



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Analytical Resources, Inc.
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 DoD Quality Systems Manual for Environmental Laboratories Version 5.3 May 2019 and is accredited in accordance with the:

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

***This accreditation demonstrates technical competence for the defined scope:
Environmental Testing
(As detailed in the supplement)***

Accreditation claims for such testing and/or calibration services shall only be made from 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:

Tracy Szerszen
President

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

Initial Accreditation Date:

October 10, 2010

Issue Date:

December 28, 2020

Expiration Date:

February 28, 2023

Accreditation No.:

66169

Certificate No.:

L20-790

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

ISO/IEC 17025:2017 and DoD-ELAP

Analytical Resources, Inc.

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:

Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 160.4	Gravimetric	Settleable Solid
Aqueous	EPA 180.1	Nephelometry	Turbidity
Aqueous	EPA 245.1	CVAA	Mercury
Aqueous	EPA 410.4	Spectrophotometric	COD
Aqueous	EPA 200.7	ICP-OES	Aluminum
Aqueous	EPA 200.7	ICP-OES	Antimony
Aqueous	EPA 200.7	ICP-OES	Arsenic
Aqueous	EPA 200.7	ICP-OES	Barium
Aqueous	EPA 200.7	ICP-OES	Beryllium
Aqueous	EPA 200.7	ICP-OES	Boron
Aqueous	EPA 200.7	ICP-OES	Cadmium
Aqueous	EPA 200.7	ICP-OES	Calcium
Aqueous	EPA 200.7	ICP-OES	Chromium
Aqueous	EPA 200.7	ICP-OES	Cobalt
Aqueous	EPA 200.7	ICP-OES	Copper
Aqueous	EPA 200.7	ICP-OES	Iron
Aqueous	EPA 200.7	ICP-OES	Lead
Aqueous	EPA 200.7	ICP-OES	Magnesium
Aqueous	EPA 200.7	ICP-OES	Manganese
Aqueous	EPA 200.7	ICP-OES	Molybdenum
Aqueous	EPA 200.7	ICP-OES	Nickel
Aqueous	EPA 200.7	ICP-OES	Potassium
Aqueous	EPA 200.7	ICP-OES	Selenium
Aqueous	EPA 200.7	ICP-OES	Silica
Aqueous	EPA 200.7	ICP-OES	Silver
Aqueous	EPA 200.7	ICP-OES	Sodium
Aqueous	EPA 200.7	ICP-OES	Strontium
Aqueous	EPA 200.7	ICP-OES	Thallium
Aqueous	EPA 200.7	ICP-OES	Tin
Aqueous	EPA 200.7	ICP-OES	Titanium
Aqueous	EPA 200.7	ICP-OES	Vanadium
Aqueous	EPA 200.7	ICP-OES	Zinc
Aqueous	EPA 200.8	ICP-MS	Aluminum
Aqueous	EPA 200.8	ICP-MS	Antimony
Aqueous	EPA 200.8	ICP-MS	Arsenic



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 200.8	ICP-MS	Barium
Aqueous	EPA 200.8	ICP-MS	Beryllium
Aqueous	EPA 200.8	ICP-MS	Cadmium
Aqueous	EPA 200.8	ICP-MS	Calcium
Aqueous	EPA 200.8	ICP-MS	Chromium
Aqueous	EPA 200.8	ICP-MS	Cobalt
Aqueous	EPA 200.8	ICP-MS	Copper
Aqueous	EPA 200.8	ICP-MS	Iron
Aqueous	EPA 200.8	ICP-MS	Lead
Aqueous	EPA 200.8	ICP-MS	Magnesium
Aqueous	EPA 200.8	ICP-MS	Manganese
Aqueous	EPA 200.8	ICP-MS	Molybdenum
Aqueous	EPA 200.8	ICP-MS	Nickel
Aqueous	EPA 200.8	ICP-MS	Potassium
Aqueous	EPA 200.8	ICP-MS	Selenium
Aqueous	EPA 200.8	ICP-MS	Silver
Aqueous	EPA 200.8	ICP-MS	Sodium
Aqueous	EPA 200.8	ICP-MS	Thallium
Aqueous	EPA 200.8	ICP-MS	Vanadium
Aqueous	EPA 200.8	ICP-MS	Zinc
Aqueous	EPA 300.0	IC	Bromide
Aqueous	EPA 300.0	IC	Chloride
Aqueous	EPA 300.0	IC	Fluoride
Aqueous	EPA 300.0	IC	Nitrate
Aqueous	EPA 300.0	IC	Nitrite
Aqueous	EPA 300.0	IC	Sulfate
Aqueous	EPA 3005A	Acid Digestion	Digestion Prep Method
Aqueous	EPA 3010A	Acid Digestion	Digestion Prep Method
Aqueous	EPA 3020A	Acid Digestion	Digestion Prep Method
Aqueous	EPA 353.2	Colorimetric	Total Nitrate- Nitrite, Nitrate and Nitrite
Aqueous	EPA 3510C	Sep Funnel	Extraction Prep Method
Aqueous	EPA 3520C	Continuous Liquid-Liquid Extraction	Extraction Prep Method
Aqueous	EPA 420.1	Spectrophotometric	Phenolics
Aqueous	EPA 5030B	Purge and Trap for Volatiles	Volatile Prep



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 608.3	GC-ECD	4,4'-DDD
Aqueous	EPA 608.3	GC-ECD	4,4'-DDE
Aqueous	EPA 608.3	GC-ECD	4,4'-DDT
Aqueous	EPA 608.3	GC-ECD	Aldrin
Aqueous	EPA 608.3	GC-ECD	alpha-BHC
Aqueous	EPA 608.3	GC-ECD	Aroclor-1016 (PCB-1016)
Aqueous	EPA 608.3	GC-ECD	Aroclor-1221 (PCB-1221)
Aqueous	EPA 608.3	GC-ECD	Aroclor-1232 (PCB-1232)
Aqueous	EPA 608.3	GC-ECD	Aroclor-1242 (PCB-1242)
Aqueous	EPA 608.3	GC-ECD	Aroclor-1248 (PCB-1248)
Aqueous	EPA 608.3	GC-ECD	Aroclor-1254 (PCB-1254)
Aqueous	EPA 608.3	GC-ECD	Aroclor-1260 (PCB-1260)
Aqueous	EPA 608.3	GC-ECD	Aroclor-1262 (PCB-1262)
Aqueous	EPA 608.3	GC-ECD	Aroclor-1268 (PCB-1268)
Aqueous	EPA 608.3	GC-ECD	beta-BHC
Aqueous	EPA 608.3	GC-ECD	cis-Chlordane (alpha-chlordane)
Aqueous	EPA 608.3	GC-ECD	delta-BHC
Aqueous	EPA 608.3	GC-ECD	Dieldrin
Aqueous	EPA 608.3	GC-ECD	Endosulfan
Aqueous	EPA 608.3	GC-ECD	Endosulfan II
Aqueous	EPA 608.3	GC-ECD	Endosulfan Sulfate
Aqueous	EPA 608.3	GC-ECD	Endrin
Aqueous	EPA 608.3	GC-ECD	Endrin Aldehyde
Aqueous	EPA 608.3	GC-ECD	Endrin Ketone
Aqueous	EPA 608.3	GC-ECD	gamma-BHC (Lindane)
Aqueous	EPA 608.3	GC-ECD	Heptachlor
Aqueous	EPA 608.3	GC-ECD	Heptachlor Epoxide
Aqueous	EPA 608.3	GC-ECD	Hexachlorobenzene
Aqueous	EPA 608.3	GC-ECD	Hexachlorobutadiene
Aqueous	EPA 608.3	GC-ECD	Methoxychlor
Aqueous	EPA 608.3	GC-ECD	Toxaphene
Aqueous	EPA 608.3	GC-ECD	trans-Chlordane (beta-Chlordane, gamma-Chlordane)
Aqueous	EPA 624.1	GC-MS	1,1,1,2-Tetrachloroethane
Aqueous	EPA 624.1	GC-MS	1,1,1-Trichloroethane



