**NEW YORK STATE DEPARTMENT OF HEALTH**
**WADSWORTH CENTER**

Expires 12:01 AM April 01, 2020
Issued April 01, 2019

# CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

*MR. ROBERT Q. BRADLEY*
*YORK ANALYTICAL LABORATORIES INC*
*120 RESEARCH DRIVE*
*STRATFORD, CT 06615*

*NY Lab Id No: 10854*

*is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE*
*All approved analytes are listed below:*

**Acrylates**

| | |
|---|---|
| Acrolein (Propenal) | EPA 8260C |
| Acrylonitrile | EPA 8260C |
| Methyl methacrylate | EPA 8260C |

**Amines**

| | |
|---|---|
| 1,2-Diphenylhydrazine | EPA 8270D |
| 2-Nitroaniline | EPA 8270D |
| 3-Nitroaniline | EPA 8270D |
| 4-Chloroaniline | EPA 8270D |
| 4-Nitroaniline | EPA 8270D |
| Aniline | EPA 8270D |
| Carbazole | EPA 8270D |
| Diphenylamine | EPA 8270D |

**Benzidines**

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

**Characteristic Testing**

| | |
|---|---|
| Corrosivity | EPA 9045D |
| Free Liquids | EPA 9095B |
| 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 |

**Chlorinated Hydrocarbon Pesticides**

| | |
|---|---|
| 4,4'-DDT | EPA 8081B |
| Aldrin | EPA 8081B |
| alpha-BHC | EPA 8081B |
| alpha-Chlordane | EPA 8081B |
| Atrazine | EPA 8270D |
| 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 8260C |
| 1,2,4,5-Tetrachlorobenzene | EPA 8270D |

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| | |
|---|---|
| **Chlorinated Hydrocarbons** | |
| 1,2,4-Trichlorobenzene | EPA 8270D |
| 2-Chloronaphthalene | EPA 8270D |
| Hexachlorobenzene | EPA 8270D |
| Hexachlorobutadiene | EPA 8270D |
| Hexachlorocyclopentadiene | EPA 8270D |
| Hexachloroethane | EPA 8270D |
| **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 8270D |
| 4-Bromophenylphenyl ether | EPA 8270D |
| 4-Chlorophenylphenyl ether | EPA 8270D |
| Bis(2-chloroethoxy)methane | EPA 8270D |
| Bis(2-chloroethyl)ether | EPA 8270D |
| **Metals I** | |
| Barium, Total | EPA 6010C |
| | EPA 6010D |
| | EPA 6020A |
| | EPA 6020B |
| Cadmium, Total | EPA 6010C |
| | EPA 6010D |

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

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| | |
|---|---|
| **Metals I** | |
| Nickel, Total | EPA 6020A |
| | EPA 6020B |
| Potassium, Total | EPA 6010C |
| | EPA 6010D |
| Silver, Total | EPA 6010C |
| | EPA 6010D |
| Sodium, Total | EPA 6010C |
| | EPA 6010D |
| **Metals II** | |
| Aluminum, Total | EPA 6010C |
| | EPA 6010D |
| | EPA 6020A |
| | EPA 6020B |
| Antimony, Total | EPA 6010C |
| | EPA 6010D |
| | EPA 6020A |
| | EPA 6020B |
| Arsenic, Total | EPA 6010C |
| | EPA 6010D |
| | EPA 6020A |
| | EPA 6020B |
| Beryllium, Total | EPA 6010C |
| | EPA 6010D |
| | EPA 6020A |
| | EPA 6020B |

| | |
|---|---|
| **Metals II** | |
| Chromium VI | EPA 7196A |
| Mercury, Total | EPA 7471B |
| | EPA 7473 |
| Selenium, Total | EPA 6010C |
| | EPA 6010D |
| | EPA 6020A |
| | EPA 6020B |
| Vanadium, Total | EPA 6010C |
| | EPA 6010D |
| | EPA 6020A |
| | EPA 6020B |
| Zinc, Total | EPA 6010C |
| | EPA 6010D |
| | EPA 6020A |
| | EPA 6020B |
| **Metals III** | |
| Cobalt, Total | EPA 6010C |
| | EPA 6010D |
| | EPA 6020A |
| | EPA 6020B |
| Molybdenum, Total | EPA 6010D |
| | EPA 6020A |
| Thallium, Total | EPA 6010C |
| | EPA 6010D |
| | EPA 6020A |

