS) 10120602

Aqueous

Total Pentachlorodibenzofuran (Total PECDF) 9552

Total Pentachlorodibenzo-p-Dioxin (Total PECDD) 9555

Total Tetrachlorodibenzofuran (Total TCDF) 9615

Total Tetrachlorodibenzo-p-Dioxin (Total TCDD) 9609

Solid

1,2,3,4,6,7,8,9-Octachlorodibenzofuran (1,2,3,4,6,7,8,9-OCDF) 9516

1,2,3,4,6,7,8,9-Octachlorodibenzo-p-Dioxin (OCDD) 9519

1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-Hpcdf) 9420

1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin (1,2,3,4,6,7,8-Hpcdd) 9426

1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-Hpcdf) 9423

1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf) 9471

1,2,3,4,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,4,7,8-Hxcd) 9453

1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf) 9474

1,2,3,6,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,6,7,8-Hxcd) 9456

1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf) 9477

1,2,3,7,8,9-Hexachlorodibenzo-p-Dioxin (1,2,3,7,8,9-Hxcd) 9459

1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf) 9543

1,2,3,7,8-Pentachlorodibenzo-p-Dioxin (1,2,3,7,8-Pecdd) 9540

2,3,4,6,7,8-Hexachlorodibenzofuran (2,3,4,6,7,8-HxCDF) 9480

2,3,4,7,8-Pentachlorodibenzofuran (2,3,4,7,8-PeCDF) 9549

2,3,7,8-Tetrachlorodibenzofuran (2,3,7,8-TCDF) 9612

2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD) 9618

Total Heptachlorodibenzofuran (Total HPCDF) 9444

Total Heptachlorodibenzo-p-Dioxin (Total HPCDD) 9438

Total Hexachlorodibenzofuran (Total HXCDF) 9483

Total Hexachlorodibenzo-p-Dioxin (Total HXCDD) 9468

Total Pentachlorodibenzofuran (Total PECDF) 9552

Total Pentachlorodibenzo-p-Dioxin (Total PECDD) 9555

Total Tetrachlorodibenzofuran (Total TCDF) 9615

Total Tetrachlorodibenzo-p-Dioxin (Total TCDD) 9609

EPA 608.3 by Gas Chromatography Electron Capture Detector (GC/ECD) 10296614

Aqueous

4,4'-DDD 7355

4,4'-DDE 7360

4,4'-DDT 7365

Aldrin 7025



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EPA 608.3 by Gas Chromatography Electron Capture Detector (GC/ECD) 10296614

