



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

DHL Analytical, Inc.
2300 Double Creek Drive, Round Rock, TX 78664

(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>
October 25, 2013	December 8, 2017	February 28, 2020
<i>Revision Date:</i>	<i>Accreditation No.:</i>	<i>Certificate No.:</i>
December 17, 2018	74493	L17-522-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.pjilabs.com



Certificate of Accreditation: Supplement

ISO/IEC 17025:2005 and DoD-ELAP

DHL Analytical, Inc.

230 Double Creek Drive, Round Rock, TX 78664
Contact Name: Sherri Herschmann Phone: 512-388-8222

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

Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 1664A	Gravimetric	n-Hexane Extractable Material (HEM) (O&G)
Aqueous	EPA 200.8	ICP-MS	Aluminum
Aqueous	EPA 200.8	ICP-MS	Antimony
Aqueous	EPA 200.8	ICP-MS	Arsenic
Aqueous	EPA 200.8	ICP-MS	Barium
Aqueous	EPA 200.8	ICP-MS	Beryllium
Aqueous	EPA 200.8	ICP-MS	Boron
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	Strontium
Aqueous	EPA 200.8	ICP-MS	Thallium
Aqueous	EPA 200.8	ICP-MS	Tin
Aqueous	EPA 200.8	ICP-MS	Titanium
Aqueous	EPA 200.8	ICP-MS	Vanadium
Aqueous	EPA 200.8	ICP-MS	Zinc
Aqueous	EPA 245.1	CVAA	Mercury
Aqueous	EPA 300	Ion Chromatography	Bromide
Aqueous	EPA 300	Ion Chromatography	Chloride
Aqueous	EPA 300	Ion Chromatography	Fluoride
Aqueous	EPA 300	Ion Chromatography	Nitrate and Nitrite as N
Aqueous	EPA 300	Ion Chromatography	Nitrate as N
Aqueous	EPA 300	Ion Chromatography	Nitrite as N



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 300	Ion Chromatography	Sulfate
Aqueous	EPA 602	GC-PID	Benzene
Aqueous	EPA 602	GC-PID	Ethylbenzene
Aqueous	EPA 602	GC-PID	m+p-Xylene
Aqueous	EPA 602	GC-PID	Methyl tert-butyl ether (MTBE)
Aqueous	EPA 602	GC-PID	o-Xylene
Aqueous	EPA 602	GC-PID	Toluene
Aqueous	EPA 602	GC-PID	Xylenes, total
Aqueous	EPA 608	GC-ECD	Aroclor 1016
Aqueous	EPA 608	GC-ECD	Aroclor 1221
Aqueous	EPA 608	GC-ECD	Aroclor 1232
Aqueous	EPA 608	GC-ECD	Aroclor 1242
Aqueous	EPA 608	GC-ECD	Aroclor 1248
Aqueous	EPA 608	GC-ECD	Aroclor 1254
Aqueous	EPA 608	GC-ECD	Aroclor 1260
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-Trichloro-1,2,2-trifluoroethane (Freon 113)
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
Aqueous	EPA 624	GC-MS	1,1-Dichloropropene
Aqueous	EPA 624	GC-MS	1,2 Dichlorobenzene
Aqueous	EPA 624	GC-MS	1,2 Dichloroethane
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-Dichloropropane
Aqueous	EPA 624	GC-MS	1,3 Dichlorobenzene
Aqueous	EPA 624	GC-MS	1,3,5-Trimethylbenzene
Aqueous	EPA 624	GC-MS	1,3-Dichloropropane
Aqueous	EPA 624	GC-MS	1,4 Dichlorobenzene



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 624	GC-MS	1,4-Dichloro-2-butene (trans)
Aqueous	EPA 624	GC-MS	1-Chlorohexane
Aqueous	EPA 624	GC-MS	2,2-Dichloropropane
Aqueous	EPA 624	GC-MS	2-Butanone (MEK)
Aqueous	EPA 624	GC-MS	2-Chloroethylvinylether
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-Isopropyltoluene (p-Cymene),p-Isopropyltoluene
Aqueous	EPA 624	GC-MS	4-Methyl-2-pentanone (MIBK)
Aqueous	EPA 624	GC-MS	Acetone
Aqueous	EPA 624	GC-MS	Acrolein
Aqueous	EPA 624	GC-MS	Acrylonitrile
Aqueous	EPA 624	GC-MS	Benzene
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	Bromomethane (Methyl bromide)
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 (Ethyl Chloride)
Aqueous	EPA 624	GC-MS	Chloroform
Aqueous	EPA 624	GC-MS	Chloromethane (Methyl chloride)
Aqueous	EPA 624	GC-MS	cis-1,2-Dichloroethene
Aqueous	EPA 624	GC-MS	cis-1,3-Dichloropropene
Aqueous	EPA 624	GC-MS	Cyclohexane
Aqueous	EPA 624	GC-MS	Dibromochloromethane (Chlorodibromomethane)
Aqueous	EPA 624	GC-MS	Dibromomethane
Aqueous	EPA 624	GC-MS	Dichlorodifluoromethane
Aqueous	EPA 624	GC-MS	Ethyl tert-butyl ether (ETBE)
Aqueous	EPA 624	GC-MS	Ethylbenzene
Aqueous	EPA 624	GC-MS	Hexachlorobutadiene
Aqueous	EPA 624	GC-MS	Iodomethane (Methyl iodide)
Aqueous	EPA 624	GC-MS	Isopropyl alcohol (2-Propanol, Isopropanol)



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Aqueous	EPA 624	GC-MS	Isopropyl ether (DIPE, Di-isopropyl ether)
Aqueous	EPA 624	GC-MS	Isopropylbenzene
Aqueous	EPA 624	GC-MS	m+p-xylene
Aqueous	EPA 624	GC-MS	Methyl acetate
Aqueous	EPA 624	GC-MS	Methyl tert-butyl ether (MTBE)
Aqueous	EPA 624	GC-MS	Methylcyclohexane
Aqueous	EPA 624	GC-MS	Methylene Chloride (Dichloromethane)
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	o-Xylene
Aqueous	EPA 624	GC-MS	sec-Butylbenzene
Aqueous	EPA 624	GC-MS	Styrene
Aqueous	EPA 624	GC-MS	Tert-amyl methyl ether (TAME)
Aqueous	EPA 624	GC-MS	Tert-butanol (TBA, Tert-Butyl alcohol)
Aqueous	EPA 624	GC-MS	Tert-Butylbenzene
Aqueous	EPA 624	GC-MS	Tetrachloroethene (Tetrachloroethylene, Perchloroethylene)
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 acetate
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-Trichlorobenzene
Aqueous	EPA 625	GC-MS	1,2-Dichlorobenzene
Aqueous	EPA 625	GC-MS	1,2-Diphenylhydrazine
Aqueous	EPA 625	GC-MS	1,3-Dichlorobenzene
Aqueous	EPA 625	GC-MS	1,4-Dichlorobenzene
Aqueous	EPA 625	GC-MS	1-Chloronaphthalene
Aqueous	EPA 625	GC-MS	1-Methylnaphthalene
Aqueous	EPA 625	GC-MS	1-Naphthylamine
Aqueous	EPA 625	GC-MS	2,3,4,6-Tetrachlorophenol
Aqueous	EPA 625	GC-MS	2,4,5-Trichlorophenol



