



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

ARDL, Inc.

400 Aviation Drive, Mt. Vernon, IL 62864

(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)

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):

***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

Initial Accreditation Date:

January 5, 2015

Issue Date:

July 26, 2019

Expiration Date:

August 31, 2021

Revision Date:

June 3, 2020

Accreditation No.:

84648

Certificate No.:

L19-380-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

ISO/IEC 17025:2017 and DoD-ELAP

ARDL, Inc.

400 Aviation Drive, Mt. Vernon, IL 62864
Contact Name: Dean Dickerson Phone: 618-244-3235

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

Matrix	Standard/Method	Technology	Analyte
Air	NIOSH 0500	Gravimetric	Respirable Particulates
Air	NIOSH 0600	Gravimetric	Total Particulates
Air	NIOSH 7303	ICP	Antimony
Air	NIOSH 7303	ICP	Arsenic
Air	NIOSH 7303	ICP	Cadmium
Air	NIOSH 7303	ICP	Cobalt
Air	NIOSH 7303	ICP	Lead
Air	NIOSH 7303	ICP	Manganese
Air	NIOSH 7303	ICP	Nickel
Air	NIOSH 7303	ICP	Zinc
Aqueous	EPA 200.7	ICP	Aluminum
Aqueous	EPA 200.7	ICP	Antimony
Aqueous	EPA 200.7	ICP	Arsenic
Aqueous	EPA 200.7	ICP	Barium
Aqueous	EPA 200.7	ICP	Beryllium
Aqueous	EPA 200.7	ICP	Boron
Aqueous	EPA 200.7	ICP	Cadmium
Aqueous	EPA 200.7	ICP	Calcium
Aqueous	EPA 200.7	ICP	Chromium
Aqueous	EPA 200.7	ICP	Cobalt
Aqueous	EPA 200.7	ICP	Copper
Aqueous	EPA 200.7	ICP	Iron
Aqueous	EPA 200.7	ICP	Lead
Aqueous	EPA 200.7	ICP	Magnesium
Aqueous	EPA 200.7	ICP	Manganese
Aqueous	EPA 200.7	ICP	Nickel
Aqueous	EPA 200.7	ICP	Potassium
Aqueous	EPA 200.7	ICP	Selenium
Aqueous	EPA 200.7	ICP	Silver
Aqueous	EPA 200.7	ICP	Sodium
Aqueous	EPA 200.7	ICP	Thallium
Aqueous	EPA 200.7	ICP	Vanadium
Aqueous	EPA 200.7	ICP	Zinc
Aqueous	EPA 245.1	CVAA	Mercury
Aqueous	EPA 300.0	IC	Chloride
Aqueous	EPA 300.0	IC	Fluoride



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Contact Name: Dean Dickerson Phone: 618-244-3235

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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 300.0	IC	Nitrate (as N)
Aqueous	EPA 300.0	IC	Orthophosphate (as P)
Aqueous	EPA 300.0	IC	Sulfate
Aqueous	EPA 608	GC/ECD	4,4'-DDD
Aqueous	EPA 608	GC/ECD	4,4'-DDE
Aqueous	EPA 608	GC/ECD	4,4'-DDT
Aqueous	EPA 608	GC/ECD	Aldrin
Aqueous	EPA 608	GC/ECD	alpha-BHC
Aqueous	EPA 608	GC/ECD	alpha-Chlordane
Aqueous	EPA 608	GC/ECD	beta-BHC
Aqueous	EPA 608	GC/ECD	delta-BHC
Aqueous	EPA 608	GC/ECD	Dieldrin
Aqueous	EPA 608	GC/ECD	Endosulfan I
Aqueous	EPA 608	GC/ECD	Endosulfan II
Aqueous	EPA 608	GC/ECD	Endosulfan sulfate
Aqueous	EPA 608	GC/ECD	Endrin
Aqueous	EPA 608	GC/ECD	Endrin aldehyde
Aqueous	EPA 608	GC/ECD	Endrin ketone
Aqueous	EPA 608	GC/ECD	gamma-BHC (Lindane)
Aqueous	EPA 608	GC/ECD	gamma-Chlordane
Aqueous	EPA 608	GC/ECD	Heptachlor
Aqueous	EPA 608	GC/ECD	Heptachlor epoxide (beta)
Aqueous	EPA 608	GC/ECD	Methoxychlor
Aqueous	EPA 608	GC/ECD	PCB-1016 (Aroclor)
Aqueous	EPA 608	GC/ECD	PCB-1221 (Aroclor)
Aqueous	EPA 608	GC/ECD	PCB-1232 (Aroclor)
Aqueous	EPA 608	GC/ECD	PCB-1242 (Aroclor)
Aqueous	EPA 608	GC/ECD	PCB-1248 (Aroclor)
Aqueous	EPA 608	GC/ECD	PCB-1254 (Aroclor)
Aqueous	EPA 608	GC/ECD	PCB-1260 (Aroclor)
Aqueous	EPA 624	GC/MS	1,1,1,2-Tetrachloroethane
Aqueous	EPA 624	GC/MS	1,1,1-Trichloroethane
Aqueous	EPA 624	GC/MS	1,1,2,2-Tetrachloroethane
Aqueous	EPA 624	GC/MS	1,1,2-Trichloroethane
Aqueous	EPA 624	GC/MS	1,1-Dichloroethane
Aqueous	EPA 624	GC/MS	1,1-Dichloroethene



