COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF LABORATORIES



Certifies That

35-05082

Microbac Laboratories, Inc. - Pittston

428 Route 315 Highway, Pittston, PA, 18640

Having duly met the requirement of The act of June 29, 2002 (P.L. 596, No. 90) dealing with Environmental Laboratories Accreditation (27 Pa. C.S. 4104-4113) and the National Environmental Laboratory Accreditation Program Standard is hereby approved as an

Accredited Laboratory

to conduct analysis within the fields of accreditations more fully described in the attached Scope of Accreditation

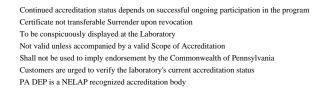
NELAP accreditation granted by the PA DEP to an environmental laboratory is conditioned upon continued compliance with the current edition of the NELAC Standard or TNI Standard and the following Subchapters and Sections of 25 Pa. Code Chapter 252: Subchapter A (relating to general provisions); Subchapter B (relating to application, fees and supporting documents); Subchapter E (relating to proficiency test study requirements); Subchapter F (relating to assessment requirements); Subchapter G (relating to miscellaneous provisions); Section 252.307; and Section 252.401.

Expiration Date: 07/31/2022

Certificate Number: 011

Annmarie Black

Annmarie Beach, Chief Laboratory Accreditation Program Bureau of Laboratories











Attached to Certificate of Accreditation 011-005 expiration date 07/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Microbac Laboratories, Inc. - Pittston

428 Route 315 Highway

Pittston, PA 18640 (570) 348-0775 DEP Laboratory ID: 35-05082 EPA Lab Code: PA01700 TNI Code: TNI02680 PADWIS ID: 05082

Matrix: Drinking Water

| Method | Revision | TNI Method Code | Analyte | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------------|---|--------------------------|-----------------------|------------------|----------------|
| EPA 180.1 | | | Turbidity | in the last | NELAP | PA | 07/08/2021 |
| EPA 200.7 | 4.4 | 5 e | Aluminum | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | | Barium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | | Boron | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | | Cadmium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | | Calcium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | | Chromium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | | Copper | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | | Iron | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | 283 | Magnesium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | | Manganese | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | | Molybdenum | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | | Nickel | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | | Potassium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | | Sodium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | | Vanadium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | | Zinc | | NELAP | PA | 03/11/2022 |
| EPA 335.4 | | | Cyanide | | NELAP | PA | 07/08/2021 |
| EPA 353.2 | | | Nitrate as N | | NELAP | PA | 07/08/2021 |
| EPA 353.2 | | | Nitrite as N | | NELAP | PA | 07/08/2021 |
| EPA 365.1 | | | Phosphorus, total | | NELAP | PA | 07/08/2021 |
| EPA 365.3 | 9 | | Orthophosphate as P | | NELAP | PA | 07/08/2021 |
| EPA 524.2 | 4.1 | | 1,1,1,2-Tetrachloroethane | | NELAP | PA | 07/08/2021 |
| EPA 524.2 | 4.1 | | 1,1,1-Trichloroethane | | NELAP | PA | 07/20/2021 |
| EPA 524.2 | 4.1 | | 1,1,2,2-Tetrachloroethane | | NELAP | PA | 07/08/2021 |
| EPA 524.2 | 4.1 | | 1,1,2-Trichloroethane | | NELAP | PA | 07/20/2021 |
| EPA 524.2 | 4.1 | | 1,1-Dichloroethane | | NELAP | PA | 07/08/2021 |
| EPA 524.2 | 4.1 | | 1,1-Dichloroethene (1,1- Dichloroethylene) | | NELAP | PA | 07/20/2021 |
| EPA 524.2 | 4.1 | | 1,1-Dichloropropene | | NELAP | PA | 07/08/2021 |
| EPA 524.2 | 4.1 | | 1,2,3-Trichlorobenzene | | NELAP | PA | 07/08/2021 |
| EPA 524.2 | 4.1 | | 1,2,3-Trichloropropane (1,2,3-TCP) | | NELAP | PA | 07/08/2021 |
| EPA 524.2 | 4.1 | | 1,2,4-Trichlorobenzene | i filling (States of the | NELAP | PA | 07/20/2021 |
| EPA 524.2 | 4.1 | | 1,2,4-Trimethylbenzene | | NELAP | PA | 07/08/2021 |
| EPA 524.2 | 4.1 | | 1,2-Dichlorobenzene (o- Dichlorobenzene) | | NELAP | PA | 07/20/2021 |
| EPA 524.2 | 4.1 | | 1,2-Dichloroethane | | NELAP | PA | 07/20/2021 |
| EPA 524.2 | 4.1 | | 1,2-Dichloropropane | | NELAP | PA | 07/20/2021 |
| EPA 524.2 | 4.1 | | 1,3,5-Trimethylbenzene | | NELAP | PA | 07/08/2021 |