Aqueous

alpha-BHC (a-BHC, alpha-Hexachlorocyclohexane) 7110

alpha-Chlordane (cis-Chlordane) 7240

Aroclor 1016 8880

Aroclor 1221 8885

Aroclor 1232 8890

Aroclor 1242 8895

Aroclor 1248 8900

Aroclor 1254 8905

Aroclor 1260 8910

Aroclor 1262 8912

Aroclor 1268 8913

beta-BHC (b-BHC, beta-Hexachlorocyclohexane) 7115

delta-BHC (d-BHC) 7105

Dieldrin 7470

Endosulfan I 7510

Endosulfan II 7515

Endosulfan Sulfate 7520

Endrin 7540

Endrin Aldehyde 7530

Endrin Ketone 7535

gamma-BHC (γ -BHC, Lindane, gamma-Hexachlorocyclohexane) 7120

gamma-Chlordane (trans-Chlordane, beta-Chlordane) 7245

Heptachlor 7685

Heptachlor Epoxide 7690

Hexachlorobenzene 6275

Hexachlorobutadiene 4835

Methoxychlor 7810

Toxaphene (Chlorinated Camphene) 8250

EPA 624.1 by Gas Chromatography Mass Spectrometry (GC/MS) 10298121

Aqueous

1,1,1,2-Tetrachloroethane 5105

1,1,1-Trichloroethane 5160

1,1,2,2-Tetrachloroethane 5110

1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113) 5185

1,1,2-Trichloroethane 5165

1,1-Dichloroethane 4630



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Code

Organic	
EPA 624.1 by Gas Chromatography Mass Spectrometry (GC/MS)	10298121
Aqueous	
1,1-Dichloroethylene	4640
1,1-Dichloropropene	4670
1,2,3-Trichlorobenzene	5150
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromo-3-Chloropropane (DBCP)	4570
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Dichlorobenzene (1,3-DCB)	4615
1,3-Dichloropropane	4660
1,4-Dichlorobenzene	4620
2,2-Dichloropropane	4665
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Chloroethyl Vinyl Ether (2-CEVE)	4500
2-Chlorotoluene	4535
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
4-Chlorotoluene (p-Chlorotoluene)	4540
4-Isopropyltoluene (p-Isopropyltoluene, p-Cymene)	4910
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetone	4315
Acrolein (Propenal)	4325
Acrylonitrile	4340
Benzene	4375
Bromobenzene	4385
Bromochloromethane	4390
Bromodichloromethane	4395
Bromoethane (Ethyl Bromide)	4397
Bromoform	4400
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485



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Organic

EPA 624.1 by Gas Chromatography Mass Spectrometry (GC/MS)

10298121

Aqueous

Chloroform	4505
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Dibromomethane (Methylene Bromide)	4595
Dichlorodifluoromethane (Freon 12)	4625
Ethylbenzene	4765
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	4835
Iodomethane (Methyl Iodide)	4870
Isopropylbenzene (Cumene)	4900
m,p-Xylene	5240
Methyl Bromide (Bromomethane)	4950
Methyl Chloride (Chloromethane)	4960
Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Butylbenzene	4435
n-Propylbenzene (1-phenylpropane)	5090
o-Xylene (1,2-Xylene)	5250
sec-Butylbenzene	4440
Styrene	5100
tert-Butylbenzene	4445
Tetrachloroethene (Perchloroethene, PCE)	5115
Toluene	5140
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Acetate	5225
Vinyl Chloride (Chloroethene)	5235

EPA 625.1 by Gas Chromatography Mass Spectrometry (GC/MS)

10300024

Aqueous

1,2,4-Trichlorobenzene	5155
1,2-Dichlorobenzene	4610
1,3-Dichlorobenzene (1,3-DCB)	4615
1,4-Dichlorobenzene	4620
1-Methylnaphthalene	6380



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Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 625.1 by Gas Chromatography Mass Spectrometry (GC/MS) 10300024