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 624.1	GC-MS	1,1,2,2-Tetrachloroethane
Aqueous	EPA 624.1	GC-MS	1,1,2-Trichloro-1,2,2-Trifluoroethane
Aqueous	EPA 624.1	GC-MS	1,1,2-Trichloroethane
Aqueous	EPA 624.1	GC-MS	1,1-Dichloroethane
Aqueous	EPA 624.1	GC-MS	1,1-Dichloroethene
Aqueous	EPA 624.1	GC-MS	1,1-Dichloropropene
Aqueous	EPA 624.1	GC-MS	1,2,3-Trichlorobenzene
Aqueous	EPA 624.1	GC-MS	1,2,4-Trichlorobenzene
Aqueous	EPA 624.1	GC-MS	1,2,4-Trimethylbenzene
Aqueous	EPA 624.1	GC-MS	1,2-Dibromo-3-Chloropropane
Aqueous	EPA 624.1	GC-MS	1,2-Dibromoethane
Aqueous	EPA 624.1	GC-MS	1,2-Dichlorobenzene
Aqueous	EPA 624.1	GC-MS	1,2-Dichloroethane
Aqueous	EPA 624.1	GC-MS	1,2-Dichloropropane
Aqueous	EPA 624.1	GC-MS	1,3,5-Trimethylbenzene
Aqueous	EPA 624.1	GC-MS	1,3-Dichlorobenzene
Aqueous	EPA 624.1	GC-MS	1,3-Dichloropropane
Aqueous	EPA 624.1	GC-MS	1,4-Dichlorobenzene
Aqueous	EPA 624.1	GC-MS	2,2-Dichloropropane
Aqueous	EPA 624.1	GC-MS	2-Butanone
Aqueous	EPA 624.1	GC-MS	2-Chloroethyl Vinyl Ether
Aqueous	EPA 624.1	GC-MS	2-Chlorotoluene
Aqueous	EPA 624.1	GC-MS	2-Hexanone
Aqueous	EPA 624.1	GC-MS	4-Chlorotoluene
Aqueous	EPA 624.1	GC-MS	4-Isopropyl Toluene
Aqueous	EPA 624.1	GC-MS	4-Methyl-2-Pentanone
Aqueous	EPA 624.1	GC-MS	Acetone
Aqueous	EPA 624.1	GC-MS	Acrolein
Aqueous	EPA 624.1	GC-MS	Acrylonitrile
Aqueous	EPA 624.1	GC-MS	Benzene
Aqueous	EPA 624.1	GC-MS	Bromobenzene
Aqueous	EPA 624.1	GC-MS	Bromochloromethane
Aqueous	EPA 624.1	GC-MS	Bromodichloromethane
Aqueous	EPA 624.1	GC-MS	Bromoethane
Aqueous	EPA 624.1	GC-MS	Bromoform



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Aqueous	EPA 624.1	GC-MS	Bromomethane
Aqueous	EPA 624.1	GC-MS	Carbon Disulfide
Aqueous	EPA 624.1	GC-MS	Carbon Tetrachloride
Aqueous	EPA 624.1	GC-MS	Chlorobenzene
Aqueous	EPA 624.1	GC-MS	Chloroethane
Aqueous	EPA 624.1	GC-MS	Chloroform
Aqueous	EPA 624.1	GC-MS	Chloromethane
Aqueous	EPA 624.1	GC-MS	cis-1,2-Dichloroethene
Aqueous	EPA 624.1	GC-MS	cis-1,3-Dichloropropene
Aqueous	EPA 624.1	GC-MS	Dibromochloromethane
Aqueous	EPA 624.1	GC-MS	Dibromomethane
Aqueous	EPA 624.1	GC-MS	Dichlorodifluoromethane
Aqueous	EPA 624.1	GC-MS	Ethyl Benzene
Aqueous	EPA 624.1	GC-MS	Hexachloro-1,3-Butadiene
Aqueous	EPA 624.1	GC-MS	Iodomethane
Aqueous	EPA 624.1	GC-MS	Isopropyl Benzene
Aqueous	EPA 624.1	GC-MS	m,p-Xylene
Aqueous	EPA 624.1	GC-MS	Methylene Chloride
Aqueous	EPA 624.1	GC-MS	Methyl-t-butyl ether (MTBE)
Aqueous	EPA 624.1	GC-MS	Naphthalene
Aqueous	EPA 624.1	GC-MS	n-Butylbenzene
Aqueous	EPA 624.1	GC-MS	n-Propyl Benzene
Aqueous	EPA 624.1	GC-MS	o-Xylene
Aqueous	EPA 624.1	GC-MS	s-Butylbenzene
Aqueous	EPA 624.1	GC-MS	Styrene
Aqueous	EPA 624.1	GC-MS	t-Butylbenzene
Aqueous	EPA 624.1	GC-MS	Tetrachloroethene
Aqueous	EPA 624.1	GC-MS	Toluene
Aqueous	EPA 624.1	GC-MS	trans-1,2-Dichloroethene
Aqueous	EPA 624.1	GC-MS	trans-1,3-Dichloropropene
Aqueous	EPA 624.1	GC-MS	Trichloroethene
Aqueous	EPA 624.1	GC-MS	Trichlorofluoromethane
Aqueous	EPA 624.1	GC-MS	Vinyl Acetate
Aqueous	EPA 624.1	GC-MS	Vinyl Chloride
Aqueous	EPA 625.1	GC-MS	1,2,4-Trichlorobenzene



