



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

ALS - Middletown
301 Fulling Mill Road, Middletown, PA 17057

(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 5.1.1 February 2018 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/Operations Manager

<i>Initial Accreditation Date:</i>	<i>Issue Date:</i>	<i>Expiration Date:</i>
August 22, 2017	February 2, 2018	February 28, 2020
<i>Revision Date:</i>	<i>Accreditation No.:</i>	<i>Certificate No.:</i>
June 26, 2019	74618	L18-61-R2

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.pjilabs.com



Certificate of Accreditation: Supplement

ISO/IEC 17025:2005 and DoD-ELAP

ALS-Middletown

301 Fulling Mill Road, Middletown, PA 17057
Contact Name: Susan Magness Phone: 717-944-5541

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

Matrix	Standard/Method	Technology	Analyte
Aqueous	ASTM D6919-09	IC	Ammonia
Aqueous	EPA 314.0	IC	Perchlorate
Aqueous	EPA 365.1	Spectrophotometric	Phosphorous
Aqueous	EPA 410.4, HACH 8000	Colorimetric	Chemical Oxygen Demand (COD)
Aqueous	EPA 1664B	Gravimetric	Hexane Extractable Materials (HEM)
Aqueous	EPA 5540C	Spectrophotometric	MBAS (Surfactants)
Aqueous	EPA 6020A, EPA 7470A	ICP-MS/CVAA/CVAF	Mercury
Aqueous	EPA 8011	GC-ECD	1,2-Dibromo-3-Chloropropane (DBCP)
Aqueous	EPA 8011	GC-ECD	1,2-Dibromoethane (EDB)
Aqueous	EPA 8011	GC-ECD	1,2,3-Trichloropropane
Aqueous	EPA 8015C	GC/FID	Ethanol
Aqueous	EPA 8015C	GC/FID	Ethyl Acetate
Aqueous	EPA 8015C	GC/FID	Ethylene Glycol
Aqueous	EPA 8015C	GC/FID	Isoamyl Alcohol
Aqueous	EPA 8015C	GC/FID	Isobutyl Alcohol (2 methyl-1-propanol)
Aqueous	EPA 8015C	GC/FID	Isopropyl Alcohol (2-propanol) (Isopropanol)
Aqueous	EPA 8015C	GC/FID	Methanol
Aqueous	EPA 8015C	GC/FID	Methyl Ethyl Ketone (2-butanone)
Aqueous	EPA 8015C	GC/FID	Methyl Isobutyl Ketone (MIBK)
Aqueous	EPA 8015C	GC/FID	n-Butanol
Aqueous	EPA 8015C	GC/FID	n-Propanol
Aqueous	EPA 8015C	GC/FID	Propylene Glycol
Aqueous	EPA 8015C	GC/FID	tert-Butyl Alcohol
Aqueous	EPA 8260B, C	GC/MS	2-Chloroethylvinylether
Aqueous	EPA 8270D	GC/MS	Benzidine
Aqueous	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	1,4-Dioxane (1,4-Diethyleneoxide)
Aqueous	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	2,4-Dinitrotoluene (2,4-DNT)
Aqueous	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	2,6-Dinitrotoluene (2,6-DNT)
Aqueous	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Bis(2-Chlorethyl) Ether
Aqueous	EPA 9040C	Electrode	pH, Corrosivity, Hydrogen Ion
Aqueous	EPA 9050A	Probe	Specific Conductance
Aqueous	EPA 9060A, SM5310B-2000	Combustion	Total Organic Carbon
Aqueous	RSK 175	GC-FID	Methane, Ethane, and Ethene
Aqueous	SM 2320B	Titrimetric	Alkalinity
Aqueous	SM 2540C	Gravimetric	Total Dissolved Solids



