



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 17025:2005 “General Requirements for the competence of Testing and Calibration Laboratories” and the DoD Quality Systems Manual for Environmental Laboratories Version 5.1 January 2017 and is accredited in accordance with the:

**United States Department of Defense
Environmental Laboratory Accreditation Program (DoD-ELAP)
EPA NLLAP-LQSR Revision 3.0**

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/Operations Manager

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

<i>Initial Accreditation Date:</i>	<i>Issue Date:</i>	<i>Expiration Date:</i>
May 12, 2014	July 10, 2017	July 31, 2019

<i>Accreditation No.:</i>	<i>Certificate No.:</i>
78237	L17-282

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.pjilabs.com



Certificate of Accreditation: Supplement

ISO/IEC 17025:2005 and DoD-ELAP
EPA NLLAP-LQSR Revision 3.0

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:

ISO/IEC 17025:2005 and EPA NLLAP LQSR Version 3.0

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
Environmental	Air	Lead	NIOSH 7303
	Air		EPA 6020A
	TCLP Leachates		EPA 3005A
	Water, Solid & Hazardous Waste	TCLP	EPA 1311

ISO/IEC 17025:2005 and DoD ELAP

Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 8081B	GC-ECD	Chlordane (technical)
Aqueous	EPA 8260C	GC-MS	4-Isopropyltoluene
Aqueous	EPA 8260C	GC-MS	Ethyl-t-butylether (ETBE)
Aqueous	EPA 8260C	GC-MS	N-propylbenzene
Aqueous	EPA 8260C	GC-MS	tert-Butyl alcohol
Aqueous	EPA 7470A	CVAA	Mercury
Drinking Water	EPA 524.2	GC-MS	Bromodichloromethane
Drinking Water	EPA 524.2	GC-MS	Bromoform
Drinking Water	EPA 524.2	GC-MS	Chlorodibromomethane
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-Dichloro-2-propanone
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



Certificate of Accreditation: Supplement

ISO/IEC 17025:2005 and DoD-ELAP
EPA NLLAP-LQSR Revision 3.0

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
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	Bromodichloromethane
Drinking Water	EPA 524.2	GC-MS	Bromoform
Drinking Water	EPA 524.2	GC-MS	Bromomethane
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 Disulfide
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	Chloroform
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



Certificate of Accreditation: Supplement

ISO/IEC 17025:2005 and DoD-ELAP
EPA NLLAP-LQSR Revision 3.0

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
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
Drinking Water	EPA 524.2	GC-MS	Trichlorotrifluoroethane (Freon 113)
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



Certificate of Accreditation: Supplement

ISO/IEC 17025:2005 and DoD-ELAP
EPA NLLAP-LQSR Revision 3.0

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/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	Silicon
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 6020A	ICP-MS	Hardness (by calculation)
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
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



Certificate of Accreditation: Supplement

ISO/IEC 17025:2005 and DoD-ELAP
EPA NLLAP-LQSR Revision 3.0

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/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 8082A	GC-ECD	Aroclor 1268
Aqueous/Solid	EPA 8082A	GC-ECD	Aroclor-1262
Aqueous/Solid	EPA 8260C	GC-MS	1,1,1,2-Tetrachloroethane
Aqueous/Solid	EPA 8260C	GC-MS	1,1,1-Trichloroethane
Aqueous/Solid	EPA 8260C	GC-MS	1,1,2,2-Tetrachloroethane
Aqueous/Solid	EPA 8260C	GC-MS	1,1,2-Trichloroethane
Aqueous/Solid	EPA 8260C	GC-MS	1,1-Dichloroethane
Aqueous/Solid	EPA 8260C	GC-MS	1,1-Dichloroethene
Aqueous/Solid	EPA 8260C	GC-MS	1,1-Dichloropropene
Aqueous/Solid	EPA 8260C	GC-MS	1,2 Dichlorobenzene
Aqueous/Solid	EPA 8260C	GC-MS	1,2 Dichloroethane
Aqueous/Solid	EPA 8260C	GC-MS	1,2,3-Trichlorobenzene
Aqueous/Solid	EPA 8260C	GC-MS	1,2,3-Trichloropropane
Aqueous/Solid	EPA 8260C	GC-MS	1,2,4-Trichlorobenzene
Aqueous/Solid	EPA 8260C	GC-MS	1,2,4-Trimethylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	1,2-Dibromo-3-chloropropane (DBCP)
Aqueous/Solid	EPA 8260C	GC-MS	1,2-Dibromoethane (EDB)
Aqueous/Solid	EPA 8260C	GC-MS	1,2-Dichloropropane