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 625.1	GC-MS	1,2-Dichlorobenzene
Aqueous	EPA 625.1	GC-MS	1,3-Dichlorobenzene
Aqueous	EPA 625.1	GC-MS	1,4-Dichlorobenzene
Aqueous	EPA 625.1	GC-MS	1-methylnaphthalene
Aqueous	EPA 625.1	GC-MS	2,2'-oxybis(1-Chloropropane)
Aqueous	EPA 625.1	GC-MS	2,3,4,6-Tetrachlorophenol
Aqueous	EPA 625.1	GC-MS	2,4,5-Trichlorophenol
Aqueous	EPA 625.1	GC-MS	2,4,6-Trichlorophenol
Aqueous	EPA 625.1	GC-MS	2,4-Dichlorophenol
Aqueous	EPA 625.1	GC-MS	2,4-Dimethylphenol
Aqueous	EPA 625.1	GC-MS	2,4-Dinitrophenol
Aqueous	EPA 625.1	GC-MS	2,4-Dinitrotoluene
Aqueous	EPA 625.1	GC-MS	2,6-Dinitrotoluene
Aqueous	EPA 625.1	GC-MS	2-Chloronaphthalene
Aqueous	EPA 625.1	GC-MS	2-Chlorophenol
Aqueous	EPA 625.1	GC-MS	2-Methylnaphthalene
Aqueous	EPA 625.1	GC-MS	2-Methylphenol
Aqueous	EPA 625.1	GC-MS	2-Nitroaniline
Aqueous	EPA 625.1	GC-MS	2-Nitrophenol
Aqueous	EPA 625.1	GC-MS	3,3'-Dichlorobenzidine
Aqueous	EPA 625.1	GC-MS	3-Nitroaniline
Aqueous	EPA 625.1	GC-MS	4,6-Dinitro-2-methylphenol
Aqueous	EPA 625.1	GC-MS	4-Bromophenyl-phenylether
Aqueous	EPA 625.1	GC-MS	4-Chloro-3-methylphenol
Aqueous	EPA 625.1	GC-MS	4-Chloroaniline
Aqueous	EPA 625.1	GC-MS	4-Chlorophenyl-phenylether
Aqueous	EPA 625.1	GC-MS	4-Methylphenol
Aqueous	EPA 625.1	GC-MS	4-Nitroaniline
Aqueous	EPA 625.1	GC-MS	4-Nitrophenol
Aqueous	EPA 625.1	GC-MS	Acenaphthene
Aqueous	EPA 625.1	GC-MS	Acenaphthylene
Aqueous	EPA 625.1	GC-MS	Aniline
Aqueous	EPA 625.1	GC-MS	Anthracene
Aqueous	EPA 625.1	GC-MS	Benzidine
Aqueous	EPA 625.1	GC-MS	Benzo(a)anthracene



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 625.1	GC-MS	Benzo(a)pyrene
Aqueous	EPA 625.1	GC-MS	Benzo(g,h,i)perylene
Aqueous	EPA 625.1	GC-MS	Benzofluoranthene(s) (Total)
Aqueous	EPA 625.1	GC-MS	Benzoic acid
Aqueous	EPA 625.1	GC-MS	Benzyl alcohol
Aqueous	EPA 625.1	GC-MS	Bis(2-Chloroethoxy)methane
Aqueous	EPA 625.1	GC-MS	Bis(2-Chloroethyl)ether
Aqueous	EPA 625.1	GC-MS	bis(2-Ethylhexyl)phthalate
Aqueous	EPA 625.1	GC-MS	Butylbenzylphthalate
Aqueous	EPA 625.1	GC-MS	Carbazole
Aqueous	EPA 625.1	GC-MS	Chrysene
Aqueous	EPA 625.1	GC-MS	Dibenzofuran
Aqueous	EPA 625.1	GC-MS	Dibutyl Phenyl Phosphate
Aqueous	EPA 625.1	GC-MS	Diethylphthalate
Aqueous	EPA 625.1	GC-MS	Dimethylphthalate
Aqueous	EPA 625.1	GC-MS	Di-n-butylphthalate
Aqueous	EPA 625.1	GC-MS	Di-n-octylphthalate
Aqueous	EPA 625.1	GC-MS	Fluoranthene
Aqueous	EPA 625.1	GC-MS	Fluorene
Aqueous	EPA 625.1	GC-MS	Hexachlorobenzene
Aqueous	EPA 625.1	GC-MS	Hexachlorobutadiene
Aqueous	EPA 625.1	GC-MS	Hexachlorocyclopentadiene
Aqueous	EPA 625.1	GC-MS	Hexachloroethane
Aqueous	EPA 625.1	GC-MS	Indeno(1,2,3-cd)pyrene
Aqueous	EPA 625.1	GC-MS	Isophorone
Aqueous	EPA 625.1	GC-MS	Naphthalene
Aqueous	EPA 625.1	GC-MS	Nitrobenzene
Aqueous	EPA 625.1	GC-MS	N-Nitrosodimethylamine
Aqueous	EPA 625.1	GC-MS	N-Nitroso-di-n-propylamine
Aqueous	EPA 625.1	GC-MS	N-Nitrosodiphenylamine
Aqueous	EPA 625.1	GC-MS	Phenanthrene
Aqueous	EPA 625.1	GC-MS	Phenol
Aqueous	EPA 625.1	GC-MS	Pyrene
Aqueous	EPA 625.1	GC-MS	Pyridine
Aqueous	EPA 6010D	ICP-OES	Silica



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 9060A	Combustion IR	Total Organic Carbon
Aqueous	EPA 7470A	CVAA	Mercury
Aqueous	EPA 8260D-SIM	GC-MS	1,1,1-Trichloroethane
Aqueous	EPA 8260D-SIM	GC-MS	1,1-Dichloroethene
Aqueous	EPA 8260D-SIM	GC-MS	Trichloroethene
Aqueous	EPA 8260D-SIM	GC-MS	Vinyl Chloride
Aqueous	EPA 8270E-SIM	GC-MS	1-4-Dioxane
Aqueous	EPA 8270E-SIM	GC-MS	1-Methylnaphthalene
Aqueous	EPA 8270E-SIM	GC-MS	2-Methylnaphthalene
Aqueous	EPA 8270E-SIM	GC-MS	Acenaphthene
Aqueous	EPA 8270E-SIM	GC-MS	Acenaphthylene
Aqueous	EPA 8270E-SIM	GC-MS	Anthracene
Aqueous	EPA 8270E-SIM	GC-MS	Benzo(a)anthracene
Aqueous	EPA 8270E-SIM	GC-MS	Benzo(a)pyrene
Aqueous	EPA 8270E-SIM	GC-MS	Benzo(b)fluoranthene
Aqueous	EPA 8270E-SIM	GC-MS	Benzo(g,h,i)perylene
Aqueous	EPA 8270E-SIM	GC-MS	Benzo(k)fluoranthene
Aqueous	EPA 8270E-SIM	GC-MS	Chrysene
Aqueous	EPA 8270E-SIM	GC-MS	Dibenz(a,h)anthracene
Aqueous	EPA 8270E-SIM	GC-MS	Dibenzofuran
Aqueous	EPA 8270E-SIM	GC-MS	Fluoranthene
Aqueous	EPA 8270E-SIM	GC-MS	Fluorene
Aqueous	EPA 8270E-SIM	GC-MS	Indeno(1,2,3-cd)pyrene
Aqueous	EPA 8270E-SIM	GC-MS	Naphthalene
Aqueous	EPA 8270E-SIM	GC-MS	Perylene
Aqueous	EPA 8270E-SIM	GC-MS	Phenanthrene
Aqueous	EPA 8270E-SIM	GC-MS	Pyrene
Aqueous	EPA 9040C	Electrometric	pH
Aqueous	SM 2130B-01	Nephelometry	Turbidity
Aqueous	SM 2320 B-97	Titration	Alkalinity
Aqueous	SM 2540 B-97	Gravimetric	TS
Aqueous	SM 2540 C-97	Gravimetric	TDS
Aqueous	SM 2540 D-97	Gravimetric	TSS
Aqueous	SM 2540 E-97	Gravimetric	TVS
Aqueous	SM 2540 F -97	Gravimetric	Settleable Solid



