

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

NY Lab Id No: 11313

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MS. LAUREL STODDARD ESS LABORATORY - DIV OF THIELSCH ENGINEER 185 FRANCES AVENUE CRANSTON, RI 02910

> 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:

Fuel Additives

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

Microextractables

1,2-Dibromo-3-chloropropane, Low Le EPA 504.1 1,2-Dibromoethane, Low Level EPA 504.1

Trihalomethanes

| Bromodichloromethane | EPA 524.2 |
|----------------------|-----------|
| Bromoform | EPA 524.2 |
| Chloroform | EPA 524.2 |
| Dibromochloromethane | 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 |

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Volatile Aromatics

| 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 |
| Carbon tetrachloride | EPA 524.2 |
| Chloroethane | EPA 524.2 |
| Chloromethane | EPA 524.2 |
| cis-1,2-Dichloroethene | EPA 524.2 |

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Volatile Halocarbons

| 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
EPA 624.1
Acrylonitrile EPA 8260D
EPA 624.1

Amines

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

Benzidines

3,3'-Dichlorobenzidine EPA 625.1
EPA 8270E
Benzidine EPA 625.1
EPA 8270E

Chlorinated Hydrocarbon Pesticides

4,4'-DDD EPA 8081B
EPA 608.3
4,4'-DDE EPA 8081B
EPA 608.3
4,4'-DDT EPA 8081B
EPA 608.3
Aldrin EPA 8081B
EPA 608.3

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Chlorinated Hydrocarbon Pesticides

| Omormated Hydrocarbon 1 | Colloideo | |
|-------------------------|-----------|--|
| alpha-BHC | EPA 8081B | |
| | EPA 608.3 | |
| alpha-Chlordane | EPA 8081B | |
| beta-BHC | EPA 8081B | |
| | EPA 608.3 | |
| Chlordane Total | EPA 8081B | |
| | EPA 608.3 | |
| delta-BHC | EPA 8081B | |
| | EPA 608.3 | |
| Dieldrin | EPA 8081B | |
| | EPA 608.3 | |
| Endosulfan I | EPA 8081B | |
| | EPA 608.3 | |
| Endosulfan II | EPA 8081B | |
| | EPA 608.3 | |
| Endosulfan sulfate | EPA 8081B | |
| | EPA 608.3 | |
| Endrin | EPA 8081B | |
| | EPA 608.3 | |
| Endrin aldehyde | EPA 8081B | |
| | EPA 608.3 | |
| Endrin Ketone | EPA 8081B | |
| gamma-Chlordane | EPA 8081B | |
| Heptachlor | EPA 8081B | |
| | EPA 608.3 | |
| Heptachlor epoxide | EPA 8081B | |
| | EPA 608.3 | |

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Chlorinated Hydrocarbon Pesticides

 Lindane
 EPA 8081B

 EPA 608.3
 EPA 8081B

 EPA 608.3
 EPA 8081B

 EPA 8081B
 EPA 8081B

 EPA 608.3
 EPA 608.3

Chlorinated Hydrocarbons

1,2,3-Trichlorobenzene **EPA 8260D** 1,2,4,5-Tetrachlorobenzene **EPA 8270E** EPA 625.1 1,2,4-Trichlorobenzene **EPA 8270E** 2-Chloronaphthalene EPA 625.1 **EPA 8270E** Hexachlorobenzene EPA 625.1 EPA 8270E Hexachlorobutadiene EPA 625.1 **EPA 8270E** EPA 625.1 Hexachlorocyclopentadiene **EPA 8270E** Hexachloroethane EPA 625.1 FPA 8270F

Chlorophenoxy Acid Pesticides

 2,4,5-T
 EPA 8151A

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

 2,4-D
 EPA 8151A

 2,4-DB
 EPA 8151A

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Chlorophenoxy Acid Pesticides

Dalapon EPA 8151A
Dicamba EPA 8151A
Dichloroprop EPA 8151A
Dinoseb EPA 8151A

Demand

Biochemical Oxygen Demand SM 5210B-2016

Chemical Oxygen Demand EPA 410.4, Rev. 2.0 (1993)

Dissolved Gases

Ethane RSK-175
Ethene (Ethylene) RSK-175
Methane RSK-175

Fuel Oxygenates

Methyl tert-butyl ether 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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Low Level Halocarbons