Aqueous

2,2'-Oxybis(1-Chloropropane) 4659

2,3,4,6-Tetrachlorophenol 6735

2,4,5-Trichlorophenol 6835

2,4,6-Trichlorophenol 6840

2,4-Dichlorophenol 6000

2,4-Dimethylphenol 6130

2,4-Dinitrophenol 6175

2,4-Dinitrotoluene (2,4-DNT) 6185

2,6-Dinitrotoluene (2,6-DNT) 6190

2-Chloronaphthalene 5795

2-Chlorophenol 5800

2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol, Dinitro-o-Cresol) 6360

2-Methylnaphthalene 6385

2-Methylphenol (o-Cresol) 6400

2-Nitroaniline 6460

2-Nitrophenol 6490

3,3'-Dichlorobenzidine 5945

3-Nitroaniline 6465

4-Bromophenyl Phenyl Ether (BDE-3) 5660

4-Chloro-3-Methylphenol 5700

4-Chloroaniline 5745

4-Chlorophenyl Phenylether 5825

4-Methylphenol (p-Cresol, as 3,4-Methylphenol) 6410

4-Nitroaniline 6470

4-Nitrophenol 6500

Acenaphthene 5500

Acenaphthylene 5505

Aniline 5545

Anthracene 5555

Benzidine 5595

Benzo(a)Anthracene 5575

Benzo(a)Pyrene 5580

Benzo(g,h,i)Perylene 5590

Benzofluoranthene(s) (Total) 5601

Benzoic Acid 5610

Benzyl Alcohol 5630



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Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 625.1 by Gas Chromatography Mass Spectrometry (GC/MS)	10300024
Aqueous	
bis(2-Chloroethoxy)Methane	5760
bis(2-Chloroethyl)ether	5765
bis(2-Ethylhexyl)Phthalate (DEHP, as di(2-ethylhexyl) Phthalate)	6065
Butyl Benzyl Phthalate	5670
Carbazole	5680
Chrysene	5855
Dibenzofuran	5905
Dibutyl Phenyl Phosphate	5912
Diethyl Phthalate	6070
Dimethyl Phthalate	6135
di-n-Butyl Phthalate	5925
di-n-Octyl Phthalate	6200
Fluoranthene	6265
Fluorene	6270
Hexachlorobenzene	6275
Hexachlorobutadiene	4835
Hexachlorocyclopentadiene	6285
Hexachloroethane	4840
Indeno(1,2,3-cd)Pyrene	6315
Isophorone	6320
Naphthalene	5005
Nitrobenzene	5015
n-Nitrosodimethylamine	6530
n-Nitrosodi-n-Propylamine	6545
n-Nitrosodiphenylamine	6535
Phenanthrene	6615
Phenol	6625
Pyrene	6665
Pyridine	5095
EPA 8015C by Gas Chromatography Flame Ionization Detection (GC/FID)	10173805
Aqueous	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
Solid	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369



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Analytical Resources, LLC

4611 South 134th Place, Suite 100, Tukwila, WA 98168

Contact Name: Bob Congleton Phone: 206-695-6205

Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 8081B by Gas Chromatography Electron Capture Detector (GC/ECD)

10178811

Aqueous

2,4'-DDD 8580

2,4'-DDE 8585

2,4'-DDT 8590

4,4'-DDD 7355

4,4'-DDE 7360

4,4'-DDT 7365

Aldrin 7025

alpha-BHC (a-BHC, alpha-Hexachlorocyclohexane) 7110

alpha-Chlordane (cis-Chlordane) 7240

beta-BHC (b-BHC, beta-Hexachlorocyclohexane) 7115

Chlordane (Technical) 7250

cis-Nonachlor 7925

delta-BHC (d-BHC) 7105

Dieldrin 7470

Endosulfan I 7510

Endosulfan II 7515

Endosulfan Sulfate 7520

Endrin 7540

Endrin Aldehyde 7530

Endrin Ketone 7535

gamma-BHC (γ -BHC, Lindane, gamma-Hexachlorocyclohexane) 7120

gamma-Chlordane (trans-Chlordane, beta-Chlordane) 7245

Heptachlor 7685

Heptachlor Epoxide 7690

Hexachlorobenzene 6275

Hexachlorobutadiene 4835

Methoxychlor 7810

Mirex 7870

Oxychlordane 3890

Toxaphene (Chlorinated Camphene) 8250

trans-Nonachlor 7910

Solid

2,4'-DDD 8580

2,4'-DDE 8585

2,4'-DDT 8590

4,4'-DDD 7355



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Code

Organic

EPA 8081B by Gas Chromatography Electron Capture Detector (GC/ECD) 10178811

Solid

4,4'-DDE 7360

4,4'-DDT 7365

Aldrin 7025

alpha-BHC (a-BHC, alpha-Hexachlorocyclohexane) 7110

alpha-Chlordane (cis-Chlordane) 7240

beta-BHC (b-BHC, beta-Hexachlorocyclohexane) 7115

Chlordane (Technical) 7250

cis-Nonachlor 7925

delta-BHC (d-BHC) 7105

Dieldrin 7470

Endosulfan I 7510

Endosulfan II 7515

Endosulfan Sulfate 7520

Endrin 7540

Endrin Aldehyde 7530

Endrin Ketone 7535

gamma-BHC (γ -BHC, Lindane, gamma-Hexachlorocyclohexane) 7120

gamma-Chlordane (trans-Chlordane, beta-Chlordane) 7245

Heptachlor 7685

Heptachlor Epoxide 7690

Hexachlorobenzene 6275

Hexachlorobutadiene 4835

Methoxychlor 7810

Mirex 7870

Oxychlordane 3890

Toxaphene (Chlorinated Camphene) 8250

trans-Nonachlor 7910

EPA 8082A by Gas Chromatography Electron Capture Detector (GC/ECD) 10179201

Aqueous

Aroclor 1016 8880

Aroclor 1221 8885

Aroclor 1232 8890

Aroclor 1242 8895

Aroclor 1248 8900

Aroclor 1254 8905

Aroclor 1260 8910



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Contact Name: Bob Congleton Phone: 206-695-6205

Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 8082A by Gas Chromatography Electron Capture Detector (GC/ECD)	10179201
Aqueous	
Aroclor 1262	8912
Aroclor 1268	8913
Solid	
Aroclor 1016	8880
Aroclor 1221	8885
Aroclor 1232	8890
Aroclor 1242	8895
Aroclor 1248	8900
Aroclor 1254	8905
Aroclor 1260	8910
Aroclor 1262	8912
Aroclor 1268	8913
EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)	10307127
Aqueous	
1,1,1,2-Tetrachloroethane	5105
1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Dichloropropene	4670
1,2,3-Trichlorobenzene	5150
1,2,3-Trichloropropane (TCP)	5180
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromo-3-Chloropropane (DBCP)	4570
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Dichlorobenzene (1,3-DCB)	4615
1,3-Dichloropropane	4660
1,4-Dichlorobenzene	4620
2,2-Dichloropropane	4665



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Code

Organic	
EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)	10307127
Aqueous	
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Chloroethyl Vinyl Ether (2-CEVE)	4500
2-Chlorotoluene	4535
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
4-Chlorotoluene (p-Chlorotoluene)	4540
4-Isopropyltoluene (p-Isopropyltoluene, p-Cymene)	4910
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetone	4315
Acrolein (Propenal)	4325
Acrylonitrile	4340
Benzene	4375
Bromobenzene	4385
Bromochloromethane	4390
Bromodichloromethane	4395
Bromoethane (Ethyl Bromide)	4397
Bromoform	4400
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Dibromomethane (Methylene Bromide)	4595
Dichlorodifluoromethane (Freon 12)	4625
Ethylbenzene	4765
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	4835
Iodomethane (Methyl Iodide)	4870
Isopropylbenzene (Cumene)	4900
m,p-Xylene	5240
Methyl Bromide (Bromomethane)	4950
Methyl Chloride (Chloromethane)	4960
Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005



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Organic

EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS) 10307127

Aqueous

n-Butylbenzene	4435
n-Propylbenzene (1-phenylpropane)	5090
o-Xylene (1,2-Xylene)	5250
sec-Butylbenzene	4440
Styrene	5100
tert-Butylbenzene	4445
Tetrachloroethene (Perchloroethene, PCE)	5115
Toluene	5140
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
trans-1,4-Dichloro-2-Butene	4605
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Acetate	5225
Vinyl Chloride (Chloroethene)	5235

Solid

1,1,1,2-Tetrachloroethane	5105
1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Dichloropropene	4670
1,2,3-Trichlorobenzene	5150
1,2,3-Trichloropropane (TCP)	5180
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromo-3-Chloropropane (DBCP)	4570
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Dichlorobenzene (1,3-DCB)	4615



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Organic

EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)

10307127

Solid

1,3-Dichloropropane	4660
1,4-Dichlorobenzene	4620
2,2-Dichloropropane	4665
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Chloroethyl Vinyl Ether (2-CEVE)	4500
2-Chlorotoluene	4535
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
4-Chlorotoluene (p-Chlorotoluene)	4540
4-Isopropyltoluene (p-Isopropyltoluene, p-Cymene)	4910
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetone	4315
Acrolein (Propenal)	4325
Acrylonitrile	4340
Benzene	4375
Bromobenzene	4385
Bromochloromethane	4390
Bromodichloromethane	4395
Bromoethane (Ethyl Bromide)	4397
Bromoform	4400
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Dibromomethane (Methylene Bromide)	4595
Dichlorodifluoromethane (Freon 12)	4625
Ethylbenzene	4765
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	4835
Iodomethane (Methyl Iodide)	4870
Isopropylbenzene (Cumene)	4900
m,p-Xylene	5240
Methyl Bromide (Bromomethane)	4950
Methyl Chloride (Chloromethane)	4960



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EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)

