



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

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

***Absolute Resource Associates***  
***124 Heritage Ave. Unit 16, Portsmouth, NH 03801***

*(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 5.3 May 2019 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)***

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

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:

<i>Initial Accreditation Date:</i>	<i>Issue Date:</i>	<i>Expiration Date:</i>
May 12, 2014	May 6, 2021	July 31, 2023

<i>Accreditation No.:</i>	<i>Certificate No.:</i>
78237	L21--300

Tracy Szerszen  
President

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](http://www.pjllabs.com)*



# Certificate of Accreditation: Supplement

ISO/IEC 17025:2017 and DoD-ELAP

## Absolute Resource Associates

124 Heritage Ave. Unit 16, Portsmouth, NH 03801  
 Contact Name: Jennifer Guerette Phone: 603-436-2001

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

Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 8260D	GC-MS	Ethyl-t-butylether (ETBE)
Aqueous	EPA 8260D	GC-MS	tert-Butyl alcohol
Aqueous	EPA 7470A	CVAA	Mercury
Aqueous	SM 2340B	ICP-MS	Hardness (by calculation)
Drinking Water	EPA 524.2	GC-MS	Bromodichloromethane
Drinking Water	EPA 524.2	GC-MS	Bromoform
Drinking Water	EPA 524.2	GC-MS	Chloroform
Drinking Water	EPA 524.2	GC-MS	1,1,1,2-Tetrachloroethane
Drinking Water	EPA 524.2	GC-MS	1,1,1-Trichloroethane
Drinking Water	EPA 524.2	GC-MS	1,1,2,2-Tetrachloroethane
Drinking Water	EPA 524.2	GC-MS	1,1,2-Trichloroethane
Drinking Water	EPA 524.2	GC-MS	1,1-Dichloroethane
Drinking Water	EPA 524.2	GC-MS	1,1-Dichloroethylene
Drinking Water	EPA 524.2	GC-MS	1,1-Dichloropropene
Drinking Water	EPA 524.2	GC-MS	1,2,3-Trichlorobenzene
Drinking Water	EPA 524.2	GC-MS	1,2,3-Trichloropropane
Drinking Water	EPA 524.2	GC-MS	1,2,4-Trichlorobenzene
Drinking Water	EPA 524.2	GC-MS	1,2,4-Trimethylbenzene
Drinking Water	EPA 524.2	GC-MS	1,2-Dibromo-3-chloropropane (DBCP)
Drinking Water	EPA 524.2	GC-MS	1,2-Dibromoethane (EDB)
Drinking Water	EPA 524.2	GC-MS	1,2-Dichlorobenzene
Drinking Water	EPA 524.2	GC-MS	1,2-Dichloroethane
Drinking Water	EPA 524.2	GC-MS	1,2-Dichloropropane
Drinking Water	EPA 524.2	GC-MS	1,3,5-Trimethylbenzene
Drinking Water	EPA 524.2	GC-MS	1,3-Dichlorobenzene
Drinking Water	EPA 524.2	GC-MS	1,3-Dichloropropane
Drinking Water	EPA 524.2	GC-MS	1,4-Dichlorobenzene
Drinking Water	EPA 524.2	GC-MS	2,2-Dichloropropane
Drinking Water	EPA 524.2	GC-MS	2-Chlorotoluene
Drinking Water	EPA 524.2	GC-MS	4-Chlorotoluene
Drinking Water	EPA 524.2	GC-MS	4-Isopropyltoluene
Drinking Water	EPA 524.2	GC-MS	Benzene
Drinking Water	EPA 524.2	GC-MS	Bromobenzene
Drinking Water	EPA 524.2	GC-MS	Bromochloromethane
Drinking Water	EPA 524.2	GC-MS	Bromomethane