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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
Aqueous	EPA 625	GC-MS	2,4-Dinitrotoluene
Aqueous	EPA 625	GC-MS	2,6-Dichlorophenol
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-Methylnaphthalene
Aqueous	EPA 625	GC-MS	2-Methylphenol (o-Cresol)
Aqueous	EPA 625	GC-MS	2-Naphthylamine
Aqueous	EPA 625	GC-MS	2-Nitroaniline
Aqueous	EPA 625	GC-MS	2-Nitrophenol
Aqueous	EPA 625	GC-MS	2-Picoline (2-Methylpyridine)
Aqueous	EPA 625	GC-MS	3,3'-Dichlorobenzidine
Aqueous	EPA 625	GC-MS	3-Methylcholanthrene
Aqueous	EPA 625	GC-MS	3-Nitroaniline
Aqueous	EPA 625	GC-MS	4,4'-DDD
Aqueous	EPA 625	GC-MS	4,4'-DDE
Aqueous	EPA 625	GC-MS	4,4'-DDT
Aqueous	EPA 625	GC-MS	4,6-Dinitro-2-methylphenol (2-Methyl-4,6-Dinitrophenol)
Aqueous	EPA 625	GC-MS	4-Aminobiphenyl
Aqueous	EPA 625	GC-MS	4-Bromophenyl phenyl ether
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	7,12-Dimethylbenz(a)anthracene
Aqueous	EPA 625	GC-MS	Acenaphthene
Aqueous	EPA 625	GC-MS	Acenaphthylene
Aqueous	EPA 625	GC-MS	Acetophenone
Aqueous	EPA 625	GC-MS	Aldrin
Aqueous	EPA 625	GC-MS	alpha-BHC



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 625	GC-MS	alpha-Chlordane
Aqueous	EPA 625	GC-MS	Aniline
Aqueous	EPA 625	GC-MS	Anthracene
Aqueous	EPA 625	GC-MS	Aroclor 1016
Aqueous	EPA 625	GC-MS	Aroclor 1221
Aqueous	EPA 625	GC-MS	Aroclor 1232
Aqueous	EPA 625	GC-MS	Aroclor 1242
Aqueous	EPA 625	GC-MS	Aroclor 1248
Aqueous	EPA 625	GC-MS	Aroclor 1254
Aqueous	EPA 625	GC-MS	Aroclor 1260
Aqueous	EPA 625	GC-MS	Aspon
Aqueous	EPA 625	GC-MS	Atrazine
Aqueous	EPA 625	GC-MS	Azinphos-methyl (Guthion)
Aqueous	EPA 625	GC-MS	Benzidine
Aqueous	EPA 625	GC-MS	Benzo[a]anthracene
Aqueous	EPA 625	GC-MS	Benzo[a]pyrene
Aqueous	EPA 625	GC-MS	Benzo[b]fluoranthene
Aqueous	EPA 625	GC-MS	Benzo[e]pyrene
Aqueous	EPA 625	GC-MS	Benzo[g,h,i]perylene
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	beta-BHC
Aqueous	EPA 625	GC-MS	Biphenyl
Aqueous	EPA 625	GC-MS	Bis(2-chloroethoxy)methane
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	Bolstar (Sulprofos)
Aqueous	EPA 625	GC-MS	Butyl benzyl phthalate
Aqueous	EPA 625	GC-MS	Caprolactam
Aqueous	EPA 625	GC-MS	Carbaryl (Sevin)
Aqueous	EPA 625	GC-MS	Carbazole
Aqueous	EPA 625	GC-MS	Carbophenothion
Aqueous	EPA 625	GC-MS	Chlordane
Aqueous	EPA 625	GC-MS	Chlorfenvinphos



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 625	GC-MS	Chlorpyrifos (Dursban)
Aqueous	EPA 625	GC-MS	Chlorpyrifos methyl
Aqueous	EPA 625	GC-MS	Chrysene
Aqueous	EPA 625	GC-MS	Coumaphos
Aqueous	EPA 625	GC-MS	Crotoxyphos
Aqueous	EPA 625	GC-MS	delta-BHC
Aqueous	EPA 625	GC-MS	Demeton, Total
Aqueous	EPA 625	GC-MS	Demeton-O
Aqueous	EPA 625	GC-MS	Demeton-S
Aqueous	EPA 625	GC-MS	Diazinon
Aqueous	EPA 625	GC-MS	Dibenz(a,j)acridine
Aqueous	EPA 625	GC-MS	Dibenz[a,h]anthracene
Aqueous	EPA 625	GC-MS	Dibenzofuran
Aqueous	EPA 625	GC-MS	Dichlofenthion (Dichlorofenthion)
Aqueous	EPA 625	GC-MS	Dichlorvos (DDVP, Dichlorovos)
Aqueous	EPA 625	GC-MS	Dicrotophos
Aqueous	EPA 625	GC-MS	Dieldrin
Aqueous	EPA 625	GC-MS	Diethyl phthalate
Aqueous	EPA 625	GC-MS	Dimethoate
Aqueous	EPA 625	GC-MS	Dimethyl phthalate
Aqueous	EPA 625	GC-MS	Dimethylphenethylamine (a,a-)
Aqueous	EPA 625	GC-MS	Di-n-butyl phthalate
Aqueous	EPA 625	GC-MS	Di-n-octyl phthalate
Aqueous	EPA 625	GC-MS	Dioxathion
Aqueous	EPA 625	GC-MS	Diphenylamine
Aqueous	EPA 625	GC-MS	Disulfoton
Aqueous	EPA 625	GC-MS	Endosulfan I
Aqueous	EPA 625	GC-MS	Endosulfan II
Aqueous	EPA 625	GC-MS	Endosulfan sulfate
Aqueous	EPA 625	GC-MS	Endrin
Aqueous	EPA 625	GC-MS	Endrin aldehyde
Aqueous	EPA 625	GC-MS	Endrin ketone
Aqueous	EPA 625	GC-MS	EPN
Aqueous	EPA 625	GC-MS	Ethion
Aqueous	EPA 625	GC-MS	Ethoprophos (Ethoprop)
Aqueous	EPA 625	GC-MS	Ethyl methanesulfonate



