

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



Expires 12:01 AM April 01, 2010
Issued April 01, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

**MS. JULIE A. SMITH
EMSL ANALYTICAL INC
1 COOPER STREET
WESTMONT, NJ 08108**

**NY Lab Id No: 10896
EPA Lab Code: NJ01209**

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

Disinfection By-products

Bromide EPA 300.0 Rev. 2.1
Free Residual Chlorine SM 18-21 4500-Cl G (00)

Drinking Water Metals I

Arsenic, Total EPA 200.8 Rev. 5.4
EPA 200.9 Rev. 2.2
Barium, Total EPA 200.7 Rev. 4.4
EPA 200.8 Rev. 5.4
SM 18-21 3120B (99)
Cadmium, Total EPA 200.7 Rev. 4.4
EPA 200.8 Rev. 5.4
Chromium, Total EPA 200.7 Rev. 4.4
EPA 200.8 Rev. 5.4
SM 18-21 3120B (99)
Copper, Total EPA 200.7 Rev. 4.4
EPA 200.8 Rev. 5.4
SM 18-21 3111B (99)
Iron, Total EPA 200.7 Rev. 4.4
SM 18-21 3120B (99)
Lead, Total EPA 200.8 Rev. 5.4
EPA 200.9 Rev. 2.2
Manganese, Total EPA 200.7 Rev. 4.4
EPA 200.8 Rev. 5.4
SM 18-21 3120B (99)
Mercury, Total EPA 245.1 Rev. 3.0
SM 18-19, 20 3112B (99)
Selenium, Total EPA 200.8 Rev. 5.4
EPA 200.9 Rev. 2.2
Silver, Total EPA 200.7 Rev. 4.4

Drinking Water Metals I

Silver, Total EPA 200.8 Rev. 5.4
SM 18-21 3120B (99)
Zinc, Total EPA 200.7 Rev. 4.4
EPA 200.8 Rev. 5.4

Drinking Water Metals II

Aluminum, Total EPA 200.7 Rev. 4.4
EPA 200.8 Rev. 5.4
SM 18-21 3120B (99)
Antimony, Total EPA 200.8 Rev. 5.4
EPA 200.9 Rev. 2.2
Beryllium, Total EPA 200.7 Rev. 4.4
EPA 200.8 Rev. 5.4
Nickel, Total EPA 200.7 Rev. 4.4
EPA 200.8 Rev. 5.4
SM 18-21 3120B (99)
Thallium, Total EPA 200.8 Rev. 5.4
EPA 200.9 Rev. 2.2
Vanadium, Total EPA 200.7 Rev. 4.4

Drinking Water Metals III

Calcium, Total EPA 200.7 Rev. 4.4
Magnesium, Total EPA 200.7 Rev. 4.4
Sodium, Total EPA 200.7 Rev. 4.4

Drinking Water Miscellaneous

Methyl tert-butyl ether EPA 524.2
Surfactant (MBAS) SM 18-21 5540C (00)
Temperature SM 18-21 2550B (00)

Serial No.: 39130

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Drinking Water Miscellaneous

Turbidity EPA 180.1 Rev. 2.0

Drinking Water Non-Metals

Alkalinity SM 18-21 2320B (97)
Calcium Hardness EPA 200.7 Rev. 4.4
SM 18-19, 21 3500-Ca B
Chloride EPA 300.0 Rev. 2.1
Color SM 18-21 2120B (01)
Cyanide, Free SM 18-21 4500-CN F (99)
SM 18-21 4500-CN G (99)
Cyanide, Total SM 18-21 4500-CN E (99)
SM 18-21 4500-CN G (99)
Fluoride, Total EPA 300.0 Rev. 2.1
Hydrogen Ion (pH) SM 18-21 4500-H B (00)
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
Solids, Total Dissolved SM 18-21 2540C (97)
Specific Conductance SM 18-21 2510B (97)
Sulfate (as SO4) EPA 300.0 Rev. 2.1

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
Toluene EPA 524.2
Total Xylenes EPA 524.2

Drinking Water Trihalomethanes

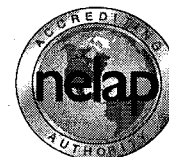
Bromodichloromethane EPA 524.2
Bromoform EPA 524.2
Chloroform EPA 524.2
Dibromochloromethane EPA 524.2
Total Trihalomethanes EPA 524.2

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

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Volatile Halocarbons

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
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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