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Matrix	Standard/Method	Technology	Analyte
Aqueous	SM 4500-CI G97	Colorimetric	Chloride
Aqueous	SM 4500-F C97	ISE	Fluoride
Aqueous	SM 4500-NO3 I-00	Colorimetric	Nitrate
Aqueous	SM 4500-NO3 I-00	Colorimetric	Nitrite
Aqueous	SM 4500-NO3 I-00	Colorimetric	Nitrite + Nitrate
Aqueous	SM 4500-SO4 G-97	Colorimetric	Sulfate
Aqueous	SM 5220 D-97	Spectrophotometric	COD
Drinking Water	EPA 524.3	GC-MS	1,1,1,2-Tetrachloroethane
Drinking Water	EPA 524.3	GC-MS	1,1,1-Trichloroethane
Drinking Water	EPA 524.3	GC-MS	1,1,2,2-Tetrachloroethane
Drinking Water	EPA 524.3	GC-MS	1,1,2-Trichloroethane
Drinking Water	EPA 524.3	GC-MS	1,1-Dichloroethane
Drinking Water	EPA 524.3	GC-MS	1,1-Dichloroethene
Drinking Water	EPA 524.3	GC-MS	1,1-Dichloropropene
Drinking Water	EPA 524.3	GC-MS	1,2,3-Trichlorobenzene
Drinking Water	EPA 524.3	GC-MS	1,2,3-Trichloropropane
Drinking Water	EPA 524.3	GC-MS	1,2,4-Trichlorobenzene
Drinking Water	EPA 524.3	GC-MS	1,2,4-Trimethylbenzene
Drinking Water	EPA 524.3	GC-MS	1,2-Dichlorobenzene
Drinking Water	EPA 524.3	GC-MS	1,2-Dichloroethane
Drinking Water	EPA 524.3	GC-MS	1,2-Dichloropropane
Drinking Water	EPA 524.3	GC-MS	1,3,5-Trimethyl Benzene
Drinking Water	EPA 524.3	GC-MS	1,3-Dichlorobenzene
Drinking Water	EPA 524.3	GC-MS	1,3-Dichloropropane
Drinking Water	EPA 524.3	GC-MS	1,4-Dichlorobenzene
Drinking Water	EPA 524.3	GC-MS	2-Chlorotoluene
Drinking Water	EPA 524.3	GC-MS	4-Chlorotoluene
Drinking Water	EPA 524.3	GC-MS	4-iso-Propyltoluene
Drinking Water	EPA 524.3	GC-MS	Benzene
Drinking Water	EPA 524.3	GC-MS	Bromobenzene
Drinking Water	EPA 524.3	GC-MS	Bromochloromethane
Drinking Water	EPA 524.3	GC-MS	Bromodichloromethane
Drinking Water	EPA 524.3	GC-MS	Carbon Tetrachloride
Drinking Water	EPA 524.3	GC-MS	Chlorobenzene
Drinking Water	EPA 524.3	GC-MS	Chloromethane



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Matrix	Standard/Method	Technology	Analyte
Drinking Water	EPA 524.3	GC-MS	cis-1,2-Dichloroethene
Drinking Water	EPA 524.3	GC-MS	cis-1,3-dichloropropene
Drinking Water	EPA 524.3	GC-MS	Dibromomethane
Drinking Water	EPA 524.3	GC-MS	Ethyl Benzene
Drinking Water	EPA 524.3	GC-MS	Hexachloro-1,3-butadiene
Drinking Water	EPA 524.3	GC-MS	iso-Propyl Benzene
Drinking Water	EPA 524.3	GC-MS	m,p-xylene
Drinking Water	EPA 524.3	GC-MS	Methyl tert-butyl ether (MTBE)
Drinking Water	EPA 524.3	GC-MS	Methyl tert-butyl-ether-d3
Drinking Water	EPA 524.3	GC-MS	Methylene Chloride
Drinking Water	EPA 524.3	GC-MS	Naphthalene
Drinking Water	EPA 524.3	GC-MS	n-Butylbenzene
Drinking Water	EPA 524.3	GC-MS	n-Propyl Benzene
Drinking Water	EPA 524.3	GC-MS	o-Xylene
Drinking Water	EPA 524.3	GC-MS	sec-Butylbenzene
Drinking Water	EPA 524.3	GC-MS	Styrene
Drinking Water	EPA 524.3	GC-MS	tert-Butylbenzene
Drinking Water	EPA 524.3	GC-MS	Tetrachloroethene
Drinking Water	EPA 524.3	GC-MS	Toluene
Drinking Water	EPA 524.3	GC-MS	trans-1,2-Dichloroethene
Drinking Water	EPA 524.3	GC-MS	trans-1,3-Dichloropropene
Drinking Water	EPA 524.3	GC-MS	Trichloroethene
Drinking Water	EPA 524.3	GC-MS	Trichlorofluoromethane
Drinking Water	EPA 524.3	GC-MS	Vinyl Chloride
Solid	EPA 245.1	CVAA	Mercury
Solid	EPA 3060A	Extraction	Hexavalent Chromium Preparation
Solid	EPA 3540C	Soxhlet	Extraction Prep Method
Solid	EPA 3546	Microwave	Extraction Prep Method
Solid	EPA 3550C	Ultrasonic	Extraction Prep Method
Solid	EPA 5035A	Purge and Trap for Volatiles	Volatile Organics
Solid	EPA 7471B	CVAA	Mercury
Solid	EPA 8041A	GC-ECD	Pentachlorophenol
Solid	EPA 9010C	Distillation	Cyanide Preparation
Solid	EPA 9014	Colorimetric	Cyanide
Solid	EPA 9030B	Distillation	Sulfide Preparation



Certificate of Accreditation: Supplement

ISO/IEC 17025:2017 and DoD-ELAP

Analytical Resources, Inc.

