

Expires 12:01 AM April 01, 2026 Issued April 01, 2025

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. MICHAEL VERALDI LONG ISLAND ANALYTICAL LABORATORIES, INC 110 COLIN DRIVE HOLBROOK, NY 11741 NY Lab Id No: 11693

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES AIR AND EMISSIONS All approved analytes are listed below:

Acrylates		
Methyl methacrylate	EPA TO-15	
Chlorinated Hydrocarbons		
1,2,4-Trichlorobenzene	EPA TO-15	
Hexachlorobutadiene	EPA TO-15	
Metals III		
Chromium, Total	NIOSH 7300	
Polynuclear Aromatics		
Naphthalene	EPA TO-15	
Purgeable Aromatics		
1,2,4-Trimethylbenzene	EPA TO-15	
1,2-Dichlorobenzene	EPA TO-15	
1,3,5-Trimethylbenzene	EPA TO-15	
1,3-Dichlorobenzene	EPA TO-15	
1,4-Dichlorobenzene	EPA TO-15	
Benzene	EPA TO-15	
Chlorobenzene	EPA TO-15	
Ethyl benzene	EPA TO-15	
m/p-Xylenes	EPA TO-15	
o-Xylene	EPA TO-15	
Styrene	EPA TO-15	
Toluene	EPA TO-15	
Total Xylenes	EPA TO-15	
Purgeable Halocarbons		
1,1,1-Trichloroethane	EPA TO-15	
1,1,2,2-Tetrachloroethane	EPA TO-15	

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Purgeable Halocarbons

. J	
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA TO-15
1,1,2-Trichloroethane	EPA TO-15
1,1-Dichloroethane	EPA TO-15
1,1-Dichloroethene	EPA TO-15
1,2-Dibromoethane	EPA TO-15
1,2-Dichloroethane	EPA TO-15
1,2-Dichloropropane	EPA TO-15
Bromodichloromethane	EPA TO-15
Bromoform	EPA TO-15
Bromomethane	EPA TO-15
Carbon tetrachloride	EPA TO-15
Chloroethane	EPA TO-15
Chloroform	EPA TO-15
Chloromethane	EPA TO-15
cis-1,2-Dichloroethene	EPA TO-15
cis-1,3-Dichloropropene	EPA TO-15
Dibromochloromethane	EPA TO-15
Dichlorodifluoromethane	EPA TO-15
Methylene chloride	EPA TO-15
Tetrachloroethene	EPA TO-15
trans-1,2-Dichloroethene	EPA TO-15
trans-1,3-Dichloropropene	EPA TO-15
Trichloroethene	EPA TO-15
Trichlorofluoromethane	EPA TO-15
Vinyl chloride	EPA TO-15
Volatile Chlorinated Organics	

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Benzyl chloride EPA TO-15





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Volatile Organics

1,2-Dichlorotetrafluoroethane	EPA TO-15	
1,3-Butadiene	EPA TO-15	
1,4-Dioxane	EPA TO-15	
2-Butanone (Methylethyl ketone)	EPA TO-15	
4-Methyl-2-Pentanone	EPA TO-15	
Acetone	EPA TO-15	
Acrolein (Propenal)	EPA TO-15	
Carbon Disulfide	EPA TO-15	
Cyclohexane	EPA TO-15	
Hexane	EPA TO-15	
Isopropanol	EPA TO-15	
Methyl tert-butyl ether	EPA TO-15	
n-Heptane	EPA TO-15	
Vinyl acetate	EPA TO-15	

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Metals I

Lead, Total

NIOSH 7300



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Acrylates

Acrolein (Propenal)	EPA 8260D
Acrylonitrile	EPA 8260D

Amines

2-Nitroaniline	EPA 8270E
3-Nitroaniline	EPA 8270E
4-Chloroaniline	EPA 8270E
4-Nitroaniline	EPA 8270E
Aniline	EPA 8270E
Carbazole	EPA 8270E
Pyridine	EPA 625.1

Bacteriology

Coliform, Fecal	SM 9221 E-2014
Coliform, Total	SM 9221B-2014
E. coli (Enumeration)	Colilert-24
Enterococci	SM 9230D-2013 (Enterolert)

EPA 8270E

Benzidines

3,3'-Dichlorobenzidine	EPA 625.1
	EPA 8270E

Chlorinated Hydrocarbon Pesticides

4,4'-DDD	EPA 8081B
4,4'-DDE	EPA 8081B
4,4'-DDT	EPA 8081B
Aldrin	EPA 8081B
alpha-BHC	EPA 8081B
alpha-Chlordane	EPA 8081B

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Chlorinated Hydrocarbon Pesticides

beta-BHC	EPA 8081B
Chlordane Total	EPA 8081B
delta-BHC	EPA 8081B
Dieldrin	EPA 8081B
Endosulfan I	EPA 8081B
Endosulfan II	EPA 8081B
Endosulfan sulfate	EPA 8081B
Endrin	EPA 8081B
Endrin aldehyde	EPA 8081B
Endrin Ketone	EPA 8081B
gamma-Chlordane	EPA 8081B
Heptachlor	EPA 8081B
Heptachlor epoxide	EPA 8081B
Lindane	EPA 8081B
Methoxychlor	EPA 8081B
Toxaphene	EPA 8081B
Chlorinated Hydrocarbons	
1,2,3-Trichlorobenzene	EPA 8260D
1,2,4-Trichlorobenzene	EPA 625.1
	EPA 8270E
2-Chloronaphthalene	EPA 625.1
	EPA 8270E
Hexachlorobenzene	EPA 8270E
Hexachlorobutadiene	EPA 625.1
	EPA 8270E
Hexachlorocyclopentadiene	EPA 625.1
	EPA 8270E