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Matrix	Standard/Method	Technology	Analyte
Aqueous	SM 2540D	Gravimetric	Total Suspended Solids
Aqueous	SM 3500 Fe B	Colorimetric	Ferrous Iron
Aqueous	SM 4500 NH3G	Spectrophotometric	Total Kjeldahl Nitrogen (TKN)
Aqueous	SM 4500-S2 F	Titrimetric	Sulfide
Aqueous	SM 5210B	Probe	Biochemical Oxygen Demand (BOD)
Aqueous	SM 5210B	Probe	Carbonaceous BOD (CBOD)
Solid	EPA 6020A, EPA 7471B	ICP-MS/CVAA/CVAF	Mercury
Solid	EPA 8151A	GC-ECD	4-Nitrophenol
Solid	EPA 8151A	GC-ECD	Dinoseb
Solid	EPA 8151A	GC-ECD	MCPA
Solid	EPA 8151A	GC-ECD	MCPPE
Solid	EPA 8270D	GC/MS	Benzoic Acid
Solid	EPA 8270D	GC/MS/SIM	1,4-Dioxane (1,4-Diethyleneoxide)
Solid	EPA 8270D	GC/MS/SIM	2,4-Dinitrotoluene (2,4-DNT)
Solid	EPA 8270D	GC/MS/SIM	2,6-Dinitrotoluene (2,6-DNT)
Solid	EPA 8270D	GC/MS/SIM	Bis(2-Chlorethyl) Ether
Solid	EPA 8270D	GC/MS	Resorcinol
Solid	EPA 9023	Combustion	Total Organic Halides
Solid	EPA 9045D	Electrode	pH, Corrosivity, Hydrogen Ion
Solid	EPA 9071B	Gravimetric	Hexane Extractable Materials (HEM)
Solid	EPA 9095B	Gravimetric	Paint Filter Test
Solid	SM 2540G	Gravimetric	Total Solids
Aqueous/Solid	EPA 300.0, EPA 9056A	IC	Bromide
Aqueous/Solid	EPA 300.0, EPA 9056A	IC	Chloride
Aqueous/Solid	EPA 300.0, EPA 9056A	IC	Fluoride
Aqueous/Solid	EPA 300.0, EPA 9056A	IC	Nitrate
Aqueous/Solid	EPA 300.0, EPA 9056A	IC	Nitrite
Aqueous/Solid	EPA 300.0, EPA 9056A	IC	Sulfate
Aqueous/Solid	EPA 6010C	ICP	Bismuth
Aqueous/Solid	EPA 6010C	ICP	Boron
Aqueous/Solid	EPA 6010C	ICP	Calcium Hardness (CaCO ₃)
Aqueous/Solid	EPA 6010C	ICP	Hardness-Total as CaCO ₃
Aqueous/Solid	EPA 6010C	ICP/ICP-MS	Lithium
Aqueous/Solid	EPA 6010C	ICP/ICP-MS	Sulfur
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Aluminum
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Antimony



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Arsenic
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Barium
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Beryllium
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Cadmium
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Calcium
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Chromium
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Cobalt
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Copper
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Iron
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Lead
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Magnesium
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Manganese
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Molybdenum
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Nickel
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Potassium
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Selenium
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Silica as SiO ₂
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Silver
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Sodium
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Strontium
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Thallium
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Tin
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Titanium
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Vanadium
Aqueous/Solid	EPA 6010C, EPA 6020A	ICP/ICP-MS	Zinc
Aqueous/Solid	EPA 7.3.3.2, EPA 9012B	Colorimetric	Reactive Cyanide
Aqueous/Solid	EPA 7196A	Spectrophotometric	Hexavalent Chromium
Aqueous/Solid	EPA 8015D	GC/FID	TPH Diesel (DRO)
Aqueous/Solid	EPA 8015D	GC/FID	TPH Gasoline (GRO)
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 (HHDN)
Aqueous/Solid	EPA 8081B	GC-ECD	alpha-BHC
Aqueous/Solid	EPA 8081B	GC-ECD	alpha-Chlordane
Aqueous/Solid	EPA 8081B	GC-ECD	beta-BHC