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:

Matrix	Standard/Method	Technology	Analyte
Solid	EPA 9045D	Electrometric	pH
Solid	Plumb 1981	Combustion IR	Total Organic Carbon
Solid	WA-VPH	GC-FID/PID	Volatile Petroleum Hydrocarbons
Aqueous/Solid	AK101	GC-MS	Gasoline (TPH-G, GRO)
Aqueous/Solid	AK102	GC-FID	Diesel (TPH-D, DRO)
Aqueous/Solid	AK103	GC-FID	Motor Oil (RRO)
Aqueous/Solid	EPA 1613B	HRGC-HRMS	1,2,3,4,6,7,8-HpCDD
Aqueous/Solid	EPA 1613B	HRGC-HRMS	1,2,3,4,6,7,8-HpCDF
Aqueous/Solid	EPA 1613B	HRGC-HRMS	1,2,3,4,7,8,9-HpCDF
Aqueous/Solid	EPA 1613B	HRGC-HRMS	1,2,3,4,7,8-HxCDD
Aqueous/Solid	EPA 1613B	HRGC-HRMS	1,2,3,4,7,8-HxCDF
Aqueous/Solid	EPA 1613B	HRGC-HRMS	1,2,3,6,7,8-HxCDD
Aqueous/Solid	EPA 1613B	HRGC-HRMS	1,2,3,6,7,8-HxCDF
Aqueous/Solid	EPA 1613B	HRGC-HRMS	1,2,3,7,8,9-HxCDD
Aqueous/Solid	EPA 1613B	HRGC-HRMS	1,2,3,7,8,9-HxCDF
Aqueous/Solid	EPA 1613B	HRGC-HRMS	1,2,3,7,8-PeCDD
Aqueous/Solid	EPA 1613B	HRGC-HRMS	1,2,3,7,8-PeCDF
Aqueous/Solid	EPA 1613B	HRGC-HRMS	2,3,4,6,7,8-HxCDF
Aqueous/Solid	EPA 1613B	HRGC-HRMS	2,3,4,7,8-PeCDF
Aqueous/Solid	EPA 1613B	HRGC-HRMS	2,3,7,8-TCDD
Aqueous/Solid	EPA 1613B	HRGC-HRMS	2,3,7,8-TCDF
Aqueous/Solid	EPA 1613B	HRGC-HRMS	OCDD
Aqueous/Solid	EPA 1613B	HRGC-HRMS	OCDF
Aqueous/Solid	EPA 1613B	HRGC-HRMS	Total HpCDD
Aqueous/Solid	EPA 1613B	HRGC-HRMS	Total HpCDF
Aqueous/Solid	EPA 1613B	HRGC-HRMS	Total HxCDD
Aqueous/Solid	EPA 1613B	HRGC-HRMS	Total HxCDF
Aqueous/Solid	EPA 1613B	HRGC-HRMS	Total PeCDD
Aqueous/Solid	EPA 1613B	HRGC-HRMS	Total PeCDF
Aqueous/Solid	EPA 1613B	HRGC-HRMS	Total TCDD
Aqueous/Solid	EPA 1613B	HRGC-HRMS	Total TCDF
Aqueous/Solid	EPA 300.0	IC	Bromide
Aqueous/Solid	EPA 300.0	IC	Chloride
Aqueous/Solid	EPA 300.0	IC	Fluoride
Aqueous/Solid	EPA 300.0	IC	Nitrate



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Analytical Resources, Inc.

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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 300.0	IC	Nitrite
Aqueous/Solid	EPA 300.0	IC	Sulfate
Aqueous/Solid	EPA 6010D	ICP-OES	Aluminum
Aqueous/Solid	EPA 6010D	ICP-OES	Antimony
Aqueous/Solid	EPA 6010D	ICP-OES	Arsenic
Aqueous/Solid	EPA 6010D	ICP-OES	Barium
Aqueous/Solid	EPA 6010D	ICP-OES	Beryllium
Aqueous/Solid	EPA 6010D	ICP-OES	Boron
Aqueous/Solid	EPA 6010D	ICP-OES	Cadmium
Aqueous/Solid	EPA 6010D	ICP-OES	Calcium
Aqueous/Solid	EPA 6010D	ICP-OES	Chromium
Aqueous/Solid	EPA 6010D	ICP-OES	Cobalt
Aqueous/Solid	EPA 6010D	ICP-OES	Copper
Aqueous/Solid	EPA 6010D	ICP-OES	Iron
Aqueous/Solid	EPA 6010D	ICP-OES	Lead
Aqueous/Solid	EPA 6010D	ICP-OES	Magnesium
Aqueous/Solid	EPA 6010D	ICP-OES	Manganese
Aqueous/Solid	EPA 6010D	ICP-OES	Molybdenum
Aqueous/Solid	EPA 6010D	ICP-OES	Nickel
Aqueous/Solid	EPA 6010D	ICP-OES	Potassium
Aqueous/Solid	EPA 6010D	ICP-OES	Selenium
Aqueous/Solid	EPA 6010D	ICP-OES	Silver
Aqueous/Solid	EPA 6010D	ICP-OES	Sodium
Aqueous/Solid	EPA 6010D	ICP-OES	Strontium
Aqueous/Solid	EPA 6010D	ICP-OES	Thallium
Aqueous/Solid	EPA 6010D	ICP-OES	Tin
Aqueous/Solid	EPA 6010D	ICP-OES	Titanium
Aqueous/Solid	EPA 6010D	ICP-OES	Vanadium
Aqueous/Solid	EPA 6010D	ICP-OES	Zinc
Aqueous/Solid	EPA 6020B	ICP-MS	Aluminum
Aqueous/Solid	EPA 6020B	ICP-MS	Antimony
Aqueous/Solid	EPA 6020B	ICP-MS	Arsenic
Aqueous/Solid	EPA 6020B	ICP-MS	Barium
Aqueous/Solid	EPA 6020B	ICP-MS	Beryllium
Aqueous/Solid	EPA 6020B	ICP-MS	Cadmium



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 6020B	ICP-MS	Calcium
Aqueous/Solid	EPA 6020B	ICP-MS	Chromium
Aqueous/Solid	EPA 6020B	ICP-MS	Cobalt
Aqueous/Solid	EPA 6020B	ICP-MS	Copper
Aqueous/Solid	EPA 6020B	ICP-MS	Iron
Aqueous/Solid	EPA 6020B	ICP-MS	Lead
Aqueous/Solid	EPA 6020B	ICP-MS	Magnesium
Aqueous/Solid	EPA 6020B	ICP-MS	Manganese
Aqueous/Solid	EPA 6020B	ICP-MS	Molybdenum
Aqueous/Solid	EPA 6020B	ICP-MS	Nickel
Aqueous/Solid	EPA 6020B	ICP-MS	Potassium
Aqueous/Solid	EPA 6020B	ICP-MS	Selenium
Aqueous/Solid	EPA 6020B	ICP-MS	Silver
Aqueous/Solid	EPA 6020B	ICP-MS	Sodium
Aqueous/Solid	EPA 6020B	ICP-MS	Thallium
Aqueous/Solid	EPA 6020B	ICP-MS	Vanadium
Aqueous/Solid	EPA 6020B	ICP-MS	Zinc
Aqueous/Solid	EPA 7196A	Colorimetric	Hexavalent Chromium
Aqueous/Solid	EPA 8015C	GC-FID	Diesel (TPH-D, DRO)
Aqueous/Solid	EPA 8081B	GC-ECD	2,4'-DDD
Aqueous/Solid	EPA 8081B	GC-ECD	2,4'-DDE
Aqueous/Solid	EPA 8081B	GC-ECD	2,4'-DDT
Aqueous/Solid	EPA 8081B	GC-ECD	4,4'-DDD
Aqueous/Solid	EPA 8081B	GC-ECD	4,4'-DDE
Aqueous/Solid	EPA 8081B	GC-ECD	4,4'-DDT
Aqueous/Solid	EPA 8081B	GC-ECD	Aldrin
Aqueous/Solid	EPA 8081B	GC-ECD	Alpha-BHC
Aqueous/Solid	EPA 8081B	GC-ECD	Beta-BHC
Aqueous/Solid	EPA 8081B	GC-ECD	Chlordane-technical
Aqueous/Solid	EPA 8081B	GC-ECD	cis-Chlordane
Aqueous/Solid	EPA 8081B	GC-ECD	cis-Nonachlor
Aqueous/Solid	EPA 8081B	GC-ECD	Delta-BHC
Aqueous/Solid	EPA 8081B	GC-ECD	Dieldrin
Aqueous/Solid	EPA 8081B	GC-ECD	Endosulfan I
Aqueous/Solid	EPA 8081B	GC-ECD	Endosulfan II