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| | |
|---|---|
| **Metals III** | |
| Thallium, Total | EPA 6020B |
| Tin, Total | EPA 6020A |
| | EPA 6020B |
| Titanium, Total | EPA 6020A |
| **Miscellaneous** | |
| Boron, Total | EPA 6020A |
| | EPA 6020B |
| Cyanide, Total | EPA 9014 |
| Extractable Organic Halides | EPA 9023 |
| Lead in Dust Wipes | EPA 6010C |
| Lead in Paint | EPA 6010C |
| **Nitroaromatics and Isophorone** | |
| 2,4-Dinitrotoluene | EPA 8270D |
| 2,6-Dinitrotoluene | EPA 8270D |
| Isophorone | EPA 8270D |
| Nitrobenzene | EPA 8270D |
| Pyridine | EPA 8270D |
| **Nitrosoamines** | |
| N-Nitrosodimethylamine | EPA 8270D |
| N-Nitrosodi-n-propylamine | EPA 8270D |
| N-Nitrosodiphenylamine | EPA 8270D |
| **Organophosphate Pesticides** | |
| Parathion ethyl | EPA 8270D |

| | |
|---|---|
| **Petroleum Hydrocarbons** | |
| Diesel Range Organics | EPA 8015D |
| Gasoline Range Organics | EPA 8015D |
| **Phthalate Esters** | |
| Benzyl butyl phthalate | EPA 8270D |
| Bis(2-ethylhexyl) phthalate | EPA 8270D |
| Diethyl phthalate | EPA 8270D |
| Dimethyl phthalate | EPA 8270D |
| Di-n-butyl phthalate | EPA 8270D |
| Di-n-octyl phthalate | EPA 8270D |
| **Polychlorinated Biphenyls** | |
| Aroclor 1016 (PCB-1016) | EPA 8082A |
| Aroclor 1016 (PCB-1016) in Oil | EPA 8082A |
| Aroclor 1221 (PCB-1221) | EPA 8082A |
| Aroclor 1221 (PCB-1221) in Oil | EPA 8082A |
| Aroclor 1232 (PCB-1232) | EPA 8082A |
| Aroclor 1232 (PCB-1232) in Oil | EPA 8082A |
| Aroclor 1242 (PCB-1242) | EPA 8082A |
| Aroclor 1242 (PCB-1242) in Oil | EPA 8082A |
| Aroclor 1248 (PCB-1248) | EPA 8082A |
| Aroclor 1248 (PCB-1248) in Oil | EPA 8082A |
| Aroclor 1254 (PCB-1254) | EPA 8082A |
| Aroclor 1254 (PCB-1254) in Oil | EPA 8082A |
| Aroclor 1260 (PCB-1260) | EPA 8082A |
| Aroclor 1260 (PCB-1260) in Oil | EPA 8082A |
| Aroclor 1262 (PCB-1262) | EPA 8082A |

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| | |
|---|---|
| **Polychlorinated Biphenyls** | |
| Aroclor 1262 (PCB-1262) in Oil | EPA 8082A |
| Aroclor 1268 (PCB-1268) | EPA 8082A |
| Aroclor 1268 (PCB-1268) in Oil | EPA 8082A |
| **Polynuclear Aromatic Hydrocarbons** | |
| Acenaphthene | EPA 8270D |
| Acenaphthylene | EPA 8270D |
| Anthracene | EPA 8270D |
| Benzo(a)anthracene | EPA 8270D |
| Benzo(a)pyrene | EPA 8270D |
| Benzo(b)fluoranthene | EPA 8270D |
| Benzo(g,h,i)perylene | EPA 8270D |
| Benzo(k)fluoranthene | EPA 8270D |
| Chrysene | EPA 8270D |
| Dibenzo(a,h)anthracene | EPA 8270D |
| Fluoranthene | EPA 8270D |
| Fluorene | EPA 8270D |
| Indeno(1,2,3-cd)pyrene | EPA 8270D |
| Naphthalene | EPA 8270D |
| Phenanthrene | EPA 8270D |
| Pyrene | EPA 8270D |
| **Priority Pollutant Phenols** | |
| 2,3,4,6 Tetrachlorophenol | EPA 8270D |
| 2,4,5-Trichlorophenol | EPA 8270D |
| 2,4,6-Trichlorophenol | EPA 8270D |
| 2,4-Dichlorophenol | EPA 8270D |
| **Priority Pollutant Phenols** | |
| 2,4-Dimethylphenol | EPA 8270D |
| 2,4-Dinitrophenol | EPA 8270D |
| 2-Chlorophenol | EPA 8270D |
| 2-Methyl-4,6-dinitrophenol | EPA 8270D |
| 2-Methylphenol | EPA 8270D |
| 2-Nitrophenol | EPA 8270D |
| 4-Chloro-3-methylphenol | EPA 8270D |
| 4-Methylphenol | EPA 8270D |
| 4-Nitrophenol | EPA 8270D |
| Pentachlorophenol | EPA 8270D |
| Phenol | EPA 8270D |
| **Semi-Volatile Organics** | |
| 1,1'-Biphenyl | EPA 8270D |
| 1,2-Dichlorobenzene, Semi-volatile | EPA 8270D |
| 1,3-Dichlorobenzene, Semi-volatile | EPA 8270D |
| 1,4-Dichlorobenzene, Semi-volatile | EPA 8270D |
| 2-Methylnaphthalene | EPA 8270D |
| Acetophenone | EPA 8270D |
| Benzaldehyde | EPA 8270D |
| Benzoic Acid | EPA 8270D |
| Benzyl alcohol | EPA 8270D |
| Caprolactam | EPA 8270D |
| Dibenzofuran | EPA 8270D |
| **Volatile Aromatics** | |
| 1,2,4-Trichlorobenzene, Volatile | EPA 8260C |