10307127

Solid

Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Butylbenzene	4435
n-Propylbenzene (1-phenylpropane)	5090
o-Xylene (1,2-Xylene)	5250
sec-Butylbenzene	4440
Styrene	5100
tert-Butylbenzene	4445
Tetrachloroethene (Perchloroethene, PCE)	5115
Toluene	5140
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
trans-1,4-Dichloro-2-Butene	4605
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Acetate	5225
Vinyl Chloride (Chloroethene)	5235

EPA 8260D SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)

10307138

Aqueous

1,1,1-Trichloroethane	5160
1,1-Dichloroethylene	4640
Trichloroethene (TCE, Trichloroethylene)	5170
Vinyl Chloride (Chloroethene)	5235

EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)

10242543

Aqueous

1,2,4,5-Tetrachlorobenzene	6715
1,2,4-Trichlorobenzene	5155
1,2-Dichlorobenzene	4610
1,3-Dichlorobenzene (1,3-DCB)	4615
1,4-Dichlorobenzene	4620
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
1-Methylnaphthalene	6380
2,2'-Oxybis(1-Chloropropane)	4659
2,3,4,6-Tetrachlorophenol	6735
2,4,5-Trichlorophenol	6835



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Code

Organic	
EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)	10242543
Aqueous	
2,4,6-Trichlorophenol	6840
2,4-Dichlorophenol	6000
2,4-Dimethylphenol	6130
2,4-Dinitrophenol	6175
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Chloronaphthalene	5795
2-Chlorophenol	5800
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol, Dinitro-o-Cresol)	6360
2-Methylnaphthalene	6385
2-Methylphenol (o-Cresol)	6400
2-Nitroaniline	6460
2-Nitrophenol	6500
3,3'-Dichlorobenzidine	5945
3-Nitroaniline	6465
4-Bromophenyl Phenyl Ether (BDE-3)	5660
4-Chloro-3-Methylphenol	5700
4-Chloroaniline	5745
4-Chlorophenyl Phenylether	5825
4-Methylphenol (p-Cresol, as 3+4-Methylphenol)	6410
4-Nitroaniline	6470
4-Nitrophenol	6500
Acenaphthene	5500
Acenaphthylene	5505
Aniline	5545
Anthracene	5555
Benzidine	5595
Benzo(a)Anthracene	5575
Benzo(a)Pyrene	5580
Benzo(b)Fluoranthene	5585
Benzo(g,h,i)Perylene	5590
Benzo(k)Fluoranthene	5600
Benzoic Acid	5610
Benzyl Alcohol	5630
bis(2-Chloroethoxy)Methane	5760
bis(2-Chloroethyl)ether	5765



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EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)

10242543

Aqueous

bis(2-Ethylhexy)Phthalate (DEHP, as di(2-ethylhexyl) Phthalate) 6065

Butyl Benzyl Phthalate 5670

Butyl Diphenyl Phosphate 5671

Butylated Hydroxy Toluene (BHT) 5673

Carbazole 5680

Chrysene 5855

Dibenz(a,h)Anthracene 5895

Dibenzofuran 5905

Dibutyl Phenyl Phosphate 5912

Diethyl Phthalate 6070

Dimethyl Phthalate 6135

di-n-Butyl Phthalate 5925

di-n-Octyl Phthalate 6200

Fluoranthene 6265

Fluorene 6270

Hexachlorobenzene 6275

Hexachlorobutadiene 4835

Hexachlorocyclopentadiene 6285

Hexachloroethane 4840

Indeno(1,2,3-cd)Pyrene 6315

Isophorone 6320

Naphthalene 5005

Nitrobenzene 5015

n-Nitrosodimethylamine 6530

n-Nitrosodi-n-Propylamine 6545

n-Nitrosodiphenylamine 6535

Pentachlorophenol (PCP) 6605

Phenanthrene 6615

Phenol 6625

Pyrene 6665

Pyridine 5095

Tributyl Phosphate 8262

Triphenyl Phosphate 8282

Solid

1,2,4-Trichlorobenzene 5155

1,2-Dichlorobenzene 4610



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Organic

EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)