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8081B	GC-ECD	Endosulfan Sulfate
Aqueous/Solid	EPA 8081B	GC-ECD	Endrin
Aqueous/Solid	EPA 8081B	GC-ECD	Endrin Aldehyde
Aqueous/Solid	EPA 8081B	GC-ECD	Endrin Ketone
Aqueous/Solid	EPA 8081B	GC-ECD	Gamma-BHC (Lindane)
Aqueous/Solid	EPA 8081B	GC-ECD	Heptachlor
Aqueous/Solid	EPA 8081B	GC-ECD	Heptachlor Epoxide
Aqueous/Solid	EPA 8081B	GC-ECD	Hexachlorobenzene
Aqueous/Solid	EPA 8081B	GC-ECD	Hexachlorobutadiene
Aqueous/Solid	EPA 8081B	GC-ECD	Methoxychlor
Aqueous/Solid	EPA 8081B	GC-ECD	Mirex
Aqueous/Solid	EPA 8081B	GC-ECD	oxy-Chlordane
Aqueous/Solid	EPA 8081B	GC-ECD	Toxaphene
Aqueous/Solid	EPA 8081B	GC-ECD	trans-Chlordane
Aqueous/Solid	EPA 8081B	GC-ECD	trans-Nonachlor
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor-1016 (PCB-1016)
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor-1221 (PCB-1221)
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor-1232 (PCB-1232)
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor-1242 (PCB-1242)
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor-1248 (PCB-1248)
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor-1254 (PCB-1254)
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor-1260 (PCB-1260)
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor-1262 (PCB-1262)
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor-1268 (PCB-1268)
Aqueous/Solid	EPA 8260D	GC-MS	1,1,1,2-Tetrachloroethane
Aqueous/Solid	EPA 8260D	GC-MS	1,1,1-Trichloroethane
Aqueous/Solid	EPA 8260D	GC-MS	1,1,2,2-Tetrachloroethane
Aqueous/Solid	EPA 8260D	GC-MS	1,1,2-Trichloro-1,2,2-Trifluoroethane
Aqueous/Solid	EPA 8260D	GC-MS	1,1,2-Trichloroethane
Aqueous/Solid	EPA 8260D	GC-MS	1,1-Dichloroethane
Aqueous/Solid	EPA 8260D	GC-MS	1,1-Dichloroethene
Aqueous/Solid	EPA 8260D	GC-MS	1,1-Dichloropropene
Aqueous/Solid	EPA 8260D	GC-MS	1,2,3-Trichlorobenzene
Aqueous/Solid	EPA 8260D	GC-MS	1,2,3-Trichloropropane
Aqueous/Solid	EPA 8260D	GC-MS	1,2,4-Trichlorobenzene



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Analytical Resources, Inc.

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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8260D	GC-MS	1,2,4-Trimethylbenzene
Aqueous/Solid	EPA 8260D	GC-MS	1,2-Dibromo 3-Chloropropane
Aqueous/Solid	EPA 8260D	GC-MS	1,2-Dibromoethane
Aqueous/Solid	EPA 8260D	GC-MS	1,2-Dichlorobenzene
Aqueous/Solid	EPA 8260D	GC-MS	1,2-Dichloroethane
Aqueous/Solid	EPA 8260D	GC-MS	1,2-Dichloropropane
Aqueous/Solid	EPA 8260D	GC-MS	1,3,5-Trimethyl Benzene
Aqueous/Solid	EPA 8260D	GC-MS	1,3-Dichlorobenzene
Aqueous/Solid	EPA 8260D	GC-MS	1,3-Dichloropropane
Aqueous/Solid	EPA 8260D	GC-MS	1,4-Dichlorobenzene
Aqueous/Solid	EPA 8260D	GC-MS	2,2-Dichloropropane
Aqueous/Solid	EPA 8260D	GC-MS	2-Butanone
Aqueous/Solid	EPA 8260D	GC-MS	2-Chloroethyl Vinyl Ether
Aqueous/Solid	EPA 8260D	GC-MS	2-Chlorotoluene
Aqueous/Solid	EPA 8260D	GC-MS	2-Hexanone
Aqueous/Solid	EPA 8260D	GC-MS	4-Chlorotoluene
Aqueous/Solid	EPA 8260D	GC-MS	4-Isopropyl Toluene
Aqueous/Solid	EPA 8260D	GC-MS	4-Methyl-2-Pentanone
Aqueous/Solid	EPA 8260D	GC-MS	Acetone
Aqueous/Solid	EPA 8260D	GC-MS	Acrolein
Aqueous/Solid	EPA 8260D	GC-MS	Acrylonitrile
Aqueous/Solid	EPA 8260D	GC-MS	Benzene
Aqueous/Solid	EPA 8260D	GC-MS	Bromobenzene
Aqueous/Solid	EPA 8260D	GC-MS	Bromochloromethane
Aqueous/Solid	EPA 8260D	GC-MS	Bromodichloromethane
Aqueous/Solid	EPA 8260D	GC-MS	Bromoethane
Aqueous/Solid	EPA 8260D	GC-MS	Bromoform
Aqueous/Solid	EPA 8260D	GC-MS	Bromomethane
Aqueous/Solid	EPA 8260D	GC-MS	Carbon Disulfide
Aqueous/Solid	EPA 8260D	GC-MS	Carbon Tetrachloride
Aqueous/Solid	EPA 8260D	GC-MS	Chlorobenzene
Aqueous/Solid	EPA 8260D	GC-MS	Chlorodibromomethane
Aqueous/Solid	EPA 8260D	GC-MS	Chloroethane
Aqueous/Solid	EPA 8260D	GC-MS	Chloroform
Aqueous/Solid	EPA 8260D	GC-MS	Chloromethane