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Matrix	Standard/Method	Technology	Analyte
Drinking Water	EPA 524.2	GC-MS	c 1,3-Dichloropropene
Drinking Water	EPA 524.2	GC-MS	c-1,2-Dichloroethene
Drinking Water	EPA 524.2	GC-MS	Carbon Tetrachloride
Drinking Water	EPA 524.2	GC-MS	Chlorobenzene
Drinking Water	EPA 524.2	GC-MS	Chloroethane
Drinking Water	EPA 524.2	GC-MS	Chloromethane
Drinking Water	EPA 524.2	GC-MS	Dibromochloromethane
Drinking Water	EPA 524.2	GC-MS	Dibromomethane
Drinking Water	EPA 524.2	GC-MS	Dichlorodifluoromethane
Drinking Water	EPA 524.2	GC-MS	Di-isopropylether (DIPE)
Drinking Water	EPA 524.2	GC-MS	Ethylbenzene
Drinking Water	EPA 524.2	GC-MS	Ethyl-t-butylether (ETBE)
Drinking Water	EPA 524.2	GC-MS	Hexachlorobutadiene
Drinking Water	EPA 524.2	GC-MS	Isopropylbenzene
Drinking Water	EPA 524.2	GC-MS	M&P Xylenes
Drinking Water	EPA 524.2	GC-MS	Methylene Chloride
Drinking Water	EPA 524.2	GC-MS	Methyl t-Butyl Ether (MTBE)
Drinking Water	EPA 524.2	GC-MS	Naphthalene
Drinking Water	EPA 524.2	GC-MS	n-Butylbenzene
Drinking Water	EPA 524.2	GC-MS	n-Propylbenzene
Drinking Water	EPA 524.2	GC-MS	O-xylene
Drinking Water	EPA 524.2	GC-MS	sec-Butylbenzene
Drinking Water	EPA 524.2	GC-MS	Styrene
Drinking Water	EPA 524.2	GC-MS	t 1,2-Dichloroethylene
Drinking Water	EPA 524.2	GC-MS	t 1,3-Dichloropropene
Drinking Water	EPA 524.2	GC-MS	T-amylmethylether (TAME)
Drinking Water	EPA 524.2	GC-MS	tert-Butyl alcohol (TBA)
Drinking Water	EPA 524.2	GC-MS	tert-Butylbenzene
Drinking Water	EPA 524.2	GC-MS	Tetrachloroethylene
Drinking Water	EPA 524.2	GC-MS	Toluene
Drinking Water	EPA 524.2	GC-MS	Total Trihalomethanes
Drinking Water	EPA 524.2	GC-MS	Total Xylenes
Drinking Water	EPA 524.2	GC-MS	Trichloroethylene
Drinking Water	EPA 524.2	GC-MS	Trichlorofluoromethane



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Matrix	Standard/Method	Technology	Analyte
Drinking Water	EPA 524.2	GC-MS	Vinyl Chloride
Solid	EPA 7471B	CVAA	Mercury
Solid	SM 2540B	Gravimetric	Total Solids
Solid	SM 2540G	Gravimetric	Total Fixed and Volatile Solids
Aqueous/Solid	EPA 6020A	ICP-MS	Aluminum
Aqueous/Solid	EPA 6020A	ICP-MS	Antimony
Aqueous/Solid	EPA 6020A	ICP-MS	Arsenic
Aqueous/Solid	EPA 6020A	ICP-MS	Barium
Aqueous/Solid	EPA 6020A	ICP-MS	Beryllium
Aqueous/Solid	EPA 6020A	ICP-MS	Boron
Aqueous/Solid	EPA 6020A	ICP-MS	Cadmium
Aqueous/Solid	EPA 6020A	ICP-MS	Calcium
Aqueous/Solid	EPA 6020A	ICP-MS	Chromium
Aqueous/Solid	EPA 6020A	ICP-MS	Cobalt
Aqueous/Solid	EPA 6020A	ICP-MS	Copper
Aqueous/Solid	EPA 6020A	ICP-MS	Iron
Aqueous/Solid	EPA 6020A	ICP-MS	Lead
Aqueous/Solid	EPA 6020A	ICP-MS	Magnesium
Aqueous/Solid	EPA 6020A	ICP-MS	Manganese
Aqueous/Solid	EPA 6020A	ICP-MS	Molybdenum
Aqueous/Solid	EPA 6020A	ICP-MS	Nickel
Aqueous/Solid	EPA 6020A	ICP-MS	Potassium
Aqueous/Solid	EPA 6020A	ICP-MS	Selenium
Aqueous/Solid	EPA 6020A	ICP-MS	Silver
Aqueous/Solid	EPA 6020A	ICP-MS	Sodium
Aqueous/Solid	EPA 6020A	ICP-MS	Strontium
Aqueous/Solid	EPA 6020A	ICP-MS	Thallium
Aqueous/Solid	EPA 6020A	ICP-MS	Tin
Aqueous/Solid	EPA 6020A	ICP-MS	Titanium
Aqueous/Solid	EPA 6020A	ICP-MS	Vanadium
Aqueous/Solid	EPA 6020A	ICP-MS	Zinc
Aqueous/Solid	EPA 8015D	GC-FID	Diesel Range Organics (DRO)
Aqueous/Solid	EPA 8015D	GC-FID	Gasoline Range Organics (GRO)
Aqueous/Solid	EPA 8081B	GC-ECD	Aldrin
Aqueous/Solid	EPA 8081B	GC-ECD	alpha-BHC