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8081B	GC-ECD	Chlordane (tech.)
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
Aqueous/Solid	EPA 8081B	GC-ECD	Methoxychlor
Aqueous/Solid	EPA 8081B	GC-ECD	Mirex
Aqueous/Solid	EPA 8081B	GC-ECD	Toxaphene (Chlorinated Camphene)
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 8151A	GC-ECD	2,4,5,-TP (Silvex)
Aqueous/Solid	EPA 8151A	GC-ECD	2,4,5-T
Aqueous/Solid	EPA 8151A	GC-ECD	2,4-D
Aqueous/Solid	EPA 8151A	GC-ECD	2,4-DB
Aqueous/Solid	EPA 8151A	GC-ECD	Dalapon
Aqueous/Solid	EPA 8151A	GC-ECD	Dicamba
Aqueous/Solid	EPA 8151A	GC-ECD	Dichloroprop
Aqueous/Solid	EPA 8151A	GC-ECD	Pentachlorophenol
Aqueous/Solid	EPA 8260B,C	GC/MS	1,1,1,2-Tetrachloroethane
Aqueous/Solid	EPA 8260B,C	GC/MS	1,1,1-Trichloroethane
Aqueous/Solid	EPA 8260B,C	GC/MS	1,1,2,2-Tetrachloroethane



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Aqueous/Solid	EPA 8260B,C	GC/MS	1,1,2-Trichloro-1,2,2-Trifluoroethane
Aqueous/Solid	EPA 8260B,C	GC/MS	1,1,2-Trichloroethane
Aqueous/Solid	EPA 8260B,C	GC/MS	1,1-Dichloro-2-Propanone
Aqueous/Solid	EPA 8260B,C	GC/MS	1,1-Dichloroethane
Aqueous/Solid	EPA 8260B,C	GC/MS	1,1-Dichloroethene (1,1-Dichloroethylene)
Aqueous/Solid	EPA 8260B,C	GC/MS	1,1-Dichloropropene
Aqueous/Solid	EPA 8260B,C	GC/MS	1,2,3-Trichlorobenzene
Aqueous/Solid	EPA 8260B,C	GC/MS	1,2,4-Trichlorobenzene
Aqueous/Solid	EPA 8260B,C	GC/MS	1,2,4-Trimethylbenzene
Aqueous/Solid	EPA 8260B,C	GC/MS	1,2-Dibromo-3-Chloropropane (DBCP)
Aqueous/Solid	EPA 8260B,C	GC/MS	1,2-Dichlorobenzene
Aqueous/Solid	EPA 8260B,C	GC/MS	1,2-Dichloroethane
Aqueous/Solid	EPA 8260B,C	GC/MS	1,2-Dichloroethene
Aqueous/Solid	EPA 8260B,C	GC/MS	1,2-Dichloropropane
Aqueous/Solid	EPA 8260B,C	GC/MS	1,3,5-Trimethylbenzene
Aqueous/Solid	EPA 8260B,C	GC/MS	1,3-Dichlorobenzene
Aqueous/Solid	EPA 8260B,C	GC/MS	1,3-Dichloropropane
Aqueous/Solid	EPA 8260B,C	GC/MS	1,3-Dichloropropene
Aqueous/Solid	EPA 8260B,C	GC/MS	1,4-Dichlorobenzene
Aqueous/Solid	EPA 8260B,C	GC/MS	1,4-Dioxane (1,4-Diethyleneoxide)
Aqueous/Solid	EPA 8260B,C	GC/MS	1-Chlorobutane
Aqueous/Solid	EPA 8260B,C	GC/MS	1-Chlorohexane
Aqueous/Solid	EPA 8260B,C	GC/MS	1-Propanol
Aqueous/Solid	EPA 8260B,C	GC/MS	2,2-Dichloropropane
Aqueous/Solid	EPA 8260B,C	GC/MS	2-Butanone (MEK)
Aqueous/Solid	EPA 8260B,C	GC/MS	2-Chlorotoluene
Aqueous/Solid	EPA 8260B,C	GC/MS	2-Hexanone (MBK)
Aqueous/Solid	EPA 8260B,C	GC/MS	2-Nitropropane
Aqueous/Solid	EPA 8260B,C	GC/MS	2-Propanol (Isopropyl Alcohol)
Aqueous/Solid	EPA 8260B,C	GC/MS	4-Isopropyltoluene
Aqueous/Solid	EPA 8260B,C	GC/MS	4-Methyl-2-Pentanone (MIBK)
Aqueous/Solid	EPA 8260B,C	GC/MS	Acetone
Aqueous/Solid	EPA 8260B,C	GC/MS	Acetonitrile
Aqueous/Solid	EPA 8260B,C	GC/MS	Acrolein
Aqueous/Solid	EPA 8260B,C	GC/MS	Acrylonitrile
Aqueous/Solid	EPA 8260B,C	GC/MS	Allyl Chloride (3-Chloropropene)



