

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2024
Issued April 01, 2023
Revised April 14, 2023

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. OWEN MCKENNA
EMSL ANALYTICAL INC
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

NY Lab Id No: 10872

*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:*

Bacteriology

Coliform, Total / E. coli (Qualitative) SM 20, 21-23 9223B (-04) (Colilert)
Heterotrophic Plate Count SM 20, 21-23 9215B (-04)

Disinfection By-products

Bromide EPA 300.0 Rev. 2.1

Fuel Additives

Methyl tert-butyl ether EPA 524.2
Naphthalene EPA 524.2

Metals I

Arsenic, Total EPA 200.8 Rev. 5.4
Barium, Total EPA 200.7 Rev. 4.4
Cadmium, Total EPA 200.8 Rev. 5.4
Chromium, Total EPA 200.7 Rev. 4.4
Copper, Total EPA 200.7 Rev. 4.4
Iron, Total EPA 200.7 Rev. 4.4
Lead, Total EPA 200.8 Rev. 5.4
Manganese, Total EPA 200.7 Rev. 4.4
Mercury, Total EPA 245.1 Rev. 3.0
Selenium, Total EPA 200.8 Rev. 5.4
Silver, Total EPA 200.7 Rev. 4.4
Zinc, Total EPA 200.7 Rev. 4.4



Serial No.: 67768

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Metals I

Zinc, Total EPA 200.8 Rev. 5.4

Metals II

Aluminum, Total EPA 200.7 Rev. 4.4

EPA 200.8 Rev. 5.4

Antimony, Total EPA 200.8 Rev. 5.4

Beryllium, Total EPA 200.8 Rev. 5.4

Nickel, Total EPA 200.7 Rev. 4.4

EPA 200.8 Rev. 5.4

Thallium, Total EPA 200.8 Rev. 5.4

Metals III

Calcium, Total EPA 200.7 Rev. 4.4

Magnesium, Total EPA 200.7 Rev. 4.4

Potassium, Total EPA 200.7 Rev. 4.4

Sodium, Total EPA 200.7 Rev. 4.4

Uranium (Mass) EPA 200.8 Rev. 5.4

Microextractables

1,2,3-Trichloropropane, Low Level EPA 504.1

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

1,2-Dibromoethane, Low Level EPA 504.1

Miscellaneous

Asbestos EPA 100.1

EPA 100.2

Organic Carbon, Total SM 21-23 5310C (-00)

Surfactant (MBAS) SM 21-23 5540C (-00)

Turbidity SM 21-23 2130 B (-01)

EPA 180.1 Rev. 2.0

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Non-Metals

Alkalinity	SM 21-23 2320B (-97)
Calcium Hardness	EPA 200.7 Rev. 4.4
Chloride	EPA 300.0 Rev. 2.1
Fluoride, Total	EPA 300.0 Rev. 2.1
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
Silica, Total	EPA 200.7 Rev. 4.4
Solids, Total Dissolved	SM 21-23 2540C (-97)
Specific Conductance	SM 21-23 2510B (-97)
Sulfate (as SO ₄)	EPA 300.0 Rev. 2.1

Perfluorinated Alkyl Acids

11CL-PF3OUDS	EPA 533
	EPA 537.1
4:2FTS	EPA 533
6:2FTS	EPA 533
8:2FTS	EPA 533
9CL-PF3ONS	EPA 533
	EPA 537.1
ADONA	EPA 533
	EPA 537.1
Hexafluoropropylene Oxide Dimer Acid	EPA 533
	EPA 537.1
NETFOSAA	EPA 537.1
NMEFOSAA	EPA 537.1
Nonafluoro-3,6-Dioxaheptanoic Acid	EPA 533
Perfluorotridecanoic Acid (PFTRDA)	EPA 537.1



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Perfluorinated Alkyl Acids

Perfluorodecanoic Acid (PFDA)	EPA 533 EPA 537.1
Perfluoro-3-Methoxypropanoic Acid	EPA 533
Perfluoro-4-Methoxybutanoic Acid	EPA 533
Perfluorobutanesulfonic Acid (PFBS)	EPA 533 EPA 537.1
Perfluorobutanoic Acid (PFBA)	EPA 533
Perfluorododecanoic Acid (PFDOA)	EPA 533 EPA 537.1
Perfluoroheptanesulfonic Acid (PFHPS)	EPA 533
Perfluoroheptanoic Acid (PFHPA)	EPA 533 EPA 537.1
Perfluorohexanesulfonic Acid (PFHXS)	EPA 533 EPA 537.1
Perfluorohexanoic Acid (PFHXA)	EPA 533 EPA 537.1
Perfluorononanoic Acid (PFNA)	EPA 533 EPA 537.1
Perfluorooctanesulfonic Acid (PFOS)	EPA 533 EPA 537 EPA 537.1
Perfluorooctanoic Acid (PFOA)	EPA 533 EPA 537 EPA 537.1
Perfluoropentanesulfonic Acid (PFPEs)	EPA 533
Perfluoropentanoic Acid (PFPEA)	EPA 533
Perfluorotetradecanoic Acid (PFTA)	EPA 537.1



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Perfluorinated Alkyl Acids

Perfluoroundecanoic Acid (PFUNA)	EPA 533
	EPA 537.1
PFEESA	EPA 533

Radiological Analytes

Gross Alpha	EPA 900.0
Gross Beta	EPA 900.0
Radium-226	EPA 903.0
Radium-228	EPA 904.0
Radon	SM 20-22 7500-Rn B(-06)
Tritium	EPA 906.0
Uranium (Activity)	EPA 908.0

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

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Volatile Aromatics

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

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



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Volatile Halocarbons

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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