

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2025
Issued April 01, 2024

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 for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:*

Metals I

Lead, Total

NIOSH 7300



Serial No.: 68897

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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

| | |
|---------------------------------------|-----------|
| 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

| | |
|-----------------|-----------|
| 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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All approved subcategories and/or analytes are listed below:*

Amines

Carbazole EPA 625.1

Perfluorinated Alkyl Acids

11CL-PF3OUDS EPA 1633 (Draft)
4:2FTS EPA 1633 (Draft)
6:2FTS EPA 1633 (Draft)
8:2FTS EPA 1633 (Draft)
9CL-PF3ONS EPA 1633 (Draft)
ADONA EPA 1633 (Draft)
Hexafluoropropylene Oxide Dimer Acid EPA 1633 (Draft)
NETFOSAA EPA 1633 (Draft)
NMEFOSAA EPA 1633 (Draft)
Nonafluoro-3,6-Dioxaheptanoic Acid EPA 1633 (Draft)
Perfluorotridecanoic Acid (PFTRDA) EPA 1633 (Draft)
Perfluorodecanoic Acid (PFDA) EPA 1633 (Draft)
Perfluoro-3-Methoxypropanoic Acid EPA 1633 (Draft)
Perfluoro-4-Methoxybutanoic Acid 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)



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Perfluorinated Alkyl Acids

| | |
|------------------------------------|------------------|
| Perfluoropentanoic Acid (PFPEA) | EPA 1633 (Draft) |
| Perfluorotetradecanoic Acid (PFTA) | EPA 1633 (Draft) |
| Perfluoroundecanoic Acid (PFUNA) | EPA 1633 (Draft) |
| PFEESA | EPA 1633 (Draft) |



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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 EPA 8270E |

Bacteriology

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

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 625.1 EPA 8270E |
| Hexachlorobutadiene | EPA 625.1 EPA 8270E |
| Hexachlorocyclopentadiene | EPA 625.1 |

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Chlorinated Hydrocarbons

| | |
|---------------------------|-----------|
| Hexachlorocyclopentadiene | EPA 8270E |
| 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 |

Demand

| | |
|------------------|---------------|
| Carbonaceous BOD | SM 5210B-2016 |
|------------------|---------------|

Fuel Oxygenates

| | |
|-------------------------|-----------|
| Methyl tert-butyl ether | EPA 8260D |
| tert-butyl alcohol | EPA 8260D |

Haloethers

| | |
|------------------------------|-----------|
| 2,2'-Oxybis(1-chloropropane) | EPA 625.1 |
| | EPA 8270E |
| 4-Bromophenylphenyl ether | EPA 625.1 |
| | EPA 8270E |
| 4-Chlorophenylphenyl ether | EPA 625.1 |
| | EPA 8270E |
| Bis(2-chloroethoxy)methane | EPA 625.1 |
| | EPA 8270E |
| Bis(2-chloroethyl)ether | EPA 625.1 |
| | EPA 8270E |



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Metals I

| | |
|------------------|----------------------------|
| Barium, Total | EPA 200.7, Rev. 4.4 (1994) |
| Cadmium, Total | EPA 200.7, Rev. 4.4 (1994) |
| | EPA 200.9 Rev. 2.2 (1994) |
| 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) |
| 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

| | |
|------------------|----------------------------|
| Aluminum, Total | EPA 200.7, Rev. 4.4 (1994) |
| Antimony, Total | EPA 200.7, Rev. 4.4 (1994) |
| | EPA 200.9 Rev. 2.2 (1994) |
| Arsenic, Total | EPA 200.7, Rev. 4.4 (1994) |
| Beryllium, Total | EPA 200.7, Rev. 4.4 (1994) |
| | EPA 200.9 Rev. 2.2 (1994) |
| Chromium VI | EPA 7196A |
| Mercury, Total | EPA 245.1, Rev. 3.0 (1994) |
| Selenium, Total | EPA 200.7, Rev. 4.4 (1994) |
| Vanadium, Total | EPA 200.7, Rev. 4.4 (1994) |
| Zinc, Total | 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 200.9 Rev. 2.2 (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 SO ₄) | 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

| | |
|--------------------|-----------|
| 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)anthracene | EPA 625.1 EPA 8270E |
| Benzo(a)pyrene | EPA 625.1 EPA 8270E |