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8260B,C	GC/MS	Benzene
Aqueous/Solid	EPA 8260B,C	GC/MS	Benzyl Chloride
Aqueous/Solid	EPA 8260B,C	GC/MS	Bromobenzene
Aqueous/Solid	EPA 8260B,C	GC/MS	Bromochloromethane
Aqueous/Solid	EPA 8260B,C	GC/MS	Bromodichloromethane
Aqueous/Solid	EPA 8260B,C	GC/MS	Bromoform
Aqueous/Solid	EPA 8260B,C	GC/MS	Bromomethane
Aqueous/Solid	EPA 8260B,C	GC/MS	Carbon Disulfide
Aqueous/Solid	EPA 8260B,C	GC/MS	Carbon Tetrachloride
Aqueous/Solid	EPA 8260B,C	GC/MS	Chloroacetonitrile
Aqueous/Solid	EPA 8260B,C	GC/MS	Chlorobenzene
Aqueous/Solid	EPA 8260B,C	GC/MS	Chloroethane (Ethyl Chloride)
Aqueous/Solid	EPA 8260B,C	GC/MS	Chloroform
Aqueous/Solid	EPA 8260B,C	GC/MS	Chloromethane (methyl chloride)
Aqueous/Solid	EPA 8260B,C	GC/MS	Chloroprene (2-Chloro-1,3-butadiene)
Aqueous/Solid	EPA 8260B,C	GC/MS	cis-1,2-Dichloroethene Draf(cis-1,2-Dichloroethylene)
Aqueous/Solid	EPA 8260B,C	GC/MS	cis-1,3-Dichloropropene
Aqueous/Solid	EPA 8260B,C	GC/MS	Cyclohexane
Aqueous/Solid	EPA 8260B,C	GC/MS	Dibromochloromethane
Aqueous/Solid	EPA 8260B,C	GC/MS	Dibromomethane
Aqueous/Solid	EPA 8260B,C	GC/MS	Dichlorodifluoromethane
Aqueous/Solid	EPA 8260B,C	GC/MS	Dichlorofluoromethane
Aqueous/Solid	EPA 8260B,C	GC/MS	Diethyl Ether
Aqueous/Solid	EPA 8260B,C	GC/MS	Diisobutylene (2,4,4-Trimethyl-1-pentene)
Aqueous/Solid	EPA 8260B,C	GC/MS	Diisopropyl Ether (Propane)
Aqueous/Solid	EPA 8260B,C	GC/MS	Ethyl Acetate
Aqueous/Solid	EPA 8260B,C	GC/MS	Ethyl Benzene
Aqueous/Solid	EPA 8260B,C	GC/MS	Ethyl Methacrylate
Aqueous/Solid	EPA 8260B,C	GC/MS	Ethyl-tert-butylether (ETBE)
Aqueous/Solid	EPA 8260B,C	GC/MS	Heptane
Aqueous/Solid	EPA 8260B,C	GC/MS	Hexachlorobutadiene
Aqueous/Solid	EPA 8260B,C	GC/MS	Hexachloroethane
Aqueous/Solid	EPA 8260B,C	GC/MS	Hexane
Aqueous/Solid	EPA 8260B,C	GC/MS	Idomethane (Methyl Iodide)
Aqueous/Solid	EPA 8260B,C	GC/MS	Isobutyl Alcohol (2 methyl-1-propanol)
Aqueous/Solid	EPA 8260B,C	GC/MS	Isopropylbenzene (Cumene)