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8081B	GC-ECD	alpha-Chlordane
Aqueous/Solid	EPA 8081B	GC-ECD	beta-BHC
Aqueous/Solid	EPA 8081B	GC-ECD	DDD (4,4)
Aqueous/Solid	EPA 8081B	GC-ECD	DDE (4,4)
Aqueous/Solid	EPA 8081B	GC-ECD	DDT (4,4)
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
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	gamma-Chlordane
Aqueous/Solid	EPA 8081B	GC-ECD	Heptachlor
Aqueous/Solid	EPA 8081B	GC-ECD	Heptachlor Epoxide (beta)
Aqueous/Solid	EPA 8081B	GC-ECD	Methoxychlor
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor 1016
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor 1016/1242
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor 1221
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor 1232
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor 1242
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor 1248
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor 1254
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor 1260
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-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 Dichlorobenzene
Aqueous/Solid	EPA 8260D	GC-MS	1,2 Dichloroethane
Aqueous/Solid	EPA 8260D	GC-MS	1,2,3-Trichlorobenzene



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Aqueous/Solid	EPA 8260D	GC-MS	1,2,3-Trichloropropane
Aqueous/Solid	EPA 8260D	GC-MS	1,2,4-Trichlorobenzene
Aqueous/Solid	EPA 8260D	GC-MS	1,2,4-Trimethylbenzene
Aqueous/Solid	EPA 8260D	GC-MS	1,2-Dibromo-3-chloropropane (DBCP)
Aqueous/Solid	EPA 8260D	GC-MS	1,2-Dibromoethane (EDB)
Aqueous/Solid	EPA 8260D	GC-MS	1,2-Dichloropropane
Aqueous/Solid	EPA 8260D	GC-MS	1,3 Dichlorobenzene
Aqueous/Solid	EPA 8260D	GC-MS	1,3,5-Trimethylbenzene
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 (MEK)
Aqueous/Solid	EPA 8260D	GC-MS	2-Chloroethylvinylether
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-Isopropyltoluene
Aqueous/Solid	EPA 8260D	GC-MS	4-Methyl-2-pentanone (MIBK)
Aqueous/Solid	EPA 8260D	GC-MS	Acetone
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	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	Chloroethane
Aqueous/Solid	EPA 8260D	GC-MS	Chloroform
Aqueous/Solid	EPA 8260D	GC-MS	Chloromethane
Aqueous/Solid	EPA 8260D	GC-MS	cis-1,2-Dichloroethene
Aqueous/Solid	EPA 8260D	GC-MS	cis-1,3-Dichloropropylene
Aqueous/Solid	EPA 8260D	GC-MS	Dibromochloromethane
Aqueous/Solid	EPA 8260D	GC-MS	Dibromomethane
Aqueous/Solid	EPA 8260D	GC-MS	Dichlorodifluoromethane



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ISO/IEC 17025:2017 and DoD-ELAP