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 624	GC/MS	1,1-Dichloropropene
Aqueous	EPA 624	GC/MS	1,2,3-Trichlorobenzene
Aqueous	EPA 624	GC/MS	1,2,3-Trichloropropane
Aqueous	EPA 624	GC/MS	1,2,4-Trichlorobenzene
Aqueous	EPA 624	GC/MS	1,2,4-Trimethylbenzene
Aqueous	EPA 624	GC/MS	1,2-Dibromo-3-chloropropane (DBCP)
Aqueous	EPA 624	GC/MS	1,2-Dibromoethane (EDB)
Aqueous	EPA 624	GC/MS	1,2-Dichlorobenzene
Aqueous	EPA 624	GC/MS	1,2-Dichloroethane
Aqueous	EPA 624	GC/MS	1,2-Dichloropropane
Aqueous	EPA 624	GC/MS	1,2-Xylene (o-Xylene)
Aqueous	EPA 624	GC/MS	1,3,5-Trimethylbenzene
Aqueous	EPA 624	GC/MS	1,3-Dichlorobenzene
Aqueous	EPA 624	GC/MS	1,3-Dichloropropane
Aqueous	EPA 624	GC/MS	1,4 - Isopropyltoluene
Aqueous	EPA 624	GC/MS	1,4-Dichlorobenzene
Aqueous	EPA 624	GC/MS	m,p-Xylene
Aqueous	EPA 624	GC/MS	2,2-Dichloropropane
Aqueous	EPA 624	GC/MS	2-Butanone (MEK)
Aqueous	EPA 624	GC/MS	2-Chlorotoluene
Aqueous	EPA 624	GC/MS	2-Hexanone
Aqueous	EPA 624	GC/MS	4-Chlorotoluene
Aqueous	EPA 624	GC/MS	4-Methyl-2-pentanone (MIBK)
Aqueous	EPA 624	GC/MS	Acetone
Aqueous	EPA 624	GC/MS	Acrylonitrile
Aqueous	EPA 624	GC/MS	Benzene
Aqueous	EPA 624	GC/MS	Bromo methane
Aqueous	EPA 624	GC/MS	Bromobenzene
Aqueous	EPA 624	GC/MS	Bromochloromethane
Aqueous	EPA 624	GC/MS	Bromodichloromethane
Aqueous	EPA 624	GC/MS	Bromoform
Aqueous	EPA 624	GC/MS	Carbon disulfide
Aqueous	EPA 624	GC/MS	Carbon tetrachloride
Aqueous	EPA 624	GC/MS	Chlorobenzene
Aqueous	EPA 624	GC/MS	Chloroethane
Aqueous	EPA 624	GC/MS	Chloroform



