

# COMMONWEALTH OF PENNSYLVANIA

## DEPARTMENT OF ENVIRONMENTAL PROTECTION

*BUREAU OF LABORATORIES*

*LABORATORY ACCREDITATION PROGRAM*

Certifies That

**68-01670**

**Microbac Laboratories, Inc.- Marietta Division**

**158 Starlite Drive, Marietta, OH, 45750**

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: **06/30/2026**

Certificate Number: **021**



*Annmarie Beach*

Annmarie Beach, Chief  
Laboratory Accreditation Program  
Bureau of Laboratories

Continued accreditation status depends on successful ongoing participation in the program  
Certificate not transferable Surrender upon revocation  
To be conspicuously displayed at the Laboratory  
Not valid unless accompanied by a valid Scope of Accreditation  
Shall not be used to imply endorsement by the Commonwealth of Pennsylvania  
Customers are urged to verify the laboratory's current accreditation status  
PA DEP is a NELAP recognized accreditation body

## Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 021-001 expiration date 06/30/2026. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Drinking Water

| Method    | Revision | TNI Method Code | Analyte    | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|------------|------------------|--------------------|---------------|----------------|
| EPA 200.7 | 4.4      | 10013806        | Arsenic    | 1010             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Barium     | 1015             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Beryllium  | 1020             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Boron      | 1025             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Cadmium    | 1030             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Calcium    | 1035             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Chromium   | 1040             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Cobalt     | 1050             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Copper     | 1055             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Iron       | 1070             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Lead       | 1075             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Lithium    | 1080             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Magnesium  | 1085             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Manganese  | 1090             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Molybdenum | 1100             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Nickel     | 1105             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Potassium  | 1125             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Silver     | 1150             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Sodium     | 1155             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Strontium  | 1160             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Vanadium   | 1185             | NELAP              | FL            | 03/17/2017     |
| EPA 200.7 | 4.4      | 10013806        | Zinc       | 1190             | NELAP              | FL            | 03/17/2017     |

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**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Drinking Water

| Method    | Revision | TNI Method Code | Analyte      | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|--------------|------------------|--------------------|---------------|----------------|
| EPA 200.8 | 5.4      | 10014605        | Antimony     | 1005             | NELAP              | FL            | 03/17/2017     |
| EPA 200.8 | 5.4      | 10014605        | Arsenic      | 1010             | NELAP              | FL            | 03/17/2017     |
| EPA 200.8 | 5.4      | 10014605        | Barium       | 1015             | NELAP              | FL            | 03/17/2017     |
| EPA 200.8 | 5.4      | 10014605        | Beryllium    | 1020             | NELAP              | FL            | 06/25/2019     |
| EPA 200.8 | 5.4      | 10014605        | Cadmium      | 1030             | NELAP              | FL            | 03/17/2017     |
| EPA 200.8 | 5.4      | 10014605        | Chromium     | 1040             | NELAP              | FL            | 03/17/2017     |
| EPA 200.8 | 5.4      | 10014605        | Cobalt       | 1050             | NELAP              | FL            | 03/17/2017     |
| EPA 200.8 | 5.4      | 10014605        | Copper       | 1055             | NELAP              | FL            | 03/17/2017     |
| EPA 200.8 | 5.4      | 10014605        | Lead         | 1075             | NELAP              | FL            | 03/17/2017     |
| EPA 200.8 | 5.4      | 10014605        | Manganese    | 1090             | NELAP              | FL            | 03/17/2017     |
| EPA 200.8 | 5.4      | 10014605        | Nickel       | 1105             | NELAP              | FL            | 03/17/2017     |
| EPA 200.8 | 5.4      | 10014605        | Selenium     | 1140             | NELAP              | FL            | 03/17/2017     |
| EPA 200.8 | 5.4      | 10014605        | Silver       | 1150             | NELAP              | FL            | 03/17/2017     |
| EPA 200.8 | 5.4      | 10014605        | Thallium     | 1165             | NELAP              | FL            | 03/17/2017     |
| EPA 200.8 | 5.4      | 10014605        | Zinc         | 1190             | NELAP              | FL            | 03/17/2017     |
| EPA 245.1 | 3.0      | 10036609        | Mercury      | 1095             | NELAP              | FL            | 03/17/2017     |
| EPA 300.0 | 2.1      | 10053200        | Chloride     | 1575             | NELAP              | FL            | 03/17/2017     |
| EPA 300.0 | 2.1      | 10053200        | Nitrate as N | 1810             | NELAP              | FL            | 03/17/2017     |
| EPA 300.0 | 2.1      | 10053200        | Sulfate      | 2000             | NELAP              | FL            | 03/17/2017     |
| EPA 325.2 |          | 10057202        | Chloride     | 1575             | NELAP              | FL            | 03/17/2017     |
| EPA 353.2 | 2.0      | 10067604        | Nitrate as N | 1810             | NELAP              | FL            | 03/17/2017     |
| EPA 375.4 |          | 10073800        | Sulfate      | 2000             | NELAP              | FL            | 03/17/2017     |

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### Matrix: Drinking Water

| Method  | Revision | TNI Method Code | Analyte                                                           | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|---------|----------|-----------------|-------------------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 533 | 1.0      | 10091619        | 11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | 9490             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | 1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2-FTS)            | 6948             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | 1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2-FTS)            | 6946             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | 1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2-FTS)            | 6947             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                        | 6951             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)   | 6952             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | Hexafluoropropylene oxide dimer acid (HFPO-DA)                    | 9460             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)                        | 6956             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)                  | 6957             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | Perfluoro-3-methoxypropanoic acid (PFMPA)                         | 6965             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | Perfluoro-4-methoxybutanoic acid (PFMBA)                          | 6966             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | Perfluorobutanesulfonic acid (PFBS)                               | 6918             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | Perfluorobutanoic acid (PFBA)                                     | 6915             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | Perfluorodecanoic acid (PFDA)                                     | 6905             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | Perfluorododecanoic acid (PFDoA)                                  | 6903             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | Perfluoroheptanesulfonic acid (PFHpS)                             | 9470             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | Perfluoroheptanoic acid (PFHpA)                                   | 6908             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | Perfluorohexanesulfonic acid (PFHxS)                              | 6927             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | Perfluorohexanoic acid (PFHxA)                                    | 6913             | NELAP              | FL            | 04/05/2024     |
| EPA 533 | 1.0      | 10091619        | Perfluorononanoic acid (PFNA)                                     | 6906             | NELAP              | FL            | 04/05/2024     |

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**TNI Code: TNI00498**  
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### Matrix: Drinking Water

| Method    | Revision | TNI Method Code | Analyte                                                            | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|--------------------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 533   | 1.0      | 10091619        | Perfluorooctanesulfonic acid (PFOS)                                | 6931             | NELAP              | FL            | 04/05/2024     |
| EPA 533   | 1.0      | 10091619        | Perfluorooctanoic acid (PFOA)                                      | 6912             | NELAP              | FL            | 04/05/2024     |
| EPA 533   | 1.0      | 10091619        | Perfluoropentane sulfonic acid (PFPeS)                             | 6934             | NELAP              | FL            | 04/05/2024     |
| EPA 533   | 1.0      | 10091619        | Perfluoropentanoic acid (PFPeA)                                    | 6914             | NELAP              | FL            | 04/05/2024     |
| EPA 533   | 1.0      | 10091619        | Perfluoroundecanoic acid (PFUnA)                                   | 6904             | NELAP              | FL            | 04/05/2024     |
| EPA 537.1 | 2.0      | 10091595        | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | 9490             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1 | 2.0      | 10091595        | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | 6951             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1 | 2.0      | 10091595        | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | 6952             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1 | 2.0      | 10091595        | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 9460             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1 | 2.0      | 10091595        | Perfluorobutanesulfonic acid (PFBS)                                | 6918             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1 | 2.0      | 10091595        | Perfluorodecanoic acid (PFDA)                                      | 6905             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1 | 2.0      | 10091595        | Perfluorododecanoic acid (PFDoA)                                   | 6903             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1 | 2.0      | 10091595        | Perfluoroheptanoic acid (PFHpA)                                    | 6908             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1 | 2.0      | 10091595        | Perfluorohexanesulfonic acid (PFHxS)                               | 6927             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1 | 2.0      | 10091595        | Perfluorohexanoic acid (PFHxA)                                     | 6913             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1 | 2.0      | 10091595        | Perfluorononanoic acid (PFNA)                                      | 6906             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1 | 2.0      | 10091595        | Perfluorooctanesulfonic acid (PFOS)                                | 6931             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1 | 2.0      | 10091595        | Perfluorooctanoic acid (PFOA)                                      | 6912             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1 | 2.0      | 10091595        | Perfluorotetradecanoic acid (PFTA)                                 | 6902             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1 | 2.0      | 10091595        | Perfluorotridecanoic acid (PFTTrDA)                                | 9563             | NELAP              | FL            | 03/03/2025     |

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### Matrix: Drinking Water

| Method                | Revision | TNI Method Code | Analyte                                                   | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------------------|----------|-----------------|-----------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 537.1             | 2.0      | 10091595        | Perfluoroundecanoic acid (PFUnA)                          | 6904             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1             | 2.0      | 10091595        | n-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)  | 4846             | NELAP              | FL            | 03/03/2025     |
| EPA 537.1             | 2.0      | 10091595        | n-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 4847             | NELAP              | FL            | 03/03/2025     |
| RSK-175               |          | 10212905        | Acetylene (Ethyne)                                        | 4323             | NELAP              | FL            | 03/17/2017     |
| RSK-175               |          | 10212905        | Carbon dioxide                                            | 3755             | NELAP              | FL            | 03/17/2017     |
| RSK-175               |          | 10212905        | Ethane                                                    | 4747             | NELAP              | FL            | 03/17/2017     |
| RSK-175               |          | 10212905        | Ethene                                                    | 4752             | NELAP              | FL            | 03/17/2017     |
| RSK-175               |          | 10212905        | Methane                                                   | 4926             | NELAP              | FL            | 03/17/2017     |
| RSK-175               |          | 10212905        | Propane                                                   | 5029             | NELAP              | FL            | 03/17/2017     |
| RSK-175               |          | 10212905        | n-Butane                                                  | 5007             | NELAP              | FL            | 03/17/2017     |
| SM 2510B - 2011       | 23rd ed. | 20048435        | Conductivity                                              | 1610             | NELAP              | FL            | 03/17/2017     |
| SM 2540C - 2015       | 23rd ed. | 20050457        | Residue, filterable (TDS)                                 | 1955             | NELAP              | FL            | 03/17/2017     |
| SM 2540D - 2015       | 23rd ed. | 20050446        | Residue, nonfilterable (TSS)                              | 1960             | NELAP              | FL            | 03/17/2017     |
| SM 4500-H + B - 2011  | 23rd ed. | 20105037        | pH                                                        | 1900             | NELAP              | FL            | 03/17/2017     |
| SM 4500-NO3- F - 2016 | 23rd ed. | 20116421        | Nitrate as N                                              | 1810             | NELAP              | FL            | 03/17/2017     |
| SM 4500-SO4 E - 2011  | 23rd ed. | 20132847        | Sulfate                                                   | 2000             | NELAP              | FL            | 03/17/2017     |
| SM 5310C - 2014       | 23rd ed. | 20138630        | Total organic carbon (TOC)                                | 2040             | NELAP              | FL            | 03/17/2017     |
| SM 5540C - 2011       | 23rd ed. | 20144836        | Surfactants as MBAS                                       | 2025             | NELAP              | FL            | 03/17/2017     |

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### Matrix: Non-Potable Water

| Method                           | Revision | TNI Method Code | Analyte                                                                          | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------------------------------|----------|-----------------|----------------------------------------------------------------------------------|------------------|--------------------|---------------|----------------|
| <b>Matrix: Non-Potable Water</b> |          |                 |                                                                                  |                  |                    |               |                |
| Method                           | Revision | TNI Method Code | Analyte                                                                          | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
| EPA 1010                         | A        | 10234807        | Ignitability                                                                     | 1780             | NELAP              | FL            | 05/11/2023     |
| EPA 1010                         | B        | 10234830        | Ignitability                                                                     | 1780             | NELAP              | FL            | 05/11/2023     |
| EPA 120.1                        |          | 10006403        | Conductivity                                                                     | 1610             | NELAP              | FL            | 06/16/2006     |
| EPA 160.1                        |          | 10009208        | Residue, filterable (TDS)                                                        | 1955             | NELAP              | FL            | 06/20/2018     |
| EPA 160.2                        |          | 10009606        | Residue, nonfilterable (TSS)                                                     | 1960             | NELAP              | FL            | 06/20/2018     |
| EPA 160.3                        |          | 10010001        | Residue, total                                                                   | 1950             | NELAP              | FL            | 06/20/2018     |
| EPA 160.4                        |          | 10010409        | Residue, volatile                                                                | 1970             | NELAP              | FL            | 06/16/2006     |
| EPA 1633                         |          | 10123463        | Perfluorodecanesulfonic acid (PFDS)                                              | 6920             | NELAP              | FL            | 03/03/2025     |
| EPA 1633                         |          | 10123463        | Perfluorododecanesulfonic acid (PFDoS)                                           | 6923             | NELAP              | FL            | 03/03/2025     |
| EPA 1633                         |          | 10123463        | Perfluorononanesulfonic acid (PFNS)                                              | 6929             | NELAP              | FL            | 03/03/2025     |
| EPA 1633                         |          | 10123463        | Perfluoropentanesulfonic acid (PFPeS)                                            | 6934             | NELAP              | FL            | 03/03/2025     |
| EPA 1633                         |          | 10123463        | 11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)                | 9490             | NELAP              | FL            | 03/03/2025     |
| EPA 1633                         |          | 10123463        | 1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2-FTS)                           | 6948             | NELAP              | FL            | 03/03/2025     |
| EPA 1633                         |          | 10123463        | 1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2-FTS)                           | 6946             | NELAP              | FL            | 03/03/2025     |
| EPA 1633                         |          | 10123463        | 1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2-FTS)                           | 6947             | NELAP              | FL            | 03/03/2025     |
| EPA 1633                         |          | 10123463        | 2H,2H,3H,3H-Perfluorodecanoic acid (3-Perfluoroheptyl propanoic acid) (7:3 FTCA) | 9340             | NELAP              | FL            | 03/03/2025     |
| EPA 1633                         |          | 10123463        | 2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)                                    | 9338             | NELAP              | FL            | 03/03/2025     |

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| Method   | Revision | TNI Method Code | Analyte                                                                              | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|--------------------------------------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 1633 |          | 10123463        | 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3-Perfluoropropyl propanoic acid) (3:3 FTCA) | 9353             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                                           | 6951             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)                      | 6952             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Hexafluoropropylene oxide dimer acid (HFPO-DA)                                       | 9460             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | N-Ethylperfluorooctanesulfonamide (EtFOSA)                                           | 9395             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | N-Methylperfluorooctanesulfonamide (MeFOSA)                                          | 9433             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | N-ethylperfluoro-1-octanesulfonamido ethanol (N-EtFOSE)                              | 9431             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | N-methylperfluoro-1-octanesulfonamido ethanol (N-MeFOSE)                             | 6949             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)                                            | 6956             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)                                     | 6957             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluoro-3-methoxypropanoic acid (PFMPA)                                            | 6965             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluoro-4-methoxybutanoic acid (PFMBA)                                             | 6966             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorobutanesulfonic acid (PFBS)                                                  | 6918             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorobutanoic acid (PFBA)                                                        | 6915             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorodecanoic acid (PFDA)                                                        | 6905             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorododecanoic acid (PFDoA)                                                     | 6903             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluoroheptanesulfonic acid (PFHpS)                                                | 9470             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluoroheptanoic acid (PFHpA)                                                      | 6908             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorohexanesulfonic acid (PFHxS)                                                 | 6927             | NELAP              | FL            | 03/03/2025     |

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## Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 021-001 expiration date 06/30/2026. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