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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	Di-isopropyl ether (DIPE)
Aqueous/Solid	EPA 8260D	GC-MS	Ethylbenzene
Aqueous/Solid	EPA 8260D	GC-MS	Hexachlorobutadiene
Aqueous/Solid	EPA 8260D	GC-MS	Isopropylbenzene
Aqueous/Solid	EPA 8260D	GC-MS	M&p-Xylenes
Aqueous/Solid	EPA 8260D	GC-MS	Methyl tert-butyl ether (MTBE)
Aqueous/Solid	EPA 8260D	GC-MS	Methylene Chloride
Aqueous/Solid	EPA 8260D	GC-MS	Naphthalene
Aqueous/Solid	EPA 8260D	GC-MS	n-Butylbenzene
Aqueous/Solid	EPA 8260D	GC-MS	n-propylbenzene
Aqueous/Solid	EPA 8260D	GC-MS	o-Xylene
Aqueous/Solid	EPA 8260D	GC-MS	sec-Butylbenzene
Aqueous/Solid	EPA 8260D	GC-MS	Styrene
Aqueous/Solid	EPA 8260D	GC-MS	TAME
Aqueous/Solid	EPA 8260D	GC-MS	tert-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	Trichloroethene
Aqueous/Solid	EPA 8260D	GC-MS	Trichlorofluoromethane
Aqueous/Solid	EPA 8260D	GC-MS	Vinyl chloride
Aqueous/Solid	EPA 8260D	GC-MS	Xylenes, total
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	2,4,5-Trichlorophenol
Aqueous/Solid	EPA 8270E	GC-MS	2,4,6-Trichlorophenol
Aqueous/Solid	EPA 8270E	GC-MS	2,2 Oxybis(1-Chloropropane)
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



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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-Chlorophenol
Aqueous/Solid	EPA 8270E	GC-MS	2-Methyl-4,6-Dinitrophenol
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-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 (and/or 3-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
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 benzyl phthalate
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





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<b>Matrix</b>	<b>Standard/Method</b>	<b>Technology</b>	<b>Analyte</b>
Aqueous/Solid	EPA 8270E	GC-MS	Diethyl phthalate
Aqueous/Solid	EPA 8270E	GC-MS	Dimethyl phthalate
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
Aqueous/Solid	EPA 8270E SIM	GC-MS	2-Methylnaphthalene
Aqueous/Solid	EPA 8270E SIM	GC-MS	Acenaphthene
Aqueous/Solid	EPA 8270E SIM	GC-MS	Acenaphthylene
Aqueous/Solid	EPA 8270E SIM	GC-MS	Anthracene
Aqueous/Solid	EPA 8270E SIM	GC-MS	Benzo(a)anthracene
Aqueous/Solid	EPA 8270E SIM	GC-MS	Benzo(a)pyrene
Aqueous/Solid	EPA 8270E SIM	GC-MS	Benzo(b)fluoranthene
Aqueous/Solid	EPA 8270E SIM	GC-MS	Benzo(g,h,i)perylene
Aqueous/Solid	EPA 8270E SIM	GC-MS	Benzo(k)fluoranthene
Aqueous/Solid	EPA 8270E SIM	GC-MS	Chrysene
Aqueous/Solid	EPA 8270E SIM	GC-MS	Dibenzo(a,h)anthracene
Aqueous/Solid	EPA 8270E SIM	GC-MS	Dibenzofuran
Aqueous/Solid	EPA 8270E SIM	GC-MS	Fluoranthene
Aqueous/Solid	EPA 8270E SIM	GC-MS	Fluorene



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 Contact Name: Jennifer Guerette Phone: 603-436-2001