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Chlorinated Hydrocarbons

Hexachloroethane	EPA 625.1
	EPA 8270E

Chlorophenoxy Acid Pesticides

2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A
Dicamba	EPA 8151A

Fuel Oxygenates

EPA 8260D
EPA 8260D
EPA 625.1
EPA 8270E
EPA 200.7, Rev. 4.4 (1994)
EPA 200.8, Rev. 5.4 (1994)
EPA 200.7, Rev. 4.4 (1994)

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EPA 200.8, Rev. 5.4 (1994)





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Metals I

Calcium, Total	EPA 200.7, Rev. 4.4 (1994)
Chromium, Total	EPA 200.7, Rev. 4.4 (1994)
Copper, Total	EPA 200.7, Rev. 4.4 (1994)
Iron, Total	EPA 200.7, Rev. 4.4 (1994)
Lead, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 200.8, Rev. 5.4 (1994)
Magnesium, Total	EPA 200.7, Rev. 4.4 (1994)
Manganese, Total	EPA 200.7, Rev. 4.4 (1994)
Nickel, Total	EPA 200.7, Rev. 4.4 (1994)
Potassium, Total	EPA 200.7, Rev. 4.4 (1994)
Silver, Total	EPA 200.7, Rev. 4.4 (1994)
Sodium, Total	EPA 200.7, Rev. 4.4 (1994)
Strontium, Total	EPA 200.7, Rev. 4.4 (1994)
Metals II	
Metals II Aluminum, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 200.7, Rev. 4.4 (1994) EPA 200.8, Rev. 5.4 (1994)
Aluminum, Total	EPA 200.8, Rev. 5.4 (1994)
Aluminum, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994)
Aluminum, Total Antimony, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 200.8, Rev. 5.4 (1994)
Aluminum, Total Antimony, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994)
Aluminum, Total Antimony, Total Arsenic, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 200.8, Rev. 5.4 (1994)
Aluminum, Total Antimony, Total Arsenic, Total Beryllium, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994)
Aluminum, Total Antimony, Total Arsenic, Total Beryllium, Total Mercury, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 245.1, Rev. 3.0 (1994)
Aluminum, Total Antimony, Total Arsenic, Total Beryllium, Total Mercury, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 245.1, Rev. 3.0 (1994) EPA 200.7, Rev. 4.4 (1994)

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Metals III

Cobalt, Total	EPA 200.7, Rev. 4.4 (1994)
Molybdenum, Total	EPA 200.7, Rev. 4.4 (1994)
Thallium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 200.8, Rev. 5.4 (1994)
Tin, Total	EPA 200.7, Rev. 4.4 (1994)

Mineral

Alkalinity	SM 2320B-2011
Calcium Hardness	EPA 200.7, Rev. 4.4 (1994)
Chloride	EPA 300.0, Rev. 2.1 (1993)
Fluoride, Total	EPA 300.0, Rev. 2.1 (1993)
Hardness, Total	SM 2340B-2011
Sulfate (as SO4)	EPA 300.0, Rev. 2.1 (1993)

Miscellaneous

Boron, Total	EPA 200.7, Rev. 4.4 (1994)
Cyanide, Total	SM 4500-CN E-2016
non-Polar Extractable Material (TPH)	EPA 1664A
Oil and Grease Total Recoverable	EPA 1664A
Organic Carbon, Total	SM 5310B-2014
Silica, Dissolved	EPA 200.7, Rev. 4.4 (1994)
Specific Conductance	EPA 120.1 (Rev. 1982)
Sulfide (as S)	SM 4500-S2- F-2011
Surfactant (MBAS)	SM 5540C-2011
Turbidity	SM 2130 B-2011
Nitroaromatics and Isophorone	
0.4 Disitastaluana	

2,4-Dinitrotoluene EPA 625.1 EPA 8270E

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Nitroaromatics and Isophorone

2,6-Dinitrotoluene	EPA 625.1
	EPA 8270E
Isophorone	EPA 625.1
	EPA 8270E
Nitrobenzene	EPA 625.1
	EPA 8270E

Nitrosoamines

N-Nitrosodimethylamine	EPA 625.1	
	EPA 8270E	
N-Nitrosodi-n-propylamine	EPA 625.1	
	EPA 8270E	
N-Nitrosodiphenylamine	EPA 625.1	
	EPA 8270E	
Nutrient		

Ammonia (as N)	SM 4500-NH3 C-2011
Kjeldahl Nitrogen, Total	SM 4500-NH3 C-2011
Nitrate (as N)	EPA 300.0, Rev. 2.1 (1993)
Nitrite (as N)	EPA 300.0, Rev. 2.1 (1993)
Orthophosphate (as P)	EPA 300.0, Rev. 2.1 (1993)
Phosphorus, Total	EPA 200.7, Rev. 4.4 (1994)
Phthalate Esters	
Benzyl butyl phthalate	EPA 625.1
	EPA 8270E
Bis(2-ethylhexyl) phthalate	EPA 625.1
	EPA 8270E
Diethyl phthalate	EPA 625.1

