

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2011
Issued April 01, 2010

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. JOSEPH P. SHAULYS
ANALYTICAL CHEMISTS LABORATORY, LLC
26 NORTH MALL
PLAINVIEW, NY 11803

NY Lab Id No: 10950
EPA Lab Code: NY01292

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

Acrylates

Acrolein (Propenal)	EPA 624 EPA 8260B
Acrylonitrile	EPA 624 EPA 8260B

Amines

2-Nitroaniline	EPA 8270C
3-Nitroaniline	EPA 8270C
4-Chloroaniline	EPA 8270C
4-Nitroaniline	EPA 8270C
Carbazole	EPA 8270C
Diphenylamine	EPA 8270C
Pyridine	EPA 8270C

Benzidines

3,3'-Dichlorobenzidine	EPA 625 EPA 8270C
Benzidine	EPA 625 EPA 8270C

Chlorinated Hydrocarbon Pesticides

4,4'-DDD	EPA 608 EPA 8081A
4,4'-DDE	EPA 608 EPA 8081A
4,4'-DDT	EPA 608 EPA 8081A
Aldrin	EPA 608 EPA 8081A
alpha-BHC	EPA 608

Chlorinated Hydrocarbon Pesticides

alpha-BHC	EPA 8081A
alpha-Chlordane	EPA 8081A
beta-BHC	EPA 608 EPA 8081A
Chlordane Total	EPA 608 EPA 8081A
delta-BHC	EPA 608 EPA 8081A
Dieldrin	EPA 608 EPA 8081A
Endosulfan I	EPA 608 EPA 8081A
Endosulfan II	EPA 608 EPA 8081A
Endosulfan sulfate	EPA 608 EPA 8081A
Endrin	EPA 608 EPA 8081A
Endrin aldehyde	EPA 608 EPA 8081A
Endrin Ketone	EPA 8081A
gamma-Chlordane	EPA 8081A
Heptachlor	EPA 608 EPA 8081A
Heptachlor epoxide	EPA 608 EPA 8081A
Lindane	EPA 608 EPA 8081A

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Chlorinated Hydrocarbon Pesticides

Methoxychlor	EPA 608
	EPA 8081A
Toxaphene	EPA 608
	EPA 8081A

Fuel Oxygenates

Methyl tert-butyl ether	EPA 8260B
tert-butyl alcohol	EPA 8260B

Haloethers

4-Bromophenylphenyl ether	EPA 625
	EPA 8270C
4-Chlorophenylphenyl ether	EPA 625
	EPA 8270C
Bis (2-chloroisopropyl) ether	EPA 625
	EPA 8270C
Bis(2-chloroethoxy)methane	EPA 625
	EPA 8270C
Bis(2-chloroethyl)ether	EPA 625
	EPA 8270C

Chlorinated Hydrocarbons

1,2,4,5-Tetrachlorobenzene	EPA 8270C
1,2,4-Trichlorobenzene	EPA 625
	EPA 8260B
	EPA 8270C
1-Chloronaphthalene	EPA 8270C
2-Chloronaphthalene	EPA 625
	EPA 8270C
Hexachlorobenzene	EPA 625
	EPA 8270C
Hexachlorobutadiene	EPA 625
	EPA 8260B
	EPA 8270C
Hexachlorocyclopentadiene	EPA 625
	EPA 8270C
Hexachloroethane	EPA 625
	EPA 8270C

Microextractables

1,2-Dibromo-3-chloropropane	EPA 8260B
1,2-Dibromoethane	EPA 8260B

Mineral

Alkalinity	SM 18-21 2320B (97)
Chloride	EPA 300.0 Rev. 2.1
	SM 18-21 4500-Cl- B (97)
Fluoride, Total	EPA 300.0 Rev. 2.1
Sulfate (as SO4)	EPA 300.0 Rev. 2.1

Demand

Biochemical Oxygen Demand	SM 18-20 5210B (01)
Carbonaceous BOD	SM 18-20 5210B (01)
Chemical Oxygen Demand	SM 18-20 5220B

Nitroaromatics and Isophorone

2,4-Dinitrotoluene	EPA 625
	EPA 8270C
2,6-Dinitrotoluene	EPA 625

Fuel Oxygenates

Ethanol	EPA 8260B
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Nitroaromatics and Isophorone

2,6-Dinitrotoluene	EPA 8270C
Isophorone	EPA 625
	EPA 8270C
Nitrobenzene	EPA 625
	EPA 8270C

Nitrosoamines

N-Nitrosodiethylamine	EPA 8270C
N-Nitrosodimethylamine	EPA 625
	EPA 8270C
N-Nitrosodi-n-propylamine	EPA 625
	EPA 8270C
N-Nitrosodiphenylamine	EPA 625
	EPA 8270C