annmerie Beach

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized Accreditation Body. Customers are urged to verify the laboratory's current accreditation standing.





DEP Laboratory ID:

TNI Code: TNI02680

PADWIS ID: 05082

EPA Lab Code:

35-05082

PA01700

Attached to Certificate of Accreditation 011-005 expiration date 07/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Microbac Laboratories, Inc. - Pittston

428 Route 315 Highway

Pittston, PA 18640 (570) 348-0775

Matrix: Drinking Water

Primary **Effective Date** TNI Accreditation Analyte Method Revision TNI Analyte State Method Туре Code Code 07/08/2021 PA EPA 524.2 4.1 1,3-Dichlorobenzene (m-NELAP Dichlorobenzene) PA 07/08/2021 NEL AP EPA 524.2 4.1 1,3-Dichloropropane PA 07/20/2021 NELAP 1,4-Dichlorobenzene (p-EPA 524.2 4.1 Dichlorobenzene) NELAP PA 07/08/2021 2.2-Dichloropropane EPA 524.2 4.1 07/08/2021 NELAP PA 2-Chlorotoluene EPA 524.2 4.1 PA 07/08/2021 NELAP 4.1 4-Chlorotoluene EPA 524.2 PA 07/20/2021 Benzene NELAP EPA 524.2 4.1 PA 07/08/2021 EPA 524.2 4.1 Bromobenzene NELAP PA 07/08/2021 NELAP EPA 524.2 4.1 Bromochloromethane NELAP PA 07/20/2021 Bromodichloromethane EPA 524.2 4.1 PA 07/20/2021 Bromoform NELAP 4.1 EPA 524.2 PA 07/20/2021 Carbon tetrachloride NELAP 4.1 FPA 524 2 NELAP PA 07/20/2021 Chlorobenzene 4.1 EPA 524.2 NELAP PA 07/08/2021 4.1 Chloroethane EPA 524.2 NELAP PA 07/20/2021 EPA 524.2 4.1 Chloroform 07/20/2021 EPA 524.2 4.1 Dibromochloromethane NELAP PA 07/08/2021 EPA 524.2 4.1 Dibromomethane NELAP PA Dichlorodifluoromethane (Freon 12) NELAP PA 07/08/2021 EPA 524.2 4.1 EPA 524.2 4.1 Ethylbenzene NELAP PA 07/20/2021 PA 07/08/2021 EPA 524.2 4.1 Hexachlorobutadiene (1,3-NELAP Hexachlorobutadiene) 07/08/2021 EPA 524.2 Isopropylbenzene (Cumene) NELAP PA 4.1 Methyl bromide (Bromomethane) NELAP PA 07/08/2021 EPA 524.2 4.1 EPA 524.2 4.1 Methyl chloride (Chloromethane) NELAP PA 07/08/2021 EPA 524.2 4.1 Methyl tert-butyl ether (MTBE) NELAP PA 07/08/2021 Methylene chloride (Dichloromethane) NELAP PA 07/20/2021 EPA 524.2 4.1 EPA 524.2 4.1 Naphthalene NELAP PA 07/08/2021 PA 07/20/2021 FPA 524 2 4.1 Styrene NELAP 07/20/2021 EPA 524.2 4.1 Tetrachloroethene (PCE, NELAP PA Perchloroethylene) EPA 524.2 4.1 NELAP PA 07/20/2021 Toluene 4.1 Total trihalomethanes (TTHMs) NELAP PA 07/20/2021 EPA 524.2 Trichloroethene (TCE, Trichloroethylene) NELAP PA 07/20/2021 EPA 524.2 4.1 PA 07/08/2021 EPA 524.2 4.1 Trichlorofluoromethane (Freon 11) NELAP PA 07/20/2021 EPA 524.2 4.1 Vinyl chloride (Chloroethene) NELAP 4.1 Xylenes, total NELAP PA 07/20/2021 EPA 524.2 NELAP PA 07/20/2021 EPA 524.2 4.1 cis-1,2-Dichloroethene EPA 524.2 4 1 cis-1,3-Dichloropropene NELAP PA 07/08/2021