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Phthalate Esters

Diethyl phthalate	EPA 8270E	
Dimethyl phthalate	EPA 625.1	
	EPA 8270E	
Di-n-butyl phthalate	EPA 625.1	
	EPA 8270E	
Di-n-octyl phthalate	EPA 625.1	
	EPA 8270E	
Polychlorinated Biphenyls		
Aroclor 1016 (PCB-1016)	EPA 608.3	
Aroclor 1221 (PCB-1221)	EPA 608.3	
Aroclor 1232 (PCB-1232)	EPA 608.3	
Aroclor 1242 (PCB-1242)	EPA 608.3	
Aroclor 1248 (PCB-1248)	EPA 608.3	
Aroclor 1254 (PCB-1254)	EPA 608.3	
Aroclor 1260 (PCB-1260)	EPA 608.3	
Polynuclear Aromatics		
Acenaphthene	EPA 625.1	
	EPA 8270E	
Acenaphthylene	EPA 625.1	
	EPA 8270E	
Anthracene	EPA 625.1	
	EPA 8270E	
Benzo(a)pyrene	EPA 625.1	
	EPA 8270E	

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Benzo(b)fluoranthene

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EPA 625.1 EPA 8270E





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Polynuclear Aromatics

Benzo(g,h,i)perylene	EPA 625.1	
	EPA 8270E	
Benzo(k)fluoranthene	EPA 625.1	
	EPA 8270E	
Chrysene	EPA 625.1	
	EPA 8270E	
Dibenzo(a,h)anthracene	EPA 625.1	
	EPA 8270E	
Fluoranthene	EPA 625.1	
	EPA 8270E	
Fluorene	EPA 625.1	
	EPA 8270E	
Indeno(1,2,3-cd)pyrene	EPA 625.1	
	EPA 8270E	
Naphthalene	EPA 625.1	
	EPA 8270E	
Phenanthrene	EPA 625.1	
	EPA 8270E	
Pyrene	EPA 625.1	
	EPA 8270E	
Priority Pollutant Phenols		
2,4,5-Trichlorophenol	EPA 625.1	
	EPA 8270E	
2,4,6-Trichlorophenol	EPA 625.1	
	EPA 8270E	
2,4-Dichlorophenol	EPA 625.1	
	EPA 8270E	

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Priority Pollutant Phenols

2,4-Dimethylphenol	EPA 625.1	
	EPA 8270E	
2,4-Dinitrophenol	EPA 625.1	
	EPA 8270E	
2-Chlorophenol	EPA 625.1	
	EPA 8270E	
2-Methyl-4,6-dinitrophenol	EPA 625.1	
	EPA 8270E	
2-Methylphenol	EPA 625.1	
	EPA 8270E	
2-Nitrophenol	EPA 625.1	
	EPA 8270E	
3-Methylphenol	EPA 8270E	
4-Chloro-3-methylphenol	EPA 625.1	
	EPA 8270E	
4-Methylphenol	EPA 625.1	
	EPA 8270E	
4-Nitrophenol	EPA 625.1	
	EPA 8270E	
Cresols, Total	EPA 625.1	
	EPA 8270E	
Pentachlorophenol	EPA 625.1	
	EPA 8270E	
Phenol	EPA 625.1	
	EPA 8270E	
Residue		

Settleable Solids S

SM 2540 F-2015

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Residue

Solids, Total	SM 2540 B-2015
Solids, Total Dissolved	SM 2540 C-2015
Solids, Total Suspended	SM 2540 D-2015
Solids, Volatile	SM 2540 E-2015

Semi-Volatile Organics

1,2-Dichlorobenzene, Semi-volatile	EPA 8270E
1,3-Dichlorobenzene, Semi-volatile	EPA 8270E
1,4-Dichlorobenzene, Semi-volatile	EPA 8270E
2-Methylnaphthalene	EPA 8270E
Benzoic Acid	EPA 8270E
Benzyl alcohol	EPA 8270E
Dibenzofuran	EPA 8270E
Volatile Aromatics	
1,2,4-Trichlorobenzene, Volatile	EPA 8260D
1,2,4-Trimethylbenzene	EPA 8260D
1,2-Dichlorobenzene	EPA 8260D
1,3,5-Trimethylbenzene	EPA 8260D
1,3-Dichlorobenzene	EPA 8260D
1,4-Dichlorobenzene	EPA 8260D
2-Chlorotoluene	EPA 8260D
4-Chlorotoluene	EPA 8260D
Benzene	EPA 8260D
Bromobenzene	EPA 8260D
Chlorobenzene	EPA 8260D
Ethyl benzene	EPA 8260D
Isopropylbenzene	EPA 8260D

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Volatile Aromatics

m/p-Xylenes	EPA 8260D
n-Butylbenzene	EPA 8260D
n-Propylbenzene	EPA 8260D
o-Xylene	EPA 8260D
p-Isopropyltoluene (P-Cymene)	EPA 8260D
sec-Butylbenzene	EPA 8260D
Styrene	EPA 8260D
tert-Butylbenzene	EPA 8260D
Toluene	EPA 8260D
Total Xylenes	EPA 8260D
Volatile Halocarbons	
1,1,1,2-Tetrachloroethane	EPA 8260D
1,1,1-Trichloroethane	EPA 8260D
1,1,2,2-Tetrachloroethane	EPA 8260D
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260D
1,1,2-Trichloroethane	EPA 8260D
1,1-Dichloroethane	EPA 8260D
1,1-Dichloroethene	EPA 8260D
1,1-Dichloropropene	EPA 8260D
1,2,3-Trichloropropane	EPA 8260D
1,2-Dibromo-3-chloropropane	EPA 8260D
1,2-Dibromoethane	EPA 8260D
1,2-Dichloroethane	EPA 8260D
1,2-Dichloropropane	EPA 8260D
1,3-Dichloropropane	EPA 8260D
2,2-Dichloropropane	EPA 8260D
2-Chloroethylvinyl ether	EPA 8260D

of Health

Serial No.: 70580





Expires 12:01 AM April 01, 2026 Issued April 01, 2025

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. MICHAEL VERALDI LONG ISLAND ANALYTICAL LABORATORIES, INC 110 COLIN DRIVE HOLBROOK, NY 11741 NY Lab Id No: 11693