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

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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8260D	GC-MS	cis-1,2-Dichloroethene
Aqueous/Solid	EPA 8260D	GC-MS	cis-1,3-Dichloropropene
Aqueous/Solid	EPA 8260D	GC-MS	Dibromomethane
Aqueous/Solid	EPA 8260D	GC-MS	Dichlorodifluoromethane
Aqueous/Solid	EPA 8260D	GC-MS	Ethyl Benzene
Aqueous/Solid	EPA 8260D	GC-MS	GRO
Aqueous/Solid	EPA 8260D	GC-MS	Hexachloro-1,3-Butadiene
Aqueous/Solid	EPA 8260D	GC-MS	Iodomethane
Aqueous/Solid	EPA 8260D	GC-MS	Isopropyl Benzene
Aqueous/Solid	EPA 8260D	GC-MS	m,p-Xylene
Aqueous/Solid	EPA 8260D	GC-MS	Methylene Chloride
Aqueous/Solid	EPA 8260D	GC-MS	Methyl-t-butyl ether (MTBE)
Aqueous/Solid	EPA 8260D	GC-MS	Naphthalene
Aqueous/Solid	EPA 8260D	GC-MS	n-Butyl Benzene
Aqueous/Solid	EPA 8260D	GC-MS	n-Propyl Benzene
Aqueous/Solid	EPA 8260D	GC-MS	o-Xylene
Aqueous/Solid	EPA 8260D	GC-MS	s-Butylbenzene
Aqueous/Solid	EPA 8260D	GC-MS	Styrene
Aqueous/Solid	EPA 8260D	GC-MS	t-Butylbenzene
Aqueous/Solid	EPA 8260D	GC-MS	Tetrachloroethene
Aqueous/Solid	EPA 8260D	GC-MS	Toluene
Aqueous/Solid	EPA 8260D	GC-MS	trans-1,2-Dichloroethene
Aqueous/Solid	EPA 8260D	GC-MS	trans-1,3-Dichloropropene
Aqueous/Solid	EPA 8260D	GC-MS	trans-1,4-Dichloro-2-Butene
Aqueous/Solid	EPA 8260D	GC-MS	Trichloroethene
Aqueous/Solid	EPA 8260D	GC-MS	Trichlorofluoromethane
Aqueous/Solid	EPA 8260D	GC-MS	Vinyl Acetate
Aqueous/Solid	EPA 8260D	GC-MS	Vinyl Chloride
Aqueous/Solid	EPA 8270E	GC-MS	1,2,4,5-Tetrachlorobenzene
Aqueous/Solid	EPA 8270E	GC-MS	1,2,4-Trichlorobenzene
Aqueous/Solid	EPA 8270E	GC-MS	1,2-Dichlorobenzene
Aqueous/Solid	EPA 8270E	GC-MS	1,3-Dichlorobenzene
Aqueous/Solid	EPA 8270E	GC-MS	1,4-Dichlorobenzene
Aqueous/Solid	EPA 8270E	GC-MS	1,4-Dioxane
Aqueous/Solid	EPA 8270E	GC-MS	1-methylnaphthalene



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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8270E	GC-MS	2,2'-oxybis(1-Chloropropane)
Aqueous/Solid	EPA 8270E	GC-MS	2,3,4,6-Tetrachlorophenol
Aqueous/Solid	EPA 8270E	GC-MS	2,4,5-Trichlorophenol
Aqueous/Solid	EPA 8270E	GC-MS	2,4,6-Trichlorophenol
Aqueous/Solid	EPA 8270E	GC-MS	2,4-Dichlorophenol
Aqueous/Solid	EPA 8270E	GC-MS	2,4-Dimethylphenol
Aqueous/Solid	EPA 8270E	GC-MS	2,4-Dinitrophenol
Aqueous/Solid	EPA 8270E	GC-MS	2,4-Dinitrotoluene
Aqueous/Solid	EPA 8270E	GC-MS	2,6-Dinitrotoluene
Aqueous/Solid	EPA 8270E	GC-MS	2-Chloronaphthalene
Aqueous/Solid	EPA 8270E	GC-MS	2-Chlorophenol
Aqueous/Solid	EPA 8270E	GC-MS	2-Methylnaphthalene
Aqueous/Solid	EPA 8270E	GC-MS	2-Methylphenol
Aqueous/Solid	EPA 8270E	GC-MS	2-Nitroaniline
Aqueous/Solid	EPA 8270E	GC-MS	2-Nitrophenol
Aqueous/Solid	EPA 8270E	GC-MS	3,3'-Dichlorobenzidine
Aqueous/Solid	EPA 8270E	GC-MS	3-Nitroaniline
Aqueous/Solid	EPA 8270E	GC-MS	4,6-Dinitro-2-methylphenol
Aqueous/Solid	EPA 8270E	GC-MS	4-Bromophenyl-phenylether
Aqueous/Solid	EPA 8270E	GC-MS	4-Chloro-3-methylphenol
Aqueous/Solid	EPA 8270E	GC-MS	4-Chloroaniline
Aqueous/Solid	EPA 8270E	GC-MS	4-Chlorophenyl-phenylether
Aqueous/Solid	EPA 8270E	GC-MS	4-Methylphenol
Aqueous/Solid	EPA 8270E	GC-MS	4-Nitroaniline
Aqueous/Solid	EPA 8270E	GC-MS	4-Nitrophenol
Aqueous/Solid	EPA 8270E	GC-MS	Acenaphthene
Aqueous/Solid	EPA 8270E	GC-MS	Acenaphthylene
Aqueous/Solid	EPA 8270E	GC-MS	Aniline
Aqueous/Solid	EPA 8270E	GC-MS	Anthracene
Aqueous/Solid	EPA 8270E	GC-MS	Benzidine
Aqueous/Solid	EPA 8270E	GC-MS	Benzo(a)anthracene
Aqueous/Solid	EPA 8270E	GC-MS	Benzo(a)pyrene
Aqueous/Solid	EPA 8270E	GC-MS	Benzo(b)fluoranthene
Aqueous/Solid	EPA 8270E	GC-MS	Benzo(g,h,i)perylene
Aqueous/Solid	EPA 8270E	GC-MS	Benzo(k)fluoranthene



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Analytical Resources, Inc.