annmarie Beach

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized Accreditation Body. Customers are urged to verify the laboratory's current accreditation standing.

Issue Date: 03/25/2022





Attached to Certificate of Accreditation 011-005 expiration date 07/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Microbac Laboratories, Inc. - Pittston

428 Route 315 Highway

Pittston, PA 18640 (570) 348-0775

Matrix: Drinking Water

DEP Laboratory ID: 35-05082 EPA Lab Code: PA01700 TNI Code: TNI02680

PADWIS ID: 05082

| Method | Revision | TNI Method Code | Analyte | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|------------------|----------|-----------------------|---|------------------------|-----------------------|------------------|----------------|
| EPA 524.2 | 4.1 | | n-Butylbenzene | | NELAP | PA | 07/08/2021 |
| EPA 524.2 | 4.1 | | n-Propylbenzene | | NELAP | PA | 07/08/2021 |
| EPA 524.2 | 4.1 | | p-Isopropyltoluene (4-Isopropyltoluene) | | NELAP | PA | 07/08/2021 |
| EPA 524.2 | 4.1 | | sec-Butylbenzene | | NELAP | PA | 07/20/2021 |
| EPA 524.2 | 4.1 | | tert-Butylbenzene | | NELAP | PA | 07/08/2021 |
| EPA 524.2 | 4.1 | | trans-1,2-Dichloroethene | | NELAP | PA | 07/20/2021 |
| EPA 524.2 | 4.1 | | trans-1,3-Dichloropropene | | NELAP | PA | 07/08/2021 |
| HACH 8000 | | | Chemical oxygen demand (COD) | | NELAP | PA | 07/08/2021 |
| SM 2120 B | | | Color | | NELAP | PA | 07/08/2021 |
| SM 2150 B | | | Odor | | NELAP | PA | 07/08/2021 |
| SM 2310 B | | | Acidity as CaCO3 | | NELAP | PA | 07/08/2021 |
| SM 2320 B | | | Alkalinity as CaCO3 | | NELAP | PA | 07/08/2021 |
| SM 2510 B | | | Conductivity | | NELAP | PA | 07/08/2021 |
| SM 2540 B | | | Residue, total | | NELAP | PA | 07/08/2021 |
| SM 2540 C | | | Residue, filterable (TDS) | | NELAP | PA | 07/08/2021 |
| SM 2540 E | | | Residue, volatile | | NELAP | PA | 07/08/2021 |
| SM 2540 E | | | Volatile suspended solids | | NELAP | PA | 07/08/2021 |
| SM 3500-Cr B | 20-22 | | Chromium VI | | NELAP | PA | 07/08/2021 |
| SM 4500-CI G | | | Residual free chlorine | | NELAP | PA | 07/08/2021 |
| SM 4500-CI G | | | Total residual chlorine | | NELAP | PA | 07/08/2021 |
| SM 4500-H+ B | | | pН | | NELAP | PA | 07/08/2021 |
| SM 4500-P E | | | Orthophosphate as P | | NELAP | PA | 07/08/2021 |
| SM 4500-S2- F | | | Sulfide | | NELAP | PA | 07/08/2021 |
| SM 4500-SiO2 C | 20-22 | | Silica, dissolved | | NELAP | PA | 07/08/2021 |
| SM 5540 C | | | Surfactants as MBAS | | NELAP | PA | 07/08/2021 |
| SM 5910 B | | | UV 254 | | NELAP | PA | 07/08/2021 |
| SM 9223 Colilert | | | E. coli (Enumeration) | | NELAP | PA | 07/08/2021 |
| SM 9223 Colilert | | | Total coliform & E. coli (P/A) | | NELAP | PA | 07/08/2021 |
| SM 9223 Colilert | | | Total coliform (Enumeration) | | NELAP | PA | 07/08/2021 |
| SimPlate | | | Heterotrophic bacteria (Enumeration) | | NELAP | PA | 07/08/2021 |