Certificate of Accreditation: Supplement

ISO/IEC 17025:2005 and DoD-ELAP
EPA NLLAP-LQSR Revision 3.0

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/Solid	EPA 8260C	GC-MS	1,3 Dichlorobenzene
Aqueous/Solid	EPA 8260C	GC-MS	1,3,5-Trimethylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	1,3-Dichloropropane
Aqueous/Solid	EPA 8260C	GC-MS	1,4 Dichlorobenzene
Aqueous/Solid	EPA 8260C	GC-MS	2,2-Dichloropropane
Aqueous/Solid	EPA 8260C	GC-MS	2-Butanone (MEK)
Aqueous/Solid	EPA 8260C	GC-MS	2-Chloroethylvinylether
Aqueous/Solid	EPA 8260C	GC-MS	2-Chlorotoluene
Aqueous/Solid	EPA 8260C	GC-MS	2-Hexanone
Aqueous/Solid	EPA 8260C	GC-MS	4-Chlorotoluene
Aqueous/Solid	EPA 8260C	GC-MS	4-Methyl-2-pentanone (MIBK)
Aqueous/Solid	EPA 8260C	GC-MS	Acetone
Aqueous/Solid	EPA 8260C	GC-MS	Benzene
Aqueous/Solid	EPA 8260C	GC-MS	Bromobenzene
Aqueous/Solid	EPA 8260C	GC-MS	Bromochloromethane
Aqueous/Solid	EPA 8260C	GC-MS	Bromodichloromethane
Aqueous/Solid	EPA 8260C	GC-MS	Bromoform
Aqueous/Solid	EPA 8260C	GC-MS	Bromomethane
Aqueous/Solid	EPA 8260C	GC-MS	Carbon disulfide
Aqueous/Solid	EPA 8260C	GC-MS	Carbon tetrachloride
Aqueous/Solid	EPA 8260C	GC-MS	Chlorobenzene
Aqueous/Solid	EPA 8260C	GC-MS	Chloroform
Aqueous/Solid	EPA 8260C	GC-MS	Chloromethane
Aqueous/Solid	EPA 8260C	GC-MS	cis-1,2-Dichloroethene
Aqueous/Solid	EPA 8260C	GC-MS	cis-1,3-Dichloropropylene
Aqueous/Solid	EPA 8260C	GC-MS	Dibromochloromethane
Aqueous/Solid	EPA 8260C	GC-MS	Dibromomethane
Aqueous/Solid	EPA 8260C	GC-MS	Dichlorodifluoromethane
Aqueous/Solid	EPA 8260C	GC-MS	Di-isopropyl ether (DIPE)
Aqueous/Solid	EPA 8260C	GC-MS	Ethylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	Hexachlorobutadiene
Aqueous/Solid	EPA 8260C	GC-MS	Isopropylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	M&p-Xylenes
Aqueous/Solid	EPA 8260C	GC-MS	Methyl tert-butyl ether (MTBE)
Aqueous/Solid	EPA 8260C	GC-MS	Methylene Chloride
Aqueous/Solid	EPA 8260C	GC-MS	Naphthalene



