

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



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

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MS. DAPHNE B. WOODMAN
ELEMENT ONE INC
6319-D CAROLINA BEACH ROAD
WILMINGTON, NC 28412

NY Lab Id No: 11889

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2016) for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:*

Demand

Chemical Oxygen Demand Hach 8000 (1979)

Metals I

Barium, Total	EPA 6020B EPA 200.8, Rev. 5.4 (1994)
Cadmium, Total	EPA 6020B
Calcium, Total	EPA 6020B
Chromium, Total	EPA 6020B
Copper, Total	EPA 6020B
Iron, Total	EPA 6020B
Lead, Total	EPA 6020B
Magnesium, Total	EPA 6020B
Manganese, Total	EPA 6020B
Nickel, Total	EPA 6020B
Potassium, Total	EPA 6020B
Silver, Total	EPA 6020B
Sodium, Total	EPA 200.8, Rev. 5.4 (1994) EPA 6020B
Strontium, Total	EPA 6020B

Metals II

Aluminum, Total	EPA 6020B EPA 200.8, Rev. 5.4 (1994)
Antimony, Total	EPA 6020B EPA 200.8, Rev. 5.4 (1994)
Arsenic, Total	EPA 6020B EPA 200.8, Rev. 5.4 (1994)
Beryllium, Total	EPA 6020B

Serial No.: 67210

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Metals II

Beryllium, Total	EPA 200.8, Rev. 5.4 (1994)
Chromium VI	EPA 7199
Mercury, Total	EPA 7470A
Selenium, Total	EPA 6020B
Vanadium, Total	EPA 6020B
Zinc, Total	EPA 6020B

Metals III

Cobalt, Total	EPA 6020B
Molybdenum, Total	EPA 6020B
Thallium, Total	EPA 6020B
Tin, Total	EPA 6020B
Titanium, Total	EPA 6020B

Mineral

Chloride	EPA 300.0, Rev. 2.1 (1993)
Sulfate (as SO ₄)	EPA 300.0, Rev. 2.1 (1993)

Miscellaneous

Bromide	EPA 300.0, Rev. 2.1 (1993)
Organic Carbon, Total	SM 5310B-2014

Nutrient

Nitrate (as N)	EPA 300.0, Rev. 2.1 (1993)
Nitrite (as N)	EPA 300.0, Rev. 2.1 (1993)
Orthophosphate (as P)	EPA 300.0, Rev. 2.1 (1993)

Residue

Solids, Total	SM 2540 B-2015
Solids, Total Dissolved	SM 2540 C-2015

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Residue

Solids, Volatile SM 2540 E-2015

Sample Preparation Methods

EPA 3010A



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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:*

Characteristic Testing

TCLP EPA 1311

Metals I

Barium, Total	EPA 6020B
Cadmium, Total	EPA 6020B
Calcium, Total	EPA 6020B
Chromium, Total	EPA 6020B
Copper, Total	EPA 6020B
Iron, Total	EPA 6020B
Lead, Total	EPA 6020B
Magnesium, Total	EPA 6020B
Manganese, Total	EPA 6020B
Nickel, Total	EPA 6020B
Potassium, Total	EPA 6020B
Silver, Total	EPA 6020B
Sodium, Total	EPA 6020B
Strontium, Total	EPA 6020B

Metals II

Aluminum, Total	EPA 6020B
Antimony, Total	EPA 6020B
Arsenic, Total	EPA 6020B
Beryllium, Total	EPA 6020B
Chromium VI	EPA 7199
Mercury, Total	EPA 7471B
Selenium, Total	EPA 6020B
Vanadium, Total	EPA 6020B
Zinc, Total	EPA 6020B

Serial No.: 67211

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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
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Metals III

Cobalt, Total	EPA 6020B
Molybdenum, Total	EPA 6020B
Silica, Dissolved	EPA 6020B
Thallium, Total	EPA 6020B
Tin, Total	EPA 6020B
Titanium, Total	EPA 6020B

Sample Preparation Methods

EPA 3010A
EPA 3050B
EPA 3051A
EPA 3052
EPA 3060A



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ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Metals II

Mercury, Total 40 CFR 61 Method 101A

Metals III

Chromium, Total 40 CFR PART 60 1984 APP. A METH
40 CFR PART 63 APP A 306

Mineral

Fluoride, Total EPA 13B

Miscellaneous

Particulate Matter 40 CFR 60 APP A Method 5
Sulfur Dioxide 40 CFR 60 Method 6
Sulfuric Acid 40 CFR 60 Method 8



Serial No.: 67212

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ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:*

Metals I

Lead, Total

EPA 29 (6020)



Serial No.: 67213

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