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 625	GC-MS	Famphur
Aqueous	EPA 625	GC-MS	Fenamiphos sulfoxide
Aqueous	EPA 625	GC-MS	Fenitrothion
Aqueous	EPA 625	GC-MS	Fensulfothion
Aqueous	EPA 625	GC-MS	Fenthion
Aqueous	EPA 625	GC-MS	Fluoranthene
Aqueous	EPA 625	GC-MS	Fluorene
Aqueous	EPA 625	GC-MS	Fonophos (Fonofos, Dyfonate)
Aqueous	EPA 625	GC-MS	gamma-BHC
Aqueous	EPA 625	GC-MS	gamma-Chlordane
Aqueous	EPA 625	GC-MS	Heptachlor
Aqueous	EPA 625	GC-MS	Heptachlor epoxide
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	Hexachlorophene
Aqueous	EPA 625	GC-MS	Indeno[1,2,3-cd]pyrene
Aqueous	EPA 625	GC-MS	Isodrin
Aqueous	EPA 625	GC-MS	Isophorone
Aqueous	EPA 625	GC-MS	Leptophos
Aqueous	EPA 625	GC-MS	Malathion
Aqueous	EPA 625	GC-MS	Merphos
Aqueous	EPA 625	GC-MS	Methoxychlor
Aqueous	EPA 625	GC-MS	Methyl methanesulfonate
Aqueous	EPA 625	GC-MS	Metolachlor
Aqueous	EPA 625	GC-MS	Mevinphos
Aqueous	EPA 625	GC-MS	Monocrotophos
Aqueous	EPA 625	GC-MS	Naled
Aqueous	EPA 625	GC-MS	Naphthalene
Aqueous	EPA 625	GC-MS	Nitrobenzene
Aqueous	EPA 625	GC-MS	N-Nitrosodiethylamine
Aqueous	EPA 625	GC-MS	N-Nitrosodimethylamine
Aqueous	EPA 625	GC-MS	N-Nitroso-di-n-butylamine
Aqueous	EPA 625	GC-MS	N-Nitrosodi-n-propylamine
Aqueous	EPA 625	GC-MS	N-Nitrosodiphenylamine



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 625	GC-MS	N-Nitrosopiperidine
Aqueous	EPA 625	GC-MS	Parathion, ethyl
Aqueous	EPA 625	GC-MS	Parathion, methyl
Aqueous	EPA 625	GC-MS	p-Dimethylaminoazobenzene
Aqueous	EPA 625	GC-MS	Pentachlorobenzene
Aqueous	EPA 625	GC-MS	Pentachloronitrobenzene (PCNB)
Aqueous	EPA 625	GC-MS	Pentachlorophenol
Aqueous	EPA 625	GC-MS	Phenacetin
Aqueous	EPA 625	GC-MS	Phenanthrene
Aqueous	EPA 625	GC-MS	Phenol
Aqueous	EPA 625	GC-MS	Phorate
Aqueous	EPA 625	GC-MS	Phosmet (Imidan)
Aqueous	EPA 625	GC-MS	Phosphamidon
Aqueous	EPA 625	GC-MS	Pronamide
Aqueous	EPA 625	GC-MS	Pyrene
Aqueous	EPA 625	GC-MS	Pyridine
Aqueous	EPA 625	GC-MS	Quinoline
Aqueous	EPA 625	GC-MS	Ronnel (Fenchorphos)
Aqueous	EPA 625	GC-MS	Technical Nonylphenol
Aqueous	EPA 625	GC-MS	Terbufos
Aqueous	EPA 625	GC-MS	Tetrachlorvinphos (Stirophos, Gardona)
Aqueous	EPA 625	GC-MS	Tetraethyl dithiopyrophosphate (Sulfotepp)
Aqueous	EPA 625	GC-MS	Tetraethyl pyrophosphate (TEPP)
Aqueous	EPA 625	GC-MS	Tokuthion (Prothiofos)
Aqueous	EPA 625	GC-MS	Toxaphene
Aqueous	EPA 625	GC-MS	Trichloronate
Aqueous	EPA 7470A	CVAA	Mercury
Aqueous	EPA 9060	TOC	Total Organic Carbon (TOC)
Aqueous	EPA 9070A	Gravimetric	n-Hexane Extractable Material (HEM) (O&G)
Aqueous	HACH 8000	UV-VIS	Chemical Oxygen Demand (COD)
Aqueous	HACH 8185	UV-VIS	Silica (as SiO ₂)
Aqueous	RSK-175	GC-FID	Carbon Dioxide
Aqueous	RSK-175	GC-FID	Ethane
Aqueous	RSK-175	GC-FID	Ethene
Aqueous	RSK-175	GC-FID	Methane



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Matrix	Standard/Method	Technology	Analyte
Aqueous	RSK-175	GC-FID	n-Butane
Aqueous	RSK-175	GC-FID	n-Propane
Aqueous	SM 2130B	Other	Turbidity
Aqueous	SM 2310B	Titrimetric	Acidity(as CaCO ₃)
Aqueous	SM 2510-B	ISE	Specific Conductance (25°C)
Aqueous	SM 2540-C	Gravimetric	Total Dissolved Solids at 180° (TDS)
Aqueous	SM 2540-D	Gravimetric	Non-Filterable Residue (TSS)
Aqueous	SM 3500-Cr B	UV-VIS	Chromium VI
Aqueous	SM 4500-CN E	Colorimetric	Cyanide, Total
Aqueous	SM 4500-CN G	Colorometric	Cyanide, Amendable
Aqueous	SM 4500-NH ₃ + D	ISE	Ammonia as N
Aqueous	SM 4500-P+ E	UV-VIS	Orthophosphate as P
Aqueous	SM 4500-P+ E	UV-VIS	Total Phosphorous
Aqueous	SM 4500-S ₂ D	UV-VIS	Sulfide
Aqueous	SM 4500-Si C	UV-VIS	Silica (as SiO ₂)
Aqueous	SM 5220-D	UV-VIS	Chemical Oxygen Demand (COD)
Aqueous	SM 5310-C	TOC	Total Organic Carbon (TOC)
Solids	ASTM D2216	Gravimetric	Moisture (Percent)
Solids	EPA 200.8	ICP-MS	Aluminum
Solids	EPA 200.8	ICP-MS	Antimony
Solids	EPA 200.8	ICP-MS	Arsenic
Solids	EPA 200.8	ICP-MS	Barium
Solids	EPA 200.8	ICP-MS	Beryllium
Solids	EPA 200.8	ICP-MS	Boron
Solids	EPA 200.8	ICP-MS	Cadmium
Solids	EPA 200.8	ICP-MS	Calcium
Solids	EPA 200.8	ICP-MS	Chromium
Solids	EPA 200.8	ICP-MS	Cobalt
Solids	EPA 200.8	ICP-MS	Copper
Solids	EPA 200.8	ICP-MS	Iron
Solids	EPA 200.8	ICP-MS	Lead
Solids	EPA 200.8	ICP-MS	Magnesium
Solids	EPA 200.8	ICP-MS	Manganese
Solids	EPA 200.8	ICP-MS	Molybdenum
Solids	EPA 200.8	ICP-MS	Nickel
Solids	EPA 200.8	ICP-MS	Potassium



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ISO/IEC 17025:2005 and DoD-ELAP

DHL Analytical, Inc.