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| Volatile Aromatics | |
|---|---|
| 1,2,4-Trimethylbenzene | EPA 8260C |
| 1,2-Dichlorobenzene | EPA 8260C |
| 1,3,5-Trimethylbenzene | EPA 8260C |
| 1,3-Dichlorobenzene | EPA 8260C |
| 1,4-Dichlorobenzene | EPA 8260C |
| 2-Chlorotoluene | EPA 8260C |
| 4-Chlorotoluene | EPA 8260C |
| Benzene | EPA 8260C |
| Bromobenzene | EPA 8260C |
| Chlorobenzene | EPA 8260C |
| Ethyl benzene | EPA 8260C |
| Isopropylbenzene | EPA 8260C |
| m/p-Xylenes | EPA 8260C |
| Naphthalene, Volatile | EPA 8260C |
| n-Butylbenzene | EPA 8260C |
| n-Propylbenzene | EPA 8260C |
| o-Xylene | EPA 8260C |
| p-Isopropyltoluene (P-Cymene) | EPA 8260C |
| sec-Butylbenzene | EPA 8260C |
| Styrene | EPA 8260C |
| tert-Butylbenzene | EPA 8260C |
| Toluene | EPA 8260C |
| Total Xylenes | EPA 8260C |

| Volatile Halocarbons | |
|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 8260C |

| Volatile Halocarbons | |
|---|---|
| 1,1,1-Trichloroethane | EPA 8260C |
| 1,1,2,2-Tetrachloroethane | EPA 8260C |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | EPA 8260C |
| 1,1,2-Trichloroethane | EPA 8260C |
| 1,1-Dichloroethane | EPA 8260C |
| 1,1-Dichloroethene | EPA 8260C |
| 1,1-Dichloropropene | EPA 8260C |
| 1,2,3-Trichloropropane | EPA 8260C |
| 1,2-Dibromo-3-chloropropane | EPA 8260C |
| 1,2-Dibromoethane | EPA 8260C |
| 1,2-Dichloroethane | EPA 8260C |
| 1,2-Dichloropropane | EPA 8260C |
| 1,3-Dichloropropane | EPA 8260C |
| 2,2-Dichloropropane | EPA 8260C |
| 2-Chloroethylvinyl ether | EPA 8260C |
| Bromochloromethane | EPA 8260C |
| Bromodichloromethane | EPA 8260C |
| Bromoform | EPA 8260C |
| Bromomethane | EPA 8260C |
| Carbon tetrachloride | EPA 8260C |
| Chloroethane | EPA 8260C |
| Chloroform | EPA 8260C |
| Chloromethane | EPA 8260C |
| cis-1,2-Dichloroethene | EPA 8260C |
| cis-1,3-Dichloropropene | EPA 8260C |
| Dibromochloromethane | EPA 8260C |

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| **Volatile Halocarbons** | |
|---|---|
| Dibromomethane | EPA 8260C |
| Dichlorodifluoromethane | EPA 8260C |
| Hexachlorobutadiene, Volatile | EPA 8260C |
| Methylene chloride | EPA 8260C |
| Tetrachloroethene | EPA 8260C |
| trans-1,2-Dichloroethene | EPA 8260C |
| trans-1,3-Dichloropropene | EPA 8260C |
| Trichloroethene | EPA 8260C |
| Trichlorofluoromethane | EPA 8260C |
| Vinyl chloride | EPA 8260C |

| **Volatile Organics** | |
|---|---|
| 1,4-Dioxane | EPA 8260C |
| 2-Butanone (Methylethyl ketone) | EPA 8260C |
| 2-Hexanone | EPA 8260C |
| 4-Methyl-2-Pentanone | EPA 8260C |
| Acetone | EPA 8260C |
| Carbon Disulfide | EPA 8260C |
| Cyclohexane | EPA 8260C |
| Methyl acetate | EPA 8260C |
| Methyl cyclohexane | EPA 8260C |
| Methyl tert-butyl ether | EPA 8260C |
| tert-butyl alcohol | EPA 8260C |
| Vinyl acetate | EPA 8260C |

| **Sample Preparation Methods** |
|---|
| EPA 5035A-L |

| **Sample Preparation Methods** |
|---|
| EPA 5035A-H |
| EPA 3580A |
| EPA 3010A |
| EPA 3050B |
| EPA 3550C |
| EPA 3546 |
| EPA 3545A |
| EPA 3060A |
| EPA 9010C |

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