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Aqueous/Solid	EPA 8260B,C	GC/MS	m + p Xylene (1,3 + 1,4 Xylene)
Aqueous/Solid	EPA 8260B,C	GC/MS	Methacrylonitrile
Aqueous/Solid	EPA 8260B,C	GC/MS	Methyl Acetate
Aqueous/Solid	EPA 8260B,C	GC/MS	Methyl Acrylate
Aqueous/Solid	EPA 8260B,C	GC/MS	Methyl Methacrylate
Aqueous/Solid	EPA 8260B,C	GC/MS	Methylcyclohexane
Aqueous/Solid	EPA 8260B,C	GC/MS	Methylene Chloride
Aqueous/Solid	EPA 8260B,C	GC/MS	Methyl-tert-butylether (MTBE)
Aqueous/Solid	EPA 8260B,C	GC/MS	Naphthalene
Aqueous/Solid	EPA 8260B,C	GC/MS	n-Butylbenzene
Aqueous/Solid	EPA 8260B,C	GC/MS	Nitrobenzene
Aqueous/Solid	EPA 8260B,C	GC/MS	n-Propylbenzene
Aqueous/Solid	EPA 8260B,C	GC/MS	Octane
Aqueous/Solid	EPA 8260B,C	GC/MS	o-Xylene (1,2-Xylene)
Aqueous/Solid	EPA 8260B,C	GC/MS	Pentachloroethane
Aqueous/Solid	EPA 8260B,C	GC/MS	Pentane
Aqueous/Solid	EPA 8260B,C	GC/MS	Propionitrile (Ethyl Cyanide)
Aqueous/Solid	EPA 8260B,C	GC/MS	sec-Butylbenzene
Aqueous/Solid	EPA 8260B,C	GC/MS	Stryene
Aqueous/Solid	EPA 8260B,C	GC/MS	tert-Amyl Alcohol (2-methyl-2-but)
Aqueous/Solid	EPA 8260B,C	GC/MS	tert-Amyl ethyl Ether
Aqueous/Solid	EPA 8260B,C	GC/MS	tert-Amyl Methyl Ether (TAME)
Aqueous/Solid	EPA 8260B,C	GC/MS	tert-Butyl Alcohol
Aqueous/Solid	EPA 8260B,C	GC/MS	tert-Butylbenzene
Aqueous/Solid	EPA 8260B,C	GC/MS	Tetrachloroethene
Aqueous/Solid	EPA 8260B,C	GC/MS	Tetrahydrofuran (THF)
Aqueous/Solid	EPA 8260B,C	GC/MS	Toluene
Aqueous/Solid	EPA 8260B,C	GC/MS	trans 1,3-Dichloropropene
Aqueous/Solid	EPA 8260B,C	GC/MS	trans 1,4-Dichloro-2-butene
Aqueous/Solid	EPA 8260B,C	GC/MS	trans-1,2-Dichloroethene (trans-1,2 Dichloroethylene)
Aqueous/Solid	EPA 8260B,C	GC/MS	Trichloroethene (Trichloroethylene)
Aqueous/Solid	EPA 8260B,C	GC/MS	Trichlorofluoromethane
Aqueous/Solid	EPA 8260B,C	GC/MS	Vinyl Acetate
Aqueous/Solid	EPA 8260B,C	GC/MS	Vinyl Chloride
Aqueous/Solid	EPA 8260B,C	GC/MS	Xylenes-Total
Aqueous/Solid	EPA 8260B,C	GC/MS / GC-ECD	1,2,3-Trichloropropane