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 624	GC/MS	Chloromethane
Aqueous	EPA 624	GC/MS	cis-1,2-Dichloroethene
Aqueous	EPA 624	GC/MS	cis-1,3-Dichloropropene
Aqueous	EPA 624	GC/MS	Di chlorodifluoromethane
Aqueous	EPA 624	GC/MS	Dibromochloromethane
Aqueous	EPA 624	GC/MS	Dibromomethane
Aqueous	EPA 624	GC/MS	Ethyl benzene
Aqueous	EPA 624	GC/MS	Hexachlorobutadiene
Aqueous	EPA 624	GC/MS	Isopropylbenzene
Aqueous	EPA 624	GC/MS	m,p-Xylene
Aqueous	EPA 624	GC/MS	Methylene chloride (Dichloromethane)
Aqueous	EPA 624	GC/MS	Methyl-tert-butyl ether (MTBE)
Aqueous	EPA 624	GC/MS	Naphthalene
Aqueous	EPA 624	GC/MS	n-Butylbenzene
Aqueous	EPA 624	GC/MS	n-Propylbenzene
Aqueous	EPA 624	GC/MS	Sec-Butylbenzene
Aqueous	EPA 624	GC/MS	Styrene
Aqueous	EPA 624	GC/MS	Tert-Butylbenzene
Aqueous	EPA 624	GC/MS	Tetrachloroethene
Aqueous	EPA 624	GC/MS	Toluene
Aqueous	EPA 624	GC/MS	trans-1,2-Dichloroethene
Aqueous	EPA 624	GC/MS	trans-1,3 Dichloropropene
Aqueous	EPA 624	GC/MS	Trichloroethene
Aqueous	EPA 624	GC/MS	Trichlorofluoromethane
Aqueous	EPA 624	GC/MS	Vinyl chloride
Aqueous	EPA 624	GC/MS	Xylenes, total
Aqueous	EPA 625	GC/MS	1,2,4,5-Tetrachlorobenzene
Aqueous	EPA 625	GC/MS	1,2,4-Trichloro benzene
Aqueous	EPA 625	GC/MS	1,2-Dichlorpbenzene
Aqueous	EPA 625	GC/MS	1,3-Dichlorobenzene
Aqueous	EPA 625	GC/MS	1,4-Dichlorobenzene
Aqueous	EPA 625	GC/MS	2,4,5-Trichlorophenol
Aqueous	EPA 625	GC/MS	2,4,6-Trichlorophenol
Aqueous	EPA 625	GC/MS	2,4-Dichlorophenol
Aqueous	EPA 625	GC/MS	2,4-Dimethylphenol
Aqueous	EPA 625	GC/MS	2,4-Dinitrophenol



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

Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 625	GC/MS	2,4-Dinitrotoluene
Aqueous	EPA 625	GC/MS	2,6-Dinitrotoluene
Aqueous	EPA 625	GC/MS	2-Chloronaphthalene
Aqueous	EPA 625	GC/MS	2-Chlorophenol
Aqueous	EPA 625	GC/MS	2-Methyl-4,6-Dinitrophenol
Aqueous	EPA 625	GC/MS	2-Methylnaphthalene
Aqueous	EPA 625	GC/MS	2-Methylphenol (o-Cresol)
Aqueous	EPA 625	GC/MS	2-Nitroaniline
Aqueous	EPA 625	GC/MS	2-Nitrophenol
Aqueous	EPA 625	GC/MS	3,3'-Dichlorobenzidine
Aqueous	EPA 625	GC/MS	3-Nitroaniline
Aqueous	EPA 625	GC/MS	4-Bromophenyl-phenylether
Aqueous	EPA 625	GC/MS	4-Chloro-3-methylphenol
Aqueous	EPA 625	GC/MS	4-Chloroaniline
Aqueous	EPA 625	GC/MS	4-Chlorophenyl phenyl ether
Aqueous	EPA 625	GC/MS	4-Methylphenol (p-Cresol)
Aqueous	EPA 625	GC/MS	4-Nitroaniline
Aqueous	EPA 625	GC/MS	4-Nitrophenol
Aqueous	EPA 625	GC/MS	Acenaphthene
Aqueous	EPA 625	GC/MS	Acenaphthylene
Aqueous	EPA 625	GC/MS	Anthracene
Aqueous	EPA 625	GC/MS	Benzo(a)anthracene
Aqueous	EPA 625	GC/MS	Benzo(a)pyrene
Aqueous	EPA 625	GC/MS	Benzo(g,h,i)perylene
Aqueous	EPA 625	GC/MS	Benzo(b)fluoranthene
Aqueous	EPA 625	GC/MS	Benzo(k)fluoranthene
Aqueous	EPA 625	GC/MS	Benzoic acid
Aqueous	EPA 625	GC/MS	Benzyl Alcohol
Aqueous	EPA 625	GC/MS	Bis(2-chloroethyl) ether
Aqueous	EPA 625	GC/MS	Bis(2-chloroisopropyl)ether
Aqueous	EPA 625	GC/MS	Bis(2-ethylhexyl)phthalate
Aqueous	EPA 625	GC/MS	Bis(2-chloroethoxy)methane
Aqueous	EPA 625	GC/MS	Butyl benzyl phthalate
Aqueous	EPA 625	GC/MS	Carbazole
Aqueous	EPA 625	GC/MS	Chrysene
Aqueous	EPA 625	GC/MS	Dibenzo(a,h)anthracene