Certificate of Accreditation: Supplement

ISO/IEC 17025:2005 and DoD-ELAP
EPA NLLAP-LQSR Revision 3.0

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/Solid	EPA 8260C	GC-MS	n-Butylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	o-Xylene
Aqueous/Solid	EPA 8260C	GC-MS	sec-Butylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	Styrene
Aqueous/Solid	EPA 8260C	GC-MS	TAME
Aqueous/Solid	EPA 8260C	GC-MS	tert-Butylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	Tetrachloroethene
Aqueous/Solid	EPA 8260C	GC-MS	Toluene
Aqueous/Solid	EPA 8260C	GC-MS	trans-1,2-Dichloroethene
Aqueous/Solid	EPA 8260C	GC-MS	trans-1,3-Dichloropropene
Aqueous/Solid	EPA 8260C	GC-MS	Trichloroethene
Aqueous/Solid	EPA 8260C	GC-MS	Trichlorofluoromethane
Aqueous/Solid	EPA 8260C	GC-MS	Vinyl acetate
Aqueous/Solid	EPA 8260C	GC-MS	Vinyl chloride
Aqueous/Solid	EPA 8260C	GC-MS	Xylenes, total
Aqueous/Solid	EPA 8270D	GC-MS	1,2,4-Trichlorobenzene
Aqueous/Solid	EPA 8270D	GC-MS	1,2-Dichlorobenzene
Aqueous/Solid	EPA 8270D	GC-MS	1,3-Dichlorobenzene
Aqueous/Solid	EPA 8270D	GC-MS	1,4-Dichlorobenzene
Aqueous/Solid	EPA 8270D	GC-MS	2,4,5-Trichlorophenol
Aqueous/Solid	EPA 8270D	GC-MS	2,4,6-Trichlorophenol
Aqueous/Solid	EPA 8270D	GC-MS	2,4-Dichlorophenol
Aqueous/Solid	EPA 8270D	GC-MS	2,4-Dimethylphenol
Aqueous/Solid	EPA 8270D	GC-MS	2,4-Dinitrophenol
Aqueous/Solid	EPA 8270D	GC-MS	2,4-Dinitrotoluene
Aqueous/Solid	EPA 8270D	GC-MS	2,6-Dinitrotoluene
Aqueous/Solid	EPA 8270D	GC-MS	2-Chloronaphthalene
Aqueous/Solid	EPA 8270D	GC-MS	2-Chlorophenol
Aqueous/Solid	EPA 8270D	GC-MS	2-Methyl-4,6-Dinitrophenol
Aqueous/Solid	EPA 8270D	GC-MS	2-Methylnaphthalene
Aqueous/Solid	EPA 8270D	GC-MS	2-Methylphenol
Aqueous/Solid	EPA 8270D	GC-MS	2-Nitroaniline
Aqueous/Solid	EPA 8270D	GC-MS	2-Nitrophenol
Aqueous/Solid	EPA 8270D	GC-MS	3,3'-Dichlorobenzidine
Aqueous/Solid	EPA 8270D	GC-MS	3-Nitroaniline
Aqueous/Solid	EPA 8270D	GC-MS	4-Bromophenyl-phenylether



