

NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2026  
Issued April 01, 2025

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

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

MS. ERICA KOZEN  
MICROBAC LABORATORIES, INC. - PITTSBURGH  
100 MARSHALL DRIVE  
WARRENDALE, PA 15086-7554

NY Lab Id No: 10121

*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)
E. coli (Enumeration)	SM 20, 21-23 9223B (-04) (Colilert)
Heterotrophic Plate Count	SM 20, 21-23 9215B (-04)

**Metals I**

Arsenic, Total	EPA 200.8 Rev. 5.4
Barium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
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
Copper, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Iron, Total	EPA 200.7 Rev. 4.4
Lead, Total	EPA 200.8 Rev. 5.4
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Selenium, Total	EPA 200.8 Rev. 5.4
Silver, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Zinc, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4

**Metals II**

Aluminum, Total	EPA 200.7 Rev. 4.4
Antimony, Total	EPA 200.8 Rev. 5.4
Beryllium, Total	EPA 200.7 Rev. 4.4

Serial No.: 70098

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**Metals II**

Beryllium, Total	EPA 200.8 Rev. 5.4
Molybdenum, 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
Thallium, Total	EPA 200.8 Rev. 5.4
Vanadium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4

**Metals III**

Boron, Total	EPA 200.7 Rev. 4.4
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

**Miscellaneous**

Organic Carbon, Dissolved	SM 21-23 5310C (-00)
Organic Carbon, Total	SM 21-23 5310C (-00)
Turbidity	EPA 180.1 Rev. 2.0
UV 254	SM 21-23 5910B (-00,-11)

**Non-Metals**

Alkalinity	SM 21-23 2320B (-97)
Chloride	EPA 300.0 Rev. 2.1
Color	SM 21-23 2120B (-01)
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

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**Non-Metals**

Orthophosphate (as P)	EPA 300.0 Rev. 2.1
Solids, Total Dissolved	SM 21-23 2540C (-97)
Specific Conductance	SM 21-23 2510B (-97)
Sulfate (as SO <sub>4</sub> )	EPA 300.0 Rev. 2.1



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**Bacteriology**

Coliform, Fecal	Colilert-18
E. coli (Enumeration)	SM 9223B-2016
Heterotrophic Plate Count	SM 18-21 9215B

**Demand**

Biochemical Oxygen Demand	SM 5210B-2016
Carbonaceous BOD	SM 5210B-2016
Chemical Oxygen Demand	Hach 8000 (1979)

**Metals I**

Barium, Total	EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Cadmium, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Calcium, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Chromium, Total	EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Copper, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Iron, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Lead, Total	EPA 200.7, Rev. 4.4 (1994) EPA 6010D

Serial No.: 70985

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**Metals I**

Lead, Total	EPA 200.8, Rev. 5.4 (1994)
Magnesium, Total	EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Manganese, Total	EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Nickel, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Potassium, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Silver, Total	EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Sodium, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Strontium, Total	EPA 200.7, Rev. 4.4 (1994) EPA 6010D

**Metals II**

Aluminum, Total	EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Antimony, Total	EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Arsenic, Total	EPA 200.8, Rev. 5.4 (1994) EPA 200.7, Rev. 4.4 (1994) EPA 6010D

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**Metals II**

Beryllium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D
	EPA 200.8, Rev. 5.4 (1994)
Chromium VI	EPA 7196A
	SM 3500-Cr B-2011
Selenium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D
	EPA 200.8, Rev. 5.4 (1994)
Vanadium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D
	EPA 200.8, Rev. 5.4 (1994)
Zinc, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D
	EPA 200.8, Rev. 5.4 (1994)

**Metals III**

Cobalt, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D
	EPA 200.8, Rev. 5.4 (1994)
Molybdenum, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D
	EPA 200.8, Rev. 5.4 (1994)
Thallium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 200.8, Rev. 5.4 (1994)
Tin, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D
Titanium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D

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**Mineral**

Acidity	SM 2310B-2011
Alkalinity	SM 2320B-2011
Chloride	EPA 300.0, Rev. 2.1 (1993)
Fluoride, Total	EPA 300.0, Rev. 2.1 (1993)
Sulfate (as SO <sub>4</sub> )	EPA 300.0, Rev. 2.1 (1993)

**Miscellaneous**

Boron, Total	EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Bromide	EPA 300.0, Rev. 2.1 (1993)
Color	SM 2120B-2011
non-Polar Extractable Material (TPH)	EPA 1664B
Oil and Grease Total Recoverable	EPA 1664B
Organic Carbon, Total	SM 5310C-2014
Silica, Dissolved	EPA 200.7, Rev. 4.4 (1994) EPA 6010D
Specific Conductance	SM 2510B-2011
Turbidity	EPA 180.1, Rev. 2.0 (1993)

**Nutrient**

Ammonia (as N)	SM 4500-NH <sub>3</sub> F-2011
Kjeldahl Nitrogen, Total	SM 4500-NH <sub>3</sub> F-2011
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)
Phosphorus, Total	SM 4500-P E-2011

**Residue**

Settleable Solids	SM 2540 F-2015
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**Residue**

Solids, Total	SM 2540 B-2015
Solids, Total Dissolved	SM 2540 C-2015
Solids, Total Suspended	SM 2540 D-2015
Solids, Volatile	EPA 160.4 (Issued 1971)
	SM 2540 E-2015

**Sample Preparation Methods**

SM 4500-P B(5)-2011  
EPA 3010A  
SM 4500-NH3 B-2011  
SM 4500-N Org B-2011 or C-2011



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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
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**Characteristic Testing**

Corrosivity (pH) EPA 9045D

**Metals I**

Barium, Total EPA 6010D  
Cadmium, Total EPA 6010D  
Calcium, Total EPA 6010D  
Chromium, Total EPA 6010D  
Copper, Total EPA 6010D  
Iron, Total EPA 6010D  
Lead, Total EPA 6010D  
Magnesium, Total EPA 6010D  
Manganese, Total EPA 6010D  
Nickel, Total EPA 6010D  
Potassium, Total EPA 6010D  
Silver, Total EPA 6010D  
Sodium, Total EPA 6010D

**Metals II**

Aluminum, Total EPA 6010D  
Antimony, Total EPA 6010D  
Beryllium, Total EPA 6010D  
Vanadium, Total EPA 6010D  
Zinc, Total EPA 6010D

**Metals III**

Cobalt, Total EPA 6010D  
Molybdenum, Total EPA 6010D  
Thallium, Total EPA 6010D  
Tin, Total EPA 6010D

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**Sample Preparation Methods**

EPA 3010A

EPA 3050B



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