1,2-Dibromo-3-chloropropane, Low Le EPA 8011 1,2-Dibromoethane, Low Level EPA 8011

Low Level Polynuclear Aromatics

| Acenaphthene Low Level | EPA 8270E SIM |
|----------------------------------|---------------|
| Acenaphthylene Low Level | EPA 8270E SIM |
| Anthracene Low Level | EPA 8270E SIM |
| Benzo(a)anthracene Low Level | EPA 8270E SIM |
| Benzo(a)pyrene Low Level | EPA 8270E SIM |
| Benzo(b)fluoranthene Low Level | EPA 8270E SIM |
| Benzo(g,h,i)perylene Low Level | EPA 8270E SIM |
| Benzo(k)fluoranthene Low Level | EPA 8270E SIM |
| Chrysene Low Level | EPA 8270E SIM |
| Dibenzo(a,h)anthracene Low Level | EPA 8270E SIM |
| Fluoranthene Low Level | EPA 8270E SIM |
| Fluorene Low Level | EPA 8270E SIM |
| Indeno(1,2,3-cd)pyrene Low Level | EPA 8270E SIM |
| Naphthalene Low Level | EPA 8270E SIM |
| Phenanthrene Low Level | EPA 8270E SIM |
| Pyrene Low Level | EPA 8270E SIM |

Metals I

Barium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D EPA 6020B

Cadmium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D EPA 6020B

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Metals I

Calcium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Chromium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D EPA 6020B

SM 3500-Cr B-2011

Copper, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Iron, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Lead, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Magnesium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Manganese, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Nickel, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Potassium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

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Metals I

Potassium, Total EPA 6020B

Silver, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

Sodium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D EPA 6020B

Strontium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

Metals II

Aluminum, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Antimony, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Arsenic, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 7010

SM 3113B-2010

Beryllium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Chromium VI EPA 7196A

Mercury, Total EPA 245.1, Rev. 3.0 (1994)

EPA 7470A

Selenium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

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Metals II

Selenium, Total EPA 6020B

EPA 7010

SM 3113B-2010

Vanadium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Zinc, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Metals III

Cobalt, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Molybdenum, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Thallium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

EPA 6020B

Tin, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

Titanium, Total EPA 6010D

Mineral

Alkalinity SM 2320B-2011

Chloride EPA 300.0, Rev. 2.1 (1993)

SM 4500-CI- E-2011

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Mineral

Chloride EPA 9056A

Fluoride, Total EPA 300.0, Rev. 2.1 (1993)

EPA 9056A

Sulfate (as SO4) EPA 300.0, Rev. 2.1 (1993)

EPA 9056A

Miscellaneous

Boron, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010D

Cyanide, Total EPA 9014

SM 4500-CN E-2016

Oil and Grease Total Recoverable EPA 1664A

EPA 1664B

Organic Carbon, Total EPA 9060A
Specific Conductance SM 2510B-2011

EPA 9050A

Sulfide (as S) SM 4500-S2- D-2011

Turbidity EPA 180.1, Rev. 2.0 (1993)

Nitroaromatics and Isophorone

2,4-Dinitrotoluene EPA 625.1

EPA 8270E

2,6-Dinitrotoluene EPA 625.1

EPA 8270E

Isophorone EPA 625.1

EPA 8270E

Nitrobenzene EPA 625.1

EPA 8270E

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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) | EPA 350.1, Rev. 2.0 (1993) |
|--------------------------|----------------------------|
| Kjeldahl Nitrogen, Total | EPA 351.2, Rev. 2.0 (1993) |
| Nitrate (as N) | EPA 353.2, Rev. 2.0 (1993) |
| Nitrate-Nitrite (as N) | EPA 353.2, Rev. 2.0 (1993) |
| Nitrite (as N) | EPA 353.2, Rev. 2.0 (1993) |
| Orthophosphate (as P) | EPA 365.1, Rev. 2.0 (1993) |
| Phosphorus, Total | EPA 365.1, Rev. 2.0 (1993) |

Organophosphate Pesticides

| Atrazine | EPA 8270D |
|----------|-----------|
| | |

Petroleum Hydrocarbons

| Diesel Range Organics | EPA 8015D |
|-------------------------|-----------|
| | EPA 8015C |
| Gasoline Range Organics | EPA 8015D |
| | EPA 8015C |
| | |