Matrix: Non-Potable Water

| TNI Method Code | Analyte | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------------------|------------------------------|--|--------------------------|--|---|
| 8 8 | Fecal coliform (Enumeration) | | NELAP | PA | 07/08/2021 |
| | Residue, volatile | | NELAP | PA | 07/08/2021 |
| | Method | Method Code Fecal coliform (Enumeration) | Method Analyte Code Code | Method Code Analyte Code Type Fecal coliform (Enumeration) NELAP | Method Code Analyte Code Type State Fecal coliform (Enumeration) NELAP PA |

annmerie Black

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized Accreditation Body. Customers are urged to verify the laboratory's current accreditation standing.

www.dep.state.pa.us





Attached to Certificate of Accreditation 011-005 expiration date 07/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Microbac Laboratories, Inc. - Pittston

428 Route 315 Highway

Pittston, PA 18640 (570) 348-0775

DEP Laboratory ID: 35-05082 EPA Lab Code: PA01700 TNI Code: TNI02680 PADWIS ID: 05082

Matrix: Non-Potable Water

| Method | Revision TNI Method Code | Analyte | TNI A Analyte Code | ccreditation Type | Primary State | Effective Date |
|-----------|--------------------------------|--------------------------------|---------------------------------------|----------------------|------------------|----------------|
| EPA 1664 | A | Non-polar material | | NELAP | PA | 07/08/2021 |
| EPA 1664 | A | Oil and grease | | NELAP | PA | 07/08/2021 |
| EPA 180.1 | | Turbidity | | NELAP | PA | 07/08/2021 |
| EPA 200.2 | | Metals sample preparation | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Aluminum | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Antimony | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Arsenic | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Barium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Boron | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Cadmium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Calcium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Chromium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Cobalt | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Copper | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Iron | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Lead | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Magnesium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Manganese | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Molybdenum | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Nickel | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Potassium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Selenium | · · · · · · · · · · · · · · · · · · · | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Silver | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Sodium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Thallium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Tin | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Titanium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Vanadium | | NELAP | PA | 03/11/2022 |
| EPA 200.7 | 4.4 | Zinc | | NELAP | PA | 03/11/2022 |
| EPA 335.4 | | Cyanide | | NELAP | PA | 07/08/2021 |
| EPA 350.1 | 2.0 | Ammonia as N | 2 | NELAP | PA | 07/20/2021 |
| EPA 351.2 | | Kjeldahl nitrogen, total (TKN) | | NELAP | PA | 07/08/2021 |
| EPA 353.2 | | Nitrate as N | | NELAP | PA | 07/20/2021 |
| EPA 353.2 | | Nitrite as N | | NELAP | PA | 07/08/2021 |
| EPA 353.2 | | Total nitrate-nitrite | | NELAP | PA | 07/20/2021 |
| EPA 365.1 | | Phosphorus, total | | NELAP | PA | 07/08/2021 |
| EPA 365.3 | | Orthophosphate as P | | NELAP | PA | 07/20/2021 |
| EPA 420.4 | | Total phenolics | | NELAP | PA | 07/08/2021 |

Annmarie Beach

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized Accreditation Body. Customers are urged to verify the laboratory's current accreditation standing.





