

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



Expires 12:01 AM April 01, 2018  
Issued April 01, 2017  
Revised April 11, 2017

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

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

**MS. ASSUNTA VANNELLI**  
**WESTCHESTER CO LABS AND RES**  
**10 DANA ROAD**  
**VALHALLA, NY 10595**

NY Lab Id No: 10108

*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
Ethyl methacrylate	EPA 8260C
Methyl acrylonitrile	EPA 8260C
Methyl methacrylate	EPA 8260C

**Amines**

1,4-Phenylenediamine	EPA 8270D
1-Naphthylamine	EPA 8270D
2-Naphthylamine	EPA 8270D
2-Nitroaniline	EPA 8270D
3-Nitroaniline	EPA 8270D
4-Chloroaniline	EPA 8270D
4-Nitroaniline	EPA 8270D
5-Nitro-o-toluidine	EPA 8270D
Aniline	EPA 8270D
Diphenylamine	EPA 8270D
Methapyrilene	EPA 8270D
Pronamide	EPA 8270D

**Benzidines**

3,3'-Dichlorobenzidine	EPA 8270D
3,3'-Dimethylbenzidine	EPA 8270D

**Characteristic Testing**

Corrosivity	EPA 9040C
Ignitability	EPA 1010A

**Characteristic Testing**

TCLP	EPA 1311
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**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
beta-BHC	EPA 8081B
Chlordane Total	EPA 8081B
Chlorobenzilate	EPA 8270D
delta-BHC	EPA 8081B
Diallate	EPA 8270D
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
Isodrin	EPA 8270D
Kepone	EPA 8270D

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**Chlorinated Hydrocarbon Pesticides**

Lindane	EPA 8081B
Methoxychlor	EPA 8081B
Pentachloronitrobenzene	EPA 8270D
Toxaphene	EPA 8081B

**Chlorinated Hydrocarbons**

1,2,3-Trichlorobenzene	EPA 8260C
1,2,4,5-Tetrachlorobenzene	EPA 8270D
1,2,4-Trichlorobenzene	EPA 8270D
2-Chloronaphthalene	EPA 8270D
Hexachlorobenzene	EPA 8270D
Hexachlorobutadiene	EPA 8270D
Hexachlorocyclopentadiene	EPA 8270D
Hexachloroethane	EPA 8270D
Hexachlorophene	EPA 8270D
Hexachloropropene	EPA 8270D
Pentachlorobenzene	EPA 8270D

**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
Dinoseb	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 6020A
Cadmium, Total	EPA 6020A
Calcium, Total	EPA 6010C
Chromium, Total	EPA 6020A
Copper, Total	EPA 6020A
Iron, Total	EPA 6010C
Lead, Total	EPA 6010C
	EPA 6020A
Magnesium, Total	EPA 6010C
Manganese, Total	EPA 6020A
Nickel, Total	EPA 6020A
Potassium, Total	EPA 6010C
Silver, Total	EPA 6020A
Sodium, Total	EPA 6010C

**Metals II**

Aluminum, Total	EPA 6020A
Antimony, Total	EPA 6020A
Arsenic, Total	EPA 6020A
Beryllium, Total	EPA 6020A

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**Metals II**

Mercury, Total	EPA 7471B
Selenium, Total	EPA 6020A
Vanadium, Total	EPA 6020A
Zinc, Total	EPA 6020A

**Metals III**

Cobalt, Total	EPA 6020A
Molybdenum, Total	EPA 6020A
Silica, Dissolved	EPA 6010C
Thallium, Total	EPA 6020A
Tin, Total	EPA 6010C

**Minerals**

Bromide	EPA 9056A
Chloride	EPA 9253
Sulfate (as SO <sub>4</sub> )	EPA 9036 EPA 9056A

**Miscellaneous**

Boron, Total	EPA 6010C
Cyanide, Total	EPA 9012B
Phenols	EPA 9065
Sulfide (as S)	EPA 9034

**Nitroaromatics and Isophorone**

1,4-Naphthoquinone	EPA 8270D
2,4-Dinitrotoluene	EPA 8270D
2,6-Dinitrotoluene	EPA 8270D

**Nitroaromatics and Isophorone**

4-Dimethylaminoazobenzene	EPA 8270D
Isophorone	EPA 8270D
Nitrobenzene	EPA 8270D
Pyridine	EPA 8270D