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2025
Issued April 01, 2024

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:*

Polynuclear Aromatics

| | |
|------------------------|-----------|
| Benzo(b)fluoranthene | EPA 625.1 |
| | EPA 8270E |
| 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 |

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Priority Pollutant Phenols

| | |
|----------------------------|------------------------|
| 2,4-Dichlorophenol | EPA 625.1 EPA 8270E |
| 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 |



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Residue

| | |
|-------------------------|----------------|
| Settleable Solids | SM 2540 F-2015 |
| 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 |

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Volatile Aromatics

| | |
|-------------------------------|-----------|
| Isopropylbenzene | EPA 8260D |
| m/p-Xylenes | EPA 8260D |
| Naphthalene, Volatile | 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 |

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Volatile Halocarbons

| | |
|-------------------------------|-----------|
| 2,2-Dichloropropane | EPA 8260D |
| 2-Chloroethylvinyl ether | EPA 8260D |
| 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 |

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Volatiles Organics

| | |
|----------------------|-----------|
| 4-Methyl-2-Pentanone | EPA 8260D |
| Acetone | EPA 8260D |
| 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 3010A
EPA 3510C
SM 4500-NH3 B-2011
SM 4500-N Org B-2011 or C-2011

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All approved subcategories and/or analytes are listed below:*

Metals I

| | |
|------------------|--------------------|
| Arsenic, Total | EPA 200.8 Rev. 5.4 |
| Barium, Total | EPA 200.8 Rev. 5.4 |
| Cadmium, Total | EPA 200.8 Rev. 5.4 |
| Chromium, Total | EPA 200.8 Rev. 5.4 |
| Copper, Total | EPA 200.8 Rev. 5.4 |
| Lead, Total | EPA 200.8 Rev. 5.4 |
| Manganese, Total | EPA 200.8 Rev. 5.4 |
| Selenium, Total | EPA 200.8 Rev. 5.4 |
| Silver, Total | EPA 200.8 Rev. 5.4 |
| Zinc, Total | EPA 200.8 Rev. 5.4 |

Metals II

| | |
|-------------------|--------------------|
| Aluminum, Total | 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 200.8 Rev. 5.4 |
| Nickel, Total | EPA 200.8 Rev. 5.4 |
| Thallium, Total | EPA 200.8 Rev. 5.4 |
| Vanadium, Total | EPA 200.8 Rev. 5.4 |

NEW
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Bacteriology

| | |
|---|-------------------------------------|
| 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

| | |
|-------------------------|-----------|
| Methyl tert-butyl ether | EPA 524.2 |
| Naphthalene | EPA 524.2 |

Metals I

| | |
|------------------|--------------------|
| Arsenic, Total | EPA 200.9 Rev. 2.2 |
| Barium, Total | EPA 200.7 Rev. 4.4 |
| Cadmium, Total | EPA 200.7 Rev. 4.4 |
| Chromium, Total | EPA 200.9 Rev. 2.2 |
| Chromium, Total | EPA 200.7 Rev. 4.4 |
| Copper, Total | EPA 200.7 Rev. 4.4 |
| Iron, Total | EPA 200.7 Rev. 4.4 |
| Lead, Total | EPA 200.5 |
| Lead, Total | EPA 200.9 Rev. 2.2 |
| Manganese, Total | EPA 200.7 Rev. 4.4 |
| Mercury, Total | EPA 245.1 Rev. 3.0 |
| Selenium, Total | EPA 200.9 Rev. 2.2 |
| Silver, Total | EPA 200.7 Rev. 4.4 |
| Zinc, Total | EPA 200.7 Rev. 4.4 |

Metals II

| | |
|------------------|--------------------|
| Aluminum, Total | EPA 200.7 Rev. 4.4 |
| Antimony, Total | EPA 200.9 Rev. 2.2 |
| Beryllium, Total | EPA 200.9 Rev. 2.2 |

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Metals II

| | |
|-------------------|--------------------|
| Molybdenum, Total | EPA 200.7 Rev. 4.4 |
| Nickel, Total | EPA 200.7 Rev. 4.4 |
| Thallium, Total | EPA 200.9 Rev. 2.2 |