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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8270E	GC-MS	Benzoic acid
Aqueous/Solid	EPA 8270E	GC-MS	Benzyl alcohol
Aqueous/Solid	EPA 8270E	GC-MS	Bis(2-Chloroethoxy)methane
Aqueous/Solid	EPA 8270E	GC-MS	Bis(2-Chloroethyl)ether
Aqueous/Solid	EPA 8270E	GC-MS	bis(2-Ethylhexyl)phthalate
Aqueous/Solid	EPA 8270E	GC-MS	Butyl Diphenyl Phosphate
Aqueous/Solid	EPA 8270E	GC-MS	Butylatedhydroxytoluene (BHT)
Aqueous/Solid	EPA 8270E	GC-MS	Butylbenzylphthalate
Aqueous/Solid	EPA 8270E	GC-MS	Carbazole
Aqueous/Solid	EPA 8270E	GC-MS	Chrysene
Aqueous/Solid	EPA 8270E	GC-MS	Dibenzo(a,h)anthracene
Aqueous/Solid	EPA 8270E	GC-MS	Dibenzofuran
Aqueous/Solid	EPA 8270E	GC-MS	Dibutyl Phenyl Phosphate
Aqueous/Solid	EPA 8270E	GC-MS	Diethylphthalate
Aqueous/Solid	EPA 8270E	GC-MS	Dimethylphthalate
Aqueous/Solid	EPA 8270E	GC-MS	Di-n-butylphthalate
Aqueous/Solid	EPA 8270E	GC-MS	Di-n-octylphthalate
Aqueous/Solid	EPA 8270E	GC-MS	Fluoranthene
Aqueous/Solid	EPA 8270E	GC-MS	Fluorene
Aqueous/Solid	EPA 8270E	GC-MS	Hexachlorobenzene
Aqueous/Solid	EPA 8270E	GC-MS	Hexachlorobutadiene
Aqueous/Solid	EPA 8270E	GC-MS	Hexachlorocyclopentadiene
Aqueous/Solid	EPA 8270E	GC-MS	Hexachloroethane
Aqueous/Solid	EPA 8270E	GC-MS	Indeno(1,2,3-cd)pyrene
Aqueous/Solid	EPA 8270E	GC-MS	Isophorone
Aqueous/Solid	EPA 8270E	GC-MS	Naphthalene
Aqueous/Solid	EPA 8270E	GC-MS	Nitrobenzene
Aqueous/Solid	EPA 8270E	GC-MS	N-Nitrosodimethylamine
Aqueous/Solid	EPA 8270E	GC-MS	N-Nitroso-di-n-propylamine
Aqueous/Solid	EPA 8270E	GC-MS	N-Nitrosodiphenylamine
Aqueous/Solid	EPA 8270E	GC-MS	Pentachlorophenol
Aqueous/Solid	EPA 8270E	GC-MS	Phenanthrene
Aqueous/Solid	EPA 8270E	GC-MS	Phenol
Aqueous/Solid	EPA 8270E	GC-MS	Pyrene
Aqueous/Solid	EPA 8270E	GC-MS	Pyridine



Certificate of Accreditation: Supplement

ISO/IEC 17025:2017 and DoD-ELAP

Analytical Resources, Inc.

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:

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8270E	GC-MS	Tributyl Phosphate
Aqueous/Solid	EPA 8270E	GC-MS	Triphenyl Phosphate
Aqueous/Solid	EPA 8290A	HRGC-HRMS	1,2,3,4,6,7,8-HpCDD
Aqueous/Solid	EPA 8290A	HRGC-HRMS	1,2,3,4,6,7,8-HpCDF
Aqueous/Solid	EPA 8290A	HRGC-HRMS	1,2,3,4,7,8,9-HpCDF
Aqueous/Solid	EPA 8290A	HRGC-HRMS	1,2,3,4,7,8-HxCDD
Aqueous/Solid	EPA 8290A	HRGC-HRMS	1,2,3,4,7,8-HxCDF
Aqueous/Solid	EPA 8290A	HRGC-HRMS	1,2,3,6,7,8-HxCDD
Aqueous/Solid	EPA 8290A	HRGC-HRMS	1,2,3,6,7,8-HxCDF
Aqueous/Solid	EPA 8290A	HRGC-HRMS	1,2,3,7,8,9-HxCDD
Aqueous/Solid	EPA 8290A	HRGC-HRMS	1,2,3,7,8,9-HxCDF
Aqueous/Solid	EPA 8290A	HRGC-HRMS	1,2,3,7,8-PeCDD
Aqueous/Solid	EPA 8290A	HRGC-HRMS	1,2,3,7,8-PeCDF
Aqueous/Solid	EPA 8290A	HRGC-HRMS	2,3,4,6,7,8-HxCDF
Aqueous/Solid	EPA 8290A	HRGC-HRMS	2,3,4,7,8-PeCDF
Aqueous/Solid	EPA 8290A	HRGC-HRMS	2,3,7,8-TCDD
Aqueous/Solid	EPA 8290A	HRGC-HRMS	2,3,7,8-TCDF
Aqueous/Solid	EPA 8290A	HRGC-HRMS	OCDD
Aqueous/Solid	EPA 8290A	HRGC-HRMS	OCDF
Aqueous/Solid	EPA 8290A	HRGC-HRMS	Total HpCDD
Aqueous/Solid	EPA 8290A	HRGC-HRMS	Total HpCDF
Aqueous/Solid	EPA 8290A	HRGC-HRMS	Total HxCDD
Aqueous/Solid	EPA 8290A	HRGC-HRMS	Total HxCDF
Aqueous/Solid	EPA 8290A	HRGC-HRMS	Total PeCDD
Aqueous/Solid	EPA 8290A	HRGC-HRMS	Total PeCDF
Aqueous/Solid	EPA 8290A	HRGC-HRMS	Total TCDD
Aqueous/Solid	EPA 8290A	HRGC-HRMS	Total TCDF
Aqueous/Solid	EPA 9056A	IC	Bromide
Aqueous/Solid	EPA 9056A	IC	Chloride
Aqueous/Solid	EPA 9056A	IC	Fluoride
Aqueous/Solid	EPA 9056A	IC	Nitrate
Aqueous/Solid	EPA 9056A	IC	Nitrite
Aqueous/Solid	EPA 9056A	IC	Phosphate
Aqueous/Solid	EPA 9056A	IC	Sulfate
Aqueous/Solid	NWTPH-D	GC-FID	Diesel (TPH-D, DRO)



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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	NWTPH-Dext	GC-FID	Motor Oil (RRO)
Aqueous/Solid	NWTPH-G	GC-MS	Gasoline (TPH-G, GRO)
Aqueous/Solid	SM 2540 G-97	Gravimetric	Total / Fixed Solid
Aqueous/Solid	SM 4110-B00, 4100	IC	Bromide
Aqueous/Solid	SM 4110-B00, 4100	IC	Chloride
Aqueous/Solid	SM 4110-B00, 4100	IC	Fluoride
Aqueous/Solid	SM 4110-B00, 4100	IC	Nitrate
Aqueous/Solid	SM 4110-B00, 4100	IC	Nitrite
Aqueous/Solid	SM 4110-B00, 4100	IC	Phosphate
Aqueous/Solid	SM 4110-B00, 4100	IC	Sulfate
Aqueous/Solid	SM 4500-S2 D-2011	Colorimetric	Sulfide
Aqueous/Solid	SM 4500-NH3 D-97	Colorimetric	Ammonia
Aqueous/Solid	SM 4500-Norg D-97	Colorimetric	Total Kjeldahl Nitrogen
Aqueous/Solid	SM4500-CN E	Colorimetric	Cyanide
Aqueous/Solid	WA-EPH	GC-FID	Extractable Petroleum Hydrocarbons
Solid	WA-VPH	GC-FID/PID	Volatile Petroleum Hydrocarbons
Aqueous/Solid	EPA 3630	Cleanup	NWTPH-Dx Silica Gel Cleanup
Aqueous/Solid	EPA 1311	Leaching	Toxicity Characteristic Leaching Procedure
Aqueous/Solid	EPA 1312	Leaching	Synthetic Precipitation Leaching Procedure
Aqueous/Solid	EPA 3050B	Acid Digestion	Digestion Prep Method
Aqueous/Solid	EPA 3580A	Waste Dilution	Extraction Prep Method