**Microbac Laboratories, Inc.- Marietta Division**  
158 Starlite Drive  
Marietta, OH 45750  
(740) 373-4071

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method    | Revision | TNI Method Code | Analyte                                                   | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|-----------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 1633  |          | 10123463        | Perfluorohexanoic acid (PFHxA)                            | 6913             | NELAP              | FL            | 03/03/2025     |
| EPA 1633  |          | 10123463        | Perfluorononanoic acid (PFNA)                             | 6906             | NELAP              | FL            | 03/03/2025     |
| EPA 1633  |          | 10123463        | Perfluorooctane sulfonamide (PFOSA)                       | 6917             | NELAP              | FL            | 03/03/2025     |
| EPA 1633  |          | 10123463        | Perfluorooctanesulfonic acid (PFOS)                       | 6931             | NELAP              | FL            | 03/03/2025     |
| EPA 1633  |          | 10123463        | Perfluorooctanoic acid (PFOA)                             | 6912             | NELAP              | FL            | 03/03/2025     |
| EPA 1633  |          | 10123463        | Perfluoropentanoic acid (PFPeA)                           | 6914             | NELAP              | FL            | 03/03/2025     |
| EPA 1633  |          | 10123463        | Perfluorotetradecanoic acid (PFTA)                        | 6902             | NELAP              | FL            | 03/03/2025     |
| EPA 1633  |          | 10123463        | Perfluorotridecanoic acid (PFTTrDA)                       | 9563             | NELAP              | FL            | 03/03/2025     |
| EPA 1633  |          | 10123463        | Perfluoroundecanoic acid (PFUnA)                          | 6904             | NELAP              | FL            | 03/03/2025     |
| EPA 1633  |          | 10123463        | n-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)  | 4846             | NELAP              | FL            | 03/03/2025     |
| EPA 1633  |          | 10123463        | n-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 4847             | NELAP              | FL            | 03/03/2025     |
| EPA 1664  | A        | 10127807        | Oil and grease                                            | 1803             | NELAP              | FL            | 10/05/2022     |
| EPA 180.1 | 2        | 10011800        | Turbidity                                                 | 2055             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Aluminum                                                  | 1000             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Antimony                                                  | 1005             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Arsenic                                                   | 1010             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Barium                                                    | 1015             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Beryllium                                                 | 1020             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Boron                                                     | 1025             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Cadmium                                                   | 1030             | NELAP              | FL            | 06/16/2006     |

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**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method    | Revision | TNI Method Code | Analyte    | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|------------|------------------|--------------------|---------------|----------------|
| EPA 200.7 | 4.4      | 10013806        | Calcium    | 1035             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Chromium   | 1040             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Cobalt     | 1050             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Copper     | 1055             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Iron       | 1070             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Lead       | 1075             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Lithium    | 1080             | NELAP              | FL            | 07/07/2009     |
| EPA 200.7 | 4.4      | 10013806        | Magnesium  | 1085             | NELAP              | FL            | 07/07/2009     |
| EPA 200.7 | 4.4      | 10013806        | Manganese  | 1090             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Molybdenum | 1100             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Nickel     | 1105             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Potassium  | 1125             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Selenium   | 1140             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Silicon    | 1145             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Silver     | 1150             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Sodium     | 1155             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Strontium  | 1160             | NELAP              | FL            | 07/07/2009     |
| EPA 200.7 | 4.4      | 10013806        | Thallium   | 1165             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Tin        | 1175             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Titanium   | 1180             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Vanadium   | 1185             | NELAP              | FL            | 06/16/2006     |
| EPA 200.7 | 4.4      | 10013806        | Zinc       | 1190             | NELAP              | FL            | 06/16/2006     |

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**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method    | Revision | TNI Method Code | Analyte        | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|----------------|------------------|--------------------|---------------|----------------|
| EPA 200.7 | 4.4      | 10013806        | Zirconium      | 1192             | NELAP              | FL            | 06/25/2019     |
| EPA 200.8 | 5.4      | 10014605        | Antimony       | 1005             | NELAP              | FL            | 06/24/2021     |
| EPA 200.8 | 5.4      | 10014605        | Arsenic        | 1010             | NELAP              | FL            | 06/16/2006     |
| EPA 200.8 | 5.4      | 10014605        | Barium         | 1015             | NELAP              | FL            | 06/16/2006     |
| EPA 200.8 | 5.4      | 10014605        | Beryllium      | 1020             | NELAP              | FL            | 06/25/2019     |
| EPA 200.8 | 5.4      | 10014605        | Cadmium        | 1030             | NELAP              | FL            | 06/16/2006     |
| EPA 200.8 | 5.4      | 10014605        | Chromium       | 1040             | NELAP              | FL            | 06/16/2006     |
| EPA 200.8 | 5.4      | 10014605        | Cobalt         | 1050             | NELAP              | FL            | 06/16/2006     |
| EPA 200.8 | 5.4      | 10014605        | Copper         | 1055             | NELAP              | FL            | 06/16/2006     |
| EPA 200.8 | 5.4      | 10014605        | Lead           | 1075             | NELAP              | FL            | 06/16/2006     |
| EPA 200.8 | 5.4      | 10014605        | Manganese      | 1090             | NELAP              | FL            | 06/16/2006     |
| EPA 200.8 | 5.4      | 10014605        | Nickel         | 1105             | NELAP              | FL            | 06/16/2006     |
| EPA 200.8 | 5.4      | 10014605        | Selenium       | 1140             | NELAP              | FL            | 06/16/2006     |
| EPA 200.8 | 5.4      | 10014605        | Silver         | 1150             | NELAP              | FL            | 06/16/2006     |
| EPA 200.8 | 5.4      | 10014605        | Thallium       | 1165             | NELAP              | FL            | 06/16/2006     |
| EPA 200.8 | 5.4      | 10014605        | Uranium (mass) | 1184             | NELAP              | FL            | 06/20/2018     |
| EPA 200.8 | 5.4      | 10014605        | Vanadium       | 1185             | NELAP              | FL            | 06/16/2006     |
| EPA 200.8 | 5.4      | 10014605        | Zinc           | 1190             | NELAP              | FL            | 06/16/2006     |
| EPA 245.1 | 3.0      | 10036609        | Mercury        | 1095             | NELAP              | FL            | 06/16/2006     |
| EPA 300.0 | 2.1      | 10053200        | Bromide        | 1540             | NELAP              | FL            | 06/16/2006     |
| EPA 300.0 | 2.1      | 10053200        | Chloride       | 1575             | NELAP              | FL            | 06/16/2006     |
| EPA 300.0 | 2.1      | 10053200        | Fluoride       | 1730             | NELAP              | FL            | 06/16/2006     |

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(740) 373-4071

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method    | Revision | TNI Method Code | Analyte                                           | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|---------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 300.0 | 2.1      | 10053200        | Nitrate as N                                      | 1810             | NELAP              | FL            | 06/16/2006     |
| EPA 300.0 | 2.1      | 10053200        | Nitrite as N                                      | 1840             | NELAP              | FL            | 06/16/2006     |
| EPA 300.0 | 2.1      | 10053200        | Sulfate                                           | 2000             | NELAP              | FL            | 10/12/2021     |
| EPA 3010  | A        | 10133605        | Hot plate acid digestion (HNO <sub>3</sub> + HCl) | 1420             | NELAP              | FL            | 11/21/2022     |
| EPA 3015  | A        | 10134006        | Microwave-assisted acid digestion                 | 1430             | NELAP              | FL            | 07/10/2019     |
| EPA 3015  |          | 10133809        | Microwave-assisted acid digestion                 | 1430             | NELAP              | FL            | 03/17/2017     |
| EPA 310.2 |          | 10055206        | Alkalinity as CaCO <sub>3</sub>                   | 1505             | NELAP              | FL            | 06/16/2006     |
| EPA 350.1 | 2.0      | 10063602        | Ammonia as N                                      | 1515             | NELAP              | FL            | 06/24/2021     |
| EPA 351.2 | 2.0      | 10065404        | Kjeldahl nitrogen, total (TKN)                    | 1795             | NELAP              | FL            | 06/16/2006     |
| EPA 3510  | C        | 10138202        | Separatory funnel liquid-liquid extraction        | 1444             | NELAP              | FL            | 06/15/2009     |
| EPA 3520  | C        | 10139001        | Continuous liquid-liquid extraction               | 1410             | NELAP              | FL            | 06/15/2009     |
| EPA 353.2 | 2.0      | 10067604        | Nitrate as N                                      | 1810             | NELAP              | FL            | 06/16/2006     |
| EPA 353.2 | 2.0      | 10067604        | Total nitrate-nitrite                             | 1820             | NELAP              | FL            | 06/16/2006     |
| EPA 3535  | A        | 10139409        | Solid-phase extraction (SPE)                      | 1448             | NELAP              | FL            | 06/29/2015     |
| EPA 3620  | B        | 10145809        | Florisil cleanup                                  | 1414             | NELAP              | FL            | 03/17/2017     |
| EPA 3630  | C        | 10146802        | Silica gel cleanup                                | 1446             | NELAP              | FL            | 06/15/2009     |
| EPA 365.2 |          | 10070403        | Orthophosphate as P                               | 1870             | NELAP              | FL            | 07/07/2009     |
| EPA 365.4 |          | 10071202        | Phosphorus, total                                 | 1910             | NELAP              | FL            | 06/16/2006     |
| EPA 3660  | B        | 10148400        | Sulfur cleanup                                    | 1456             | NELAP              | FL            | 06/15/2009     |
| EPA 3665  | A        | 10148808        | Sulfuric acid/permanganate clean-up               | 1458             | NELAP              | FL            | 06/15/2009     |
| EPA 375.4 |          | 10073800        | Sulfate                                           | 2000             | NELAP              | FL            | 06/16/2006     |
| EPA 410.4 | 2.0      | 10077404        | Chemical oxygen demand (COD)                      | 1565             | NELAP              | FL            | 06/16/2006     |

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**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
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### Matrix: Non-Potable Water

| Method    | Revision | TNI Method Code | Analyte                      | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|------------------------------|------------------|--------------------|---------------|----------------|
| EPA 420.1 |          | 10079400        | Total phenolics              | 1905             | NELAP              | FL            | 06/16/2006     |
| EPA 5030  | B        | 10153409        | Aqueous-phase purge-and-trap | 1406             | NELAP              | FL            | 07/10/2019     |
| EPA 5030  | C        | 10284603        | Aqueous-phase purge-and-trap | 1406             | NELAP              | FL            | 07/10/2019     |
| EPA 5030  |          | 10153001        | Aqueous-phase purge-and-trap | 1406             | NELAP              | FL            | 06/15/2009     |
| EPA 6010  | B        | 10155609        | Aluminum                     | 1000             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Antimony                     | 1005             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Arsenic                      | 1010             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Barium                       | 1015             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Beryllium                    | 1020             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Boron                        | 1025             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Cadmium                      | 1030             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Calcium                      | 1035             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Chromium                     | 1040             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Cobalt                       | 1050             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Copper                       | 1055             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Iron                         | 1070             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Lead                         | 1075             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Lithium                      | 1080             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Magnesium                    | 1085             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Manganese                    | 1090             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Molybdenum                   | 1100             | NELAP              | FL            | 06/16/2006     |
| EPA 6010  | B        | 10155609        | Nickel                       | 1105             | NELAP              | FL            | 06/16/2006     |

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### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                     | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------|------------------|--------------------|---------------|----------------|
| EPA 6010 | B        | 10155609        | Phosphorus, total           | 1910             | NELAP              | FL            | 06/09/2014     |
| EPA 6010 | B        | 10155609        | Potassium                   | 1125             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Selenium                    | 1140             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Silica, as SiO <sub>2</sub> | 1990             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Silver                      | 1150             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Sodium                      | 1155             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Strontium                   | 1160             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Thallium                    | 1165             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Tin                         | 1175             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Titanium                    | 1180             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Vanadium                    | 1185             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Zinc                        | 1190             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Aluminum                    | 1000             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Antimony                    | 1005             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Arsenic                     | 1010             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Barium                      | 1015             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Beryllium                   | 1020             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Boron                       | 1025             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Cadmium                     | 1030             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Calcium                     | 1035             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Chromium                    | 1040             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Cobalt                      | 1050             | NELAP              | FL            | 06/16/2006     |

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Microbac Laboratories, Inc.- Marietta Division  
158 Starlite Drive  
Marietta, OH 45750  
(740) 373-4071

DEP Laboratory ID: 68-01670  
EPA Lab Code: OH00218  
TNI Code: TNI00498  
PADWIS ID: 01670

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                     | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------|------------------|--------------------|---------------|----------------|
| EPA 6010 | C        | 10155803        | Copper                      | 1055             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Iron                        | 1070             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Lead                        | 1075             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Lithium                     | 1080             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Magnesium                   | 1085             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Manganese                   | 1090             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Molybdenum                  | 1100             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Nickel                      | 1105             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Phosphorus, total           | 1910             | NELAP              | FL            | 06/09/2014     |
| EPA 6010 | C        | 10155803        | Potassium                   | 1125             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Selenium                    | 1140             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Silica, as SiO <sub>2</sub> | 1990             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Silver                      | 1150             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Sodium                      | 1155             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Strontium                   | 1160             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Thallium                    | 1165             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Tin                         | 1175             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Titanium                    | 1180             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Vanadium                    | 1185             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Zinc                        | 1190             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Zirconium                   | 1192             | NELAP              | FL            | 06/25/2019     |
| EPA 6010 | D        | 10155916        | Aluminum                    | 1000             | NELAP              | FL            | 06/16/2006     |

*Ammerie Beach*

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## Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 021-001 expiration date 06/30/2026. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                     | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------|------------------|--------------------|---------------|----------------|
| EPA 6010 | D        | 10155916        | Antimony                    | 1005             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Arsenic                     | 1010             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Barium                      | 1015             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Beryllium                   | 1020             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Boron                       | 1025             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Cadmium                     | 1030             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Calcium                     | 1035             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Chromium                    | 1040             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Cobalt                      | 1050             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Copper                      | 1055             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Iron                        | 1070             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Lead                        | 1075             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Lithium                     | 1080             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Magnesium                   | 1085             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Manganese                   | 1090             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Molybdenum                  | 1100             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Nickel                      | 1105             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Phosphorus, total           | 1910             | NELAP              | FL            | 06/09/2014     |
| EPA 6010 | D        | 10155916        | Potassium                   | 1125             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Selenium                    | 1140             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Silica, as SiO <sub>2</sub> | 1990             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Silver                      | 1150             | NELAP              | FL            | 06/16/2006     |

*Ammerie Beach*

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## Laboratory Scope of Accreditation



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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte   | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------|------------------|--------------------|---------------|----------------|
| EPA 6010 | D        | 10155916        | Sodium    | 1155             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Strontium | 1160             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Thallium  | 1165             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Tin       | 1175             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Titanium  | 1180             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Vanadium  | 1185             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Zinc      | 1190             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Zirconium | 1192             | NELAP              | FL            | 06/25/2019     |
| EPA 6020 | A        | 10156419        | Antimony  | 1005             | NELAP              | FL            | 06/24/2021     |
| EPA 6020 | A        | 10156419        | Arsenic   | 1010             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Barium    | 1015             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Beryllium | 1020             | NELAP              | FL            | 06/25/2019     |
| EPA 6020 | A        | 10156419        | Cadmium   | 1030             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Chromium  | 1040             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Cobalt    | 1050             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Copper    | 1055             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Lead      | 1075             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Manganese | 1090             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Nickel    | 1105             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Selenium  | 1140             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Silver    | 1150             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Thallium  | 1165             | NELAP              | FL            | 06/16/2006     |

*Annmarie Beach*

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## Laboratory Scope of Accreditation



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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method    | Revision | TNI Method Code | Analyte        | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|----------------|------------------|--------------------|---------------|----------------|
| EPA 6020  | A        | 10156419        | Uranium (mass) | 1184             | NELAP              | FL            | 06/20/2018     |
| EPA 6020  | A        | 10156419        | Vanadium       | 1185             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | A        | 10156419        | Zinc           | 1190             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | B        | 10156420        | Antimony       | 1005             | NELAP              | FL            | 06/24/2021     |
| EPA 6020  | B        | 10156420        | Arsenic        | 1010             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | B        | 10156420        | Barium         | 1015             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | B        | 10156420        | Beryllium      | 1020             | NELAP              | FL            | 06/25/2019     |
| EPA 6020  | B        | 10156420        | Cadmium        | 1030             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | B        | 10156420        | Chromium       | 1040             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | B        | 10156420        | Cobalt         | 1050             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | B        | 10156420        | Copper         | 1055             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | B        | 10156420        | Lead           | 1075             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | B        | 10156420        | Manganese      | 1090             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | B        | 10156420        | Nickel         | 1105             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | B        | 10156420        | Selenium       | 1140             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | B        | 10156420        | Silver         | 1150             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | B        | 10156420        | Thallium       | 1165             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | B        | 10156420        | Uranium (mass) | 1184             | NELAP              | FL            | 06/20/2018     |
| EPA 6020  | B        | 10156420        | Vanadium       | 1185             | NELAP              | FL            | 06/16/2006     |
| EPA 6020  | B        | 10156420        | Zinc           | 1190             | NELAP              | FL            | 06/16/2006     |
| EPA 608.3 |          | 10296614        | 4,4'-DDD       | 7355             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | 4,4'-DDE       | 7360             | NELAP              | FL            | 01/16/2019     |