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Aqueous	EPA 625	GC/MS	Dibenzofuran
Aqueous	EPA 625	GC/MS	Diethylphthalate
Aqueous	EPA 625	GC/MS	Dimethylphthalate
Aqueous	EPA 625	GC/MS	Di-n-butylphthalate
Aqueous	EPA 625	GC/MS	Di-n-octylphthalate
Aqueous	EPA 625	GC/MS	Fluoranthene
Aqueous	EPA 625	GC/MS	Fluorene
Aqueous	EPA 625	GC/MS	Hexachlorobenzene
Aqueous	EPA 625	GC/MS	Hexachlorobutadiene
Aqueous	EPA 625	GC/MS	Hexachlorocyclopentadiene
Aqueous	EPA 625	GC/MS	Hexachloroethane
Aqueous	EPA 625	GC/MS	Indeno(1,2,3-cd)pyrene
Aqueous	EPA 625	GC/MS	Isophorone
Aqueous	EPA 625	GC/MS	Naphthalene
Aqueous	EPA 625	GC/MS	Nitrobenzene
Aqueous	EPA 625	GC/MS	N-Nitrosodimethylamine
Aqueous	EPA 625	GC/MS	N-Nitroso-di-n-propylamine
Aqueous	EPA 625	GC/MS	N-Nitrosodiphenylamine
Aqueous	EPA 625	GC/MS	Pentachlorophenol
Aqueous	EPA 625	GC/MS	Phenanthrene
Aqueous	EPA 625	GC/MS	Phenol
Aqueous	EPA 625	GC/MS	Pyrene
Aqueous	EPA 625	GC/MS	Pyridine
Aqueous	EPA 8270C/EPA 8270D SIM	GC/MS	1,4-Dioxane
Solid	EPA 160.3	General Chemistry	Percent Moisture
Solid	EPA 7471A	CVAAS	Mercury
Aqueous/Solid	EPA 6010B/6010C	ICP	Aluminum
Aqueous/Solid	EPA 6010B/6010C	ICP	Antimony
Aqueous/Solid	EPA 6010B/6010C	ICP	Arsenic
Aqueous/Solid	EPA 6010B/6010C	ICP	Barium
Aqueous/Solid	EPA 6010B/6010C	ICP	Beryllium
Aqueous/Solid	EPA 6010B/6010C	ICP	Boron
Aqueous/Solid	EPA 6010B/6010C	ICP	Cadmium
Aqueous/Solid	EPA 6010B/6010C	ICP	Calcium
Aqueous/Solid	EPA 6010B/6010C	ICP	Chromium
Aqueous/Solid	EPA 6010B/6010C	ICP	Cobalt



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 6010B/6010C	ICP	Copper
Aqueous/Solid	EPA 6010B/6010C	ICP	Iron
Aqueous/Solid	EPA 6010B/6010C	ICP	Lead
Aqueous/Solid	EPA 6010B/6010C	ICP	Magnesium
Aqueous/Solid	EPA 6010B/6010C	ICP	Manganese
Aqueous/Solid	EPA 6010B/6010C	ICP	Nickel
Aqueous/Solid	EPA 6010B/6010C	ICP	Potassium
Aqueous/Solid	EPA 6010B/6010C	ICP	Selenium
Aqueous/Solid	EPA 6010B/6010C	ICP	Silver
Aqueous/Solid	EPA 6010B/6010C	ICP	Sodium
Aqueous/Solid	EPA 6010B/6010C	ICP	Thallium
Aqueous/Solid	EPA 6010B/6010C	ICP	Vanadium
Aqueous/Solid	EPA 6010B/6010C	ICP	Zinc
Aqueous/Solid	EPA 7470A	CVAAS	Mercury
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	alpha-Chlordane
Aqueous/Solid	EPA 8081B	GC/ECD	beta-BHC
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 8082	GC/ECD	PCB-1016 (Aroclor)
Aqueous/Solid	EPA 8082	GC/ECD	PCB-1221 (Aroclor)