**Nitrosoamines**

N-Nitrosodiethylamine	EPA 8270D
N-Nitrosodimethylamine	EPA 8270D
N-Nitrosodi-n-butylamine	EPA 8270D
N-Nitrosodi-n-propylamine	EPA 8270D
N-Nitrosodiphenylamine	EPA 8270D
N-nitrosomethylethylamine	EPA 8270D
N-nitrosopiperidine	EPA 8270D
N-Nitrosopyrrolidine	EPA 8270D

**Nutrients**

Nitrate (as N)	EPA 9056A
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**Organophosphate Pesticides**

Dimethoate	EPA 8270D
Disulfoton	EPA 8270D
Famphur	EPA 8270D
Parathion ethyl	EPA 8270D
Parathion methyl	EPA 8270D
Phorate	EPA 8270D
Thionazin	EPA 8270D

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**Petroleum Hydrocarbons**

Diesel 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**

PCB-1016 EPA 8082A  
PCB-1221 EPA 8082A  
PCB-1232 EPA 8082A  
PCB-1242 EPA 8082A  
PCB-1248 EPA 8082A  
PCB-1254 EPA 8082A  
PCB-1260 EPA 8082A  
PCB-1262 EPA 8082A  
PCB-1268 EPA 8082A

**Polynuclear Aromatic Hydrocarbons**

2-Acetylaminofluorene EPA 8270D  
3-Methylcholanthrene EPA 8270D  
7,12-Dimethylbenzyl (a) anthracene EPA 8270D  
Acenaphthene EPA 8270D  
Acenaphthylene EPA 8270D

**Polynuclear Aromatic Hydrocarbons**

Anthracene EPA 8270D  
Benzo(a)anthracene EPA 8270D  
Benzo(a)pyrene EPA 8270D  
Benzo(b)fluoranthene EPA 8270D  
Benzo(ghi)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  
2,4-Dimethylphenol EPA 8270D  
2,4-Dinitrophenol EPA 8270D  
2,6-Dichlorophenol EPA 8270D  
2-Chlorophenol EPA 8270D  
2-Methyl-4,6-dinitrophenol EPA 8270D  
2-Methylphenol EPA 8270D

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**Priority Pollutant Phenols**

2-Nitrophenol	EPA 8270D
3-Methylphenol	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**

2-Methylnaphthalene	EPA 8270D
4-Amino biphenyl	EPA 8270D
Acetophenone	EPA 8270D
Benzoic Acid	EPA 8270D
Benzyl alcohol	EPA 8270D
Dibenzofuran	EPA 8270D
Ethyl methanesulfonate	EPA 8270D
Isosafrole	EPA 8270D
Methyl methanesulfonate	EPA 8270D
O,O,O-Triethyl phosphorothioate	EPA 8270D
Phenacetin	EPA 8270D
Safrole	EPA 8270D

**Volatile Aromatics**

1,2,4-Trichlorobenzene, Volatile	EPA 8260C
1,2,4-Trimethylbenzene	EPA 8260C
1,2-Dichlorobenzene	EPA 8260C
1,3,5-Trimethylbenzene	EPA 8260C

**Volatile Aromatics**

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
Naphthalene, Volatile	EPA 8260C
n-Butylbenzene	EPA 8260C
n-Propylbenzene	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
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

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**Volatile Halocarbons**

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-Chloro-1,3-butadiene (Chloroprene)	EPA 8260C
2-Chloroethylvinyl ether	EPA 8260C
3-Chloropropene (Allyl chloride)	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
Dibromomethane	EPA 8260C
Dichlorodifluoromethane	EPA 8260C
Hexachlorobutadiene, Volatile	EPA 8260C

**Volatile Halocarbons**

Methyl iodide	EPA 8260C
Methylene chloride	EPA 8260C
Tetrachloroethene	EPA 8260C
trans-1,2-Dichloroethene	EPA 8260C
trans-1,3-Dichloropropene	EPA 8260C
trans-1,4-Dichloro-2-butene	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
Acetonitrile	EPA 8260C
Carbon Disulfide	EPA 8260C
Cyclohexane	EPA 8260C
Ethyl Acetate	EPA 8260C
Ethylene Glycol	EPA 8015D
Isobutyl alcohol	EPA 8260C
Methyl acetate	EPA 8260C
Methyl cyclohexane	EPA 8260C
Methyl tert-butyl ether	EPA 8260C
o-Toluidine	EPA 8270D

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**Volatile Organics**

Propionitrile	EPA 8260C
Vinyl acetate	EPA 8260C

**Sample Preparation Methods**

EPA 5035A-L  
EPA 5035A-H  
EPA 3005A  
EPA 3050B  
EPA 3550C  
EPA 3540C  
EPA 9010C

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