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## Laboratory Scope of Accreditation



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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method    | Revision | TNI Method Code | Analyte                                 | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|-----------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 608.3 |          | 10296614        | 4,4'-DDT                                | 7365             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Aldrin (HHDN)                           | 7025             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Aroclor-1016 (PCB-1016)                 | 8880             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Aroclor-1221 (PCB-1221)                 | 8885             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Aroclor-1232 (PCB-1232)                 | 8890             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Aroclor-1242 (PCB-1242)                 | 8895             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Aroclor-1248 (PCB-1248)                 | 8900             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Aroclor-1254 (PCB-1254)                 | 8905             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Aroclor-1260 (PCB-1260)                 | 8910             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Dieldrin                                | 7470             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Endosulfan I                            | 7510             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Endosulfan II                           | 7515             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Endosulfan sulfate                      | 7520             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Endrin                                  | 7540             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Endrin aldehyde                         | 7530             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Heptachlor                              | 7685             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Heptachlor epoxide                      | 7690             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | Methoxychlor                            | 7810             | NELAP              | FL            | 06/25/2019     |
| EPA 608.3 |          | 10296614        | Mirex                                   | 7870             | NELAP              | FL            | 06/25/2019     |
| EPA 608.3 |          | 10296614        | Toxaphene (Chlorinated camphene)        | 8250             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | alpha-BHC (alpha-Hexachlorocyclohexane) | 7110             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | alpha-Chlordane                         | 7240             | NELAP              | FL            | 06/25/2019     |

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**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method    | Revision | TNI Method Code | Analyte                                                  | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|----------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 608.3 |          | 10296614        | beta-BHC (beta-Hexachlorocyclohexane)                    | 7115             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | delta-BHC (delta-Hexachlorocyclohexane)                  | 7105             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)         | 7120             | NELAP              | FL            | 01/16/2019     |
| EPA 608.3 |          | 10296614        | gamma-Chlordane                                          | 7245             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 1,1,1,2-Tetrachloroethane                                | 5105             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 1,1,1-Trichloroethane                                    | 5160             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | 1,1,2,2-Tetrachloroethane                                | 5110             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | 1,1,2-Trichloroethane                                    | 5165             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | 1,1-Dichloroethane                                       | 4630             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | 1,1-Dichloroethene (1,1-Dichloroethylene)                | 4640             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | 1,1-Dichloropropene                                      | 4670             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 1,2,3-Trichlorobenzene                                   | 5150             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 1,2,3-Trichloropropane (1,2,3-TCP)                       | 5180             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 1,2,4-Trichlorobenzene                                   | 5155             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 1,2,4-Trimethylbenzene                                   | 5210             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane) | 4570             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 1,2-Dichlorobenzene (o-Dichlorobenzene)                  | 4610             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | 1,2-Dichloroethane                                       | 4635             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | 1,2-Dichloropropane                                      | 4655             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | 1,3,5-Trimethylbenzene                                   | 5215             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 1,3-Butadiene (Divinyl)                                  | 9318             | NELAP              | FL            | 06/25/2019     |

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### Matrix: Non-Potable Water

| Method    | Revision | TNI Method Code | Analyte                                 | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|-----------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 624.1 |          | 10298121        | 1,3-Dichlorobenzene (m-Dichlorobenzene) | 4615             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | 1,3-Dichloropropane                     | 4660             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 1,4-Dichlorobenzene (p-Dichlorobenzene) | 4620             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | 1,4-Dioxane (1,4-Diethyleneoxide)       | 4735             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 2,2-Dichloropropane                     | 4665             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 2-Butanone (Methyl ethyl ketone, MEK)   | 4410             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 2-Chloroethyl vinyl ether               | 4500             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | 2-Chlorotoluene                         | 4535             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 2-Hexanone                              | 4860             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 4-Chlorotoluene                         | 4540             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | 4-Methyl-2-pentanone (MIBK)             | 4995             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Acetone                                 | 4315             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Acetonitrile                            | 4320             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Acrolein (Propenal)                     | 4325             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Acrylonitrile                           | 4340             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Allyl chloride (3-Chloropropene)        | 4355             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Benzene                                 | 4375             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Bromobenzene                            | 4385             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Bromodichloromethane                    | 4395             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Bromoform                               | 4400             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Carbon disulfide                        | 4450             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Carbon tetrachloride                    | 4455             | NELAP              | FL            | 01/16/2019     |

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## Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 021-001 expiration date 06/30/2026. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

**Microbac Laboratories, Inc.- Marietta Division**  
158 Starlite Drive  
Marietta, OH 45750  
(740) 373-4071

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method    | Revision | TNI Method Code | Analyte                                       | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|-----------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 624.1 |          | 10298121        | Chlorobenzene                                 | 4475             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Chloroethane                                  | 4485             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Chloroform                                    | 4505             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Cyclohexane                                   | 4555             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Dibromochloromethane                          | 4575             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Dibromomethane                                | 4595             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Dichlorodifluoromethane (Freon 12)            | 4625             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Diethyl ether (Ethyl ether)                   | 4725             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Diisopropyl ether (DIPE)                      | 9375             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Ethylbenzene                                  | 4765             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Hexachlorobutadiene (1,3-Hexachlorobutadiene) | 4835             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Isopropylbenzene (Cumene)                     | 4900             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Methyl bromide (Bromomethane)                 | 4950             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Methyl chloride (Chloromethane)               | 4960             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Methyl tert-butyl ether (MTBE)                | 5000             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Methylcyclohexane                             | 4965             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Methylene chloride (Dichloromethane)          | 4975             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Naphthalene                                   | 5005             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Styrene                                       | 5100             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Tetrachloroethene (PCE, Perchloroethylene)    | 5115             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Tetrahydrofuran (THF)                         | 5120             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Toluene                                       | 5140             | NELAP              | FL            | 01/16/2019     |

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**Microbac Laboratories, Inc.- Marietta Division**  
158 Starlite Drive  
Marietta, OH 45750  
(740) 373-4071

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method    | Revision | TNI Method Code | Analyte                                                          | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|------------------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 624.1 |          | 10298121        | Trichloroethene (TCE, Trichloroethylene)                         | 5170             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Trichlorofluoromethane (Freon 11)                                | 5175             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Vinyl acetate                                                    | 5225             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | Vinyl chloride (Chloroethene)                                    | 5235             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | Xylenes, total                                                   | 5260             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | cis-1,2-Dichloroethene                                           | 4645             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | cis-1,3-Dichloropropene                                          | 4680             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | m+p-Xylene                                                       | 5240             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | n-Butylbenzene                                                   | 4435             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | n-Hexane                                                         | 4855             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | n-Propylbenzene                                                  | 5090             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | o-Xylene                                                         | 5250             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | p-Isopropyltoluene (4-Isopropyltoluene)                          | 4910             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | sec-Butylbenzene                                                 | 4440             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | tert-Butylbenzene                                                | 4445             | NELAP              | FL            | 06/25/2019     |
| EPA 624.1 |          | 10298121        | trans-1,2-Dichloroethene                                         | 4700             | NELAP              | FL            | 01/16/2019     |
| EPA 624.1 |          | 10298121        | trans-1,3-Dichloropropene                                        | 4685             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 1,2,4-Trichlorobenzene                                           | 5155             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 1,2-Diphenylhydrazine                                            | 6220             | NELAP              | FL            | 06/25/2019     |
| EPA 625.1 |          | 10300024        | 2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether) | 4659             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 2,4,6-Trichlorophenol                                            | 6840             | NELAP              | FL            | 01/16/2019     |

*Annmarie Beach*

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158 Starlite Drive  
Marietta, OH 45750  
(740) 373-4071

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method    | Revision | TNI Method Code | Analyte                                                 | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|---------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 625.1 |          | 10300024        | 2,4-Dichlorophenol                                      | 6000             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 2,4-Dimethylphenol                                      | 6130             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 2,4-Dinitrophenol                                       | 6175             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 2,4-Dinitrotoluene (2,4-DNT)                            | 6185             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 2,6-Dinitrotoluene (2,6-DNT)                            | 6190             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 2-Chloronaphthalene                                     | 5795             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 2-Chlorophenol                                          | 5800             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol) | 6360             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 2-Methylnaphthalene                                     | 6385             | NELAP              | FL            | 06/25/2019     |
| EPA 625.1 |          | 10300024        | 2-Methylphenol (o-Cresol)                               | 6400             | NELAP              | FL            | 06/25/2019     |
| EPA 625.1 |          | 10300024        | 2-Nitrophenol                                           | 6490             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 3+4-Methylphenol (m+p-Cresol)                           | 6412             | NELAP              | FL            | 06/25/2019     |
| EPA 625.1 |          | 10300024        | 3,3'-Dichlorobenzidine                                  | 5945             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 4-Bromophenyl phenyl ether                              | 5660             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 4-Chloro-3-methylphenol                                 | 5700             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 4-Chlorophenyl phenyl ether                             | 5825             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | 4-Nitrophenol                                           | 6500             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Acenaphthene                                            | 5500             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Acenaphthylene                                          | 5505             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Anthracene                                              | 5555             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Benzidine                                               | 5595             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Benzo[a]anthracene                                      | 5575             | NELAP              | FL            | 01/16/2019     |

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**Microbac Laboratories, Inc.- Marietta Division**  
158 Starlite Drive  
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(740) 373-4071

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method    | Revision | TNI Method Code | Analyte                                         | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|-------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 625.1 |          | 10300024        | Benzo[a]pyrene                                  | 5580             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Benzo[b]fluoranthene                            | 5585             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Benzo[ghi]perylene                              | 5590             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Benzo[k]fluoranthene                            | 5600             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Butyl benzyl phthalate (Benzyl butyl phthalate) | 5670             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Carbazole                                       | 5680             | NELAP              | FL            | 06/25/2019     |
| EPA 625.1 |          | 10300024        | Chrysene (Benzo[a]phenanthrene)                 | 5855             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Di-n-butyl phthalate                            | 5925             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Di-n-octyl phthalate                            | 6200             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Dibenzo[a,h]anthracene                          | 5895             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Diethyl phthalate                               | 6070             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Dimethyl phthalate                              | 6135             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Fluoranthene                                    | 6265             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Fluorene                                        | 6270             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Hexachlorobenzene                               | 6275             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Hexachlorobutadiene (1,3-Hexachlorobutadiene)   | 4835             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Hexachlorocyclopentadiene                       | 6285             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Hexachloroethane                                | 4840             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Indeno(1,2,3-cd)pyrene                          | 6315             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Isophorone                                      | 6320             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | N-Nitrosodi-n-propylamine                       | 6545             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | N-Nitrosodimethylamine                          | 6530             | NELAP              | FL            | 01/16/2019     |

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**Microbac Laboratories, Inc.- Marietta Division**  
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**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
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### Matrix: Non-Potable Water

| Method    | Revision | TNI Method Code | Analyte                                                  | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------|----------|-----------------|----------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 625.1 |          | 10300024        | N-Nitrosodiphenylamine                                   | 6535             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Naphthalene                                              | 5005             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Nitrobenzene                                             | 5015             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Pentachlorophenol (PCP)                                  | 6605             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Phenanthrene                                             | 6615             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Phenol                                                   | 6625             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | Pyrene                                                   | 6665             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | bis(2-Chloroethoxy)methane                               | 5760             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | bis(2-Chloroethyl) ether                                 | 5765             | NELAP              | FL            | 01/16/2019     |
| EPA 625.1 |          | 10300024        | bis(2-Ethylhexyl) phthalate (DEHP)                       | 6065             | NELAP              | FL            | 06/25/2019     |
| EPA 6850  |          | 10304606        | Perchlorate                                              | 1895             | NELAP              | FL            | 06/24/2013     |
| EPA 7196  | A        | 10162400        | Chromium VI                                              | 1045             | NELAP              | FL            | 05/11/2023     |
| EPA 7470  | A        | 10165807        | Mercury                                                  | 1095             | NELAP              | FL            | 05/11/2023     |
| EPA 8011  |          | 10173009        | 1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane) | 4570             | NELAP              | FL            | 06/15/2009     |
| EPA 8011  |          | 10173009        | 1,2-Dibromoethane (EDB, Ethylene dibromide)              | 4585             | NELAP              | FL            | 06/15/2009     |
| EPA 8015  | C        | 10173805        | Diesel-range organics (DRO)                              | 9369             | NELAP              | FL            | 06/16/2006     |
| EPA 8015  | C        | 10173805        | Ethanol                                                  | 4750             | NELAP              | FL            | 06/15/2009     |
| EPA 8015  | C        | 10173805        | Ethylene glycol                                          | 4785             | NELAP              | FL            | 11/24/2015     |
| EPA 8015  | C        | 10173805        | Gasoline-range organics (GRO)                            | 9408             | NELAP              | FL            | 06/16/2006     |
| EPA 8015  | C        | 10173805        | Isobutyl alcohol (2-Methyl-1-propanol)                   | 4875             | NELAP              | FL            | 06/25/2019     |
| EPA 8015  | C        | 10173805        | Isopropyl alcohol (2-Propanol)                           | 4895             | NELAP              | FL            | 06/15/2009     |

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### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|----------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8015 | C        | 10173805        | Methanol                               | 4930             | NELAP              | FL            | 06/15/2009     |
| EPA 8015 | C        | 10173805        | Propylene glycol                       | 6657             | NELAP              | FL            | 06/24/2013     |
| EPA 8015 | C        | 10173805        | n-Butyl alcohol (n-Butanol, 1-Butanol) | 4425             | NELAP              | FL            | 06/25/2019     |
| EPA 8015 | D        | 10305609        | Diesel-range organics (DRO)            | 9369             | NELAP              | FL            | 05/11/2023     |
| EPA 8015 | D        | 10305609        | Ethanol                                | 4750             | NELAP              | FL            | 05/11/2023     |
| EPA 8015 | D        | 10305609        | Ethylene glycol                        | 4785             | NELAP              | FL            | 05/11/2023     |
| EPA 8015 | D        | 10305609        | Gasoline-range organics (GRO)          | 9408             | NELAP              | FL            | 05/11/2023     |
| EPA 8015 | D        | 10305609        | Isobutyl alcohol (2-Methyl-1-propanol) | 4875             | NELAP              | FL            | 05/11/2023     |
| EPA 8015 | D        | 10305609        | Isopropyl alcohol (2-Propanol)         | 4895             | NELAP              | FL            | 05/11/2023     |
| EPA 8015 | D        | 10305609        | Methanol                               | 4930             | NELAP              | FL            | 05/11/2023     |
| EPA 8015 | D        | 10305609        | Propylene glycol                       | 6657             | NELAP              | FL            | 05/11/2023     |
| EPA 8015 | D        | 10305609        | n-Butyl alcohol (n-Butanol, 1-Butanol) | 4425             | NELAP              | FL            | 05/11/2023     |
| EPA 8081 | A        | 10178606        | 4,4'-DDD                               | 7355             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | 4,4'-DDE                               | 7360             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | 4,4'-DDT                               | 7365             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Aldrin (HHDN)                          | 7025             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Chlordane (tech.)                      | 7250             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Dieldrin                               | 7470             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Endosulfan I                           | 7510             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Endosulfan II                          | 7515             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Endosulfan sulfate                     | 7520             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Endrin                                 | 7540             | NELAP              | FL            | 06/16/2006     |

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### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                          | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|--------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8081 | A        | 10178606        | Endrin aldehyde                                  | 7530             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Endrin ketone                                    | 7535             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Heptachlor                                       | 7685             | NELAP              | FL            | 07/07/2009     |
| EPA 8081 | A        | 10178606        | Heptachlor epoxide                               | 7690             | NELAP              | FL            | 07/07/2009     |
| EPA 8081 | A        | 10178606        | Methoxychlor                                     | 7810             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Toxaphene (Chlorinated camphene)                 | 8250             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | alpha-BHC (alpha-Hexachlorocyclohexane)          | 7110             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | alpha-Chlordane                                  | 7240             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | beta-BHC (beta-Hexachlorocyclohexane)            | 7115             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | delta-BHC (delta-Hexachlorocyclohexane)          | 7105             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | gamma-BHC (Lindane, gamma-Hexachlorocyclohexane) | 7120             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | gamma-Chlordane                                  | 7245             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | 4,4'-DDD                                         | 7355             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | 4,4'-DDE                                         | 7360             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | 4,4'-DDT                                         | 7365             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Aldrin (HHDN)                                    | 7025             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Chlordane (tech.)                                | 7250             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Dieldrin                                         | 7470             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Endosulfan I                                     | 7510             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Endosulfan II                                    | 7515             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Endosulfan sulfate                               | 7520             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Endrin                                           | 7540             | NELAP              | FL            | 06/16/2006     |