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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8270E SIM	GC-MS	Indeno (1,2,3, cd)pyrene
Aqueous/Solid	EPA 8270E SIM	GC-MS	Naphthalene
Aqueous/Solid	EPA 8270E SIM	GC-MS	Phnenthene
Aqueous/Solid	MA EPH	GC-FID	2-Methylnaphthalene
Aqueous/Solid	MA EPH	GC-FID	Acenaphthene
Aqueous/Solid	MA EPH	GC-FID	Acenaphthylene
Aqueous/Solid	MA EPH	GC-FID	Anthracene
Aqueous/Solid	MA EPH	GC-FID	Benzo(a)anthracene
Aqueous/Solid	MA EPH	GC-FID	Benzo(a)pyrene
Aqueous/Solid	MA EPH	GC-FID	Benzo(b)fluoranthene
Aqueous/Solid	MA EPH	GC-FID	Benzo(g,h,i)perylene
Aqueous/Solid	MA EPH	GC-FID	Benzo(k)fluoranthene
Aqueous/Solid	MA EPH	GC-FID	C11-C22 Aromatic Hydrocarbons
Aqueous/Solid	MA EPH	GC-FID	C19-C36 Aliphatic Hydrocarbons
Aqueous/Solid	MA EPH	GC-FID	C9-C18 Aliphatic Hydrocarbons
Aqueous/Solid	MA EPH	GC-FID	Chrysene
Aqueous/Solid	MA EPH	GC-FID	Dibenzo(a,h)anthracene
Aqueous/Solid	MA EPH	GC-FID	Fluoranthene
Aqueous/Solid	MA EPH	GC-FID	Fluorene
Aqueous/Solid	MA EPH	GC-FID	Indeno(1,2,3-cd) pyrene
Aqueous/Solid	MA EPH	GC-FID	Naphthalene
Aqueous/Solid	MA EPH	GC-FID	Phenanthrene
Aqueous/Solid	MA EPH	GC-FID	Pyrene
Aqueous/Solid	MA VPH	GC-FID/PID	Benzene
Aqueous/Solid	MA VPH	GC-FID/PID	C5-C8 Aliphatic Hydrocarbons
Aqueous/Solid	MA VPH	GC-FID/PID	C9-C10 Aromatic Hydrocarbons
Aqueous/Solid	MA VPH	GC-FID/PID	C9-C12 Aliphatics
Aqueous/Solid	MA VPH	GC-FID/PID	Ethylbenzene
Aqueous/Solid	MA VPH	GC-FID/PID	m+p-Xylene
Aqueous/Solid	MA VPH	GC-FID/PID	Methyl tert-butyl ether (MTBE)
Aqueous/Solid	MA VPH	GC-FID/PID	Naphthalene
Aqueous/Solid	MA VPH	GC-FID/PID	o-Xylene
Aqueous/Solid	MA VPH	GC-FID/PID	Toluene
Aqueous/Solid	MA VPH	GC-FID/PID	Unadjusted C5-C8 Aliphatic HCs
Aqueous/Solid	MA VPH	GC-FID/PID	Unadjusted C9-C12 Aliphatic HCs
Aqueous/Solid	MA VPH	GC-FID/PID	Xylene, total



*Certificate of Accreditation: Supplement*  
ISO/IEC 17025:2017 and DoD-ELAP

**Absolute Resource Associates**  
124 Heritage Ave. Unit 16, Portsmouth, NH 03801  
Contact Name: Jennifer Guerette Phone: 603-436-2001

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

<b>Matrix</b>	<b>Standard/Method</b>	<b>Technology</b>
Aqueous	EPA 5030C	Purge-and-Trap for Aqueous Samples
Aqueous	EPA 3005A	Hot Plate
Aqueous	EPA 3510C	Separatory Funnel Extraction
Solid	EPA 5035A	Purge-and-Trap for Solid and Waste Samples
Solid	EPA 3546	Microwave Extraction
Solid	EPA 3550C	Ultrasonic Extraction
Solid	EPA 3051A	Micro Assisted Acid Digest/Metals
Solid	EPA 3540C	Soxhlet Extraction
Solid	EPA 3620C	Florisil Clean-up
Solid	ARA SOP QA-801	Incremental Sampling Methodology (ISM) Soil Preparation
Oil	EPA 3580A	Waste Dilution
Aqueous/Solid/Oil	EPA 3660B	Sulfur Clean-up
Aqueous/ Solid & Hazardous Waste	EPA 1311	TCLP Leaching Procedure