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER All approved analytes are listed below:

Volatile Halocarbons

Bromochloromethane	EPA 8260D	
Bromodichloromethane	EPA 8260D	
Bromoform	EPA 8260D	
Bromomethane	EPA 8260D	
Carbon tetrachloride	EPA 8260D	
Chloroethane	EPA 8260D	
Chloroform	EPA 8260D	
Chloromethane	EPA 8260D	
cis-1,2-Dichloroethene	EPA 8260D	
cis-1,3-Dichloropropene	EPA 8260D	
Dibromochloromethane	EPA 8260D	
Dibromomethane	EPA 8260D	
Dichlorodifluoromethane	EPA 8260D	
Hexachlorobutadiene, Volatile	EPA 8260D	
Methylene chloride	EPA 8260D	
Tetrachloroethene	EPA 8260D	
trans-1,2-Dichloroethene	EPA 8260D	
trans-1,3-Dichloropropene	EPA 8260D	
Trichloroethene	EPA 8260D	
Trichlorofluoromethane	EPA 8260D	
Vinyl chloride	EPA 8260D	
Volatiles Organics		
1,4-Dioxane	EPA 8260D	
2-Butanone (Methylethyl ketone)	EPA 8260D	
2-Hexanone	EPA 8260D	
4-Methyl-2-Pentanone	EPA 8260D	
Acetone	EPA 8260D	

of Health

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Volatiles Organics

Carbon Disulfide	EPA 8260D
Methyl acetate	EPA 8260D
Vinyl acetate	EPA 8260D

Sample Preparation Methods

EPA 5030C SM 4500-CN B-2016 and C-2016 EPA 200.2 EPA 3510C SM 4500-NH3 B-2011 SM 4500-N Org B-2011 or C-2011

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Amines Carbazole

Carbazole	EPA 625.1
Perfluorinated Alkyl Acids	
11CI-PF3OUdS	EPA 1633 (Draft)
4:2FTS	EPA 1633 (Draft)
6:2FTS	EPA 1633 (Draft)
8:2FTS	EPA 1633 (Draft)
9CI-PF3ONS	EPA 1633 (Draft)
ADONA	EPA 1633 (Draft)
HFPO-DA (GenX)	EPA 1633 (Draft)
NEtFOSAA	EPA 1633 (Draft)
NFDHA	EPA 1633 (Draft)
NMeFOSAA	EPA 1633 (Draft)
Perflourotridecanoic Acid (PFTrDA)	EPA 1633 (Draft)
Perfluordecanoic Acid (PFDA)	EPA 1633 (Draft)
Perfluoro-3-Methoxypropanoic Acid (F	EPA 1633 (Draft)
Perfluoro-4-Methoxybutanoic Acid (PF	EPA 1633 (Draft)
Perfluorobutanesulfonic Acid (PFBS)	EPA 1633 (Draft)
Perfluorobutanoic Acid (PFBA)	EPA 1633 (Draft)
Perfluorododecanoic Acid (PFDoA)	EPA 1633 (Draft)
Perfluoroheptanesulfonic Acid (PFHpS	EPA 1633 (Draft)
Perfluoroheptanoic Acid (PFHpA)	EPA 1633 (Draft)
Perfluorohexanesulfonic Acid (PFHxS	EPA 1633 (Draft)
Perfluorohexanoic Acid (PFHxA)	EPA 1633 (Draft)
Perfluorononanoic Acid (PFNA)	EPA 1633 (Draft)
Perfluorooctanesulfonic Acid (PFOS)	EPA 1633 (Draft)
Perfluorooctanoic Acid (PFOA)	EPA 1633 (Draft)
Perfluoropentanesulfonic Acid (PFPeS	EPA 1633 (Draft)

Department of Health

Serial No.: 70581



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Perfluorinated Alkyl Acids

Perfluoropentanoic Acid (PFPeA)	EPA	1633 (Draft)
Perfluorotetradecanoic Acid (PFTeDA)	EPA	1633 (Draft)
Perfluoroundecanoic Acid (PFUnA)	EPA	1633 (Draft)
PFEESA	EPA	1633 (Draft)



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Bacteriology

0,		
Coliform, Total / E. coli (Qualitative)	Colisure	
E. coli (Enumeration)	SM 20, 21-23 9223B (-04) (Colilert)	
Enterococci	SM 23 9230D (Enterolert)	
Heterotrophic Plate Count	SimPlate	
Fuel Additives		
Naphthalene	EPA 524.2	
Metals I		
Arsenic, Total	EPA 200.8 Rev. 5.4	
Barium, Total	EPA 200.7 Rev. 4.4	
	EPA 200.8 Rev. 5.4	
Cadmium, Total	EPA 200.7 Rev. 4.4	
	EPA 200.8 Rev. 5.4	
Chromium, Total	EPA 200.7 Rev. 4.4	
	EPA 200.8 Rev. 5.4	
Copper, Total	EPA 200.7 Rev. 4.4	
	EPA 200.8 Rev. 5.4	
Iron, Total	EPA 200.7 Rev. 4.4	
Lead, Total	EPA 200.8 Rev. 5.4	
Manganese, Total	EPA 200.7 Rev. 4.4	
	EPA 200.8 Rev. 5.4	
Mercury, Total	EPA 245.1 Rev. 3.0	
Selenium, Total	EPA 200.8 Rev. 5.4	
Silver, Total	EPA 200.7 Rev. 4.4	
	EPA 200.8 Rev. 5.4	
Zinc, Total	EPA 200.7 Rev. 4.4	
	EPA 200.8 Rev. 5.4	