10242543

Solid

1,3-Dichlorobenzene (1,3-DCB)	4615
1,4-Dichlorobenzene	4620
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
1-Methylnaphthalene	6380
2,2'-Oxybis(1-Chloropropane)	4659
2,3,4,6-Tetrachlorophenol	6735
2,4,5-Trichlorophenol	6835
2,4,6-Trichlorophenol	6840
2,4-Dichlorophenol	6000
2,4-Dimethylphenol	6130
2,4-Dinitrophenol	6175
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Chloronaphthalene	5795
2-Chlorophenol	5800
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol, Dinitro-o-Cresol)	6360
2-Methylnaphthalene	6385
2-Methylphenol (o-Cresol)	6400
2-Nitroaniline	6460
2-Nitrophenol	6490
3,3'-Dichlorobenzidine	5945
3-Nitroaniline	6465
4-Bromophenyl Phenyl Ether (BDE-3)	5660
4-Chloro-3-Methylphenol	5700
4-Chloroaniline	5745
4-Chlorophenyl Phenylether	5825
4-Methylphenol (p-Cresol, as 3+4-Methylphenol)	6410
4-Nitroaniline	6470
4-Nitrophenol	6500
Acenaphthene	5500
Acenaphthylene	5505
Aniline	5545
Anthracene	5555
Benzidine	5595
Benzo(a)Anthracene	5575
Benzo(a)Pyrene	5580



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Code

Organic

EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)	10242543
Solid	
Benzo(b)Fluoranthene	5585
Benzo(g,h,i)Perylene	5590
Benzo(k)Fluoranthene	5600
Benzoic Acid	5610
Benzyl Alcohol	5630
bis(2-Chloroethoxy)Methane	5760
bis(2-Chloroethyl)ether	5765
bis(2-Ethylhexy)Phthalate (DEHP, as di(2-ethylhexyl) Phthalate)	6065
Butyl Benzyl Phthalate	5670
Butyl Diphenyl Phosphate	5671
Butylated Hydroxy Toluene (BHT)	5673
Carbazole	5680
Chrysene	5855
Dibenz(a,h)Anthracene	5895
Dibenzofuran	5905
Dibutyl Phenyl Phosphate	5912
Diethyl Phthalate	6070
Dimethyl Phthalate	6135
di-n-Butyl Phthalate	5925
di-n-Octyl Phthalate	6200
Fluoranthene	6265
Fluorene	6270
Hexachlorobenzene	6275
Hexachlorobutadiene	4835
Hexachlorocyclopentadiene	6285
Hexachloroethane	4840
Indeno(1,2,3-cd)Pyrene	6315
Isophorone	6320
Naphthalene	5005
Nitrobenzene	5015
n-Nitrosodimethylamine	6530
n-Nitrosodi-n-Propylamine	6545
n-Nitrosodiphenylamine	6535
Phenanthrene	6615
Phenol	6625
Pyrene	6665



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Code

Organic

EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS) 10242543

Solid

Pyridine 5095

Tributyl Phosphate 8262

Triphenyl Phosphate 8282

EPA 8270E SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM) 10242565

Aqueous

1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane) 4735

1-Methylnaphthalene 6380

2-Methylnaphthalene 6385

Acenaphthene 5500

Acenaphthylene 5505

Anthracene 5555

Benzo(a)Anthracene 5575

Benzo(a)Pyrene 5580

Benzo(b)Fluoranthene 5585

Benzo(g,h,i)Perylene 5590

Benzo(k)Fluoranthene 5600

Chrysene 5855

Dibenz(a,h)Anthracene 5895

Dibenzofuran 5905

Fluoranthene 6265

Fluorene 6270

Indeno(1,2,3-cd)Pyrene 6315

Naphthalene 5005

Perylene 6608

Phenanthrene 6615

Pyrene 6665

EPA 8290A by High Resolution Gas Chromatography / Mass Spectrometry (HRGC/HRMS) 10187403

Aqueous

1,2,3,4,6,7,8,9-Octachlorodibenzofuran (1,2,3,4,6,7,8,9-OCDF) 9516

1,2,3,4,6,7,8,9-Octachlorodibenzo-p-Dioxin (OCDD) 9519

1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-Hpcdf) 9420

1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin (1,2,3,4,6,7,8-Hpcdd) 9426