*Ammerie Beach*

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## Laboratory Scope of Accreditation



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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                          | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|--------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8081 | B        | 10178811        | Endrin aldehyde                                  | 7530             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Endrin ketone                                    | 7535             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Heptachlor                                       | 7685             | NELAP              | FL            | 07/07/2009     |
| EPA 8081 | B        | 10178811        | Heptachlor epoxide                               | 7690             | NELAP              | FL            | 07/07/2009     |
| EPA 8081 | B        | 10178811        | Methoxychlor                                     | 7810             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Toxaphene (Chlorinated camphene)                 | 8250             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | alpha-BHC (alpha-Hexachlorocyclohexane)          | 7110             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | alpha-Chlordane                                  | 7240             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | beta-BHC (beta-Hexachlorocyclohexane)            | 7115             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | delta-BHC (delta-Hexachlorocyclohexane)          | 7105             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | gamma-BHC (Lindane, gamma-Hexachlorocyclohexane) | 7120             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | gamma-Chlordane                                  | 7245             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1016 (PCB-1016)                          | 8880             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1221 (PCB-1221)                          | 8885             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1232 (PCB-1232)                          | 8890             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1242 (PCB-1242)                          | 8895             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1248 (PCB-1248)                          | 8900             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1254 (PCB-1254)                          | 8905             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1260 (PCB-1260)                          | 8910             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1262 (PCB-1262)                          | 8912             | NELAP              | FL            | 06/24/2013     |
| EPA 8082 | A        | 10179201        | Aroclor-1268 (PCB-1268)                          | 8913             | NELAP              | FL            | 06/24/2013     |
| EPA 8151 | A        | 10183207        | 2,4,5-T                                          | 8655             | NELAP              | FL            | 06/16/2006     |

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## Laboratory Scope of Accreditation



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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                           | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|---------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8151 | A        | 10183207        | 2,4,5-TP (Silvex)                                 | 8650             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | 2,4-D                                             | 8545             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | 2,4-DB (Butoxon)                                  | 8560             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | Dalapon (2,2-Dichloropropionic acid)              | 8555             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | Dicamba                                           | 8595             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | Dichloroprop (Dichlorprop)                        | 8605             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)     | 8620             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | MCPA                                              | 7775             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | MCPP (Mecoprop)                                   | 7780             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | Pentachlorophenol (PCP)                           | 6605             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,1,1,2-Tetrachloroethane                         | 5105             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,1,1-Trichloroethane                             | 5160             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,1,2,2-Tetrachloroethane                         | 5110             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 5185             | NELAP              | FL            | 06/25/2019     |
| EPA 8260 | B        | 10184802        | 1,1,2-Trichloroethane                             | 5165             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,1-Dichloroethane                                | 4630             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,1-Dichloroethene (1,1-Dichloroethylene)         | 4640             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,1-Dichloropropene                               | 4670             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2,3-Trichlorobenzene                            | 5150             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2,3-Trichloropropane (1,2,3-TCP)                | 5180             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2,4-Trichlorobenzene                            | 5155             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2,4-Trimethylbenzene                            | 5210             | NELAP              | FL            | 06/16/2006     |

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**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                                  | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|----------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | B        | 10184802        | 1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane) | 4570             | NELAP              | FL            | 07/07/2009     |
| EPA 8260 | B        | 10184802        | 1,2-Dibromoethane (EDB, Ethylene dibromide)              | 4585             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2-Dichlorobenzene (o-Dichlorobenzene)                  | 4610             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2-Dichloroethane                                       | 4635             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2-Dichloropropane                                      | 4655             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,3,5-Trimethylbenzene                                   | 5215             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,3-Dichlorobenzene (m-Dichlorobenzene)                  | 4615             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,3-Dichloropropane                                      | 4660             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,4-Dichlorobenzene (p-Dichlorobenzene)                  | 4620             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,4-Dioxane (1,4-Diethyleneoxide)                        | 4735             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1-Chlorohexane                                           | 4510             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 2,2-Dichloropropane                                      | 4665             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 2-Butanone (Methyl ethyl ketone, MEK)                    | 4410             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 2-Chloroethyl vinyl ether                                | 4500             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 2-Chlorotoluene                                          | 4535             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 2-Hexanone                                               | 4860             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 2-Nitropropane                                           | 5020             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 4-Chlorotoluene                                          | 4540             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 4-Methyl-2-pentanone (MIBK)                              | 4995             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Acetone                                                  | 4315             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Acetonitrile                                             | 4320             | NELAP              | FL            | 06/16/2006     |

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### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                              | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|--------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | B        | 10184802        | Acrolein (Propenal)                  | 4325             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Acrylonitrile                        | 4340             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Allyl chloride (3-Chloropropene)     | 4355             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Benzene                              | 4375             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Bromobenzene                         | 4385             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Bromochloromethane                   | 4390             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Bromodichloromethane                 | 4395             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Bromoform                            | 4400             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Carbon disulfide                     | 4450             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Carbon tetrachloride                 | 4455             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Chlorobenzene                        | 4475             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Chloroethane                         | 4485             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Chloroform                           | 4505             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Chloroprene (2-Chloro-1,3-butadiene) | 4525             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Cyclohexane                          | 4555             | NELAP              | FL            | 06/20/2018     |
| EPA 8260 | B        | 10184802        | Dibromochloromethane                 | 4575             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Dibromomethane                       | 4595             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Dichlorodifluoromethane (Freon 12)   | 4625             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Diethyl ether (Ethyl ether)          | 4725             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Diisopropyl ether (DIPE)             | 9375             | NELAP              | FL            | 06/25/2019     |
| EPA 8260 | B        | 10184802        | Ethyl acetate                        | 4755             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Ethyl methacrylate                   | 4810             | NELAP              | FL            | 06/16/2006     |

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**DEP Laboratory ID: 68-01670**  
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**TNI Code: TNI00498**  
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### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                       | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | B        | 10184802        | Ethyl tert-butyl ether (ETBE)                 | 4770             | NELAP              | FL            | 06/25/2019     |
| EPA 8260 | B        | 10184802        | Ethylbenzene                                  | 4765             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Hexachlorobutadiene (1,3-Hexachlorobutadiene) | 4835             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Iodomethane (Methyl iodide)                   | 4870             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Isobutyl alcohol (2-Methyl-1-propanol)        | 4875             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Isopropylbenzene (Cumene)                     | 4900             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Methacrylonitrile                             | 4925             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Methyl acetate                                | 4940             | NELAP              | FL            | 06/25/2019     |
| EPA 8260 | B        | 10184802        | Methyl bromide (Bromomethane)                 | 4950             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Methyl chloride (Chloromethane)               | 4960             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Methyl tert-butyl ether (MTBE)                | 5000             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Methylene chloride (Dichloromethane)          | 4975             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Methylmethacrylate                            | 4990             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Naphthalene                                   | 5005             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Propionitrile (Ethyl cyanide)                 | 5080             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Styrene                                       | 5100             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Tetrachloroethene (PCE, Perchloroethylene)    | 5115             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Toluene                                       | 5140             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Trichloroethene (TCE, Trichloroethylene)      | 5170             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Trichlorofluoromethane (Freon 11)             | 5175             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Vinyl acetate                                 | 5225             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Vinyl chloride (Chloroethene)                 | 5235             | NELAP              | FL            | 06/16/2006     |

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**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
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### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                           | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|---------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | B        | 10184802        | Xylenes, total                                    | 5260             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | cis-1,2-Dichloroethene                            | 4645             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | cis-1,3-Dichloropropene                           | 4680             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | m+p-Xylene                                        | 5240             | NELAP              | FL            | 11/24/2015     |
| EPA 8260 | B        | 10184802        | n-Butylbenzene                                    | 4435             | NELAP              | FL            | 07/07/2009     |
| EPA 8260 | B        | 10184802        | n-Propylbenzene                                   | 5090             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | o-Xylene                                          | 5250             | NELAP              | FL            | 11/24/2015     |
| EPA 8260 | B        | 10184802        | p-Isopropyltoluene (4-Isopropyltoluene)           | 4910             | NELAP              | FL            | 07/07/2009     |
| EPA 8260 | B        | 10184802        | sec-Butylbenzene                                  | 4440             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | tert-Amyl methyl ether (TAME)                     | 4370             | NELAP              | FL            | 06/25/2019     |
| EPA 8260 | B        | 10184802        | tert-Butyl alcohol (2-Methyl-2-propanol)          | 4420             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | tert-Butylbenzene                                 | 4445             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | trans-1,2-Dichloroethene                          | 4700             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | trans-1,3-Dichloropropene                         | 4685             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | trans-1,4-Dichloro-2-butene                       | 4605             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | D        | 10307127        | 1,1,1,2-Tetrachloroethane                         | 5105             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,1,1-Trichloroethane                             | 5160             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 5185             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,1,2-Trichloroethane                             | 5165             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,1-Dichloroethane                                | 4630             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,1-Dichloroethene (1,1-Dichloroethylene)         | 4640             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,1-Dichloropropene                               | 4670             | NELAP              | FL            | 05/11/2023     |

*Ammarie Beach*

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## Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 021-001 expiration date 06/30/2026. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

**Microbac Laboratories, Inc.- Marietta Division**  
158 Starlite Drive  
Marietta, OH 45750  
(740) 373-4071

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                                  | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|----------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | D        | 10307127        | 1,2,3-Trichlorobenzene                                   | 5150             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2,3-Trichloropropane (1,2,3-TCP)                       | 5180             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2,4-Trichlorobenzene                                   | 5155             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2,4-Trimethylbenzene                                   | 5210             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane) | 4570             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2-Dibromoethane (EDB, Ethylene dibromide)              | 4585             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2-Dichlorobenzene (o-Dichlorobenzene)                  | 4610             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2-Dichloroethane                                       | 4635             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2-Dichloropropane                                      | 4655             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,3,5-Trichlorobenzene                                   | 6800             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,3-Butadiene (Divinyl)                                  | 9318             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,3-Dichlorobenzene (m-Dichlorobenzene)                  | 4615             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,3-Dichloropropane                                      | 4660             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,4-Dichlorobenzene (p-Dichlorobenzene)                  | 4620             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,4-Dioxane (1,4-Diethyleneoxide)                        | 4735             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1-Chlorohexane                                           | 4510             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 2,2-Dichloropropane                                      | 4665             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 2-Butanone (Methyl ethyl ketone, MEK)                    | 4410             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 2-Chloroethyl vinyl ether                                | 4500             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 2-Chlorotoluene                                          | 4535             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 2-Hexanone                                               | 4860             | NELAP              | FL            | 05/11/2023     |

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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                              | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|--------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | D        | 10307127        | 2-Nitropropane                       | 5020             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 4-Chlorotoluene                      | 4540             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 4-Methyl-2-pentanone (MIBK)          | 4995             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Acetone                              | 4315             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Acetonitrile                         | 4320             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Acrolein (Propenal)                  | 4325             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Acrylonitrile                        | 4340             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Allyl chloride (3-Chloropropene)     | 4355             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Benzene                              | 4375             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Bromobenzene                         | 4385             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Bromochloromethane                   | 4390             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Bromodichloromethane                 | 4395             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Bromoform                            | 4400             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Carbon disulfide                     | 4450             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Carbon tetrachloride                 | 4455             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Chlorobenzene                        | 4475             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Chloroethane                         | 4485             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Chloroform                           | 4505             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Chloroprene (2-Chloro-1,3-butadiene) | 4525             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Cyclohexane                          | 4555             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Cyclohexanone                        | 4560             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Dibromochloromethane                 | 4575             | NELAP              | FL            | 05/11/2023     |

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**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                       | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | D        | 10307127        | Dibromomethane                                | 4595             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Dichlorodifluoromethane (Freon 12)            | 4625             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Diethyl ether (Ethyl ether)                   | 4725             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Diisopropyl ether (DIPE)                      | 9375             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Dimethyl disulfide                            | 4729             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Dimethyl sulfide                              | 6116             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Ethyl acetate                                 | 4755             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Ethyl methacrylate                            | 4810             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Ethyl tert-butyl ether (ETBE)                 | 4770             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Ethylbenzene                                  | 4765             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Hexachlorobutadiene (1,3-Hexachlorobutadiene) | 4835             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Iodomethane (Methyl iodide)                   | 4870             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Isobutyl alcohol (2-Methyl-1-propanol)        | 4875             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Isopropylbenzene (Cumene)                     | 4900             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methacrylonitrile                             | 4925             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methyl acetate                                | 4940             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methyl bromide (Bromomethane)                 | 4950             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methyl chloride (Chloromethane)               | 4960             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methyl tert-butyl ether (MTBE)                | 5000             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methylene chloride (Dichloromethane)          | 4975             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methylmethacrylate                            | 4990             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Naphthalene                                   | 5005             | NELAP              | FL            | 05/11/2023     |

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**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                    | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|--------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | D        | 10307127        | Propionitrile (Ethyl cyanide)              | 5080             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Tetrachloroethene (PCE, Perchloroethylene) | 5115             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Tetrahydrofuran (THF)                      | 5120             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Toluene                                    | 5140             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Trichloroethene (TCE, Trichloroethylene)   | 5170             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Trichlorofluoromethane (Freon 11)          | 5175             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Vinyl acetate                              | 5225             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Vinyl chloride (Chloroethene)              | 5235             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Xylenes, total                             | 5260             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | cis-1,2-Dichloroethene                     | 4645             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | cis-1,3-Dichloropropene                    | 4680             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | m+p-Xylene                                 | 5240             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | n-Butylbenzene                             | 4435             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | n-Propylbenzene                            | 5090             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | o-Xylene                                   | 5250             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | p-Isopropyltoluene (4-Isopropyltoluene)    | 4910             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | sec-Butylbenzene                           | 4440             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | tert-Amyl methyl ether (TAME)              | 4370             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | tert-Butylbenzene                          | 4445             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | trans-1,2-Dichloroethene                   | 4700             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | trans-1,3-Dichloropropene                  | 4685             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | trans-1,4-Dichloro-2-butene                | 4605             | NELAP              | FL            | 05/11/2023     |

*Annmarie Beach*

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## Laboratory Scope of Accreditation



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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                                          | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|------------------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | D        | 10186002        | 1,1'-Biphenyl (Biphenyl, Lemonene)                               | 6703             | NELAP              | FL            | 08/03/2017     |
| EPA 8270 | D        | 10186002        | 1,2,4,5-Tetrachlorobenzene                                       | 6715             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1,2,4-Trichlorobenzene                                           | 5155             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1,2-Dichlorobenzene (o-Dichlorobenzene)                          | 4610             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1,2-Diphenylhydrazine                                            | 6220             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1,3-Dichlorobenzene (m-Dichlorobenzene)                          | 4615             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1,4-Dichlorobenzene (p-Dichlorobenzene)                          | 4620             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1,4-Naphthoquinone                                               | 6420             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1,4-Phenylenediamine                                             | 6630             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1-Methylnaphthalene                                              | 6380             | NELAP              | FL            | 06/25/2019     |
| EPA 8270 | D        | 10186002        | 1-Naphthylamine (alpha-Naphthylamine)                            | 6425             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether) | 4659             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,3,4,6-Tetrachlorophenol                                        | 6735             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,4,5-Trichlorophenol                                            | 6835             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,4,6-Trichlorophenol                                            | 6840             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,4-Dichlorophenol                                               | 6000             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,4-Dimethylphenol                                               | 6130             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,4-Dinitrophenol                                                | 6175             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,4-Dinitrotoluene (2,4-DNT)                                     | 6185             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,6-Dichlorophenol                                               | 6005             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,6-Dinitrotoluene (2,6-DNT)                                     | 6190             | NELAP              | FL            | 06/16/2006     |