Phthalate Esters

| Benzyl butyl phthalate | EPA 625.1 |
|-----------------------------|-----------|
| | EPA 8270E |
| Bis(2-ethylhexyl) phthalate | EPA 625.1 |
| | EPA 8270E |

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Phthalate Esters

| Diethyl phthalate | EPA 625.1 |
|---------------------------|-----------|
| | 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 8082A |
| | EPA 608.3 |
| | |

| EPA 8270E | |
|-----------|---|
| | |
| EPA 8082A | |
| EPA 608.3 | |
| EPA 8082A | |
| EPA 608.3 | |
| EPA 8082A | |
| EPA 608.3 | |
| EPA 8082A | |
| EPA 608.3 | |
| EPA 8082A | |
| EPA 608.3 | |
| EPA 8082A | |
| EPA 608.3 | |
| EPA 8082A | |
| EPA 608.3 | |
| EPA 8082A | |
| | EPA 8082A EPA 608.3 |

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Aroclor 1268 (PCB-1268)





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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 | |
| 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 | |
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Polynuclear Aromatics

| Naphthalene | EPA 8270E |
|----------------------------|-----------|
| Phenanthrene | EPA 625.1 |
| | EPA 8270E |
| Pyrene | EPA 625.1 |
| | EPA 8270E |
| Duianita Dallatant Dhanala | |

| Priority Pollutant Phenols | |
|----------------------------|-----------|
| 2,3,4,6 Tetrachlorophenol | EPA 8270E |
| 2,4,5-Trichlorophenol | EPA 625.1 |
| | EPA 8270E |
| 2,4,6-Trichlorophenol | EPA 625.1 |
| | EPA 8270D |
| | EPA 8270E |
| 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 8270E |
| 2-Nitrophenol | EPA 625.1 |
| | EPA 8270E |
| 3-Methylphenol | EPA 8270E |

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4-Chloro-3-methylphenol

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EPA 625.1





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Priority Pollutant Phenols

| 4-Chloro-3-methylphenol | EPA 8270E |
|-------------------------|-----------|
| 4-Methylphenol | EPA 8270E |
| 4-Nitrophenol | EPA 625.1 |
| | EPA 8270E |
| Pentachlorophenol | EPA 625.1 |
| | EPA 8270E |
| Phenol | EPA 625.1 |
| | FPA 8270F |

Residue

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

Semi-Volatile Organics

| 1,1'-Biphenyl | EPA 8270E |
|------------------------------------|-----------|
| 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 |
| Acetophenone | EPA 8270E |
| Benzaldehyde | 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

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Volatile Aromatics

| 1,2-Dichlorobenzene | EPA 8260D |
|------------------------|-----------|
| | EPA 624.1 |
| 1,3,5-Trimethylbenzene | EPA 8260D |
| 1,3-Dichlorobenzene | EPA 8260D |
| | EPA 624.1 |
| 1,4-Dichlorobenzene | EPA 8260D |
| | EPA 624.1 |
| 2-Chlorotoluene | EPA 8260D |
| 4-Chlorotoluene | EPA 8260D |
| Benzene | EPA 8260D |
| | EPA 624.1 |
| Bromobenzene | EPA 8260D |
| Chlorobenzene | EPA 8260D |
| | EPA 624.1 |
| Ethyl benzene | EPA 8260D |
| | EPA 624.1 |
| Isopropylbenzene | EPA 8260D |
| m/p-Xylenes | EPA 8260D |
| Naphthalene, Volatile | EPA 8260D |
| n-Butylbenzene | EPA 8260D |
| n-Propylbenzene | EPA 8260D |
| o-Xylene | EPA 8260D |
| sec-Butylbenzene | EPA 8260D |
| Styrene | EPA 8260D |
| | EPA 624.1 |
| tert-Butylbenzene | EPA 8260D |
| Toluene | EPA 8260D |