230 Double Creek Drive, Round Rock, TX 78664
Contact Name: Sherri Herschmann Phone: 512-388-8222

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

Matrix	Standard/Method	Technology	Analyte
Solids	EPA 200.8	ICP-MS	Selenium
Solids	EPA 200.8	ICP-MS	Silver
Solids	EPA 200.8	ICP-MS	Sodium
Solids	EPA 200.8	ICP-MS	Strontium
Solids	EPA 200.8	ICP-MS	Thallium
Solids	EPA 200.8	ICP-MS	Tin
Solids	EPA 200.8	ICP-MS	Titanium
Solids	EPA 200.8	ICP-MS	Vanadium
Solids	EPA 200.8	ICP-MS	Zinc
Solids	EPA 7471B	CVAA	Mercury
Aqueous/Solids	EPA 1010A	Pensky-Martin	Ignitability
Aqueous/Solids	EPA 1311	Other	TCLP
Aqueous/Solids	EPA 1312	Other	SPLP
Aqueous/Solids	EPA 6020A	ICP-MS	Aluminum
Aqueous/Solids	EPA 6020A	ICP-MS	Antimony
Aqueous/Solids	EPA 6020A	ICP-MS	Arsenic
Aqueous/Solids	EPA 6020A	ICP-MS	Barium
Aqueous/Solids	EPA 6020A	ICP-MS	Beryllium
Aqueous/Solids	EPA 6020A	ICP-MS	Boron
Aqueous/Solids	EPA 6020A	ICP-MS	Cadmium
Aqueous/Solids	EPA 6020A	ICP-MS	Calcium
Aqueous/Solids	EPA 6020A	ICP-MS	Chromium
Aqueous/Solids	EPA 6020A	ICP-MS	Cobalt
Aqueous/Solids	EPA 6020A	ICP-MS	Copper
Aqueous/Solids	EPA 6020A	ICP-MS	Iron
Aqueous/Solids	EPA 6020A	ICP-MS	Lead
Aqueous/Solids	EPA 6020A	ICP-MS	Magnesium
Aqueous/Solids	EPA 6020A	ICP-MS	Manganese
Aqueous/Solids	EPA 6020A	ICP-MS	Molybdenum
Aqueous/Solids	EPA 6020A	ICP-MS	Nickel
Aqueous/Solids	EPA 6020A	ICP-MS	Potassium
Aqueous/Solids	EPA 6020A	ICP-MS	Selenium
Aqueous/Solids	EPA 6020A	ICP-MS	Silver
Aqueous/Solids	EPA 6020A	ICP-MS	Sodium
Aqueous/Solids	EPA 6020A	ICP-MS	Strontium



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solids	EPA 6020A	ICP-MS	Thallium
Aqueous/Solids	EPA 6020A	ICP-MS	Tin
Aqueous/Solids	EPA 6020A	ICP-MS	Titanium
Aqueous/Solids	EPA 6020A	ICP-MS	Vanadium
Aqueous/Solids	EPA 6020A	ICP-MS	Zinc
Aqueous/Solids	EPA 7196A	UV-VIS	Chromium VI
Aqueous/Solids	EPA 8015D	GC-FID	Diesel range organics (DRO)
Aqueous/Solids	EPA 8015D	GC-FID	Gasoline range organics (GRO)
Aqueous/Solids	EPA 8082A	GC-ECD	Aroclor 1016
Aqueous/Solids	EPA 8082A	GC-ECD	Aroclor 1221
Aqueous/Solids	EPA 8082A	GC-ECD	Aroclor 1232
Aqueous/Solids	EPA 8082A	GC-ECD	Aroclor 1242
Aqueous/Solids	EPA 8082A	GC-ECD	Aroclor 1248
Aqueous/Solids	EPA 8082A	GC-ECD	Aroclor 1254
Aqueous/Solids	EPA 8082A	GC-ECD	Aroclor 1260
Aqueous/Solids	EPA 8260C	GC-MS	1,1,1,2-Tetrachloroethane
Aqueous/Solids	EPA 8260C	GC-MS	1,1,1-Trichloroethane
Aqueous/Solids	EPA 8260C	GC-MS	1,1,2,2-Tetrachloroethane
Aqueous/Solids	EPA 8260C	GC-MS	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)
Aqueous/Solids	EPA 8260C	GC-MS	1,1,2-Trichloroethane
Aqueous/Solids	EPA 8260C	GC-MS	1,1-Dichloroethane
Aqueous/Solids	EPA 8260C	GC-MS	1,1-Dichloroethene
Aqueous/Solids	EPA 8260C	GC-MS	1,1-Dichloropropene
Aqueous/Solids	EPA 8260C	GC-MS	1,2 Dichlorobenzene
Aqueous/Solids	EPA 8260C	GC-MS	1,2 Dichloroethane
Aqueous/Solids	EPA 8260C	GC-MS	1,2,3-Trichlorobenzene
Aqueous/Solids	EPA 8260C	GC-MS	1,2,3-Trichloropropane
Aqueous/Solids	EPA 8260C	GC-MS	1,2,4-Trichlorobenzene
Aqueous/Solids	EPA 8260C	GC-MS	1,2,4-Trimethylbenzene
Aqueous/Solids	EPA 8260C	GC-MS	1,2-Dibromo-3-chloropropane (DBCP)
Aqueous/Solids	EPA 8260C	GC-MS	1,2-Dibromoethane (EDB)
Aqueous/Solids	EPA 8260C	GC-MS	1,2-Dichloropropane
Aqueous/Solids	EPA 8260C	GC-MS	1,3 Dichlorobenzene
Aqueous/Solids	EPA 8260C	GC-MS	1,3,5-Trimethylbenzene
Aqueous/Solids	EPA 8260C	GC-MS	1,3-Dichloropropane
Aqueous/Solids	EPA 8260C	GC-MS	1,4 Dichlorobenzene