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Metals II

Aluminum, Total	EPA 200.7 Rev. 4.4	
	EPA 200.8 Rev. 5.4	
Antimony, Total	EPA 200.8 Rev. 5.4	
Beryllium, Total	EPA 200.8 Rev. 5.4	
Molybdenum, Total	EPA 200.7 Rev. 4.4	
	EPA 200.8 Rev. 5.4	
Nickel, Total	EPA 200.7 Rev. 4.4	
	EPA 200.8 Rev. 5.4	
Thallium, Total	EPA 200.8 Rev. 5.4	
Vanadium, Total	EPA 200.8 Rev. 5.4	
Metals III		
Calcium, Total	EPA 200.7 Rev. 4.4	
Magnesium, Total	EPA 200.7 Rev. 4.4	
Potassium, Total	EPA 200.7 Rev. 4.4	
Sodium, Total	EPA 200.7 Rev. 4.4	
Miscellaneous		
1,4-Dioxane	EPA 522	
Odor	SM 21-23 2150 B (-97)	
Surfactant (MBAS)	SM 21-23 5540C (-00)	
Turbidity	SM 21-23 2130 B (-01)	
Non-Metals		
Alkalinity	SM 21-23 2320B (-97)	
Calcium Hardness	EPA 200.7 Rev. 4.4	
Chloride	EPA 300.0 Rev. 2.1	
Color	SM 21-23 2120B (-01)	
Fluoride, Total	EPA 300.0 Rev. 2.1	

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Non-Metals

Nitrate (as N)	EPA 300.0 Rev. 2.1
Nitrite (as N)	EPA 300.0 Rev. 2.1
Orthophosphate (as P)	EPA 300.0 Rev. 2.1
Silica, Total	EPA 200.7 Rev. 4.4
Solids, Total Dissolved	SM 21-23 2540C (-97)
Specific Conductance	EPA 120.1 Rev. 1982
Sulfate (as SO4)	EPA 300.0 Rev. 2.1

Perfluorinated Alkyl Acids

-	
11CI-PF3OUdS	EPA 533
4:2FTS	EPA 533
6:2FTS	EPA 533
8:2FTS	EPA 533
9CI-PF3ONS	EPA 533
ADONA	EPA 533
HFPO-DA (GenX)	EPA 533
NFDHA	EPA 533
Perfluordecanoic Acid (PFDA)	EPA 533
Perfluoro-3-Methoxypropanoic Acid (F	EPA 533
Perfluoro-4-Methoxybutanoic Acid (PF	EPA 533
Perfluorobutanesulfonic Acid (PFBS)	EPA 533
Perfluorobutanoic Acid (PFBA)	EPA 533
Perfluorododecanoic Acid (PFDoA)	EPA 533
Perfluoroheptanesulfonic Acid (PFHpS	EPA 533
Perfluoroheptanoic Acid (PFHpA)	EPA 533
Perfluorohexanesulfonic Acid (PFHxS)	EPA 533
Perfluorohexanoic Acid (PFHxA)	EPA 533
Perfluorononanoic Acid (PFNA)	EPA 533

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Perfluorinated Alkyl Acids

Perfluorooctanesulfonic Acid (PFOS)	EPA 533
	EPA 537.1, Version 2
Perfluorooctanoic Acid (PFOA)	EPA 533
	EPA 537.1, Version 2
Perfluoropentanesulfonic Acid (PFPeS	EPA 533
Perfluoropentanoic Acid (PFPeA)	EPA 533
Perfluoroundecanoic Acid (PFUnA)	EPA 533
PFEESA	EPA 533
Trihalomethanes	
Bromodichloromethane	EPA 524.2
Bromoform	EPA 524.2
Chloroform	EPA 524.2
Dibromochloromethane	EPA 524.2
Total Trihalomethanes	EPA 524.2
Volatile Aromatics	
1,2,3-Trichlorobenzene	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2
1,2,4-Trimethylbenzene	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2
1,3,5-Trimethylbenzene	EPA 524.2
1,3-Dichlorobenzene	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2
2-Chlorotoluene	EPA 524.2
4-Chlorotoluene	EPA 524.2
Benzene	EPA 524.2
Bromobenzene	EPA 524.2