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Volatile Aromatics

| Toluene | EPA 624.1 | |
|---------------------------------------|-----------|--|
| Total Xylenes | EPA 8260D | |
| | EPA 624.1 | |
| Volatile Halocarbons | | |
| 1,1,1,2-Tetrachloroethane | EPA 8260D | |
| 1,1,1-Trichloroethane | EPA 8260D | |
| | EPA 624.1 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260D | |
| | EPA 624.1 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | EPA 8260D | |
| 1,1,2-Trichloroethane | EPA 8260D | |
| | EPA 624.1 | |
| 1,1-Dichloroethane | EPA 8260D | |
| | EPA 624.1 | |
| 1,1-Dichloroethene | EPA 8260D | |
| | EPA 624.1 | |
| 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 | |
| | EPA 624.1 | |
| 1,2-Dichloropropane | EPA 8260D | |
| | EPA 624.1 | |
| 1,3-Dichloropropane | EPA 8260D | |
| 2,2-Dichloropropane | EPA 8260D | |
| | | |

Serial No.: 70954

2-Chloroethylvinyl ether

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EPA 8260D





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Volatile Halocarbons

| 2-Chloroethylvinyl ether | EPA 624.1 | |
|-------------------------------|-----------|--|
| Bromochloromethane | EPA 8260D | |
| Bromodichloromethane | EPA 8260D | |
| | EPA 624.1 | |
| Bromoform | EPA 8260D | |
| | EPA 624.1 | |
| Bromomethane | EPA 8260D | |
| | EPA 624.1 | |
| Carbon tetrachloride | EPA 8260D | |
| | EPA 624.1 | |
| Chloroethane | EPA 8260D | |
| | EPA 624.1 | |
| Chloroform | EPA 8260D | |
| | EPA 624.1 | |
| Chloromethane | EPA 8260D | |
| | EPA 624.1 | |
| cis-1,2-Dichloroethene | EPA 8260D | |
| cis-1,3-Dichloropropene | EPA 8260D | |
| | EPA 624.1 | |
| Dibromochloromethane | EPA 8260D | |
| | EPA 624.1 | |
| Dibromomethane | EPA 8260D | |
| Dichlorodifluoromethane | EPA 8260D | |
| | EPA 624.1 | |
| Hexachlorobutadiene, Volatile | EPA 8260D | |
| Methylene chloride | EPA 8260D | |
| | EPA 624.1 | |
| | | |

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Volatile Halocarbons

| Tetrachloroethene | EPA 8260D |
|---------------------------|-----------|
| | EPA 624.1 |
| trans-1,2-Dichloroethene | EPA 8260D |
| | EPA 624.1 |
| trans-1,3-Dichloropropene | EPA 8260D |
| | EPA 624.1 |
| Trichloroethene | EPA 8260D |
| | EPA 624.1 |
| Trichlorofluoromethane | EPA 8260D |
| | EPA 624.1 |
| Vinyl chloride | EPA 8260D |
| | EPA 624.1 |
| | |

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 |
| Carbon Disulfide | EPA 8260D |
| Cyclohexane | EPA 8260D |
| Hexane | EPA 8260D |
| Methyl acetate | EPA 8260D |
| Methyl cyclohexane | EPA 8260D |
| Vinyl acetate | EPA 8260D |

Sample Preparation Methods

EPA 5030C

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Sample Preparation Methods

SM 4500-CN B-2016 and C-2016

EPA 3005A

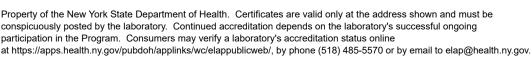
EPA 3510C

EPA 3520C

EPA 9010C



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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 |

Benzidines

| 3,3'-Dichlorobenzidine | EPA 8270E |
|------------------------|-----------|
| Benzidine | EPA 8270E |

Characteristic Testing

| Corrosivity (pH) | EPA 9045D |
|--|-----------|
| Ignitability | EPA 1010A |
| Synthetic Precipitation Leaching Proc. | EPA 1312 |
| 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 |
| alpha-Chlordane | EPA 8081B |
| Atrazine | EPA 8270D |
| | EPA 8270E |

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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 |
|----------------------------|-----------|
| 1,2,4,5-Tetrachlorobenzene | EPA 8270E |
| 1,2,4-Trichlorobenzene | EPA 8270E |
| 2-Chloronaphthalene | EPA 8270E |
| Hexachlorobenzene | EPA 8270E |
| Hexachlorobutadiene | EPA 8270E |
| Hexachlorocyclopentadiene | EPA 8270E |
| Hexachloroethane | EPA 8270E |