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) |
| Cyanide | SM 20, 21-23 4500-CN E |
| Fluoride, Total | EPA 300.0 Rev. 2.1 |
| 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 |

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Non-Metals

Sulfate (as SO₄) EPA 300.0 Rev. 2.1

Perfluorinated Alkyl Acids

11CL-PF3OUDS EPA 533
4:2FTS EPA 533
6:2FTS EPA 533
8:2FTS EPA 533
9CL-PF3ONS EPA 533
ADONA EPA 533
Hexafluoropropylene Oxide Dimer Acid EPA 533
Nonafluoro-3,6-Dioxaheptanoic Acid EPA 533
Perfluorodecanoic Acid (PFDA) EPA 533
Perfluoro-3-Methoxypropanoic Acid EPA 533
Perfluoro-4-Methoxybutanoic Acid 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
Perfluorooctanesulfonic Acid (PFOS) EPA 533
EPA 537.1
Perfluorooctanoic Acid (PFOA) EPA 533
EPA 537.1
Perfluoropentanesulfonic Acid (PFPEs) EPA 533
Perfluoropentanoic Acid (PFPEA) EPA 533



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Perfluorinated Alkyl Acids

| | |
|----------------------------------|---------|
| Perfluoroundecanoic Acid (PFUNA) | EPA 533 |
| PFEESA | EPA 533 |

Trihalomethanes

| | |
|-----------------------|-----------|
| 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 |
| 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 |



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Issued April 01, 2024

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 POTABLE WATER
All approved analytes are listed below:*

Volatile Aromatics

| | |
|---------------|-----------|
| 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 |
| 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 |
| Tetrachloroethene | EPA 524.2 |
| trans-1,2-Dichloroethene | EPA 524.2 |
| trans-1,3-Dichloropropene | EPA 524.2 |

Serial No.: 68890

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Volatile Halocarbons

| | |
|------------------------|-----------|
| Trichloroethene | EPA 524.2 |
| Trichlorofluoromethane | EPA 524.2 |
| Vinyl chloride | EPA 524.2 |



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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:*

Perfluorinated Alkyl Acids

| | |
|-------------------------------------|------------------|
| 8:2FTS | EPA 1633 (Draft) |
| Perfluorotridecanoic Acid (PFTRDA) | EPA 1633 (Draft) |
| Perfluorodecanoic 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 (PFTA) | EPA 1633 (Draft) |
| Perfluoroundecanoic Acid (PFUNA) | EPA 1633 (Draft) |

Sample Preparation Methods

EPA 3050B



Serial No.: 68895

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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:*

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 Pesticides

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

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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-Trichlorobenzene | EPA 8260D |
| 1,2,4-Trichlorobenzene | EPA 8270E |
| 2-Chloronaphthalene | EPA 8270E |
| Hexachlorobenzene | EPA 8270E |
| Hexachlorobutadiene | EPA 8270E |
| Hexachlorocyclopentadiene | 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

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 |
| Thallium, Total | EPA 6010D |
| Tin, Total | EPA 6010D |
| Titanium, Total | EPA 6010D |

Minerals

| | |
|-------------------------------|-----------|
| Sulfate (as SO ₄) | 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 |
| Isophorone | EPA 8270E |

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Nitroaromatics and Isophorone

| | |
|--------------|-----------|
| 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 |
| Aroclor 1016 (PCB-1016) in Oil | ASTM D4059-91.00, e05 |

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Polychlorinated Biphenyls

| | |
|--------------------------------|-----------------------|
| 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 |
| Dibenzo(a,h)anthracene | EPA 8270E |

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Polynuclear Aromatic Hydrocarbons

| | |
|------------------------|-----------|
| 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 |
| 1,3-Dichlorobenzene, Semi-volatile | EPA 8270E |

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Semi-Volatile Organics

| | |
|------------------------------------|-----------|
| 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 |
| o-Xylene | EPA 8260D |



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Volatile Aromatics

| | |
|-------------------------------|-----------|
| 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 |
| Bromoform | EPA 8260D |

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2025
Issued April 01, 2024

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:*

Volatile Halocarbons

| | |
|-------------------------------|-----------|
| 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 |
| Carbon Disulfide | EPA 8260D |

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Volatile Organics

| | |
|-------------------------|-----------|
| 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



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