Attached to Certificate of Accreditation 011-005 expiration date 07/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Microbac Laboratories, Inc. - Pittston

428 Route 315 Highway

Pittston, PA 18640 (570) 348-0775

Matrix: Non-Potable Water

DEP Laboratory ID: 35-05082 EPA Lab Code: PA01700 TNI Code: TNI02680 PADWIS ID: 05082

| Method | Revision | TNI Method Code | Analyte | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------------|---|------------------------|-----------------------|------------------|----------------|
| EPA 5030 | В | (*) | Aqueous-phase purge-and-trap | Bue historic | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | 1,1,1-Trichloroethane | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | 1,1,2,2-Tetrachloroethane | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | 1,1,2-Trichloroethane | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | 1,1-Dichloroethane | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | 1,1-Dichloroethene (1,1- Dichloroethylene) | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | 1,2,4-Trichlorobenzene | and a second | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | 1,2-Dichlorobenzene (o- Dichlorobenzene) | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | 1,2-Dichloroethane | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | · | | 1,2-Dichloropropane | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | 1,3-Dichlorobenzene (m- Dichlorobenzene) | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | 1,4-Dichlorobenzene (p- Dichlorobenzene) | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | 2-Chloroethyl vinyl ether | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | 2-Hexanone | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | 4-Methyl-2-pentanone (MIBK) | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Benzene | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Bromodichloromethane | ្រ សារដែររាម | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Bromoform | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Carbon tetrachloride | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Chlorobenzene | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Chloroethane | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Chloroform | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Dibromochloromethane | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Ethylbenzene | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Methyl bromide (Bromomethane) | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Methyl chloride (Chloromethane) | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Methyl tert-butyl ether (MTBE) | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Methylene chloride (Dichloromethane) | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Naphthalene | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Styrene | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Tetrachloroethene (PCE, Perchloroethylene) | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Toluene | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Trichloroethene (TCE, Trichloroethylene) | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Trichlorofluoromethane (Freon 11) | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | Vinyl acetate | | NELAP | PA | 07/08/2021 |

annmarie Beach

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized Accreditation Body. Customers are urged to verify the laboratory's current accreditation standing.





Attached to Certificate of Accreditation 011-005 expiration date 07/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Microbac Laboratories, Inc. - Pittston

428 Route 315 Highway

Pittston, PA 18640 (570) 348-0775

Matrix: Non-Potable Water

| Method | | Revision | TNI Method Code | Analyte | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|--------------|----------|-----------------------|---|------------------------|-----------------------|------------------|----------------|
| EPA 624.1 | . as 1/1 7/1 | | | Vinyl chloride (Chloroethene) | they by i-a law | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | | Xylenes, total | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | | cis-1,2-Dichloroethene | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | | cis-1,3-Dichloropropene | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | | m+p-Xylene | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | | o-Xylene | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | | trans-1,2-Dichloroethene | | NELAP | PA | 07/08/2021 |
| EPA 624.1 | | | | trans-1,3-Dichloropropene | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | VOCs by GC/MS | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,1,1,2-Tetrachloroethane | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,1,1-Trichloroethane | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,1,2,2-Tetrachloroethane | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,1,2-Trichloroethane | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,1-Dichloroethane | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,1-Dichloroethene (1,1- Dichloroethylene) | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,1-Dichloropropene | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,2,3-Trichlorobenzene | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,2,3-Trichloropropane (1,2,3-TCP) | | NELAP | PA | 07/08/2021 |
| EPA 8260 | 11 | С | | 1,2,4-Trichlorobenzene | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,2,4-Trimethylbenzene | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane) | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,2-Dibromoethane (EDB, Ethylene dibromide) | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,2-Dichlorobenzene (o- Dichlorobenzene) | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,2-Dichloroethane | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,2-Dichloropropane | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,3,5-Trimethylbenzene | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,3-Dichlorobenzene (m- Dichlorobenzene) | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | C | | 1,3-Dichloropropane | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 1,4-Dichlorobenzene (p- Dichlorobenzene) | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 2,2-Dichloropropane | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 2-Butanone (Methyl ethyl ketone, MEK) | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | C | | 2-Chloroethyl vinyl ether | | NELAP | PA | 07/08/2021 |
| EPA 8260 | | С | | 2-Chlorotoluene | | NELAP | PA | 07/08/2021 |