Nutrient

Ammonia (as N)	LACHAT 10-107-06-1-B
Kjeldahl Nitrogen, Total	LACHAT 10-107-06-2
Nitrate (as N)	EPA 300.0 Rev. 2.1
	LACHAT 10-107-04-1-C
Nitrite (as N)	EPA 300.0 Rev. 2.1
	LACHAT 10-107-04-1-C
Orthophosphate (as P)	EPA 300.0 Rev. 2.1
	SM 18-21 4500-P E

Phthalate Esters

Benzyl butyl phthalate	EPA 625
	EPA 8270C
Bis(2-ethylhexyl) phthalate	EPA 625
	EPA 8270C

Phthalate Esters

Diethyl phthalate	EPA 625
	EPA 8270C
Dimethyl phthalate	EPA 625
	EPA 8270C
Di-n-butyl phthalate	EPA 625
	EPA 8270C
Di-n-octyl phthalate	EPA 625
	EPA 8270C

Polychlorinated Biphenyls

PCB-1016	EPA 608
	EPA 8082
PCB-1221	EPA 608
	EPA 8082
PCB-1232	EPA 608
	EPA 8082
PCB-1242	EPA 608
	EPA 8082
PCB-1248	EPA 608
	EPA 8082
PCB-1254	EPA 608
	EPA 8082
PCB-1260	EPA 608
	EPA 8082

Polynuclear Aromatics

Acenaphthene	EPA 625
	EPA 8270C
Acenaphthylene	EPA 625

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Polynuclear Aromatics

Acenaphthylene	EPA 8270C
Anthracene	EPA 625 EPA 8270C
Benzo(a)anthracene	EPA 625 EPA 8270C
Benzo(a)pyrene	EPA 625 EPA 8270C
Benzo(b)fluoranthene	EPA 625 EPA 8270C
Benzo(ghi)perylene	EPA 625 EPA 8270C
Benzo(k)fluoranthene	EPA 625 EPA 8270C
Chrysene	EPA 625 EPA 8270C
Dibenzo(a,h)anthracene	EPA 625 EPA 8270C
Fluoranthene	EPA 625 EPA 8270C
Fluorene	EPA 625 EPA 8270C
Indeno(1,2,3-cd)pyrene	EPA 625 EPA 8270C
Naphthalene	EPA 625 EPA 8260B EPA 8270C
Phenanthrene	EPA 625 EPA 8270C

Polynuclear Aromatics

Pyrene	EPA 625 EPA 8270C
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Priority Pollutant Phenols

2,4,5-Trichlorophenol	EPA 625 EPA 8270C
2,4,6-Trichlorophenol	EPA 625 EPA 8270C
2,4-Dichlorophenol	EPA 625 EPA 8270C
2,4-Dimethylphenol	EPA 625 EPA 8270C
2,4-Dinitrophenol	EPA 625 EPA 8270C
2-Chlorophenol	EPA 625 EPA 8270C
2-Methyl-4,6-dinitrophenol	EPA 625 EPA 8270C
2-Nitrophenol	EPA 625 EPA 8270C
4-Chloro-3-methylphenol	EPA 625 EPA 8270C
4-Nitrophenol	EPA 625 EPA 8270C
Cresols, Total	EPA 8270C
Pentachlorophenol	EPA 625 EPA 8270C
Phenol	EPA 625 EPA 8270C

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Purgeable Aromatics

1,2-Dichlorobenzene	EPA 624 EPA 8260B EPA 8270C
1,3-Dichlorobenzene	EPA 624 EPA 8260B EPA 8270C
1,4-Dichlorobenzene	EPA 624 EPA 8260B EPA 8270C
Benzene	EPA 624 EPA 8260B
Chlorobenzene	EPA 624 EPA 8260B
Ethyl benzene	EPA 624 EPA 8260B
Styrene	EPA 624 EPA 8260B
Toluene	EPA 624 EPA 8260B
Total Xylenes	EPA 624 EPA 8260B

Purgeable Halocarbons

1,1,2-Trichloroethane	EPA 8260B
1,1-Dichloroethane	EPA 624 EPA 8260B
1,1-Dichloroethene	EPA 624 EPA 8260B
1,1-Dichloropropene	EPA 8260B
1,2,3-Trichloropropane	EPA 8260B
1,2-Dichloroethane	EPA 624 EPA 8260B
1,2-Dichloropropane	EPA 624 EPA 8260B
2,2-Dichloropropane	EPA 8260B
2-Chloroethylvinyl ether	EPA 624 EPA 8260B
Bromochloromethane	EPA 8260B
Bromodichloromethane	EPA 624 EPA 8260B
Bromoform	EPA 624 EPA 8260B
Bromomethane	EPA 624 EPA 8260B
Carbon tetrachloride	EPA 624 EPA 8260B
Chloroethane	EPA 624 EPA 8260B
Chloroform	EPA 624 EPA 8260B
Chloromethane	EPA 624

Purgeable Halocarbons

1,1,1,2-Tetrachloroethane	EPA 8260B
1,1,1-Trichloroethane	EPA 624 EPA 8260B
1,1,2,2-Tetrachloroethane	EPA 624 EPA 8260B
1,1,2-Trichloroethane	EPA 624

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