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8260B,C	GC/MS / GC-ECD	1,2-Dibromoethane (EDB)
Aqueous/Solid	EPA 8270D	GC/MS	1,1-Biphenyl
Aqueous/Solid	EPA 8270D	GC/MS	1,2,4,5-Tetrachlorobezene
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	1,2-Dinitrobenzene
Aqueous/Solid	EPA 8270D	GC/MS	1,2-Diphenylhydrazine
Aqueous/Solid	EPA 8270D	GC/MS	1,3-Dichlorobenzene
Aqueous/Solid	EPA 8270D	GC/MS	1,3-Dinitrobenzene (1,3-DNB)
Aqueous/Solid	EPA 8270D	GC/MS	1,4-Dichlorobenzene
Aqueous/Solid	EPA 8270D	GC/MS	1,4-Dinitrobenzene
Aqueous/Solid	EPA 8270D	GC/MS	2,3,4,6-Tetrachlorophenol
Aqueous/Solid	EPA 8270D	GC/MS	2,3,5,6-Tetrachlorophenol
Aqueous/Solid	EPA 8270D	GC/MS	2,3-Dichloroaniline
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	2,6-Dichlorophenol
Aqueous/Solid	EPA 8270D	GC/MS	2-Chloronaphthalene
Aqueous/Solid	EPA 8270D	GC/MS	2-Chlorophenol
Aqueous/Solid	EPA 8270D	GC/MS	2-Methylphenol
Aqueous/Solid	EPA 8270D	GC/MS	2-Naphthylamine
Aqueous/Solid	EPA 8270D	GC/MS	2-Nitroaniline
Aqueous/Solid	EPA 8270D	GC/MS	2-Nitrophenol
Aqueous/Solid	EPA 8270D	GC/MS	2,4-Dimethylphenol
Aqueous/Solid	EPA 8270D	GC/MS	2,4-Dinitrophenol
Aqueous/Solid	EPA 8270D	GC/MS	3&4-Methylphenol
Aqueous/Solid	EPA 8270D	GC/MS	3-3'-Dichlorobenzidine
Aqueous/Solid	EPA 8270D	GC/MS	3-Nitroaniline
Aqueous/Solid	EPA 8270D	GC/MS	4,6-Dinitro-2-Methylphenol (2-Methyl-4,6-dinitrophenol)
Aqueous/Solid	EPA 8270D	GC/MS	4-Bromophenyl-Phenyl Ether
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-Phenyl Ether
Aqueous/Solid	EPA 8270D	GC/MS	4-Methylphenol (p-Cresol)
Aqueous/Solid	EPA 8270D	GC/MS	4-Nitroaniline



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ALS-Middletown

301 Fulling Mill Road, Middletown, PA 17057
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Accreditation is granted to the facility to perform the following testing:

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8270D	GC/MS	4-Nitrophenol
Aqueous/Solid	EPA 8270D	GC/MS	Acetophenone
Aqueous/Solid	EPA 8270D	GC/MS	Alpha-Terpineol
Aqueous/Solid	EPA 8270D	GC/MS	Aniline
Aqueous/Solid	EPA 8270D	GC/MS	Atrazine
Aqueous/Solid	EPA 8270D	GC/MS	Azobenzene
Aqueous/Solid	EPA 8270D	GC/MS	Benzaldehyde
Aqueous/Solid	EPA 8270D	GC/MS	Benzyl Alcohol
Aqueous/Solid	EPA 8270D	GC/MS	Bis(2-chloroethoxy) Ether
Aqueous/Solid	EPA 8270D	GC/MS	Bis(2-chloroethoxy) Methane
Aqueous/Solid	EPA 8270D	GC/MS	Bis(2-Chloroisopropyl) Ether
Aqueous/Solid	EPA 8270D	GC/MS	Bis(2-Ethylhexyl) Adipate
Aqueous/Solid	EPA 8270D	GC/MS	Bis(2-Ethylhexyl) Phthalate(DEHP)
Aqueous/Solid	EPA 8270D	GC/MS	Butyl Benzyl Phthalate
Aqueous/Solid	EPA 8270D	GC/MS	Caprolactam
Aqueous/Solid	EPA 8270D	GC/MS	Carbazole
Aqueous/Solid	EPA 8270D	GC/MS	Dibenzofuran
Aqueous/Solid	EPA 8270D	GC/MS	Diethyl Phthalate
Aqueous/Solid	EPA 8270D	GC/MS	Dimethoate
Aqueous/Solid	EPA 8270D	GC/MS	Dimethyl Phthalate
Aqueous/Solid	EPA 8270D	GC/MS	Di-n-Butyl Phthalate
Aqueous/Solid	EPA 8270D	GC/MS	Di-n-Octyl Phthalate
Aqueous/Solid	EPA 8270D	GC/MS	Dioxin Screen (2,3,7,8-TCDD)
Aqueous/Solid	EPA 8270D	GC/MS	Diphenylamine
Aqueous/Solid	EPA 8270D	GC/MS	Hexachlorethane
Aqueous/Solid	EPA 8270D	GC/MS	Hexachlorobutadiene
Aqueous/Solid	EPA 8270D	GC/MS	Hexachlorocyclopentadiene
Aqueous/Solid	EPA 8270D	GC/MS	Isophorone
Aqueous/Solid	EPA 8270D	GC/MS	n-Decane
Aqueous/Solid	EPA 8270D	GC/MS	n-Heptadecane
Aqueous/Solid	EPA 8270D	GC/MS	Nitrobenzene
Aqueous/Solid	EPA 8270D	GC/MS	n-Nitrosodiethylamine
Aqueous/Solid	EPA 8270D	GC/MS	n-Nitrosodimethylamine
Aqueous/Solid	EPA 8270D	GC/MS	n-Nitrosodiphenylamine
Aqueous/Solid	EPA 8270D	GC/MS	n-Nitroso-di-n-Butylamine
Aqueous/Solid	EPA 8270D	GC/MS	n-Nitrosodi-n-Propylamine



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Aqueous/Solid	EPA 8270D	GC/MS	n-Nitrosopyrrolidine
Aqueous/Solid	EPA 8270D	GC/MS	n-Octadecane
Aqueous/Solid	EPA 8270D	GC/MS	Pentachlorobenzene
Aqueous/Solid	EPA 8270D	GC/MS	Pentachlorophenol
Aqueous/Solid	EPA 8270D	GC/MS	Phenol
Aqueous/Solid	EPA 8270D	GC/MS	Pyridine
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	1-Methylnaphthalene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	2-Methylnaphthalene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Acenaphthene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Acenaphthylene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Anthracene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Benzo (k) Fluoranthene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Benzo(a)Anthracene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Benzo(a)Pyrene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Benzo(b)Fluoranthene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Benzo(ghi)Perylene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Chrysene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Dibenzo(a,h)Anthracene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Fluoranthene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Fluorene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Hexachlorobenzene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Indeno (1,2,3-CD) Pyrene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Naphthalene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Phenanthrene
Aqueous/Solid	EPA 8270D, EPA 8270D SIM	GC/MS/SIM	Pyrene
Aqueous/Solid	EPA 8330B	HPLC	1,3,5-Trinitrobenzene (1,3,5-TNB)
Aqueous/Solid	EPA 8330B	HPLC	1,3-Dinitrobenzene (1,3-DNB)
Aqueous/Solid	EPA 8330B	HPLC	2,4,6-Trinitrotoluene (2,4,6-TNT)
Aqueous/Solid	EPA 8330B	HPLC	2,4-Dinitrotoluene (2,4-DNT)
Aqueous/Solid	EPA 8330B	HPLC	2,6-Dinitrotoluene (2,6-DNT)
Aqueous/Solid	EPA 8330B	HPLC	2-Amino-4,6-Dinitrotoluene
Aqueous/Solid	EPA 8330B	HPLC	2-Nitrotoluene
Aqueous/Solid	EPA 8330B	HPLC	3,5-Dinitroaniline
Aqueous/Solid	EPA 8330B	HPLC	3-Nitrotoluene
Aqueous/Solid	EPA 8330B	HPLC	4-Amino-2,6-Dinitrotoluene
Aqueous/Solid	EPA 8330B	HPLC	4-Nitrotoluene