annmarie Beach

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized Accreditation Body. Customers are urged to verify the laboratory's current accreditation standing.

DEP Laboratory ID: 35-05082 EPA Lab Code: PA01700 TNI Code: TNI02680 PADWIS ID: 05082





DEP Laboratory ID:

TNI Code: TNI02680

PADWIS ID: 05082

EPA Lab Code: PA01700

35-05082

Attached to Certificate of Accreditation 011-005 expiration date 07/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Microbac Laboratories, Inc. - Pittston

428 Route 315 Highway

Pittston, PA 18640 (570) 348-0775

Matrix: Non-Potable Water

Method Revision TNI Analyte TNI Accreditation Primary **Effective Date** Method Analyte Code Туре State Code С EPA 8260 2-Hexanone NELAP PA 07/08/2021 EPA 8260 С 4-Chlorotoluene NELAP PA 07/08/2021 EPA 8260 С 4-Methyl-2-pentanone (MIBK) NELAP PA 07/08/2021 EPA 8260 С Acetone NELAP PA 07/08/2021 **FPA 8260** С Benzene NELAP PA 07/08/2021 EPA 8260 С Bromobenzene NELAP PA 07/08/2021 EPA 8260 С Bromochloromethane NELAP PA 07/08/2021 EPA 8260 С Bromodichloromethane NELAP PA 07/08/2021 С EPA 8260 Bromoform NELAP PA 07/08/2021 EPA 8260 С Carbon disulfide NELAP PA 07/08/2021 EPA 8260 С Carbon tetrachloride NELAP PA 07/08/2021 С EPA 8260 Chlorobenzene NELAP PA 07/08/2021 **FPA 8260** С Chloroethane NELAP PA 07/08/2021 EPA 8260 С Chloroform NELAP PA 07/08/2021 EPA 8260 С Dibromochloromethane NELAP PA 07/08/2021 EPA 8260 С Dibromomethane NELAP PA 07/08/2021 EPA 8260 С Ethylbenzene NELAP PA 07/08/2021 EPA 8260 С Hexachlorobutadiene (1,3-Hexachlorobutadiene) NELAP PA 07/08/2021 EPA 8260 С Isopropylbenzene (Cumene) NELAP PA 07/08/2021 С EPA 8260 Methyl bromide (Bromomethane) NELAP PA 07/08/2021 EPA 8260 С Methyl chloride (Chloromethane) NELAP PA 07/08/2021 EPA 8260 С Methyl tert-butyl ether (MTBE) NELAP PA 07/08/2021 EPA 8260 С Methylene chloride (Dichloromethane) NELAP PA 07/08/2021 EPA 8260 С Naphthalene NELAP PA 07/08/2021 EPA 8260 С Styrene NELAP PA 07/08/2021 EPA 8260 С Tetrachloroethene (PCE, NELAP PA 07/08/2021 Perchloroethylene) EPA 8260 С Toluene NELAP PA 07/08/2021 EPA 8260 С Trichloroethene (TCE, Trichloroethylene) NELAP PA 07/08/2021 EPA 8260 С Trichlorofluoromethane (Freon 11) NELAP PA 07/08/2021 EPA 8260 С Vinvl acetate NELAP PA 07/08/2021 EPA 8260 С Vinyl chloride (Chloroethene) NELAP PA 07/08/2021 EPA 8260 С Xvlenes, total NELAP PA 07/08/2021 EPA 8260 С cis-1.2-Dichloroethene NELAP PA 07/08/2021 С EPA 8260 cis-1,3-Dichloropropene NELAP PA 07/08/2021 EPA 8260 С m+p-Xvlene NELAP PA 07/08/2021 EPA 8260 С n-Butylbenzene NELAP PA 07/08/2021 EPA 8260 С n-Propylbenzene NELAP PA 07/08/2021