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solids	EPA 8260C	GC-MS	1,4-Dichloro-2-butene (trans)
Aqueous/Solids	EPA 8260C	GC-MS	1-Chlorohexane
Aqueous/Solids	EPA 8260C	GC-MS	2,2-Dichloropropane
Aqueous/Solids	EPA 8260C	GC-MS	2-Butanone (MEK)
Aqueous/Solids	EPA 8260C	GC-MS	2-Chloroethylvinylether
Aqueous/Solids	EPA 8260C	GC-MS	2-Chlorotoluene
Aqueous/Solids	EPA 8260C	GC-MS	2-Hexanone
Aqueous/Solids	EPA 8260C	GC-MS	4-Chlorotoluene
Aqueous/Solids	EPA 8260C	GC-MS	4-Isopropyltoluene (p-Cymene)
Aqueous/Solids	EPA 8260C	GC-MS	4-Methyl-2-pentanone (MIBK)
Aqueous/Solids	EPA 8260C	GC-MS	Acetone
Aqueous/Solids	EPA 8260C	GC-MS	Acrolein
Aqueous/Solids	EPA 8260C	GC-MS	Acrylonitrile
Aqueous/Solids	EPA 8260C	GC-MS	Benzene
Aqueous/Solids	EPA 8260C	GC-MS	Bromobenzene
Aqueous/Solids	EPA 8260C	GC-MS	Bromochloromethane
Aqueous/Solids	EPA 8260C	GC-MS	Bromodichloromethane
Aqueous/Solids	EPA 8260C	GC-MS	Bromoform
Aqueous/Solids	EPA 8260C	GC-MS	Bromomethane (Methyl bromide)
Aqueous/Solids	EPA 8260C	GC-MS	Carbon disulfide
Aqueous/Solids	EPA 8260C	GC-MS	Carbon tetrachloride
Aqueous/Solids	EPA 8260C	GC-MS	Chlorobenzene
Aqueous/Solids	EPA 8260C	GC-MS	Chloroethane (Ethyl Chloride)
Aqueous/Solids	EPA 8260C	GC-MS	Chloroform
Aqueous/Solids	EPA 8260C	GC-MS	Chloromethane (Methyl chloride)
Aqueous/Solids	EPA 8260C	GC-MS	cis-1,2-Dichloroethene
Aqueous/Solids	EPA 8260C	GC-MS	cis-1,3-Dichloropropene
Aqueous/Solids	EPA 8260C	GC-MS	Cyclohexane
Aqueous/Solids	EPA 8260C	GC-MS	Dibromochloromethane (Chlorodibromomethane)
Aqueous/Solids	EPA 8260C	GC-MS	Dibromomethane
Aqueous/Solids	EPA 8260C	GC-MS	Dichlorodifluoromethane
Aqueous/Solids	EPA 8260C	GC-MS	Ethyl tert-butyl ether (ETBE)
Aqueous/Solids	EPA 8260C	GC-MS	Ethylbenzene
Aqueous/Solids	EPA 8260C	GC-MS	Hexachlorobutadiene
Aqueous/Solids	EPA 8260C	GC-MS	Iodomethane (Methyl iodide)
Aqueous/Solids	EPA 8260C	GC-MS	Isopropyl alcohol (2-Propanol, Isopropanol)



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DHL Analytical, Inc.

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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solids	EPA 8260C	GC-MS	Isopropyl ether (DIPE, Di-isopropyl ether)
Aqueous/Solids	EPA 8260C	GC-MS	Isopropylbenzene
Aqueous/Solids	EPA 8260C	GC-MS	m+p-xylene
Aqueous/Solids	EPA 8260C	GC-MS	Methyl acetate
Aqueous/Solids	EPA 8260C	GC-MS	Methyl tert-butyl ether (MTBE)
Aqueous/Solids	EPA 8260C	GC-MS	Methylcyclohexane
Aqueous/Solids	EPA 8260C	GC-MS	Methylene Chloride (Dichloromethane)
Aqueous/Solids	EPA 8260C	GC-MS	Naphthalene
Aqueous/Solids	EPA 8260C	GC-MS	n-Butylbenzene
Aqueous/Solids	EPA 8260C	GC-MS	n-Propylbenzene
Aqueous/Solids	EPA 8260C	GC-MS	o-Xylene
Aqueous/Solids	EPA 8260C	GC-MS	sec-Butylbenzene
Aqueous/Solids	EPA 8260C	GC-MS	Styrene
Aqueous/Solids	EPA 8260C	GC-MS	Tert-amyl methyl ether (TAME)
Aqueous/Solids	EPA 8260C	GC-MS	Tert-butanol (TBA, Tert-Butyl alcohol)
Aqueous/Solids	EPA 8260C	GC-MS	Tert-Butylbenzene
Aqueous/Solids	EPA 8260C	GC-MS	Tetrachloroethene (Tetrachloroethylene, Perchloroethylene)
Aqueous/Solids	EPA 8260C	GC-MS	Toluene
Aqueous/Solids	EPA 8260C	GC-MS	trans-1,2-Dichloroethene
Aqueous/Solids	EPA 8260C	GC-MS	trans-1,3-Dichloropropene
Aqueous/Solids	EPA 8260C	GC-MS	Trichloroethene
Aqueous/Solids	EPA 8260C	GC-MS	Trichlorofluoromethane
Aqueous/Solids	EPA 8260C	GC-MS	Vinyl acetate
Aqueous/Solids	EPA 8260C	GC-MS	Vinyl chloride
Aqueous/Solids	EPA 8260C	GC-MS	Xylenes, total
Aqueous/Solids	EPA 8270D	GC-MS	1,2,4,5-Tetrachlorobenzene
Aqueous/Solids	EPA 8270D	GC-MS	1,2,4-Trichlorobenzene
Aqueous/Solids	EPA 8270D	GC-MS	1,2-Dichlorobenzene
Aqueous/Solids	EPA 8270D	GC-MS	1,2-Diphenylhydrazine
Aqueous/Solids	EPA 8270D	GC-MS	1,3-Dichlorobenzene
Aqueous/Solids	EPA 8270D	GC-MS	1,4-Dichlorobenzene
Aqueous/Solids	EPA 8270D	GC-MS	1-Chloronaphthalene
Aqueous/Solids	EPA 8270D	GC-MS	1-Methylnaphthalene
Aqueous/Solids	EPA 8270D	GC-MS	1-Naphthylamine
Aqueous/Solids	EPA 8270D	GC-MS	2,3,4,6-Tetrachlorophenol
Aqueous/Solids	EPA 8270D	GC-MS	2,4,5-Trichlorophenol



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DHL Analytical, Inc.