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### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                                 | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|---------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | D        | 10186002        | 2-Acetylaminofluorene                                   | 5515             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Chloronaphthalene                                     | 5795             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Chlorophenol                                          | 5800             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol) | 6360             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Methylnaphthalene                                     | 6385             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Methylphenol (o-Cresol)                               | 6400             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Naphthylamine (beta-Naphthylamine)                    | 6430             | NELAP              | FL            | 06/15/2009     |
| EPA 8270 | D        | 10186002        | 2-Nitroaniline                                          | 6460             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Nitrophenol                                           | 6490             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Picoline (2-Methylpyridine)                           | 5050             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 3+4-Methylphenol (m+p-Cresol)                           | 6412             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 3,3'-Dichlorobenzidine                                  | 5945             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 3,3'-Dimethylbenzidine                                  | 6120             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 3-Methylcholanthrene                                    | 6355             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 3-Nitroaniline                                          | 6465             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Aminobiphenyl                                         | 5540             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Bromophenyl phenyl ether                              | 5660             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Chloro-3-methylphenol                                 | 5700             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Chloroaniline                                         | 5745             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Chlorophenyl phenyl ether                             | 5825             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Dimethylaminoazobenzene (Dimethylaminoazobenzene)     | 6105             | NELAP              | FL            | 06/16/2006     |

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**DEP Laboratory ID: 68-01670**  
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### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                         | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | D        | 10186002        | 4-Nitroaniline                                  | 6470             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Nitrophenol                                   | 6500             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Nitroquinoline-1-oxide                        | 6510             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 5-Nitro-o-toluidine                             | 6570             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 7,12-Dimethylbenz(a)anthracene                  | 6115             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Acenaphthene                                    | 5500             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Acenaphthylene                                  | 5505             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Acetophenone                                    | 5510             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Aniline                                         | 5545             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Anthracene                                      | 5555             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Aramite                                         | 5560             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Atrazine                                        | 7065             | NELAP              | FL            | 06/25/2019     |
| EPA 8270 | D        | 10186002        | Benzaldehyde                                    | 5570             | NELAP              | FL            | 06/25/2019     |
| EPA 8270 | D        | 10186002        | Benzidine                                       | 5595             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Benzo[a]anthracene                              | 5575             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Benzo[a]pyrene                                  | 5580             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Benzo[b]fluoranthene                            | 5585             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Benzo[ghi]perylene                              | 5590             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Benzo[k]fluoranthene                            | 5600             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Benzoic acid                                    | 5610             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Benzyl alcohol                                  | 5630             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Butyl benzyl phthalate (Benzyl butyl phthalate) | 5670             | NELAP              | FL            | 06/16/2006     |

*Ammerie Beach*

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## Laboratory Scope of Accreditation



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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                       | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | D        | 10186002        | Carbazole                                     | 5680             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Chlorobenzilate                               | 7260             | NELAP              | FL            | 07/07/2009     |
| EPA 8270 | D        | 10186002        | Chrysene (Benzo[a]phenanthrene)               | 5855             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Di-n-butyl phthalate                          | 5925             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Di-n-octyl phthalate                          | 6200             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Diallate (cis or trans)                       | 7405             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Dibenzo[a,h]anthracene                        | 5895             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Dibenzofuran                                  | 5905             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Diethyl phthalate                             | 6070             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Dimethoate                                    | 7475             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Dimethyl phthalate                            | 6135             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Disulfoton                                    | 8625             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Ethyl methanesulfonate                        | 6260             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Famphur                                       | 7580             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Fluoranthene                                  | 6265             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Fluorene                                      | 6270             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Hexachlorobenzene                             | 6275             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Hexachlorobutadiene (1,3-Hexachlorobutadiene) | 4835             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Hexachlorocyclopentadiene                     | 6285             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Hexachloroethane                              | 4840             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Hexachlorophene                               | 6290             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Hexachloropropene                             | 6295             | NELAP              | FL            | 06/16/2006     |

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**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                       | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | D        | 10186002        | Indeno(1,2,3-cd)pyrene                        | 6315             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Isodrin                                       | 7725             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Isophorone                                    | 6320             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Isosafrole                                    | 6325             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Kepone                                        | 7740             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Methapyrilene                                 | 6345             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Methyl methanesulfonate                       | 6375             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Methyl parathion (Parathion, methyl)          | 7825             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosodi-n-butylamine                      | 5025             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosodi-n-propylamine                     | 6545             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosodiethylamine                         | 6525             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosodimethylamine                        | 6530             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosodiphenylamine                        | 6535             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosomorpholine                           | 6555             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosopiperidine                           | 6560             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosopyrrolidine                          | 6565             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Naphthalene                                   | 5005             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Nitrobenzene                                  | 5015             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | O,O,O-Triethyl phosphorothioate               | 8290             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Parathion, ethyl (Ethyl parathion, Parathion) | 7955             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Pentachlorobenzene                            | 6590             | NELAP              | FL            | 06/25/2019     |
| EPA 8270 | D        | 10186002        | Pentachloroethane                             | 5035             | NELAP              | FL            | 06/25/2019     |

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**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                    | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|--------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | D        | 10186002        | Pentachloronitrobenzene (PCNB)             | 6600             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Pentachlorophenol (PCP)                    | 6605             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Phenacetin                                 | 6610             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Phenanthrene                               | 6615             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Phenol                                     | 6625             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Phorate (Thimet)                           | 7985             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Pronamide (Kerb)                           | 6650             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Pyrene                                     | 6665             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Pyridine                                   | 5095             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Safrole                                    | 6685             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Sulfotepp (Tetraethyl dithiopyrophosphate) | 8155             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Thionazine (Thionazin, Zinophos)           | 8235             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | a,a-Dimethylphenethylamine (Phentermine)   | 6125             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | bis(2-Chloroethoxy)methane                 | 5760             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | bis(2-Chloroethyl) ether                   | 5765             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | bis(2-Ethylhexyl) phthalate (DEHP)         | 6065             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | o-Toluidine (2-Toluidine, 2-Methylaniline) | 5145             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | E        | 10242543        | 1,1'-Biphenyl (Biphenyl, Lemonene)         | 6703             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,2,4,5-Tetrachlorobenzene                 | 6715             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,2,4-Trichlorobenzene                     | 5155             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,2-Dichlorobenzene (o-Dichlorobenzene)    | 4610             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,2-Diphenylhydrazine                      | 6220             | NELAP              | FL            | 05/11/2023     |

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**158 Starlite Drive**  
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**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                                          | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|------------------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | E        | 10242543        | 1,3-Dichlorobenzene (m-Dichlorobenzene)                          | 4615             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,4-Dichlorobenzene (p-Dichlorobenzene)                          | 4620             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,4-Naphthoquinone                                               | 6420             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,4-Phenylenediamine                                             | 6630             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1-Methylnaphthalene                                              | 6380             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1-Naphthylamine (alpha-Naphthylamine)                            | 6425             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether) | 4659             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,3,4,6-Tetrachlorophenol                                        | 6735             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,4,5-Trichlorophenol                                            | 6835             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,4,6-Trichlorophenol                                            | 6840             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,4-Dichlorophenol                                               | 6000             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,4-Dimethylphenol                                               | 6130             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,4-Dinitrophenol                                                | 6175             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,4-Dinitrotoluene (2,4-DNT)                                     | 6185             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,6-Dichlorophenol                                               | 6005             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,6-Dinitrotoluene (2,6-DNT)                                     | 6190             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Acetylaminofluorene                                            | 5515             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Chloronaphthalene                                              | 5795             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Chlorophenol                                                   | 5800             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)          | 6360             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Methylnaphthalene                                              | 6385             | NELAP              | FL            | 05/11/2023     |

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**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                             | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | E        | 10242543        | 2-Methylphenol (o-Cresol)                           | 6400             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Naphthylamine (beta-Naphthylamine)                | 6430             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Nitroaniline                                      | 6460             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Nitrophenol                                       | 6490             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Picoline (2-Methylpyridine)                       | 5050             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 3+4-Methylphenol (m+p-Cresol)                       | 6412             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 3,3'-Dichlorobenzidine                              | 5945             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 3,3'-Dimethylbenzidine                              | 6120             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 3-Methylcholanthrene                                | 6355             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 3-Nitroaniline                                      | 6465             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Aminobiphenyl                                     | 5540             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Bromophenyl phenyl ether                          | 5660             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Chloro-3-methylphenol                             | 5700             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Chloroaniline                                     | 5745             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Chlorophenyl phenyl ether                         | 5825             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Dimethylaminoazobenzene (Dimethylaminoazobenzene) | 6105             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Nitroaniline                                      | 6470             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Nitrophenol                                       | 6500             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Nitroquinoline-1-oxide                            | 6510             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 5-Nitro-o-toluidine                                 | 6570             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 7,12-Dimethylbenz(a)anthracene                      | 6115             | NELAP              | FL            | 05/11/2023     |

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**DEP Laboratory ID: 68-01670**  
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### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                         | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | E        | 10242543        | Acenaphthene                                    | 5500             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Acenaphthylene                                  | 5505             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Acetophenone                                    | 5510             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Aniline                                         | 5545             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Anthracene                                      | 5555             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Aramite                                         | 5560             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Atrazine                                        | 7065             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzaldehyde                                    | 5570             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzidine                                       | 5595             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzo[a]anthracene                              | 5575             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzo[a]pyrene                                  | 5580             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzo[b]fluoranthene                            | 5585             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzo[ghi]perylene                              | 5590             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzo[k]fluoranthene                            | 5600             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzoic acid                                    | 5610             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzyl alcohol                                  | 5630             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Butyl benzyl phthalate (Benzyl butyl phthalate) | 5670             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Carbazole                                       | 5680             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Chlorobenzilate                                 | 7260             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Chrysene (Benzo[a]phenanthrene)                 | 5855             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Di-n-butyl phthalate                            | 5925             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Di-n-octyl phthalate                            | 6200             | NELAP              | FL            | 05/11/2023     |

*Annmarie Beach*

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## Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 021-001 expiration date 06/30/2026. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                       | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | E        | 10242543        | Diallate (cis or trans)                       | 7405             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Dibenz[a,h]acridine                           | 9354             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Dibenzofuran                                  | 5905             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Diethyl phthalate                             | 6070             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Dimethoate                                    | 7475             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Dimethyl phthalate                            | 6135             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Disulfoton                                    | 8625             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Ethyl methanesulfonate                        | 6260             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Famphur                                       | 7580             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Fluoranthene                                  | 6265             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Fluorene                                      | 6270             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Hexachlorobenzene                             | 6275             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Hexachlorobutadiene (1,3-Hexachlorobutadiene) | 4835             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Hexachlorocyclopentadiene                     | 6285             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Hexachloroethane                              | 4840             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Hexachlorophene                               | 6290             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Hexachloropropene                             | 6295             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Indeno(1,2,3-cd)pyrene                        | 6315             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Isodrin                                       | 7725             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Isophorone                                    | 6320             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Isosafrole                                    | 6325             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Kepone                                        | 7740             | NELAP              | FL            | 05/11/2023     |

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**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method   | Revision | TNI Method Code | Analyte                                       | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | E        | 10242543        | Methapyrilene                                 | 6345             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Methyl methanesulfonate                       | 6375             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Methyl parathion (Parathion, methyl)          | 7825             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosodi-n-butylamine                      | 5025             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosodi-n-propylamine                     | 6545             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosodiethylamine                         | 6525             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosodimethylamine                        | 6530             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosodiphenylamine                        | 6535             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosomethylethylamine                     | 6550             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosomorpholine                           | 6555             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosopiperidine                           | 6560             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosopyrrolidine                          | 6565             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Naphthalene                                   | 5005             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Nitrobenzene                                  | 5015             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | O,O,O-Triethyl phosphorothioate               | 8290             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Parathion, ethyl (Ethyl parathion, Parathion) | 7955             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Pentachlorobenzene                            | 6590             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Pentachloroethane                             | 5035             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Pentachloronitrobenzene (PCNB)                | 6600             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Pentachlorophenol (PCP)                       | 6605             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Phenanthrene                                  | 6615             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Phenol                                        | 6625             | NELAP              | FL            | 05/11/2023     |

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**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method       | Revision | TNI Method Code | Analyte                                    | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|--------------|----------|-----------------|--------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270     | E        | 10242543        | Phorate (Thimet)                           | 7985             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | Pronamide (Kerb)                           | 6650             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | Pyrene                                     | 6665             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | Pyridine                                   | 5095             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | Safrole                                    | 6685             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | Sulfotepp (Tetraethyl dithiopyrophosphate) | 8155             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | Thionazine (Thionazin, Zinophos)           | 8235             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | a,a-Dimethylphenethylamine (Phentermine)   | 6125             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | alpha-Terpineol                            | 6700             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | bis(2-Chloroethoxy)methane                 | 5760             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | bis(2-Chloroethyl) ether                   | 5765             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | bis(2-Ethylhexyl) phthalate (DEHP)         | 6065             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | o-Toluidine (2-Toluidine, 2-Methylaniline) | 5145             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 SIM | D        | 10242509        | 1,4-Dioxane (1,4-Diethyleneoxide)          | 4735             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Acenaphthene                               | 5500             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Acenaphthylene                             | 5505             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Anthracene                                 | 5555             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Benzo[a]anthracene                         | 5575             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Benzo[a]pyrene                             | 5580             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Benzo[b]fluoranthene                       | 5585             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Benzo[ghi]perylene                         | 5590             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Benzo[k]fluoranthene                       | 5600             | NELAP              | PA            | 03/02/2016     |

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## Laboratory Scope of Accreditation



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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method       | Revision | TNI Method Code | Analyte                           | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|--------------|----------|-----------------|-----------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 SIM | D        | 10242509        | Chrysene (Benzo[a]phenanthrene)   | 5855             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Dibenzo[a,h]anthracene            | 5895             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Fluoranthene                      | 6265             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Fluorene                          | 6270             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Indeno(1,2,3-cd)pyrene            | 6315             | NELAP              | PA            | 07/06/2022     |
| EPA 8270 SIM | D        | 10242509        | Naphthalene                       | 5005             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Phenanthrene                      | 6615             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Pyrene                            | 6665             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | E        | 10242565        | 1,4-Dioxane (1,4-Diethyleneoxide) | 4735             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Acenaphthene                      | 5500             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Acenaphthylene                    | 5505             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Anthracene                        | 5555             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Benzo[a]anthracene                | 5575             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Benzo[a]pyrene                    | 5580             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Benzo[b]fluoranthene              | 5585             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Benzo[ghi]perylene                | 5590             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Benzo[k]fluoranthene              | 5600             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Chrysene (Benzo[a]phenanthrene)   | 5855             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Dibenzo[a,h]anthracene            | 5895             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Fluoranthene                      | 6265             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Fluorene                          | 6270             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Indeno(1,2,3-cd)pyrene            | 6315             | NELAP              | PA            | 05/11/2023     |

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## Laboratory Scope of Accreditation



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Microbac Laboratories, Inc.- Marietta Division  
158 Starlite Drive  
Marietta, OH 45750  
(740) 373-4071

DEP Laboratory ID: 68-01670  
EPA Lab Code: OH00218  
TNI Code: TNI00498  
PADWIS ID: 01670

### Matrix: Non-Potable Water

| Method       | Revision | TNI Method Code | Analyte                                                | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|--------------|----------|-----------------|--------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 SIM | E        | 10242565        | Naphthalene                                            | 5005             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Phenanthrene                                           | 6615             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Pyrene                                                 | 6665             | NELAP              | PA            | 05/11/2023     |
| EPA 8315     | A        | 10188008        | Acetaldehyde                                           | 4300             | NELAP              | FL            | 07/09/2015     |
| EPA 8315     | A        | 10188008        | Formaldehyde                                           | 4815             | NELAP              | FL            | 01/13/2011     |
| EPA 8315     | A        | 10188008        | Propanal (Propionaldehyde)                             | 3965             | NELAP              | FL            | 07/09/2015     |
| EPA 8330     | B        | 10308006        | 1,3,5-Trinitrobenzene (1,3,5-TNB)                      | 6885             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 1,3-Dinitrobenzene (1,3-DNB)                           | 6160             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 2,4,6-Trinitrotoluene (2,4,6-TNT)                      | 9651             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 2,4-Dinitrotoluene (2,4-DNT)                           | 6185             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 2,6-Dinitrotoluene (2,6-DNT)                           | 6190             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 2-Amino-4,6-dinitrotoluene (2-Am-DNT)                  | 9303             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 2-Nitrotoluene                                         | 9507             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 3-Nitrotoluene                                         | 9510             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 4-Amino-2,6-dinitrotoluene (4-Am-DNT)                  | 9306             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 4-Nitrotoluene                                         | 9513             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | Methyl-2,4,6-trinitrophenylnitramine (Tetryl)          | 6415             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | Nitrobenzene                                           | 5015             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | Nitroglycerin                                          | 6485             | NELAP              | FL            | 07/07/2009     |
| EPA 8330     | B        | 10308006        | Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) | 9522             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | Pentaerythritol tetranitrate (PETN)                    | 9558             | NELAP              | FL            | 07/07/2009     |
| EPA 8330     | B        | 10308006        | RDX (Hexahydro-1,3,5-trinitro-1,3,5-triazine)          | 9432             | NELAP              | FL            | 06/16/2006     |