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Chlorophenoxy Acid Pesticides

| 2,4,5-T | EPA 8151A |
|-------------------|-----------|
| 2,4,5-TP (Silvex) | EPA 8151A |
| 2,4-D | EPA 8151A |
| 2,4-DB | EPA 8151A |
| Dalapon | EPA 8151A |
| Dicamba | EPA 8151A |
| Dichloroprop | EPA 8151A |
| MCPA | EPA 8151A |
| MCPP | 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 |
| | |

Low Level Polynuclear Aromatic Hydrocarbons

| Acenaphthene Low Level | EPA 8270E SIM |
|----------------------------------|---------------|
| Acenaphthylene Low Level | EPA 8270E SIM |
| Anthracene Low Level | EPA 8270E SIM |
| Benzo(a)anthracene Low Level | EPA 8270E SIM |
| Benzo(a)pyrene Low Level | EPA 8270E SIM |
| Benzo(b)fluoranthene Low Level | EPA 8270E SIM |
| Benzo(g,h,i)perylene Low Level | EPA 8270E SIM |
| Benzo(k)fluoranthene Low Level | EPA 8270E SIM |
| Chrysene Low Level | EPA 8270E SIM |
| Dibenzo(a,h)anthracene Low Level | EPA 8270E SIM |

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Low Level Polynuclear Aromatic Hydrocarbons

| Fluoranthene Low Level | EPA 8270E SIM |
|----------------------------------|---------------|
| Fluorene Low Level | EPA 8270E SIM |
| Indeno(1,2,3-cd)pyrene Low Level | EPA 8270E SIM |
| Naphthalene Low Level | EPA 8270E SIM |
| Phenanthrene Low Level | EPA 8270E SIM |
| Pyrene Low Level | EPA 8270E SIM |

| Metals I | | |
|------------------|-----------|--|
| Barium, Total | EPA 6010D | |
| | EPA 6020B | |
| Cadmium, Total | EPA 6010D | |
| | EPA 6020B | |
| Calcium, Total | EPA 6010D | |
| | EPA 6020B | |
| Chromium, Total | EPA 6010D | |
| | EPA 6020B | |
| Copper, Total | EPA 6010D | |
| | EPA 6020B | |
| Iron, Total | EPA 6010D | |
| | EPA 6020B | |
| Lead, Total | EPA 6010D | |
| | EPA 6020B | |
| Magnesium, Total | EPA 6010D | |
| | EPA 6020B | |
| Manganese, Total | EPA 6010D | |
| | EPA 6020B | |
| Nickel, Total | EPA 6010D | |
| | EPA 6020B | |

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Metals I

| Potassium, Total | EPA 6010D | |
|------------------|-----------|--|
| | EPA 6020B | |
| Silver, Total | EPA 6010D | |
| | EPA 6020B | |
| Sodium, Total | EPA 6010D | |
| | EPA 6020B | |
| Strontium, Total | EPA 6010D | |
| Metals II | | |
| Aluminum, Total | EPA 6010D | |
| | EPA 6020B | |
| Antimony, Total | EPA 6010D | |
| | EPA 6020B | |
| Arsenic, Total | EPA 6010D | |
| | EPA 6020B | |
| | EPA 7010 | |
| Beryllium, Total | EPA 6010D | |
| | EPA 6020B | |
| Chromium VI | EPA 7196A | |
| Mercury, Total | EPA 7471B | |
| Selenium, Total | EPA 6010D | |
| | EPA 6020B | |
| | EPA 7010 | |
| Vanadium, Total | EPA 6010D | |
| Zinc, Total | EPA 6010D | |
| | EPA 6020B | |

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Metals III

| Cobalt, Total | EPA 6010D |
|-------------------|-----------|
| | EPA 6020B |
| Molybdenum, Total | EPA 6010D |
| Thallium, Total | EPA 6010D |
| | EPA 6020B |
| Tin, Total | EPA 6010D |
| Titanium, Total | EPA 6010D |
| | |

Miscellaneous

| Boron, Total | EPA 6010D |
|-----------------------|-----------|
| Cyanide, Total | EPA 9014 |
| Organic Carbon, Total | EPA 9060A |
| Specific Conductance | EPA 9050A |