annmerie Beach

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized Accreditation Body. Customers are urged to verify the laboratory's current accreditation standing.





DEP Laboratory ID:

TNI Code: TNI02680

PADWIS ID: 05082

EPA Lab Code:

35-05082

PA01700

Attached to Certificate of Accreditation 011-005 expiration date 07/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Microbac Laboratories, Inc. - Pittston

428 Route 315 Highway

Pittston, PA 18640 (570) 348-0775

Matrix: Non-Potable Water

TNI Accreditation Primary **Effective Date** Method Revision TNI Analyte State Method Analyte Туре Code Code 07/08/2021 NELAP PA С EPA 8260 o-Xylene 07/08/2021 PA С NELAP EPA 8260 p-Isopropyltoluene (4-Isopropyltoluene) 07/08/2021 PA С sec-Butylbenzene NELAP EPA 8260 07/08/2021 NELAP PA С tert-Butylbenzene EPA 8260 07/08/2021 NELAP PA С trans-1,2-Dichloroethene **FPA 8260** 07/08/2021 NELAP PA С trans-1,3-Dichloropropene EPA 8260 PA 07/08/2021 NELAP Chemical oxygen demand (COD) **HACH 8000** NELAP PA 07/08/2021 Color SM 2120 B NELAP PA 07/08/2021 SM 2150 B Odor NEL AP PA 07/08/2021 SM 2310 B Acidity as CaCO3 PA 07/08/2021 Alkalinity as CaCO3 NELAP SM 2320 B 07/08/2021 PA SM 2510 B Conductivity NELAP 07/08/2021 NELAP PA SM 2540 B Residue, total 07/08/2021 Residue, filterable (TDS) NELAP PA SM 2540 C Residue, nonfilterable (TSS) NELAP PA 07/08/2021 SM 2540 D PA 07/08/2021 Residue, volatile NELAP SM 2540 E PA 07/08/2021 NELAP SM 2540 E Volatile suspended solids NELAP PA 07/08/2021 Residue, settleable SM 2540 F NELAP PA 07/08/2021 SM 3500-Cr B 20-22 Chromium VI 07/08/2021 NELAP PA SM 4500-CI G Residual free chlorine 07/08/2021 SM 4500-CI G Total residual chlorine NELAP PA 07/08/2021 SM 4500-H+ B pH NELAP PA 07/20/2021 NELAP PA SM 4500-NH3 G 19-22 Ammonia as N 07/20/2021 PA Orthophosphate as P NELAP SM 4500-P E PA 07/08/2021 Sulfide NELAP SM 4500-S2- F PA 07/08/2021 NELAP Biochemical oxygen demand (BOD) SM 5210 B Carbonaceous BOD (CBOD) NELAP PA 07/08/2021 SM 5210 B 07/08/2021 NELAP PA Surfactants as MBAS SM 5540 C 07/08/2021 PA NELAP SM 9223 Colilert E. coli (Enumeration) PA 07/08/2021 NELAP SM 9223 Colilert Total coliform (Enumeration) 07/08/2021 PA SimPlate Heterotrophic bacteria (Enumeration) NELAP

annmarie Beach

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized Accreditation Body. Customers are urged to verify the laboratory's current accreditation standing.

www.dep.state.pa.us