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### Matrix: Non-Potable Water

| Method              | Revision | TNI Method Code | Analyte                             | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|---------------------|----------|-----------------|-------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 9010            |          | 10192606        | Total cyanide                       | 1645             | NELAP              | FL            | 06/15/2009     |
| EPA 9014            |          | 10193803        | Cyanide                             | 1635             | NELAP              | FL            | 06/15/2009     |
| EPA 9056            | A        | 10199607        | Bromide                             | 1540             | NELAP              | FL            | 06/15/2009     |
| EPA 9056            | A        | 10199607        | Chloride                            | 1575             | NELAP              | FL            | 06/15/2009     |
| EPA 9056            | A        | 10199607        | Fluoride                            | 1730             | NELAP              | FL            | 06/15/2009     |
| EPA 9056            | A        | 10199607        | Nitrate as N                        | 1810             | NELAP              | FL            | 06/15/2009     |
| EPA 9056            | A        | 10199607        | Nitrite as N                        | 1840             | NELAP              | FL            | 06/15/2009     |
| EPA 9056            | A        | 10199607        | Sulfate                             | 2000             | NELAP              | FL            | 10/12/2021     |
| EPA 9060            | A        | 10244823        | Total organic carbon (TOC)          | 2040             | NELAP              | FL            | 05/11/2023     |
| HACH 8000           |          | 60003001        | Chemical oxygen demand (COD)        | 1565             | NELAP              | FL            | 06/24/2013     |
| PA-DEP 391-2000-008 |          | 90016107        | Osmotic pressure                    | 7991             | NELAP              | FL            | 02/17/2015     |
| RSK-175             |          | 10212905        | Acetylene (Ethyne)                  | 4323             | NELAP              | FL            | 06/29/2015     |
| RSK-175             |          | 10212905        | Carbon dioxide                      | 3755             | NELAP              | FL            | 06/15/2009     |
| RSK-175             |          | 10212905        | Ethane                              | 4747             | NELAP              | FL            | 06/15/2009     |
| RSK-175             |          | 10212905        | Ethene                              | 4752             | NELAP              | FL            | 06/15/2009     |
| RSK-175             |          | 10212905        | Methane                             | 4926             | NELAP              | FL            | 06/15/2009     |
| RSK-175             |          | 10212905        | Propane                             | 5029             | NELAP              | FL            | 06/29/2015     |
| RSK-175             |          | 10212905        | n-Butane                            | 5007             | NELAP              | FL            | 11/24/2015     |
| SM 2120B - 2011     | 23rd ed. | 20039036        | Color                               | 1605             | NELAP              | FL            | 05/15/2007     |
| SM 2310B - 2011     | 23rd ed. | 20043838        | Acidity as CaCO <sub>3</sub>        | 1500             | NELAP              | FL            | 05/15/2007     |
| SM 2320B - 2011     | 23rd ed. | 20045436        | Alkalinity as CaCO <sub>3</sub>     | 1505             | NELAP              | FL            | 06/16/2006     |
| SM 2340C - 2011     | 23rd ed. | 20046622        | Total hardness as CaCO <sub>3</sub> | 1755             | NELAP              | FL            | 05/15/2007     |

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**TNI Code: TNI00498**  
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### Matrix: Non-Potable Water

| Method                | Revision | TNI Method Code | Analyte                            | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------------------|----------|-----------------|------------------------------------|------------------|--------------------|---------------|----------------|
| SM 2510B - 2011       | 23rd ed. | 20048435        | Conductivity                       | 1610             | NELAP              | FL            | 09/07/2018     |
| SM 2540B - 2015       | 23rd ed. | 20048684        | Residue, total                     | 1950             | NELAP              | FL            | 05/15/2007     |
| SM 2540C - 2015       | 23rd ed. | 20050457        | Residue, filterable (TDS)          | 1955             | NELAP              | FL            | 05/15/2007     |
| SM 2540D - 2015       | 23rd ed. | 20050446        | Residue, nonfilterable (TSS)       | 1960             | NELAP              | FL            | 05/15/2007     |
| SM 2540E - 2015       | 23rd ed. | 20051234        | Residue, volatile                  | 1970             | NELAP              | FL            | 06/25/2019     |
| SM 2540F - 2015       | 23rd ed. | 20051621        | Residue, settleable                | 1965             | NELAP              | FL            | 05/15/2007     |
| SM 2540G - 2015       | 23rd ed. | 20052248        | Total, fixed, and volatile residue | 1725             | NELAP              | FL            | 06/25/2019     |
| SM 3500-Cr B - 2011   | 23rd ed. | 20066039        | Chromium VI                        | 1045             | NELAP              | FL            | 06/15/2009     |
| SM 3500-Fe B - 2011   | 23rd ed. | 20068820        | Ferrous iron                       | 1073             | NELAP              | FL            | 06/24/2013     |
| SM 4500-CN- C - 2016  | 23rd ed. | 20095458        | Cyanide distillation               | 1412             | NELAP              | FL            | 05/15/2007     |
| SM 4500-CN- E - 2016  | 23rd ed. | 20096224        | Total cyanide                      | 1645             | NELAP              | FL            | 05/15/2007     |
| SM 4500-CN- G - 2016  | 23rd ed. | 20097023        | Amenable cyanide                   | 1510             | NELAP              | FL            | 05/15/2007     |
| SM 4500-Cl- E - 2011  | 23rd ed. | 20086628        | Chloride                           | 1575             | NELAP              | FL            | 06/24/2013     |
| SM 4500-H + B - 2011  | 23rd ed. | 20105037        | pH                                 | 1900             | NELAP              | FL            | 05/15/2007     |
| SM 4500-NH3 G - 2011  | 23rd ed. | 20111233        | Ammonia as N                       | 1515             | NELAP              | FL            | 06/24/2021     |
| SM 4500-NO2- B - 2011 | 23rd ed. | 20112838        | Nitrite as N                       | 1840             | NELAP              | FL            | 05/15/2007     |
| SM 4500-NO3- F - 2016 | 23rd ed. | 20116421        | Nitrate as N                       | 1810             | NELAP              | FL            | 06/24/2013     |
| SM 4500-P E - 2011    | 23rd ed. | 20124032        | Orthophosphate as P                | 1870             | NELAP              | FL            | 05/15/2007     |
| SM 4500-S2- F - 2011  | 23rd ed. | 20126447        | Sulfide                            | 2005             | NELAP              | FL            | 05/15/2007     |
| SM 4500-SO4 E - 2011  | 23rd ed. | 20132847        | Sulfate                            | 2000             | NELAP              | FL            | 07/09/2015     |
| SM 5210B - 2016       | 23rd ed. | 20135028        | Biochemical oxygen demand (BOD)    | 1530             | NELAP              | FL            | 06/16/2006     |
| SM 5210B - 2016       | 23rd ed. | 20135028        | Carbonaceous BOD (CBOD)            | 1555             | NELAP              | FL            | 06/16/2006     |

*Ammerie Beach*

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## Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 021-001 expiration date 06/30/2026. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

**Microbac Laboratories, Inc.- Marietta Division**  
158 Starlite Drive  
Marietta, OH 45750  
(740) 373-4071

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Non-Potable Water

| Method             | Revision | TNI Method Code | Analyte                    | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|--------------------|----------|-----------------|----------------------------|------------------|--------------------|---------------|----------------|
| SM 5310C - 2014    | 23rd ed. | 20138630        | Total organic carbon (TOC) | 2040             | NELAP              | FL            | 05/15/2007     |
| SM 5540C - 2011    | 23rd ed. | 20144836        | Surfactants as MBAS        | 2025             | NELAP              | FL            | 05/15/2007     |
| SOP (01670) HPLC12 |          |                 | Acetate                    | 1503             | NELAP              | FL            | 03/17/2017     |
| SOP (01670) HPLC12 |          |                 | Formate                    | 1737             | NELAP              | FL            | 03/17/2017     |
| SOP (01670) K9305  |          |                 | Fluoroborate               | 1733             | NELAP              | FL            | 06/29/2015     |

### Matrix: Solid and Chemical Materials

| Method        | Revision | TNI Method Code | Analyte                                           | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|---------------|----------|-----------------|---------------------------------------------------|------------------|--------------------|---------------|----------------|
| ASTM D2216-10 |          | 30025106        | Percent moisture in soil                          | 8641             | NELAP              | FL            | 06/25/2019     |
| ASTM D3987-12 |          | 30030718        | Shake extraction of solid waste with water        | 1386             | NELAP              | FL            | 07/10/2019     |
| EPA 1010      | A        | 10234807        | Ignitability                                      | 1780             | NELAP              | FL            | 05/11/2023     |
| EPA 1010      | B        | 10234830        | Ignitability                                      | 1780             | NELAP              | FL            | 05/11/2023     |
| EPA 1030      |          | 10117201        | Ignitability                                      | 1780             | NELAP              | FL            | 02/17/2015     |
| EPA 1311      |          | 10118806        | Toxicity characteristic leaching procedure (TCLP) | 1466             | NELAP              | FL            | 06/16/2006     |
| EPA 1312      |          | 10119003        | Synthetic precipitation leaching procedure (SPLP) | 1460             | NELAP              | FL            | 06/16/2006     |
| EPA 1633      |          | 10123463        | Perfluorodecanesulfonic acid (PFDS)               | 6920             | NELAP              | FL            | 03/03/2025     |
| EPA 1633      |          | 10123463        | Perfluorododecanesulfonic acid (PFDoS)            | 6923             | NELAP              | FL            | 03/03/2025     |
| EPA 1633      |          | 10123463        | Perfluorononanesulfonic acid (PFNS)               | 6929             | NELAP              | FL            | 03/03/2025     |
| EPA 1633      |          | 10123463        | Perfluoropentanesulfonic acid (PFPeS)             | 6934             | NELAP              | FL            | 03/03/2025     |

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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                                                              | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|--------------------------------------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 1633 |          | 10123463        | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)                   | 9490             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | 1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2-FTS)                               | 6948             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | 1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2-FTS)                               | 6946             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | 1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2-FTS)                               | 6947             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | 2H,2H,3H,3H-Perfluorodecanoic acid (3-Perfluoroheptyl propanoic acid) (7:3 FTCA)     | 9340             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | 2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)                                        | 9338             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3-Perfluoropropyl propanoic acid) (3:3 FTCA) | 9353             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                                           | 6951             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)                      | 6952             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Hexafluoropropylene oxide dimer acid (HFPO-DA)                                       | 9460             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | N-Ethylperfluorooctanesulfonamide (EtFOSA)                                           | 9395             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | N-Methylperfluorooctanesulfonamide (MeFOSA)                                          | 9433             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | N-ethylperfluoro-1-octanesulfonamido ethanol (N-EtFOSE)                              | 9431             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | N-methylperfluoro-1-octanesulfonamido ethanol (N-MeFOSE)                             | 6949             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)                                           | 6956             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)                                     | 6957             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluoro-3-methoxypropanoic acid (PFMPA)                                            | 6965             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluoro-4-methoxybutanoic acid (PFMBA)                                             | 6966             | NELAP              | FL            | 03/03/2025     |

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## Laboratory Scope of Accreditation



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**Microbac Laboratories, Inc.- Marietta Division**  
158 Starlite Drive  
Marietta, OH 45750  
(740) 373-4071

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                                   | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 1633 |          | 10123463        | Perfluorobutanesulfonic acid (PFBS)                       | 6918             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorobutanoic acid (PFBA)                             | 6915             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorodecanoic acid (PFDA)                             | 6905             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorododecanoic acid (PFDoA)                          | 6903             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluoroheptanesulfonic acid (PFHpS)                     | 9470             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluoroheptanoic acid (PFHpA)                           | 6908             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorohexanesulfonic acid (PFHxS)                      | 6927             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorohexanoic acid (PFHxA)                            | 6913             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorononanoic acid (PFNA)                             | 6906             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorooctane sulfonamide (PFOSA)                       | 6917             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorooctanesulfonic acid (PFOS)                       | 6931             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorooctanoic acid (PFOA)                             | 6912             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluoropentanoic acid (PFPeA)                           | 6914             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorotetradecanoic acid (PFTA)                        | 6902             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluorotridecanoic acid (PFTTrDA)                       | 9563             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | Perfluoroundecanoic acid (PFUnA)                          | 6904             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | n-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)  | 4846             | NELAP              | FL            | 03/03/2025     |
| EPA 1633 |          | 10123463        | n-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 4847             | NELAP              | FL            | 03/03/2025     |
| EPA 3051 | A        | 10136002        | Microwave digestion of solids (HNO3 only)                 | 1451             | NELAP              | FL            | 07/10/2019     |
| EPA 3051 |          | 10135805        | Microwave digestion of solids (HNO3 only)                 | 1451             | NELAP              | FL            | 03/17/2017     |

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**158 Starlite Drive**  
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**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                        | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 3546 |          | 10141205        | Microwave extraction                           | 1428             | NELAP              | FL            | 06/24/2013     |
| EPA 3550 | B        | 10141807        | Ultrasonic extraction                          | 1468             | NELAP              | FL            | 06/15/2009     |
| EPA 3550 | C        | 10142004        | Ultrasonic extraction                          | 1468             | NELAP              | FL            | 06/22/2017     |
| EPA 3580 | A        | 10143007        | Waste dilution                                 | 1470             | NELAP              | FL            | 06/15/2009     |
| EPA 3620 | B        | 10145809        | Florisil cleanup                               | 1414             | NELAP              | FL            | 03/17/2017     |
| EPA 3630 | C        | 10146802        | Silica gel cleanup                             | 1446             | NELAP              | FL            | 06/15/2009     |
| EPA 3660 | B        | 10148400        | Sulfur cleanup                                 | 1456             | NELAP              | FL            | 06/15/2009     |
| EPA 3665 | A        | 10148808        | Sulfuric acid/permanganate clean-up            | 1458             | NELAP              | FL            | 06/15/2009     |
| EPA 5035 | A        | 10284807        | Closed-system purge-and-trap (freezing option) | 1391             | NELAP              | FL            | 07/10/2019     |
| EPA 5035 | A        | 10284807        | Closed-system purge-and-trap (methanol option) | 1392             | NELAP              | FL            | 07/10/2019     |
| EPA 5035 | A        | 10284807        | Closed-system purge-and-trap (unpreserved)     | 1393             | NELAP              | FL            | 07/10/2019     |
| EPA 5035 |          | 10154004        | Closed-system purge-and-trap (methanol option) | 1392             | NELAP              | FL            | 06/15/2009     |
| EPA 5035 |          | 10154004        | Closed-system purge-and-trap (unpreserved)     | 1393             | NELAP              | FL            | 06/15/2009     |
| EPA 6010 | B        | 10155609        | Aluminum                                       | 1000             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Antimony                                       | 1005             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Arsenic                                        | 1010             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Barium                                         | 1015             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Beryllium                                      | 1020             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Boron                                          | 1025             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Cadmium                                        | 1030             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Calcium                                        | 1035             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Chromium                                       | 1040             | NELAP              | FL            | 06/16/2006     |

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DEP Laboratory ID: 68-01670  
EPA Lab Code: OH00218  
TNI Code: TNI00498  
PADWIS ID: 01670

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte           | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-------------------|------------------|--------------------|---------------|----------------|
| EPA 6010 | B        | 10155609        | Cobalt            | 1050             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Copper            | 1055             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Iron              | 1070             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Lead              | 1075             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Lithium           | 1080             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Magnesium         | 1085             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Manganese         | 1090             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Molybdenum        | 1100             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Nickel            | 1105             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Phosphorus, total | 1910             | NELAP              | FL            | 06/09/2014     |
| EPA 6010 | B        | 10155609        | Potassium         | 1125             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Selenium          | 1140             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Silver            | 1150             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Sodium            | 1155             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Strontium         | 1160             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Thallium          | 1165             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Tin               | 1175             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Titanium          | 1180             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Vanadium          | 1185             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | B        | 10155609        | Zinc              | 1190             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Aluminum          | 1000             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Antimony          | 1005             | NELAP              | FL            | 06/16/2006     |

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### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte           | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-------------------|------------------|--------------------|---------------|----------------|
| EPA 6010 | C        | 10155803        | Arsenic           | 1010             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Barium            | 1015             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Beryllium         | 1020             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Boron             | 1025             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Cadmium           | 1030             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Calcium           | 1035             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Chromium          | 1040             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Cobalt            | 1050             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Copper            | 1055             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Iron              | 1070             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Lead              | 1075             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Lithium           | 1080             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Magnesium         | 1085             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Manganese         | 1090             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Molybdenum        | 1100             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Nickel            | 1105             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Phosphorus, total | 1910             | NELAP              | FL            | 06/09/2014     |
| EPA 6010 | C        | 10155803        | Potassium         | 1125             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Selenium          | 1140             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Silver            | 1150             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Sodium            | 1155             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Strontium         | 1160             | NELAP              | FL            | 06/16/2006     |