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Volatile Aromatics

Chlorobenzene	EPA 524.2	
Ethyl benzene	EPA 524.2	
Hexachlorobutadiene	EPA 524.2	
Isopropylbenzene	EPA 524.2	
n-Butylbenzene	EPA 524.2	
n-Propylbenzene	EPA 524.2	
p-Isopropyltoluene (P-Cymene)	EPA 524.2	
sec-Butylbenzene	EPA 524.2	
Styrene	EPA 524.2	
tert-Butylbenzene	EPA 524.2	
Toluene	EPA 524.2	
Total Xylenes	EPA 524.2	
Volatile Halocarbons		
1,1,1,2-Tetrachloroethane	EPA 524.2	
1,1,1-Trichloroethane	EPA 524.2	
1,1,2,2-Tetrachloroethane	EPA 524.2	
1,1,2-Trichloroethane	EPA 524.2	
1,1-Dichloroethane	EPA 524.2	
1,1-Dichloroethene	EPA 524.2	
1,1-Dichloropropene	EPA 524.2	
1,2,3-Trichloropropane	EPA 524.2	
1,2-Dichloroethane	EPA 524.2	
1,2-Dichloropropane	EPA 524.2	
1,3-Dichloropropane	EPA 524.2	
2,2-Dichloropropane	EPA 524.2	
Bromochloromethane	EPA 524.2	
Bromomethane	EPA 524.2	

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Volatile Halocarbons

Carbon tetrachloride	EPA 524.2
Chloroethane	EPA 524.2
Chloromethane	EPA 524.2
cis-1,2-Dichloroethene	EPA 524.2
cis-1,3-Dichloropropene	EPA 524.2
Dibromomethane	EPA 524.2
Dichlorodifluoromethane	EPA 524.2
Methylene chloride	EPA 524.2
Tetrachloroethene	EPA 524.2
trans-1,2-Dichloroethene	EPA 524.2
trans-1,3-Dichloropropene	EPA 524.2
Trichloroethene	EPA 524.2
Trichlorofluoromethane	EPA 524.2
Vinyl chloride	EPA 524.2

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Acrylates

Acrolein (Propenal)	EPA 8260D	
Acrylonitrile	EPA 8260D	
Ethyl methacrylate	EPA 8260D	
Methyl methacrylate	EPA 8260D	
Amines		
1,2-Diphenylhydrazine	EPA 8270E	
2-Nitroaniline	EPA 8270E	
3-Nitroaniline	EPA 8270E	
4-Chloroaniline	EPA 8270E	
4-Nitroaniline	EPA 8270E	
Aniline	EPA 8270E	
Carbazole	EPA 8270E	
Benzidines		
3,3'-Dichlorobenzidine	EPA 8270E	
Benzidine	EPA 8270E	
Characteristic Testing		
Corrosivity (pH)	EPA 9045D	
Free Liquids	EPA 9095B	
Ignitability	EPA 1010A	
TCLP	EPA 1311	
Chlorinated Hydrocarbon Pe	sticides	
4,4'-DDD	EPA 8081B	
4,4'-DDE	EPA 8081B	
4,4'-DDT	EPA 8081B	
Aldrin	EPA 8081B	
alpha-BHC	EPA 8081B	

Serial No.: 70582





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Chlorinated Hydrocarbon Pesticides

alpha-Chlordane	EPA 8081B	
Atrazine	EPA 8081B	
	EPA 8270E	
beta-BHC	EPA 8081B	
Chlordane Total	EPA 8081B	
delta-BHC	EPA 8081B	
Dieldrin	EPA 8081B	
Endosulfan I	EPA 8081B	
Endosulfan II	EPA 8081B	
Endosulfan sulfate	EPA 8081B	
Endrin	EPA 8081B	
Endrin aldehyde	EPA 8081B	
Endrin Ketone	EPA 8081B	
gamma-Chlordane	EPA 8081B	
Heptachlor	EPA 8081B	
Heptachlor epoxide	EPA 8081B	
Lindane	EPA 8081B	
Methoxychlor	EPA 8081B	
Mirex	EPA 8081B	
Toxaphene	EPA 8081B	
Chlorinated Hydrocarbons		
1,2,3-Trichlorobenze	ene EPA 8260D	
1,2,4-Trichlorobenze	ene EPA 8270E	
2-Chloronaphthalene	EPA 8270E	
Hexachlorobenzene	EPA 8270E	
Hexachlorobutadiene	EPA 8270E	
Hexachlorocyclopen	tadiene EPA 8270E	

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Chlorinated Hydrocarbons

Hexachloroethane	EPA 8270E
Chlorophenoxy Acid Pesticides	
2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A
Dicamba	EPA 8151A

Haloethers

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2,2'-Oxybis(1-chloropropane)	EPA 8270E	
4-Bromophenylphenyl ether	EPA 8270E	
4-Chlorophenylphenyl ether	EPA 8270E	
Bis(2-chloroethoxy)methane	EPA 8270E	
Bis(2-chloroethyl)ether	EPA 8270E	
Metals I		

Barium, Total	EPA 6010D
Cadmium, Total	EPA 6010D
Calcium, Total	EPA 6010D
Chromium, Total	EPA 6010D
Copper, Total	EPA 6010D
Iron, Total	EPA 6010D
Lead, Total	EPA 6010D
Magnesium, Total	EPA 6010D
Manganese, Total	EPA 6010D
Nickel, Total	EPA 6010D
Potassium, Total	EPA 6010D
Silver, Total	EPA 6010D
Sodium, Total	EPA 6010D

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Metals II

Aluminum, Total	EPA 6010D
Antimony, Total	EPA 6010D
Arsenic, Total	EPA 6010D
Beryllium, Total	EPA 6010D
Chromium VI	EPA 7196A
Lithium, Total	EPA 6010D
Mercury, Total	EPA 7471B
Selenium, Total	EPA 6010D
Vanadium, Total	EPA 6010D
Zinc, Total	EPA 6010D
Metals III	
Cobalt, Total	EPA 6010D
Molybdenum, Total	EPA 6010D
Thallium, Total	EPA 6010D
Tin, Total	EPA 6010D
Titanium, Total	EPA 6010D
Minerals	
Sulfate (as SO4)	EPA 9056A
Miscellaneous	
Boron, Total	EPA 6010D
Cyanide, Total	EPA 9014
Specific Conductance	EPA 9050A
Sulfide (as S)	EPA 9034
Nitroaromatics and Isophorone	
2,4-Dinitrotoluene	EPA 8270E
2,6-Dinitrotoluene	EPA 8270E