1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-Hpcdf) 9423

1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf) 9471

1,2,3,4,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,4,7,8-Hxcd) 9453

1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf) 9474



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Analytical Resources, LLC

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Contact Name: Bob Congleton Phone: 206-695-6205

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Code

Organic

EPA 8290A by High Resolution Gas Chromatography / Mass Spectrometry (HRGC/HRMS) 10187403

Aqueous

1,2,3,6,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,6,7,8-Hxcdd) 9456

1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf) 9477

1,2,3,7,8,9-Hexachlorodibenzo-p-Dioxin (1,2,3,7,8,9-Hxcdd) 9459

1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf) 9543

1,2,3,7,8-Pentachlorodibenzo-p-Dioxin (1,2,3,7,8-Pecdd) 9540

2,3,4,6,7,8-Hexachlorodibenzofuran (2,3,4,6,7,8-HxCDF) 9480

2,3,4,7,8-Pentachlorodibenzofuran (2,3,4,7,8-PeCDF) 9549

2,3,7,8-Tetrachlorodibenzofuran (2,3,7,8-TCDF) 9612

2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD) 9618

Total Heptachlorodibenzofuran (Total HPCDF) 9444

Total Heptachlorodibenzo-p-Dioxin (Total HPCDD) 9438

Total Hexachlorodibenzofuran (Total HXCDF) 9483

Total Hexachlorodibenzo-p-Dioxin (Total HXCDD) 9468

Total Pentachlorodibenzofuran (Total PECDF) 9552

Total Pentachlorodibenzo-p-Dioxin (Total PECDD) 9555

Total Tetrachlorodibenzofuran (Total TCDF) 9615

Total Tetrachlorodibenzo-p-Dioxin (Total TCDD) 9609

Solid

1,2,3,4,6,7,8,9-Octachlorodibenzofuran (1,2,3,4,6,7,8,9-OCDF) 9516

1,2,3,4,6,7,8,9-Octachlorodibenzo-p-Dioxin (OCDD) 9519

1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-Hpcdf) 9420

1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin (1,2,3,4,6,7,8-Hpcdd) 9426