Certificate of Accreditation: Supplement

ISO/IEC 17025:2005 and DoD-ELAP
EPA NLLAP-LQSR Revision 3.0

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/Solid	EPA 8270D	GC-MS	4-Chloro-3-methylphenol
Aqueous/Solid	EPA 8270D	GC-MS	4-Chloroaniline
Aqueous/Solid	EPA 8270D	GC-MS	4-Chlorophenyl-phenylether
Aqueous/Solid	EPA 8270D	GC-MS	4-Methylphenol (and/or 3-Methylphenol)
Aqueous/Solid	EPA 8270D	GC-MS	4-Nitroaniline
Aqueous/Solid	EPA 8270D	GC-MS	4-Nitrophenol
Aqueous/Solid	EPA 8270D	GC-MS	Acenaphthene
Aqueous/Solid	EPA 8270D	GC-MS	Acenaphthylene
Aqueous/Solid	EPA 8270D	GC-MS	Aniline
Aqueous/Solid	EPA 8270D	GC-MS	Anthracene
Aqueous/Solid	EPA 8270D	GC-MS	Benzidine
Aqueous/Solid	EPA 8270D	GC-MS	Benzo(a)anthracene
Aqueous/Solid	EPA 8270D	GC-MS	Benzo(a)pyrene
Aqueous/Solid	EPA 8270D	GC-MS	Benzo(b)fluoranthene
Aqueous/Solid	EPA 8270D	GC-MS	Benzo(g,h,i)perylene
Aqueous/Solid	EPA 8270D	GC-MS	Benzo(k)fluoranthene
Aqueous/Solid	EPA 8270D	GC-MS	Benzoic acid
Aqueous/Solid	EPA 8270D	GC-MS	Benzyl alcohol
Aqueous/Solid	EPA 8270D	GC-MS	bis(2-Chloroethoxy)methane
Aqueous/Solid	EPA 8270D	GC-MS	bis(2-Chloroethyl)ether
Aqueous/Solid	EPA 8270D	GC-MS	bis(2-Chloroisopropyl) ether
Aqueous/Solid	EPA 8270D	GC-MS	bis(2-ethylhexyl) phthalate
Aqueous/Solid	EPA 8270D	GC-MS	Butyl benzyl phthalate
Aqueous/Solid	EPA 8270D	GC-MS	Carbazole
Aqueous/Solid	EPA 8270D	GC-MS	Chrysene
Aqueous/Solid	EPA 8270D	GC-MS	Dibenzo(a,h)anthracene
Aqueous/Solid	EPA 8270D	GC-MS	Dibenzofuran
Aqueous/Solid	EPA 8270D	GC-MS	Diethyl phthalate
Aqueous/Solid	EPA 8270D	GC-MS	Dimethyl phthalate
Aqueous/Solid	EPA 8270D	GC-MS	Di-n-butylphthalate
Aqueous/Solid	EPA 8270D	GC-MS	Di-n-octylphthalate
Aqueous/Solid	EPA 8270D	GC-MS	Fluoranthene
Aqueous/Solid	EPA 8270D	GC-MS	Fluorene
Aqueous/Solid	EPA 8270D	GC-MS	Hexachlorobenzene
Aqueous/Solid	EPA 8270D	GC-MS	Hexachlorobutadiene
Aqueous/Solid	EPA 8270D	GC-MS	Hexachlorocyclopentadiene



Certificate of Accreditation: Supplement

ISO/IEC 17025:2005 and DoD-ELAP
EPA NLLAP-LQSR Revision 3.0

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/Solid	EPA 8270D	GC-MS	Hexachloroethane
Aqueous/Solid	EPA 8270D	GC-MS	Indeno(1,2,3, cd)pyrene
Aqueous/Solid	EPA 8270D	GC-MS	Isophorone
Aqueous/Solid	EPA 8270D	GC-MS	Naphthalene
Aqueous/Solid	EPA 8270D	GC-MS	Nitrobenzene
Aqueous/Solid	EPA 8270D	GC-MS	N-Nitrosodimethylamine
Aqueous/Solid	EPA 8270D	GC-MS	N-Nitroso-di-n-propylamine
Aqueous/Solid	EPA 8270D	GC-MS	N-Nitrosodiphenylamine
Aqueous/Solid	EPA 8270D	GC-MS	Pentachlorophenol
Aqueous/Solid	EPA 8270D	GC-MS	Phenanthrene
Aqueous/Solid	EPA 8270D	GC-MS	Phenol
Aqueous/Solid	EPA 8270D	GC-MS	Pyrene
Aqueous/Solid	EPA 8270D	GC-MS	Pyridine
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



Certificate of Accreditation: Supplement

ISO/IEC 17025:2005 and DoD-ELAP

EPA NLLAP-LQSR Revision 3.0

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/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 17025:2005 and DoD-ELAP
EPA NLLAP-LQSR Revision 3.0

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
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 Aqueous Samples
Solid	EPA 3546	Microwave Extraction
Solid	EPA 3550C	Ultrasonic Extraction
Solid	EPA 3051A	Micro Assisted Acid Digest/Metals
Solid	EPA 3540C	Soxhlet Extraction
Oil	EPA 3580A	Waste Dilution
Aqueous/Solid/Oil	EPA 3660B	Sulfur Clean-up
Aqueous/ Solid & Hazardous Waste	EPA 1311	TCLP Leaching Procedure