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Contact Name: Sherri Herschmann Phone: 512-388-8222

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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solids	EPA 8270D	GC-MS	2,4,6-Trichlorophenol
Aqueous/Solids	EPA 8270D	GC-MS	2,4-Dichlorophenol
Aqueous/Solids	EPA 8270D	GC-MS	2,4-Dimethylphenol
Aqueous/Solids	EPA 8270D	GC-MS	2,4-Dinitrophenol
Aqueous/Solids	EPA 8270D	GC-MS	2,4-Dinitrotoluene
Aqueous/Solids	EPA 8270D	GC-MS	2,6-Dichlorophenol
Aqueous/Solids	EPA 8270D	GC-MS	2,6-Dinitrotoluene
Aqueous/Solids	EPA 8270D	GC-MS	2-Chloronaphthalene
Aqueous/Solids	EPA 8270D	GC-MS	2-Chlorophenol
Aqueous/Solids	EPA 8270D	GC-MS	2-Methylnaphthalene
Aqueous/Solids	EPA 8270D	GC-MS	2-Methylphenol (o-Cresol)
Aqueous/Solids	EPA 8270D	GC-MS	2-Naphthylamine
Aqueous/Solids	EPA 8270D	GC-MS	2-Nitroaniline
Aqueous/Solids	EPA 8270D	GC-MS	2-Nitrophenol
Aqueous/Solids	EPA 8270D	GC-MS	2-Picoline (2-Methylpyridine)
Aqueous/Solids	EPA 8270D	GC-MS	3,3'-Dichlorobenzidine
Aqueous/Solids	EPA 8270D	GC-MS	3-Methylcholanthrene
Aqueous/Solids	EPA 8270D	GC-MS	3-Nitroaniline
Aqueous/Solids	EPA 8270D	GC-MS	4,4'-DDD
Aqueous/Solids	EPA 8270D	GC-MS	4,4'-DDE
Aqueous/Solids	EPA 8270D	GC-MS	4,4-DDT
Aqueous/Solids	EPA 8270D	GC-MS	4,6-Dinitro-2-methylphenol (2-Methyl-4,6-Dinitrophenol)
Aqueous/Solids	EPA 8270D	GC-MS	4-Aminobiphenyl
Aqueous/Solids	EPA 8270D	GC-MS	4-Bromophenyl phenyl ether
Aqueous/Solids	EPA 8270D	GC-MS	4-Chloro-3-methylphenol
Aqueous/Solids	EPA 8270D	GC-MS	4-Chloroaniline
Aqueous/Solids	EPA 8270D	GC-MS	4-Chlorophenyl phenyl ether
Aqueous/Solids	EPA 8270D	GC-MS	4-Methylphenol (p-Cresol)
Aqueous/Solids	EPA 8270D	GC-MS	4-Nitroaniline
Aqueous/Solids	EPA 8270D	GC-MS	4-Nitrophenol
Aqueous/Solids	EPA 8270D	GC-MS	7,12-Dimethylbenz(a)anthracene
Aqueous/Solids	EPA 8270D	GC-MS	Acenaphthene
Aqueous/Solids	EPA 8270D	GC-MS	Acenaphthylene
Aqueous/Solids	EPA 8270D	GC-MS	Acetophenone
Aqueous/Solids	EPA 8270D	GC-MS	Aldrin
Aqueous/Solids	EPA 8270D	GC-MS	alpha-BHC



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Contact Name: Sherri Herschmann Phone: 512-388-8222

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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solids	EPA 8270D	GC-MS	alpha-Chlordane
Aqueous/Solids	EPA 8270D	GC-MS	Aniline
Aqueous/Solids	EPA 8270D	GC-MS	Anthracene
Aqueous/Solids	EPA 8270D	GC-MS	Aroclor 1016
Aqueous/Solids	EPA 8270D	GC-MS	Aroclor 1221
Aqueous/Solids	EPA 8270D	GC-MS	Aroclor 1232
Aqueous/Solids	EPA 8270D	GC-MS	Aroclor 1242
Aqueous/Solids	EPA 8270D	GC-MS	Aroclor 1248
Aqueous/Solids	EPA 8270D	GC-MS	Aroclor 1254
Aqueous/Solids	EPA 8270D	GC-MS	Aroclor 1260
Aqueous/Solids	EPA 8270D	GC-MS	Aspon
Aqueous/Solids	EPA 8270D	GC-MS	Atrazine
Aqueous/Solids	EPA 8270D	GC-MS	Azinphos-methyl (Guthion)
Aqueous/Solids	EPA 8270D	GC-MS	Benzidine
Aqueous/Solids	EPA 8270D	GC-MS	Benzo[a]anthracene
Aqueous/Solids	EPA 8270D	GC-MS	Benzo[a]pyrene
Aqueous/Solids	EPA 8270D	GC-MS	Benzo[b]fluoranthene
Aqueous/Solids	EPA 8270D	GC-MS	Benzo[e]pyrene
Aqueous/Solids	EPA 8270D	GC-MS	Benzo[g,h,i]perylene
Aqueous/Solids	EPA 8270D	GC-MS	Benzo[k]fluoranthene
Aqueous/Solids	EPA 8270D	GC-MS	Benzoic acid
Aqueous/Solids	EPA 8270D	GC-MS	Benzyl alcohol
Aqueous/Solids	EPA 8270D	GC-MS	beta-BHC
Aqueous/Solids	EPA 8270D	GC-MS	Biphenyl
Aqueous/Solids	EPA 8270D	GC-MS	Bis(2-chloroethoxy)methane
Aqueous/Solids	EPA 8270D	GC-MS	Bis(2-chloroethyl)ether
Aqueous/Solids	EPA 8270D	GC-MS	Bis(2-chloroisopropyl)ether
Aqueous/Solids	EPA 8270D	GC-MS	Bis(2-ethylhexyl)phthalate
Aqueous/Solids	EPA 8270D	GC-MS	Bolstar (Sulprofos)
Aqueous/Solids	EPA 8270D	GC-MS	Butyl benzyl phthalate
Aqueous/Solids	EPA 8270D	GC-MS	Caprolactam
Aqueous/Solids	EPA 8270D	GC-MS	Carbaryl (Sevin)
Aqueous/Solids	EPA 8270D	GC-MS	Carbazole
Aqueous/Solids	EPA 8270D	GC-MS	Carbophenothion
Aqueous/Solids	EPA 8270D	GC-MS	Chlordane
Aqueous/Solids	EPA 8270D	GC-MS	Chlorfenvinphos