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Nitroaromatics and Isophorone

Isophorone	EPA 8270E	
Nitrobenzene	EPA 8270E	
Pyridine	EPA 8270E	
Nitrosoamines		
N-Nitrosodimethylamine	EPA 8270E	
N-Nitrosodi-n-propylamine	EPA 8270E	
N-Nitrosodiphenylamine	EPA 8270E	
Nutrients		
Nitrate (as N)	EPA 9056A	
Nitrite (as N)	EPA 9056A	
Orthophosphate (as P)	EPA 9056A	
Organophosphate Pesticides		
Parathion ethyl	EPA 8270E	
Petroleum Hydrocarbons		
Diesel Range Organics	EPA 8015D	
Gasoline Range Organics	EPA 8015D	
Phthalate Esters		
Benzyl butyl phthalate	EPA 8270E	
Bis(2-ethylhexyl) phthalate	EPA 8270E	
Diethyl phthalate	EPA 8270E	
Dimethyl phthalate	EPA 8270E	
Di-n-butyl phthalate	EPA 8270E	
Di-n-octyl phthalate	EPA 8270E	
Polychlorinated Biphenyls		
Aroclor 1016 (PCB-1016)	EPA 8082A	

RECOGNESS TO RECOGNESS

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Polychlorinated Biphenyls

Aroclor 1016 (PCB-1016) in Oil	ASTM D4059-91,00, e05	
Aroclor 1221 (PCB-1221)	EPA 8082A	
Aroclor 1221 (PCB-1221) in Oil	ASTM D4059-91,00, e05	
Aroclor 1232 (PCB-1232)	EPA 8082A	
Aroclor 1232 (PCB-1232) in Oil	ASTM D4059-91,00, e05	
Aroclor 1242 (PCB-1242)	EPA 8082A	
Aroclor 1242 (PCB-1242) in Oil	ASTM D4059-91,00, e05	
Aroclor 1248 (PCB-1248)	EPA 8082A	
Aroclor 1248 (PCB-1248) in Oil	ASTM D4059-91,00, e05	
Aroclor 1254 (PCB-1254)	EPA 8082A	
Aroclor 1254 (PCB-1254) in Oil	ASTM D4059-91,00, e05	
Aroclor 1260 (PCB-1260)	EPA 8082A	
Aroclor 1260 (PCB-1260) in Oil	ASTM D4059-91,00, e05	
Aroclor 1262 (PCB-1262)	EPA 8082A	
Aroclor 1262 (PCB-1262) in Oil	ASTM D4059-91,00, e05	
Aroclor 1268 (PCB-1268)	EPA 8082A	
Aroclor 1268 (PCB-1268) in Oil	ASTM D4059-91,00, e05	

Polynuclear Aromatic Hydrocarbons

Acenaphthene	EPA 8270E
Acenaphthylene	EPA 8270E
Anthracene	EPA 8270E
Benzo(a)anthracene	EPA 8270E
Benzo(a)pyrene	EPA 8270E
Benzo(b)fluoranthene	EPA 8270E
Benzo(g,h,i)perylene	EPA 8270E
Benzo(k)fluoranthene	EPA 8270E
Chrysene	EPA 8270E

Serial No.: 70582





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CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. MICHAEL VERALDI LONG ISLAND ANALYTICAL LABORATORIES, INC 110 COLIN DRIVE HOLBROOK, NY 11741 NY Lab Id No: 11693

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved analytes are listed below:

Polynuclear Aromatic Hydrocarbons

Dibenzo(a,h)anthracene	EPA 8270E
Fluoranthene	EPA 8270E
Fluorene	EPA 8270E
Indeno(1,2,3-cd)pyrene	EPA 8270E
Naphthalene	EPA 8270E
Phenanthrene	EPA 8270E
Pyrene	EPA 8270E

Priority Pollutant Phenols

2,4,5-Trichlorophenol	EPA 8270E	
2,4,6-Trichlorophenol	EPA 8270E	
2,4-Dichlorophenol	EPA 8270E	
2,4-Dimethylphenol	EPA 8270E	
2,4-Dinitrophenol	EPA 8270E	
2-Chlorophenol	EPA 8270E	
2-Methyl-4,6-dinitrophenol	EPA 8270E	
2-Methylphenol	EPA 8270E	
2-Nitrophenol	EPA 8270E	
3-Methylphenol	EPA 8270E	
4-Chloro-3-methylphenol	EPA 8270E	
4-Methylphenol	EPA 8270E	
4-Nitrophenol	EPA 8270E	
Pentachlorophenol	EPA 8270E	
Phenol	EPA 8270E	
Semi-Volatile Organics		
1,1'-Biphenyl	EPA 8270E	
1,2-Dichlorobenzene, Semi-volatile	EPA 8270E	

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Semi-Volatile Organics

1,3-Dichlorobenzene, Semi-volatile	EPA 8270E
1,4-Dichlorobenzene, Semi-volatile	EPA 8270E
2-Methylnaphthalene	EPA 8270E
Acetophenone	EPA 8270E
Benzaldehyde	EPA 8270E
Benzoic Acid	EPA 8270E
Benzyl alcohol	EPA 8270E
Caprolactam	EPA 8270E
Dibenzofuran	EPA 8270E