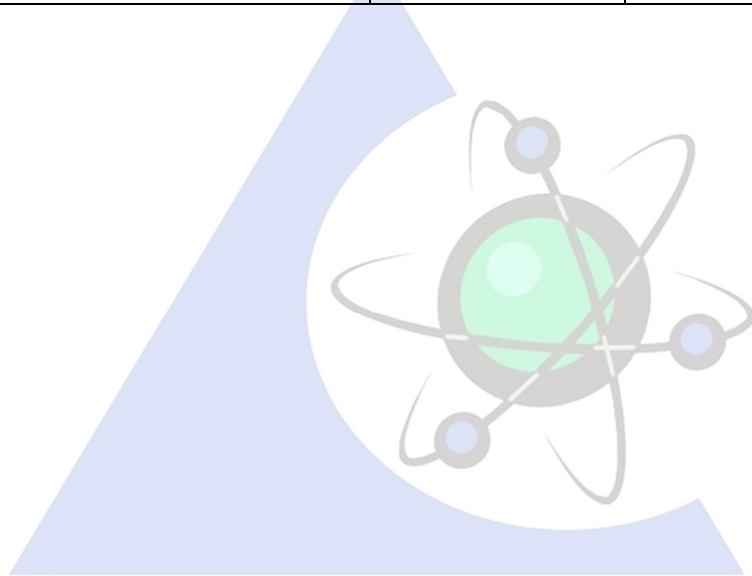
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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8330B	HPLC	HMX
Aqueous/Solid	EPA 8330B	HPLC	Nitrobenzene
Aqueous/Solid	EPA 8330B	HPLC	Nitroglycerin
Aqueous/Solid	EPA 8330B	HPLC	PETN
Aqueous/Solid	EPA 8330B	HPLC	RDX
Aqueous/Solid	EPA 8330B	HPLC	Tetryl
Aqueous/Solid	EPA 9012B	Colorimetric	Total Cyanide
Aqueous/Solid	EPA 9020B	Combustion	Total Organic Halides
Aqueous/Solid	EPA 9066	Colorimetric	Phenolic Substances
Aqueous/Solid	SW846 7.3.4.2	Colorimetric	Reactive Sulfide





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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 3510C	Sep Funnel Extraction	Semivolatiles, pesticides, PCBs
Aqueous	EPA 5030B	Purge and Trap	Volatile Organics Prep
Solid	EPA 1030	Ignition	Ignitability
Solid	EPA 3050B	Acid Digestion Hot Plate	Metals
Solid	EPA 3535	Solid Phase Extraction	Prep Method (Explosives)
Solid	EPA 3546	Microwave Extraction	Semivolatiles, pesticides, PCBs
Solid	EPA 5035A	P&T closed	Volatiles
Aqueous/Solid	EPA 1010A	Pensky Martin	Flashpoint
Aqueous/Solid	EPA 1311	TCLP	Physical Extraction
Aqueous/Solid	EPA 1311	TCLP ZHE	Prep Method
Aqueous/Solid	EPA 1312	SPLP	Physical Extraction
Aqueous/Solid	EPA 3015A, EPA 3051A	Acid Digestion Microwave	Metals
Aqueous/Solid	EPA 3620B	Florisil Clean-Up	Semivolatiles, pesticides, PCBs
Aqueous/Solid	EPA 3660B	Sulfur Cleanup	PCB's
Aqueous/Solid	EPA 3665A	Sulfuric Acid Cleanup	PCBs
Aqueous/Solid	SM 4500 Norg B+C	Kjeldahl Method	Total Kjeldahl Nitrogen (TKN)