1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-Hpcdf) 9423

1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf) 9471

1,2,3,4,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,4,7,8-Hxcdd) 9453

1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf) 9474

1,2,3,6,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,6,7,8-Hxcdd) 9456

1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf) 9477

1,2,3,7,8,9-Hexachlorodibenzo-p-Dioxin (1,2,3,7,8,9-Hxcdd) 9459

1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf) 9543

1,2,3,7,8-Pentachlorodibenzo-p-Dioxin (1,2,3,7,8-Pecdd) 9540

2,3,4,6,7,8-Hexachlorodibenzofuran (2,3,4,6,7,8-HxCDF) 9480

2,3,4,7,8-Pentachlorodibenzofuran (2,3,4,7,8-PeCDF) 9549

2,3,7,8-Tetrachlorodibenzofuran (2,3,7,8-TCDF) 9612

2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD) 9618

Total Heptachlorodibenzofuran (Total HPCDF) 9444



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Organic	
EPA 8290A by High Resolution Gas Chromatography / Mass Spectrometry (HRGC/HRMS)	10187403
Solid	
Total Heptachlorodibenzo-p-Dioxin (Total HPCDD)	9438
Total Hexachlorodibenzofuran (Total HXCDF)	9483
Total Hexachlorodibenzo-p-Dioxin (Total HXCDD)	9468
Total Pentachlorodibenzofuran (Total PECDF)	9552
Total Pentachlorodibenzo-p-Dioxin (Total PECDD)	9555
Total Tetrachlorodibenzofuran (Total TCDF)	9615
Total Tetrachlorodibenzo-p-Dioxin (Total TCDD)	9609
NWTPH-D by Gas Chromatography Flame Ionization Detection (GC/FID)	90018409
Aqueous	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
Solid	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
NWTPH-Dext by Gas Chromatography Flame Ionization Detection (GC/FID)	90018409
Aqueous	
Motor Oil (Residual Range Organics (RRO))	9506
Solid	
Motor Oil (Residual Range Organics (RRO))	9506
NWTPH-G by Gas Chromatography Mass Spectrometry (GC/MS)	90018658
Aqueous	
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
WA-EPH by Gas Chromatography Flame Ionization Detection (GC/FID)	60015001
Aqueous	
Extractable Petroleum Hydrocarbons (EPH) Aliphatic >C10-C12	6211
Extractable Petroleum Hydrocarbons (EPH) Aliphatic >C12-C16	6212
Extractable Petroleum Hydrocarbons (EPH) Aliphatic >C16-C21	6214
Extractable Petroleum Hydrocarbons (EPH) Aliphatic >C21-C34	6216
Extractable Petroleum Hydrocarbons (EPH) Aliphatic >C8-C10	6219
Extractable Petroleum Hydrocarbons (EPH) Aromatic >C10-C12	6224
Extractable Petroleum Hydrocarbons (EPH) Aromatic >C12-C16	6226
Extractable Petroleum Hydrocarbons (EPH) Aromatic >C16-C21	6228
Extractable Petroleum Hydrocarbons (EPH) Aromatic >C21-C34	6231
Extractable Petroleum Hydrocarbons (EPH) Aromatic >C8-C10	6236
Solid	
Extractable Petroleum Hydrocarbons (EPH) Aliphatic >C10-C12	6211
Extractable Petroleum Hydrocarbons (EPH) Aliphatic >C12-C16	6212



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Code

Organic

WA-EPH by Gas Chromatography Flame Ionization Detection (GC/FID) 60015001

Solid

Extractable Petroleum Hydrocarbons (EPH) Aliphatic >C16-C21 6214

Extractable Petroleum Hydrocarbons (EPH) Aliphatic >C21-C34 6216

Extractable Petroleum Hydrocarbons (EPH) Aliphatic >C8-C10 6219

Extractable Petroleum Hydrocarbons (EPH) Aromatic >C10-C12 6224

Extractable Petroleum Hydrocarbons (EPH) Aromatic >C12-C16 6226

Extractable Petroleum Hydrocarbons (EPH) Aromatic >C16-C21 6228

Extractable Petroleum Hydrocarbons (EPH) Aromatic >C21-C34 6231

Extractable Petroleum Hydrocarbons (EPH) Aromatic >C8-C10 6236

WA-VPH by Gas Chromatography Flame Ionization Photoionization Detection (GC/FID/PID) 60015056

Solid

Volatile Petroleum Hydrocarbons (VPH) 5207



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Code

Preparation

Aqueous

EPA 1311	Toxicity Characteristic Leaching Procedure (TCLP)
EPA 1312	Synthetic Precipitation Leaching Procedure (SPLP)
EPA 3005A	Acid Digestion of Waters for Total Recoverable or Dissolved Metals
EPA 3010A	Acid Digestion for Total Metals
EPA 3020A	Acid Digestion of Aqueous Samples and Extracts for Total Metals
EPA 3510C	Separatory Funnel Liquid-Liquid Extraction
EPA 3520C	Continuous Liquid-Liquid Extraction
EPA 3580A	Waste Dilution Extraction for Extractable Organics
EPA 3630C	Silica Gel Clean Up
EPA 5030B	Purge-and-Trap for Volatile Organics in Aqueous Samples

Solid

EPA 1312	Synthetic Precipitation Leaching Procedure (SPLP)
EPA 3050B	Acid Digestion for Metals
EPA 3060A	Alkaline Digestion (Hexavalent Chromium)
EPA 3540C	Soxhlet Extraction (Non-Automated)
EPA 3546	Microwave Extraction (Organics)
EPA 3550C	Ultrasonic Extraction
EPA 3580A	Waste Dilution Extraction for Extractable Organics
EPA 3630C	Silica Gel Clean Up
EPA 5035A	Purge-and-Trap and Extraction For Volatile Organics (Closed-System)
EPA 9010C	Cyanide (Total and Amenable) Distillation
EPA 9030B	Distillation (Acid-Soluble and Acid-Insoluble Sulfides)

Footnotes:

> Method codes are typically based on The NELAC Institute (TNI) Laboratory Accreditation Management System (LAMS) and are used to compare to the laboratory reported Performance Test (PT) results. Although the method code may not represent the specific method version, it is the method code used to represent the method/technology used to report PTs. (NC = No Code)