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8082	GC/ECD	PCB-1232 (Aroclor)
Aqueous/Solid	EPA 8082	GC/ECD	PCB-1242 (Aroclor)
Aqueous/Solid	EPA 8082	GC/ECD	PCB-1248 (Aroclor)
Aqueous/Solid	EPA 8082	GC/ECD	PCB-1254 (Aroclor)
Aqueous/Solid	EPA 8082	GC/ECD	PCB-1260 (Aroclor)
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,1,1,2-Tetrachloroethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,1,1-Trichloroethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,1,2,2-Tetrachloroethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,1,2-Trichloroethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,1-Dichloroethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,1-Dichloroethene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,1-Dichloropropene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,2,3-Trichlorobenzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,2,3-Trichloropropane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,2,4-Trichlorobenzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,2,4-Trimethylbenzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,2-Dibromo-3-chloropropane (DBCP)
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,2-Dibromoethane (EDB)
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,2-Dichlorobenzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,2-Dichloroethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,2-Dichloropropane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,2-Xylene (o-xylene)
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,3,5-Trimethylbenzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,3-Dichlorobenzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,3-Dichloropropane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,4 Isopropyltoluene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	1,4-Dichlorobenzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	2,2-Dichloropropane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	2-Butanone (MEK)
Aqueous/Solid	EPA 8260B/8260C	GC/MS	2-Chlorotoluene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	2-Hexanone
Aqueous/Solid	EPA 8260B/8260C	GC/MS	4-Chlorotoluene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	4-Methyl-2-pentanone (MIBK)
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Acetone
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Acrylonitrile
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Benzene



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Bromobenzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Bromochloromethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Bromodichloromethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Bromoform
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Bromomethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Carbon disulfide
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Carbon tetrachloride
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Chlorobenzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Chloroethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Chloroform
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Chloromethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	cis-1,2-Dichloroethene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	cis-1,3-Dichloropropene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Di-chlorodifluoromethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Dibromochloromethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Dibromomethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Ethyl-benzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Hexachlorobutadiene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Isopropylbenzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	m,p-Xylene
Aqueous/Solids	EPA 8260B/8260C	GC/MS	Methylene chloride (Dichloromethane)
Aqueous/Solids	EPA 8260B/8260C	GC/MS	Methyl-tert-butyl ether (MTBE)
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Naphthalene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	n-Butylbenzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	n-Propylbenzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Sec-Butylbenzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Styrene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Tert-Butylbenzene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Tetrachloroethene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Toluene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	trans-1,2-Dichloroethene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	trans-1,3 Dichloropropene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Trichloroethene
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Trichlorofluoromethane
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Vinyl chloride
Aqueous/Solid	EPA 8260B/8260C	GC/MS	Xylenes, total



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ISO/IEC 17025:2017 and DoD-ELAP

ARDL, Inc.