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solids	EPA 8270D	GC-MS	Chlorpyrifos (Dursban)
Aqueous/Solids	EPA 8270D	GC-MS	Chlorpyrifos methyl
Aqueous/Solids	EPA 8270D	GC-MS	Chrysene
Aqueous/Solids	EPA 8270D	GC-MS	Coumaphos
Aqueous/Solids	EPA 8270D	GC-MS	Crotoxyphos
Aqueous/Solids	EPA 8270D	GC-MS	delta-BHC
Aqueous/Solids	EPA 8270D	GC-MS	Demeton, Total
Aqueous/Solids	EPA 8270D	GC-MS	Demeton-O
Aqueous/Solids	EPA 8270D	GC-MS	Demeton-S
Aqueous/Solids	EPA 8270D	GC-MS	Diazinon
Aqueous/Solids	EPA 8270D	GC-MS	Dibenz(a,j)acridine
Aqueous/Solids	EPA 8270D	GC-MS	Dibenz[a,h]anthracene
Aqueous/Solids	EPA 8270D	GC-MS	Dibenzofuran
Aqueous/Solids	EPA 8270D	GC-MS	Dichlofenthion (Dichlorofenthion)
Aqueous/Solids	EPA 8270D	GC-MS	Dichlorvos (DDVP, Dichlorovos)
Aqueous/Solids	EPA 8270D	GC-MS	Dicrotophos
Aqueous/Solids	EPA 8270D	GC-MS	Dieldrin
Aqueous/Solids	EPA 8270D	GC-MS	Diethyl phthalate
Aqueous/Solids	EPA 8270D	GC-MS	Dimethoate
Aqueous/Solids	EPA 8270D	GC-MS	Dimethyl phthalate
Aqueous/Solids	EPA 8270D	GC-MS	Dimethylphenethylamine (a,a-)
Aqueous/Solids	EPA 8270D	GC-MS	Di-n-butyl phthalate
Aqueous/Solids	EPA 8270D	GC-MS	Di-n-octyl phthalate
Aqueous/Solids	EPA 8270D	GC-MS	Dioxathion
Aqueous/Solids	EPA 8270D	GC-MS	Diphenylamine
Aqueous/Solids	EPA 8270D	GC-MS	Disulfoton
Aqueous/Solids	EPA 8270D	GC-MS	Endosulfan I
Aqueous/Solids	EPA 8270D	GC-MS	Endosulfan II
Aqueous/Solids	EPA 8270D	GC-MS	Endosulfan sulfate
Aqueous/Solids	EPA 8270D	GC-MS	Endrin
Aqueous/Solids	EPA 8270D	GC-MS	Endrin aldehyde
Aqueous/Solids	EPA 8270D	GC-MS	Endrin ketone
Aqueous/Solids	EPA 8270D	GC-MS	EPN
Aqueous/Solids	EPA 8270D	GC-MS	Ethion
Aqueous/Solids	EPA 8270D	GC-MS	Ethoprophos (Ethoprop)
Aqueous/Solids	EPA 8270D	GC-MS	Ethyl methanesulfonate



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solids	EPA 8270D	GC-MS	Famphur
Aqueous/Solids	EPA 8270D	GC-MS	Fenamiphos sulfoxide
Aqueous/Solids	EPA 8270D	GC-MS	Fenitrothion
Aqueous/Solids	EPA 8270D	GC-MS	Fensulfothion
Aqueous/Solids	EPA 8270D	GC-MS	Fenthion
Aqueous/Solids	EPA 8270D	GC-MS	Fluoranthene
Aqueous/Solids	EPA 8270D	GC-MS	Fluorene
Aqueous/Solids	EPA 8270D	GC-MS	Fonophos (Fonofos, Dyfonate)
Aqueous/Solids	EPA 8270D	GC-MS	gamma-BHC
Aqueous/Solids	EPA 8270D	GC-MS	gamma-Chlordane
Aqueous/Solids	EPA 8270D	GC-MS	Heptachlor
Aqueous/Solids	EPA 8270D	GC-MS	Heptachlor epoxide
Aqueous/Solids	EPA 8270D	GC-MS	Hexachlorobenzene
Aqueous/Solids	EPA 8270D	GC-MS	Hexachlorobutadiene
Aqueous/Solids	EPA 8270D	GC-MS	Hexachlorocyclopentadiene
Aqueous/Solids	EPA 8270D	GC-MS	Hexachloroethane
Aqueous/Solids	EPA 8270D	GC-MS	Hexachlorophene
Aqueous/Solids	EPA 8270D	GC-MS	Indeno[1,2,3-cd]pyrene
Aqueous/Solids	EPA 8270D	GC-MS	Isodrin
Aqueous/Solids	EPA 8270D	GC-MS	Isophorone
Aqueous/Solids	EPA 8270D	GC-MS	Leptophos
Aqueous/Solids	EPA 8270D	GC-MS	Malathion
Aqueous/Solids	EPA 8270D	GC-MS	Merphos
Aqueous/Solids	EPA 8270D	GC-MS	Methoxychlor
Aqueous/Solids	EPA 8270D	GC-MS	Methyl methanesulfonate
Aqueous/Solids	EPA 8270D	GC-MS	Metolachlor
Aqueous/Solids	EPA 8270D	GC-MS	Mevinphos
Aqueous/Solids	EPA 8270D	GC-MS	Monocrotophos
Aqueous/Solids	EPA 8270D	GC-MS	Naled
Aqueous/Solids	EPA 8270D	GC-MS	Naphthalene
Aqueous/Solids	EPA 8270D	GC-MS	Nitrobenzene
Aqueous/Solids	EPA 8270D	GC-MS	N-Nitrosodiethylamine
Aqueous/Solids	EPA 8270D	GC-MS	N-Nitrosodimethylamine
Aqueous/Solids	EPA 8270D	GC-MS	N-Nitroso-di-n-butylamine



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ISO/IEC 17025:2005 and DoD-ELAP

DHL Analytical, Inc.