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### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte   | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------|------------------|--------------------|---------------|----------------|
| EPA 6010 | C        | 10155803        | Thallium  | 1165             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Tin       | 1175             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Titanium  | 1180             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Vanadium  | 1185             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Zinc      | 1190             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | C        | 10155803        | Zirconium | 1192             | NELAP              | FL            | 06/25/2019     |
| EPA 6010 | D        | 10155916        | Aluminum  | 1000             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Antimony  | 1005             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Arsenic   | 1010             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Barium    | 1015             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Beryllium | 1020             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Boron     | 1025             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Cadmium   | 1030             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Calcium   | 1035             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Chromium  | 1040             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Cobalt    | 1050             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Copper    | 1055             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Iron      | 1070             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Lead      | 1075             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Lithium   | 1080             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Magnesium | 1085             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Manganese | 1090             | NELAP              | FL            | 06/16/2006     |

*Annmarie Beach*

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## Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 021-001 expiration date 06/30/2026. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte           | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-------------------|------------------|--------------------|---------------|----------------|
| EPA 6010 | D        | 10155916        | Molybdenum        | 1100             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Nickel            | 1105             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Phosphorus, total | 1910             | NELAP              | FL            | 06/09/2014     |
| EPA 6010 | D        | 10155916        | Potassium         | 1125             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Selenium          | 1140             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Silver            | 1150             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Sodium            | 1155             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Strontium         | 1160             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Thallium          | 1165             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Tin               | 1175             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Titanium          | 1180             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Vanadium          | 1185             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Zinc              | 1190             | NELAP              | FL            | 06/16/2006     |
| EPA 6010 | D        | 10155916        | Zirconium         | 1192             | NELAP              | FL            | 06/25/2019     |
| EPA 6020 | A        | 10156419        | Antimony          | 1005             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Arsenic           | 1010             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Barium            | 1015             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Cadmium           | 1030             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Chromium          | 1040             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Cobalt            | 1050             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Copper            | 1055             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Lead              | 1075             | NELAP              | FL            | 06/16/2006     |

*Annmarie Beach*

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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte        | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|----------------|------------------|--------------------|---------------|----------------|
| EPA 6020 | A        | 10156419        | Manganese      | 1090             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Nickel         | 1105             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Selenium       | 1140             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Silver         | 1150             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Thallium       | 1165             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Vanadium       | 1185             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | A        | 10156419        | Zinc           | 1190             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | B        | 10156420        | Antimony       | 1005             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | B        | 10156420        | Arsenic        | 1010             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | B        | 10156420        | Barium         | 1015             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | B        | 10156420        | Cadmium        | 1030             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | B        | 10156420        | Chromium       | 1040             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | B        | 10156420        | Cobalt         | 1050             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | B        | 10156420        | Copper         | 1055             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | B        | 10156420        | Lead           | 1075             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | B        | 10156420        | Manganese      | 1090             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | B        | 10156420        | Nickel         | 1105             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | B        | 10156420        | Selenium       | 1140             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | B        | 10156420        | Silver         | 1150             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | B        | 10156420        | Thallium       | 1165             | NELAP              | FL            | 06/16/2006     |
| EPA 6020 | B        | 10156420        | Uranium (mass) | 1184             | NELAP              | FL            | 06/20/2018     |
| EPA 6020 | B        | 10156420        | Vanadium       | 1185             | NELAP              | FL            | 06/16/2006     |

*Annmarie Beach*

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## Laboratory Scope of Accreditation



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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method      | Revision | TNI Method Code | Analyte                        | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-------------|----------|-----------------|--------------------------------|------------------|--------------------|---------------|----------------|
| EPA 6020    | B        | 10156420        | Zinc                           | 1190             | NELAP              | FL            | 06/16/2006     |
| EPA 6850    |          | 10304606        | Perchlorate                    | 1895             | NELAP              | FL            | 06/24/2013     |
| EPA 7.3.3.2 |          | 10001204        | Reactive cyanide               | 1923             | NELAP              | FL            | 06/16/2006     |
| EPA 7.3.4.2 |          | 10001408        | Reactive sulfide               | 1925             | NELAP              | FL            | 06/16/2006     |
| EPA 7196    | A        | 10162400        | Chromium VI                    | 1045             | NELAP              | FL            | 05/11/2023     |
| EPA 7471    | A        | 10166208        | Mercury                        | 1095             | NELAP              | FL            | 05/11/2023     |
| EPA 7471    | B        | 10166457        | Mercury                        | 1095             | NELAP              | FL            | 05/11/2023     |
| EPA 8015    | C        | 10173805        | Diesel-range organics (DRO)    | 9369             | NELAP              | FL            | 06/16/2006     |
| EPA 8015    | C        | 10173805        | Ethanol                        | 4750             | NELAP              | FL            | 06/16/2006     |
| EPA 8015    | C        | 10173805        | Ethylene glycol                | 4785             | NELAP              | FL            | 06/16/2006     |
| EPA 8015    | C        | 10173805        | Gasoline-range organics (GRO)  | 9408             | NELAP              | FL            | 06/16/2006     |
| EPA 8015    | C        | 10173805        | Isopropyl alcohol (2-Propanol) | 4895             | NELAP              | FL            | 06/16/2006     |
| EPA 8015    | C        | 10173805        | Methanol                       | 4930             | NELAP              | FL            | 06/16/2006     |
| EPA 8015    | C        | 10173805        | Propylene glycol               | 6657             | NELAP              | FL            | 06/24/2013     |
| EPA 8015    | C        | 10173805        | n-Propanol (1-Propanol)        | 5055             | NELAP              | FL            | 06/25/2019     |
| EPA 8015    | D        | 10305609        | Diesel-range organics (DRO)    | 9369             | NELAP              | FL            | 05/11/2023     |
| EPA 8015    | D        | 10305609        | Ethanol                        | 4750             | NELAP              | FL            | 05/11/2023     |
| EPA 8015    | D        | 10305609        | Ethylene glycol                | 4785             | NELAP              | FL            | 05/11/2023     |
| EPA 8015    | D        | 10305609        | Gasoline-range organics (GRO)  | 9408             | NELAP              | FL            | 05/11/2023     |
| EPA 8015    | D        | 10305609        | Isopropyl alcohol (2-Propanol) | 4895             | NELAP              | FL            | 05/11/2023     |
| EPA 8015    | D        | 10305609        | Methanol                       | 4930             | NELAP              | FL            | 05/11/2023     |
| EPA 8015    | D        | 10305609        | Propylene glycol               | 6657             | NELAP              | FL            | 05/11/2023     |

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## Laboratory Scope of Accreditation



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Microbac Laboratories, Inc.- Marietta Division  
158 Starlite Drive  
Marietta, OH 45750  
(740) 373-4071

DEP Laboratory ID: 68-01670  
EPA Lab Code: OH00218  
TNI Code: TNI00498  
PADWIS ID: 01670

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                          | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|--------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8081 | A        | 10178606        | 4,4'-DDD                                         | 7355             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | 4,4'-DDE                                         | 7360             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | 4,4'-DDT                                         | 7365             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Aldrin (HHDN)                                    | 7025             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Chlordane (tech.)                                | 7250             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Dieldrin                                         | 7470             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Endosulfan I                                     | 7510             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Endosulfan II                                    | 7515             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Endosulfan sulfate                               | 7520             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Endrin                                           | 7540             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Endrin aldehyde                                  | 7530             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Endrin ketone                                    | 7535             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Heptachlor                                       | 7685             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Heptachlor epoxide                               | 7690             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Methoxychlor                                     | 7810             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | Toxaphene (Chlorinated camphene)                 | 8250             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | alpha-BHC (alpha-Hexachlorocyclohexane)          | 7110             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | alpha-Chlordane                                  | 7240             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | beta-BHC (beta-Hexachlorocyclohexane)            | 7115             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | delta-BHC (delta-Hexachlorocyclohexane)          | 7105             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | gamma-BHC (Lindane, gamma-Hexachlorocyclohexane) | 7120             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | A        | 10178606        | gamma-Chlordane                                  | 7245             | NELAP              | FL            | 06/16/2006     |

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Microbac Laboratories, Inc.- Marietta Division  
158 Starlite Drive  
Marietta, OH 45750  
(740) 373-4071

DEP Laboratory ID: 68-01670  
EPA Lab Code: OH00218  
TNI Code: TNI00498  
PADWIS ID: 01670

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                          | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|--------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8081 | B        | 10178811        | 4,4'-DDD                                         | 7355             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | 4,4'-DDE                                         | 7360             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | 4,4'-DDT                                         | 7365             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Aldrin (HHDN)                                    | 7025             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Chlordane (tech.)                                | 7250             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Dieldrin                                         | 7470             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Endosulfan I                                     | 7510             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Endosulfan II                                    | 7515             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Endosulfan sulfate                               | 7520             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Endrin                                           | 7540             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Endrin aldehyde                                  | 7530             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Endrin ketone                                    | 7535             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Heptachlor                                       | 7685             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Heptachlor epoxide                               | 7690             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Methoxychlor                                     | 7810             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | Toxaphene (Chlorinated camphene)                 | 8250             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | alpha-BHC (alpha-Hexachlorocyclohexane)          | 7110             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | alpha-Chlordane                                  | 7240             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | beta-BHC (beta-Hexachlorocyclohexane)            | 7115             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | delta-BHC (delta-Hexachlorocyclohexane)          | 7105             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | gamma-BHC (Lindane, gamma-Hexachlorocyclohexane) | 7120             | NELAP              | FL            | 06/16/2006     |
| EPA 8081 | B        | 10178811        | gamma-Chlordane                                  | 7245             | NELAP              | FL            | 06/16/2006     |

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**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                       | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8082 | A        | 10179201        | Aroclor-1016 (PCB-1016)                       | 8880             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1221 (PCB-1221)                       | 8885             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1232 (PCB-1232)                       | 8890             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1242 (PCB-1242)                       | 8895             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1248 (PCB-1248)                       | 8900             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1254 (PCB-1254)                       | 8905             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1260 (PCB-1260)                       | 8910             | NELAP              | FL            | 06/16/2006     |
| EPA 8082 | A        | 10179201        | Aroclor-1262 (PCB-1262)                       | 8912             | NELAP              | FL            | 06/24/2013     |
| EPA 8082 | A        | 10179201        | Aroclor-1268 (PCB-1268)                       | 8913             | NELAP              | FL            | 06/24/2013     |
| EPA 8151 | A        | 10183207        | 2,4,5-T                                       | 8655             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | 2,4,5-TP (Silvex)                             | 8650             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | 2,4-D                                         | 8545             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | 2,4-DB (Butoxon)                              | 8560             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | Dalapon (2,2-Dichloropropionic acid)          | 8555             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | Dicamba                                       | 8595             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | Dichloroprop (Dichlorprop)                    | 8605             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP) | 8620             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | MCPA                                          | 7775             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | MCPP (Mecoprop)                               | 7780             | NELAP              | FL            | 06/16/2006     |
| EPA 8151 | A        | 10183207        | Pentachlorophenol (PCP)                       | 6605             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,1,1,2-Tetrachloroethane                     | 5105             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,1,1-Trichloroethane                         | 5160             | NELAP              | FL            | 06/16/2006     |

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**DEP Laboratory ID: 68-01670**  
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### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                                  | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|----------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | B        | 10184802        | 1,1,2,2-Tetrachloroethane                                | 5110             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)        | 5185             | NELAP              | FL            | 06/25/2019     |
| EPA 8260 | B        | 10184802        | 1,1,2-Trichloroethane                                    | 5165             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,1-Dichloroethane                                       | 4630             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,1-Dichloroethene (1,1-Dichloroethylene)                | 4640             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,1-Dichloropropene                                      | 4670             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2,3-Trichlorobenzene                                   | 5150             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2,3-Trichloropropane (1,2,3-TCP)                       | 5180             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2,4-Trichlorobenzene                                   | 5155             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2,4-Trimethylbenzene                                   | 5210             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane) | 4570             | NELAP              | FL            | 06/15/2009     |
| EPA 8260 | B        | 10184802        | 1,2-Dibromoethane (EDB, Ethylene dibromide)              | 4585             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2-Dichlorobenzene (o-Dichlorobenzene)                  | 4610             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2-Dichloroethane                                       | 4635             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,2-Dichloropropane                                      | 4655             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,3,5-Trimethylbenzene                                   | 5215             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,3-Dichlorobenzene (m-Dichlorobenzene)                  | 4615             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,3-Dichloropropane                                      | 4660             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,4-Dichlorobenzene (p-Dichlorobenzene)                  | 4620             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1,4-Dioxane (1,4-Diethyleneoxide)                        | 4735             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 1-Chlorohexane                                           | 4510             | NELAP              | FL            | 06/16/2006     |

*Ammerie Beach*

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## Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 021-001 expiration date 06/30/2026. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                               | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|---------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | B        | 10184802        | 2,2-Dichloropropane                   | 4665             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 2-Butanone (Methyl ethyl ketone, MEK) | 4410             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 2-Chloroethyl vinyl ether             | 4500             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 2-Chlorotoluene                       | 4535             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 2-Hexanone                            | 4860             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 2-Nitropropane                        | 5020             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 4-Chlorotoluene                       | 4540             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | 4-Methyl-2-pentanone (MIBK)           | 4995             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Acetone                               | 4315             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Acetonitrile                          | 4320             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Acrolein (Propenal)                   | 4325             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Acrylonitrile                         | 4340             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Allyl chloride (3-Chloropropene)      | 4355             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Benzene                               | 4375             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Bromobenzene                          | 4385             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Bromochloromethane                    | 4390             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Bromodichloromethane                  | 4395             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Bromoform                             | 4400             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Carbon disulfide                      | 4450             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Carbon tetrachloride                  | 4455             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Chlorobenzene                         | 4475             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Chloroethane                          | 4485             | NELAP              | FL            | 06/16/2006     |

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**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                       | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | B        | 10184802        | Chloroform                                    | 4505             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Chloroprene (2-Chloro-1,3-butadiene)          | 4525             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Cyclohexane                                   | 4555             | NELAP              | FL            | 06/20/2018     |
| EPA 8260 | B        | 10184802        | Dibromochloromethane                          | 4575             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Dibromomethane                                | 4595             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Dichlorodifluoromethane (Freon 12)            | 4625             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Diethyl ether (Ethyl ether)                   | 4725             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Diisopropyl ether (DIPE)                      | 9375             | NELAP              | FL            | 06/25/2019     |
| EPA 8260 | B        | 10184802        | Ethyl acetate                                 | 4755             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Ethyl methacrylate                            | 4810             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Ethyl tert-butyl ether (ETBE)                 | 4770             | NELAP              | FL            | 06/25/2019     |
| EPA 8260 | B        | 10184802        | Ethylbenzene                                  | 4765             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Hexachlorobutadiene (1,3-Hexachlorobutadiene) | 4835             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Iodomethane (Methyl iodide)                   | 4870             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Isobutyl alcohol (2-Methyl-1-propanol)        | 4875             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Isopropylbenzene (Cumene)                     | 4900             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Methacrylonitrile                             | 4925             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Methyl acetate                                | 4940             | NELAP              | FL            | 06/25/2019     |
| EPA 8260 | B        | 10184802        | Methyl bromide (Bromomethane)                 | 4950             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Methyl chloride (Chloromethane)               | 4960             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Methyl tert-butyl ether (MTBE)                | 5000             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Methylcyclohexane                             | 4965             | NELAP              | FL            | 06/25/2019     |