Nitroaromatics and Isophorone

| 2,4-Dinitrotoluene | EPA 8270E |
|--------------------|-----------|
| 2,6-Dinitrotoluene | EPA 8270E |
| Isophorone | EPA 8270E |
| Nitrobenzene | EPA 8270E |
| Pyridine | EPA 8270E |
| | |

Nitrosoamines

| N-Nitrosodimethylamine | EPA 8270D |
|---------------------------|-----------|
| | EPA 8270E |
| N-Nitrosodi-n-propylamine | EPA 8270D |
| | EPA 8270E |
| N-Nitrosodiphenylamine | EPA 8270D |
| | EPA 8270E |

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Petroleum Hydrocarbons

| Diesel Range Organics | EPA 8015C |
|-------------------------|-----------|
| Gasoline Range Organics | EPA 8015C |

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 1221 (PCB-1221) | EPA 8082A |
| Aroclor 1232 (PCB-1232) | EPA 8082A |
| Aroclor 1242 (PCB-1242) | EPA 8082A |
| Aroclor 1248 (PCB-1248) | EPA 8082A |
| Aroclor 1254 (PCB-1254) | EPA 8082A |
| Aroclor 1260 (PCB-1260) | EPA 8082A |
| Aroclor 1262 (PCB-1262) | EPA 8082A |
| Aroclor 1268 (PCB-1268) | EPA 8082A |

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 |

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Polynuclear Aromatic Hydrocarbons

| Benzo(g,h,i)perylene | EPA 8270E |
|------------------------|-----------|
| Benzo(k)fluoranthene | EPA 8270E |
| Chrysene | FPA 8270F |
| Dibenzo(a,h)anthracene | FPA 8270F |
| Fluoranthene | FPA 8270F |
| | |
| Fluorene | EPA 8270E |
| Indeno(1,2,3-cd)pyrene | EPA 8270E |
| Naphthalene | EPA 8270E |
| Phenanthrene | EPA 8270E |
| Pyrene | EPA 8270E |

Priority Pollutant Phenols

| 2,3,4,6 Tetrachlorophenol | EPA 8270E |
|----------------------------|-----------|
| 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 |
| | |

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

MS. LAUREL STODDARD ESS LABORATORY - DIV OF THIELSCH ENGINEER 185 FRANCES AVENUE CRANSTON, RI 02910

> 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:

Semi-Volatile Organics

| 1,1'-Biphenyl | EPA 8270E | |
|------------------------------------|-----------|--|
| 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 | |
| Acetophenone | EPA 8270E | |
| Benzaldehyde | EPA 8270D | |
| | EPA 8270E | |
| Benzoic Acid | EPA 8270E | |
| Benzyl alcohol | EPA 8270E | |
| Caprolactam | EPA 8270D | |
| | 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 |
| 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 |

Serial No.: 71010





Expires 12:01 AM April 01, 2026 Issued April 01, 2025 Revised April 28, 2025

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All approved analytes are listed below:

Volatile Aromatics

| Naphthalene, Volatile | EPA 8260D |
|-----------------------|-----------|
| n-Butylbenzene | EPA 8260D |
| n-Propylbenzene | EPA 8260D |
| o-Xylene | EPA 8260D |
| sec-Butylbenzene | EPA 8260D |
| Styrene | EPA 8260D |
| tert-Butylbenzene | EPA 8260D |
| Toluene | EPA 8260D |
| Total Xylenes | EPA 8260D |

Volatile Halocarbons

| olatile 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 |
| Bromochloromethane | EPA 8260D |

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Volatile Halocarbons

| 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 |

Volatile Organics

| 1,4-Dioxane | EPA 8260D |
|---------------------------------|-----------|
| | EPA 8270E |
| 2-Butanone (Methylethyl ketone) | EPA 8260D |
| 2-Hexanone | EPA 8260D |
| 4-Methyl-2-Pentanone | EPA 8260D |
| Acetone | EPA 8260D |

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Volatile Organics

| Carbon Disulfide | EPA 8260D |
|-------------------------|-----------|
| Cyclohexane | EPA 8260D |
| Methyl acetate | EPA 8260D |
| Methyl cyclohexane | EPA 8260D |
| Methyl tert-butyl ether | EPA 8260D |
| Vinyl acetate | EPA 8260D |

Sample Preparation Methods

EPA 5035A-L EPA 5035A-H EPA 3005A EPA 3050B EPA 3540C EPA 3546 EPA 3060A

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