230 Double Creek Drive, Round Rock, TX 78664
Contact Name: Sherri Herschmann Phone: 512-388-8222

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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solids	EPA 8270D	GC-MS	N-Nitrosodi-n-propylamine
Aqueous/Solids	EPA 8270D	GC-MS	N-Nitrosodiphenylamine
Aqueous/Solids	EPA 8270D	GC-MS	N-Nitrosopiperidine
Aqueous/Solids	EPA 8270D	GC-MS	Parathion, ethyl
Aqueous/Solids	EPA 8270D	GC-MS	Parathion, methyl
Aqueous/Solids	EPA 8270D	GC-MS	p-Dimethylaminoazobenzene
Aqueous/Solids	EPA 8270D	GC-MS	Pentachlorobenzene
Aqueous/Solids	EPA 8270D	GC-MS	Pentachloronitrobenzene (PCNB)
Aqueous/Solids	EPA 8270D	GC-MS	Pentachlorophenol
Aqueous/Solids	EPA 8270D	GC-MS	Phenacetin
Aqueous/Solids	EPA 8270D	GC-MS	Phenanthrene
Aqueous/Solids	EPA 8270D	GC-MS	Phenol
Aqueous/Solids	EPA 8270D	GC-MS	Phorate
Aqueous/Solids	EPA 8270D	GC-MS	Phosmet (Imidan)
Aqueous/Solids	EPA 8270D	GC-MS	Phosphamidon
Aqueous/Solids	EPA 8270D	GC-MS	Pronamide
Aqueous/Solids	EPA 8270D	GC-MS	Pyrene
Aqueous/Solids	EPA 8270D	GC-MS	Pyridine
Aqueous/Solids	EPA 8270D	GC-MS	Quinoline
Aqueous/Solids	EPA 8270D	GC-MS	Ronnel (Fenchorphos)
Aqueous/Solids	EPA 8270D	GC-MS	Technical Nonylphenol
Aqueous/Solids	EPA 8270D	GC-MS	Terbufos
Aqueous/Solids	EPA 8270D	GC-MS	Tetrachlorvinphos (Stirophos, Gardona)
Aqueous/Solids	EPA 8270D	GC-MS	Tetraethyl dithiopyrophosphate (Sulfotepp)
Aqueous/Solids	EPA 8270D	GC-MS	Tetraethyl pyrophosphate (TEPP)
Aqueous/Solids	EPA 8270D	GC-MS	Tokuthion (Prothiofos)
Aqueous/Solids	EPA 8270D	GC-MS	Toxaphene
Aqueous/Solids	EPA 8270D	GC-MS	Trichloronate
Aqueous/Solids	EPA 8321B	LC-MS	2,4,5-T
Aqueous/Solids	EPA 8321B	LC-MS	2,4,5-TP (Silvex)
Aqueous/Solids	EPA 8321B	LC-MS	2,4-D
Aqueous/Solids	EPA 8321B	LC-MS	2,4-DB
Aqueous/Solids	EPA 8321B	LC-MS	2,4-DP (Dichlorprop)
Aqueous/Solids	EPA 8321B	LC-MS	Dalapon
Aqueous/Solids	EPA 8321B	LC-MS	Dicamba
Aqueous/Solids	EPA 8321B	LC-MS	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)



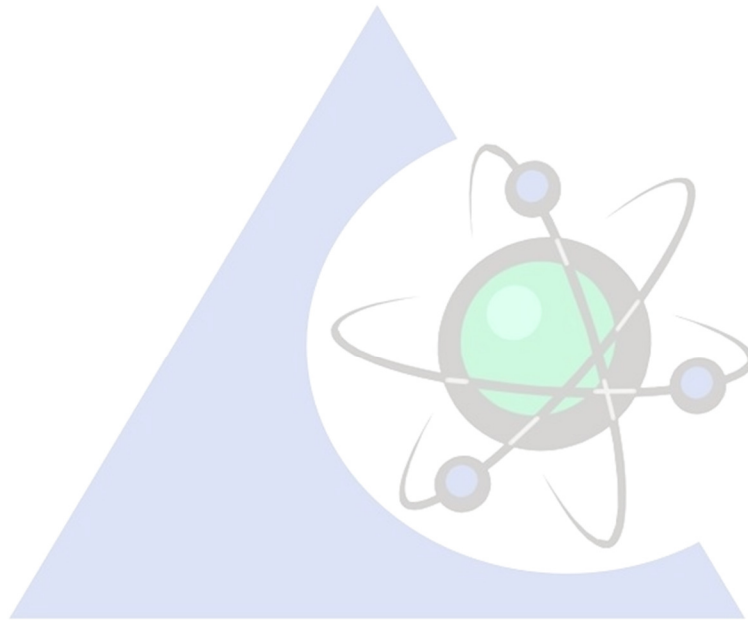
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DHL Analytical, Inc.

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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solids	EPA 8321B	LC-MS	MCPA
Aqueous/Solids	EPA 8321B	LC-MS	MCPP
Aqueous/Solids	EPA 9010C	UV-VIS	Cyanide, total
Aqueous/Solids	EPA 9014	UV-VIS	Cyanide, amenable
Aqueous/Solids	SM 2320B	Titrimetric	Alkalinity(as CaCO ₃)





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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 3005A	Digestion	Metals Preparation-Acid Digestion
Aqueous	EPA 3010A	Digestion	Metals Preparation-Acid Digestion of Aqueous Samples and Extracts for Total Metals
Aqueous	EPA 3510C	Separatory Funnel	Semi-Volatile Preparation- Separatory Funnel Liquid-Liquid Extraction
Solids	EPA 3050B	Digestion	Metals Preparation-Acid Digestion of Sediments, Sludges, and Soil
Solids	EPA 3060A	Digestion	Hexavalent Chromium-Alkaline Digestion of Soils, Sludges, Sediments, and Wastes
Solids	EPA 3550C	Sonication	Semi-Volatile Preparation-Ultrasonic Extraction of Soils, Sludges, and Sediments
Solids	EPA 3580C	Prep	Waste Dilution
Solids	EPA 5035A	P&T	Closed System Purge & Trap for Soil and Waste Samples-VOCs
Solids	EPA 9045D	ISE	pH
Solids	USDA 60	Leaching	Prep
Aqueous/Solids	EPA 3535A	SPE	Solid-Phase Extraction-SPE
Aqueous/Solids	EPA 3660B	Cleanup	Sulfur Cleanup
Aqueous/Solids	EPA 3665A	Cleanup	Sulfuric Acid Cleanup
Aqueous/Solids	EPA 5030C	P&T	Purge & Trap for Aqueous and High Concentration Soil Samples-VOCs
Aqueous/Solids	EPA 9014	UV-VIS	Cyanide, total
Aqueous/Solids	EPA 9040C	ISE	pH
Aqueous/Solids	EPA 9056A	Ion Chromatography	Bromide
Aqueous/Solids	EPA 9056A	Ion Chromatography	Chloride
Aqueous/Solids	EPA 9056A	Ion Chromatography	Fluoride
Aqueous/Solids	EPA 9056A	Ion Chromatography	Nitrate and Nitrite as N
Aqueous/Solids	EPA 9056A	Ion Chromatography	Nitrate as N
Aqueous/Solids	EPA 9056A	Ion Chromatography	Nitrite as N
Aqueous/Solids	EPA 9056A	Ion Chromatography	Sulfate
Aqueous/Solids	SM 2340-B	Other	Total Hardness (as CaCO ₃)
Aqueous/Solids	SM 4500-H+ B	ISE	pH
Aqueous/Solids	SW846, Chapter 7	UV-VIS	Reactive Cyanide
Aqueous/Solids	SW846, Chapter 7	Titrimetric	Reactive Sulfide
Aqueous/Solids	TCEQ 1005, Rev.3	GC-FID	Total Petroleum Hydrocarbons (TPH)
Aqueous/Solids	TCEQ 1006	GC-FID	Total Petroleum Hydrocarbons (TPH)