400 Aviation Drive, Mt. Vernon, IL 62864
Contact Name: Dean Dickerson Phone: 618-244-3235

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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Acenaphthene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Acenaphthylene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Anthracene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Benzo(a)anthracene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Benzo(a)pyrene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Benzo(b)fluoranthene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Benzo(g,h,i)perylene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Benzo(k)fluoranthene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Chrysene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Dibenzo(a,h)anthracene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Fluoranthene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Fluorene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Indeno(1,2,3-cd)pyrene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	2-Methylnaphthalene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Naphthalene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Phenanthrene
Aqueous/Solid	EPA 8270C/8270D SIM	GC/MS	Pyrene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	1,2,4,5-Tetrachlorobenzene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	1,2,4-Trichlorobenzene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	1,2-Dichlorobenzene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	1,3-Dichlorobenzene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	1,4-Dichlorobenzene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	2,4,5-Trichlorophenol
Aqueous/Solid	EPA 8270C/8270D	GC/MS	2,4,6-Trichlorophenol
Aqueous/Solid	EPA 8270C/8270D	GC/MS	2,4-Dichlorophenol
Aqueous/Solid	EPA 8270C/8270D	GC/MS	2,4-Dimethylphenol
Aqueous/Solid	EPA 8270C/8270D	GC/MS	2,4-Dinitrophenol
Aqueous/Solid	EPA 8270C/8270D	GC/MS	2,4-Dinitrotoluene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	2,6-Dinitrotoluene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	2-Chloronaphthalene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	2-Chlorophenol
Aqueous/Solid	EPA 8270C/8270D	GC/MS	2-Methyl-4,6-Dinitrophenol
Aqueous/Solid	EPA 8270C/8270D	GC/MS	2-Methylnaphthalene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	2-Methylphenol (o-Cresol)
Aqueous/Solid	EPA 8270C/8270D	GC/MS	2-Nitroaniline
Aqueous/Solid	EPA 8270C/8270D	GC/MS	2-Nitrophenol



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8270C/8270D	GC/MS	3,3'-Dichlorobenzidine
Aqueous/Solid	EPA 8270C/8270D	GC/MS	3-Nitroaniline
Aqueous/Solid	EPA 8270C/8270D	GC/MS	4-Bromophenyl-phenylether
Aqueous/Solid	EPA 8270C/8270D	GC/MS	4-Chloro-3-methylphenol
Aqueous/Solid	EPA 8270C/8270D	GC/MS	4-Chloroaniline
Aqueous/Solid	EPA 8270C/8270D	GC/MS	4-Chlorophenyl phenyl ether
Aqueous/Solid	EPA 8270C/8270D	GC/MS	4-Methylphenol (p-Cresol)
Aqueous/Solid	EPA 8270C/8270D	GC/MS	4-Nitroaniline
Aqueous/Solid	EPA 8270C/8270D	GC/MS	4-Nitrophenol
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Acenaphthene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Acenaphthylene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Anthracene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Benzo(a)anthracene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Benzo(a)pyrene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Benzo(b)fluoranthene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Benzo(g,h,i)perylene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Benzo(k)fluoranthene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Benzoic acid
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Benzyl Alcohol
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Bis(2-chloroethyl)ether
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Bis(2-chloroisopropyl)ether
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Bis(2-ethylhexyl)phthalate
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Bis(2-chloroethoxy)methane
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Butyl benzyl phthalate
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Carbazole
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Chrysene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Dibenzo(a,h)anthracene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Dibenzofuran
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Diethylphthalate
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Dimethylphthalate
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Di-n-butylphthalate
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Di-n-octylphthalate
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Fluoranthene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Fluorene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Hexachlorobenzene
Aqueous/Solid	EPA 8270C/8270D	GC/MS	Hexachlorobutadiene



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



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 3010A	Acid Digestion	EPA 6010B/6010C
Aqueous	EPA 3510C	Extraction	EPA 8270C/8270D
Aqueous	EPA 3510C	Extraction	EPA 8081B
Aqueous	EPA 3510C	Extraction	EPA 8082
Aqueous	EPA 5030B	Purge/Trap	EPA 8260B/8260C
Solid	EPA 160.3	Gravimetric	EPA 160.3
Solid	EPA 1311	TCLP	EPA 6010B/6010C
Solid	EPA 1311	TCLP	EPA 8081B
Solid	EPA 1311	TCLP	EPA 7470A
Solid	EPA 1311-Zero Headspace	TCLP	EPA 8260B/ 8260C
Solid	EPA 1311	TCLP	EPA 8270C/8270D
Solid	EPA 3050B	Acid Digestion	EPA 6010B/6010C
Solid	EPA 3550B	Extraction	EPA 8270C
Solid	EPA 3550B	Extraction	EPA 8081B
Solid	EPA 3550B	Extraction	EPA 8082
Solid	EPA 5030	Purge/Trap	EPA 8260B/8260C
Solid	EPA 5035	Purge/Trap	EPA 8260B/8260C