Volatile Aromatics

1,2,4-Trichlorobenzene, Volatile	EPA 8260D
1,2,4-Trimethylbenzene	EPA 8260D
1,2-Dichlorobenzene	EPA 8260D
1,3,5-Trimethylbenzene	EPA 8260D
1,3-Dichlorobenzene	EPA 8260D
1,4-Dichlorobenzene	EPA 8260D
2-Chlorotoluene	EPA 8260D
4-Chlorotoluene	EPA 8260D
Benzene	EPA 8260D
Bromobenzene	EPA 8260D
Chlorobenzene	EPA 8260D
Ethyl benzene	EPA 8260D
Isopropylbenzene	EPA 8260D
m/p-Xylenes	EPA 8260D
Naphthalene, Volatile	EPA 8260D
n-Butylbenzene	EPA 8260D
n-Propylbenzene	EPA 8260D

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Volatile Aromatics

o-Xylene	EPA 8260D
p-Isopropyltoluene (P-Cymene)	EPA 8260D
sec-Butylbenzene	EPA 8260D
Styrene	EPA 8260D
tert-Butylbenzene	EPA 8260D
Toluene	EPA 8260D
Total Xylenes	EPA 8260D

Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 8260D
1,1,1-Trichloroethane	EPA 8260D
1,1,2,2-Tetrachloroethane	EPA 8260D
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260D
1,1,2-Trichloroethane	EPA 8260D
1,1-Dichloroethane	EPA 8260D
1,1-Dichloroethene	EPA 8260D
1,1-Dichloropropene	EPA 8260D
1,2,3-Trichloropropane	EPA 8260D
1,2-Dibromo-3-chloropropane	EPA 8260D
1,2-Dibromoethane	EPA 8260D
1,2-Dichloroethane	EPA 8260D
1,2-Dichloropropane	EPA 8260D
1,3-Dichloropropane	EPA 8260D
2,2-Dichloropropane	EPA 8260D
2-Chloroethylvinyl ether	EPA 8260D
3-Chloropropene (Allyl chloride)	EPA 8260D
Bromochloromethane	EPA 8260D
Bromodichloromethane	EPA 8260D

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Volatile Halocarbons

Bromoform	EPA 8260D
Bromomethane	EPA 8260D
Carbon tetrachloride	EPA 8260D
Chloroethane	EPA 8260D
Chloroform	EPA 8260D
Chloromethane	EPA 8260D
cis-1,2-Dichloroethene	EPA 8260D
cis-1,3-Dichloropropene	EPA 8260D
Dibromochloromethane	EPA 8260D
Dibromomethane	EPA 8260D
Dichlorodifluoromethane	EPA 8260D
Hexachlorobutadiene, Volatile	EPA 8260D
Methyl iodide	EPA 8260D
Methylene chloride	EPA 8260D
Tetrachloroethene	EPA 8260D
trans-1,2-Dichloroethene	EPA 8260D
trans-1,3-Dichloropropene	EPA 8260D
Trichloroethene	EPA 8260D
Trichlorofluoromethane	EPA 8260D
Vinyl chloride	EPA 8260D
Volatile Organics	
1,4-Dioxane	EPA 8260D
2-Butanone (Methylethyl ketone)	EPA 8260D
2-Hexanone	EPA 8260D
2-Nitropropane	EPA 8260D
4-Methyl-2-Pentanone	EPA 8260D
Acetone	EPA 8260D

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Volatile Organics

Carbon Disulfide	EPA 8260D
Di-ethyl ether	EPA 8260D
Methyl acetate	EPA 8260D
Methyl tert-butyl ether	EPA 8260D
tert-butyl alcohol	EPA 8260D
Tetrahydrofuran	EPA 8260D
Vinyl acetate	EPA 8260D

Sample Preparation Methods

EPA 5035A-L EPA 5035A-H EPA 9030B EPA 3050B EPA 3546 EPA 3545A EPA 3060A EPA 9010C

Department of Health

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Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/, by phone (518) 485-5570 or by email to elap@health.ny.gov.

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NY Lab Id No: 11693

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Ignitability	EPA 1030
Miscellaneous	
Lead in Dust Wipes	EPA 6010D
Perfluorinated Alkyl Acids	
8:2FTS	EPA 1633 (Draft)
Perflourotridecanoic Acid (PFTrDA)	EPA 1633 (Draft)
Perfluordecanoic Acid (PFDA)	EPA 1633 (Draft)
Perfluorobutanoic Acid (PFBA)	EPA 1633 (Draft)
Perfluorododecanoic Acid (PFDoA)	EPA 1633 (Draft)
Perfluoroheptanoic Acid (PFHpA)	EPA 1633 (Draft)
Perfluorohexanoic Acid (PFHxA)	EPA 1633 (Draft)
Perfluorononanoic Acid (PFNA)	EPA 1633 (Draft)
Perfluorooctanesulfonic Acid (PFOS)	EPA 1633 (Draft)
Perfluorooctanoic Acid (PFOA)	EPA 1633 (Draft)
Perfluoropentanoic Acid (PFPeA)	EPA 1633 (Draft)
Perfluorotetradecanoic Acid (PFTeDA)	EPA 1633 (Draft)
Perfluoroundecanoic Acid (PFUnA)	EPA 1633 (Draft)
Sample Preparation Methods	

EPA 3050B



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Characteristic Testing