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**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                    | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|--------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | B        | 10184802        | Methylene chloride (Dichloromethane)       | 4975             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Methylmethacrylate                         | 4990             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Naphthalene                                | 5005             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Propionitrile (Ethyl cyanide)              | 5080             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Styrene                                    | 5100             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Tetrachloroethene (PCE, Perchloroethylene) | 5115             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Toluene                                    | 5140             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Trichloroethene (TCE, Trichloroethylene)   | 5170             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Trichlorofluoromethane (Freon 11)          | 5175             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Vinyl acetate                              | 5225             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Vinyl chloride (Chloroethene)              | 5235             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | Xylenes, total                             | 5260             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | cis-1,2-Dichloroethene                     | 4645             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | cis-1,3-Dichloropropene                    | 4680             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | m+p-Xylene                                 | 5240             | NELAP              | FL            | 07/09/2015     |
| EPA 8260 | B        | 10184802        | n-Butylbenzene                             | 4435             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | n-Propylbenzene                            | 5090             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | o-Xylene                                   | 5250             | NELAP              | FL            | 07/09/2015     |
| EPA 8260 | B        | 10184802        | p-Isopropyltoluene (4-Isopropyltoluene)    | 4910             | NELAP              | FL            | 07/07/2009     |
| EPA 8260 | B        | 10184802        | sec-Butylbenzene                           | 4440             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | tert-Butyl alcohol (2-Methyl-2-propanol)   | 4420             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | tert-Butylbenzene                          | 4445             | NELAP              | FL            | 06/16/2006     |

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**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                                  | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|----------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | B        | 10184802        | trans-1,2-Dichloroethene                                 | 4700             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | trans-1,3-Dichloropropene                                | 4685             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | B        | 10184802        | trans-1,4-Dichloro-2-butene                              | 4605             | NELAP              | FL            | 06/16/2006     |
| EPA 8260 | D        | 10307127        | 1,1,1,2-Tetrachloroethane                                | 5105             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,1,1-Trichloroethane                                    | 5160             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,1,2,2-Tetrachloroethane                                | 5110             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)        | 5185             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,1,2-Trichloroethane                                    | 5165             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,1-Dichloroethane                                       | 4630             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,1-Dichloroethene (1,1-Dichloroethylene)                | 4640             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,1-Dichloropropene                                      | 4670             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2,3-Trichlorobenzene                                   | 5150             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2,3-Trichloropropane (1,2,3-TCP)                       | 5180             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2,4-Trichlorobenzene                                   | 5155             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2,4-Trimethylbenzene                                   | 5210             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane) | 4570             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2-Dibromoethane (EDB, Ethylene dibromide)              | 4585             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2-Dichlorobenzene (o-Dichlorobenzene)                  | 4610             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2-Dichloroethane                                       | 4635             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,2-Dichloropropane                                      | 4655             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,3,5-Trichlorobenzene                                   | 6800             | NELAP              | FL            | 05/11/2023     |

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**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
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### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                 | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | D        | 10307127        | 1,3-Butadiene (Divinyl)                 | 9318             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,3-Dichlorobenzene (m-Dichlorobenzene) | 4615             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,3-Dichloropropane                     | 4660             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,4-Dichlorobenzene (p-Dichlorobenzene) | 4620             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1,4-Dioxane (1,4-Diethyleneoxide)       | 4735             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 1-Chlorohexane                          | 4510             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 2,2-Dichloropropane                     | 4665             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 2-Butanone (Methyl ethyl ketone, MEK)   | 4410             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 2-Chloroethyl vinyl ether               | 4500             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 2-Chlorotoluene                         | 4535             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 2-Hexanone                              | 4860             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 2-Nitropropane                          | 5020             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 4-Chlorotoluene                         | 4540             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | 4-Methyl-2-pentanone (MIBK)             | 4995             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Acetone                                 | 4315             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Acetonitrile                            | 4320             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Acrolein (Propenal)                     | 4325             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Acrylonitrile                           | 4340             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Allyl chloride (3-Chloropropene)        | 4355             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Benzene                                 | 4375             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Bromobenzene                            | 4385             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Bromochloromethane                      | 4390             | NELAP              | FL            | 05/11/2023     |

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**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
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### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                       | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | D        | 10307127        | Bromodichloromethane                          | 4395             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Bromoform                                     | 4400             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Carbon disulfide                              | 4450             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Carbon tetrachloride                          | 4455             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Chlorobenzene                                 | 4475             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Chloroethane                                  | 4485             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Chloroform                                    | 4505             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Chloroprene (2-Chloro-1,3-butadiene)          | 4525             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Cyclohexane                                   | 4555             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Dibromochloromethane                          | 4575             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Dibromomethane                                | 4595             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Dichlorodifluoromethane (Freon 12)            | 4625             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Diethyl ether (Ethyl ether)                   | 4725             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Diisopropyl ether (DIPE)                      | 9375             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Dimethyl disulfide                            | 4729             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Dimethyl sulfide                              | 6116             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Ethyl acetate                                 | 4755             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Ethyl methacrylate                            | 4810             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Ethyl tert-butyl ether (ETBE)                 | 4770             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Ethylbenzene                                  | 4765             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Hexachlorobutadiene (1,3-Hexachlorobutadiene) | 4835             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Iodomethane (Methyl iodide)                   | 4870             | NELAP              | FL            | 05/11/2023     |

*Ammerie Beach*

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## Laboratory Scope of Accreditation



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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                    | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|--------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | D        | 10307127        | Isobutyl alcohol (2-Methyl-1-propanol)     | 4875             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Isoprene (3-Methyl-1,3-butadiene)          | 4937             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Isopropylbenzene (Cumene)                  | 4900             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methacrylonitrile                          | 4925             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methyl acetate                             | 4940             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methyl bromide (Bromomethane)              | 4950             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methyl chloride (Chloromethane)            | 4960             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methyl tert-butyl ether (MTBE)             | 5000             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methylcyclohexane                          | 4965             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methylene chloride (Dichloromethane)       | 4975             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Methylmethacrylate                         | 4990             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Naphthalene                                | 5005             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Propionitrile (Ethyl cyanide)              | 5080             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Styrene                                    | 5100             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Tetrachloroethene (PCE, Perchloroethylene) | 5115             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Toluene                                    | 5140             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Trichloroethene (TCE, Trichloroethylene)   | 5170             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Trichlorofluoromethane (Freon 11)          | 5175             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Vinyl acetate                              | 5225             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Vinyl chloride (Chloroethene)              | 5235             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | Xylenes, total                             | 5260             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | cis-1,2-Dichloroethene                     | 4645             | NELAP              | FL            | 05/11/2023     |

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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                  | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8260 | D        | 10307127        | cis-1,3-Dichloropropene                  | 4680             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | m+p-Xylene                               | 5240             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | n-Butylbenzene                           | 4435             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | n-Hexane                                 | 4855             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | n-Propylbenzene                          | 5090             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | o-Xylene                                 | 5250             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | p-Isopropyltoluene (4-Isopropyltoluene)  | 4910             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | sec-Butylbenzene                         | 4440             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | tert-Butyl alcohol (2-Methyl-2-propanol) | 4420             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | tert-Butylbenzene                        | 4445             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | trans-1,2-Dichloroethene                 | 4700             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | trans-1,3-Dichloropropene                | 4685             | NELAP              | FL            | 05/11/2023     |
| EPA 8260 | D        | 10307127        | trans-1,4-Dichloro-2-butene              | 4605             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | D        | 10186002        | 1,1'-Biphenyl (Biphenyl, Lemonene)       | 6703             | NELAP              | FL            | 08/03/2017     |
| EPA 8270 | D        | 10186002        | 1,2,4,5-Tetrachlorobenzene               | 6715             | NELAP              | FL            | 07/07/2009     |
| EPA 8270 | D        | 10186002        | 1,2,4-Trichlorobenzene                   | 5155             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1,2-Dichlorobenzene (o-Dichlorobenzene)  | 4610             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1,2-Diphenylhydrazine                    | 6220             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1,3,5-Trinitrobenzene (1,3,5-TNB)        | 6885             | NELAP              | FL            | 07/07/2009     |
| EPA 8270 | D        | 10186002        | 1,3-Dichlorobenzene (m-Dichlorobenzene)  | 4615             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1,3-Dinitrobenzene (1,3-DNB)             | 6160             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1,4-Dichlorobenzene (p-Dichlorobenzene)  | 4620             | NELAP              | FL            | 06/16/2006     |

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**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                                          | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|------------------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | D        | 10186002        | 1,4-Naphthoquinone                                               | 6420             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1,4-Phenylenediamine                                             | 6630             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 1-Methylnaphthalene                                              | 6380             | NELAP              | FL            | 06/25/2019     |
| EPA 8270 | D        | 10186002        | 1-Naphthylamine (alpha-Naphthylamine)                            | 6425             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether) | 4659             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,3,4,6-Tetrachlorophenol                                        | 6735             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,4,5-Trichlorophenol                                            | 6835             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,4,6-Trichlorophenol                                            | 6840             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,4-Dichlorophenol                                               | 6000             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,4-Dimethylphenol                                               | 6130             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,4-Dinitrophenol                                                | 6175             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,4-Dinitrotoluene (2,4-DNT)                                     | 6185             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,6-Dichlorophenol                                               | 6005             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2,6-Dinitrotoluene (2,6-DNT)                                     | 6190             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Acetylaminofluorene                                            | 5515             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Chloronaphthalene                                              | 5795             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Chlorophenol                                                   | 5800             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)          | 6360             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Methylnaphthalene                                              | 6385             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Methylphenol (o-Cresol)                                        | 6400             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Naphthylamine (beta-Naphthylamine)                             | 6430             | NELAP              | FL            | 06/15/2009     |

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158 Starlite Drive  
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(740) 373-4071

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                             | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | D        | 10186002        | 2-Nitroaniline                                      | 6460             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Nitrophenol                                       | 6490             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 2-Picoline (2-Methylpyridine)                       | 5050             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 3+4-Methylphenol (m+p-Cresol)                       | 6412             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 3,3'-Dichlorobenzidine                              | 5945             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 3,3'-Dimethylbenzidine                              | 6120             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 3-Methylcholanthrene                                | 6355             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 3-Nitroaniline                                      | 6465             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Aminobiphenyl                                     | 5540             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Bromophenyl phenyl ether                          | 5660             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Chloro-3-methylphenol                             | 5700             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Chloroaniline                                     | 5745             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Chlorophenyl phenyl ether                         | 5825             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Dimethylaminoazobenzene (Dimethylaminoazobenzene) | 6105             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Nitroaniline                                      | 6470             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 4-Nitrophenol                                       | 6500             | NELAP              | FL            | 11/24/2021     |
| EPA 8270 | D        | 10186002        | 4-Nitroquinoline-1-oxide                            | 6510             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 5-Nitro-o-toluidine                                 | 6570             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | 7,12-Dimethylbenz(a)anthracene                      | 6115             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Acenaphthene                                        | 5500             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Acenaphthylene                                      | 5505             | NELAP              | FL            | 06/16/2006     |

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**DEP Laboratory ID: 68-01670**  
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### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                         | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | D        | 10186002        | Acetophenone                                    | 5510             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Aniline                                         | 5545             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Anthracene                                      | 5555             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | D        | 10186002        | Aramite                                         | 5560             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Atrazine                                        | 7065             | NELAP              | FL            | 06/25/2019     |
| EPA 8270 | D        | 10186002        | Benzaldehyde                                    | 5570             | NELAP              | FL            | 06/25/2019     |
| EPA 8270 | D        | 10186002        | Benzidine                                       | 5595             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Benzo[a]anthracene                              | 5575             | NELAP              | FL            | 06/27/2022     |
| EPA 8270 | D        | 10186002        | Benzo[a]pyrene                                  | 5580             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Benzo[b]fluoranthene                            | 5585             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Benzo[ghi]perylene                              | 5590             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Benzo[k]fluoranthene                            | 5600             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Benzoic acid                                    | 5610             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Benzyl alcohol                                  | 5630             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Butyl benzyl phthalate (Benzyl butyl phthalate) | 5670             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Caprolactam                                     | 7180             | NELAP              | FL            | 06/25/2019     |
| EPA 8270 | D        | 10186002        | Carbazole                                       | 5680             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Chlorobenzilate                                 | 7260             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Chrysene (Benzo[a]phenanthrene)                 | 5855             | NELAP              | FL            | 11/24/2021     |
| EPA 8270 | D        | 10186002        | Di-n-butyl phthalate                            | 5925             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Di-n-octyl phthalate                            | 6200             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Diallate (cis or trans)                         | 7405             | NELAP              | FL            | 06/16/2006     |

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### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                       | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | D        | 10186002        | Dibenzo[a,h]anthracene                        | 5895             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Dibenzofuran                                  | 5905             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Diethyl phthalate                             | 6070             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Dimethoate                                    | 7475             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Dimethyl phthalate                            | 6135             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Disulfoton                                    | 8625             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Ethyl methanesulfonate                        | 6260             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Famphur                                       | 7580             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Fluoranthene                                  | 6265             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Fluorene                                      | 6270             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Hexachlorobenzene                             | 6275             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Hexachlorobutadiene (1,3-Hexachlorobutadiene) | 4835             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Hexachlorocyclopentadiene                     | 6285             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Hexachloroethane                              | 4840             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Hexachlorophene                               | 6290             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Hexachloropropene                             | 6295             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Hexamethylphosphoramide (HMPA)                | 7700             | NELAP              | FL            | 07/07/2009     |
| EPA 8270 | D        | 10186002        | Indeno(1,2,3-cd)pyrene                        | 6315             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Isodrin                                       | 7725             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Isophorone                                    | 6320             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Isosafrole                                    | 6325             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Kepone                                        | 7740             | NELAP              | FL            | 06/16/2006     |

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**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                       | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | D        | 10186002        | Methapyrilene                                 | 6345             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Methyl methanesulfonate                       | 6375             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Methyl parathion (Parathion, methyl)          | 7825             | NELAP              | FL            | 07/07/2009     |
| EPA 8270 | D        | 10186002        | N-Nitrosodi-n-butylamine                      | 5025             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosodi-n-propylamine                     | 6545             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosodiethylamine                         | 6525             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosodimethylamine                        | 6530             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosodiphenylamine                        | 6535             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosomethylethylamine                     | 6550             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosomorpholine                           | 6555             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosopiperidine                           | 6560             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | N-Nitrosopyrrolidine                          | 6565             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Naphthalene                                   | 5005             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Nitrobenzene                                  | 5015             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | O,O,O-Triethyl phosphorothioate               | 8290             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Parathion, ethyl (Ethyl parathion, Parathion) | 7955             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Pentachlorobenzene                            | 6590             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Pentachloroethane                             | 5035             | NELAP              | FL            | 06/25/2019     |
| EPA 8270 | D        | 10186002        | Pentachloronitrobenzene (PCNB)                | 6600             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Pentachlorophenol (PCP)                       | 6605             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Phenanthrene                                  | 6615             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Phenol                                        | 6625             | NELAP              | FL            | 06/16/2006     |

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**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
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### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                    | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|--------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | D        | 10186002        | Phorate (Thimet)                           | 7985             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Pronamide (Kerb)                           | 6650             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Pyrene                                     | 6665             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Pyridine                                   | 5095             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Safrole                                    | 6685             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Sulfotepp (Tetraethyl dithiopyrophosphate) | 8155             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | Thionazine (Thionazin, Zinophos)           | 8235             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | a,a-Dimethylphenethylamine (Phentermine)   | 6125             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | bis(2-Chloroethoxy)methane                 | 5760             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | bis(2-Chloroethyl) ether                   | 5765             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | bis(2-Ethylhexyl) phthalate (DEHP)         | 6065             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | D        | 10186002        | o-Toluidine (2-Toluidine, 2-Methylaniline) | 5145             | NELAP              | FL            | 06/16/2006     |
| EPA 8270 | E        | 10242543        | 1,1'-Biphenyl (Biphenyl, Lemonene)         | 6703             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,2,4,5-Tetrachlorobenzene                 | 6715             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,2,4-Trichlorobenzene                     | 5155             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,2-Dichlorobenzene (o-Dichlorobenzene)    | 4610             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,2-Diphenylhydrazine                      | 6220             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,3,5-Trichlorobenzene                     | 6800             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,3-Dichlorobenzene (m-Dichlorobenzene)    | 4615             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,3-Dinitrobenzene (1,3-DNB)               | 6160             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,4-Dichlorobenzene (p-Dichlorobenzene)    | 4620             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,4-Dioxane (1,4-Diethyleneoxide)          | 4735             | NELAP              | FL            | 05/11/2023     |

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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                                          | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|------------------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | E        | 10242543        | 1,4-Naphthoquinone                                               | 6420             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1,4-Phenylenediamine                                             | 6630             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1-Methylnaphthalene                                              | 6380             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 1-Naphthylamine (alpha-Naphthylamine)                            | 6425             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether) | 4659             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,3,4,6-Tetrachlorophenol                                        | 6735             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,4,5-Trichlorophenol                                            | 6835             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,4,6-Trichlorophenol                                            | 6840             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,4-Dichlorophenol                                               | 6000             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,4-Dimethylphenol                                               | 6130             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,4-Dinitrophenol                                                | 6175             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,4-Dinitrotoluene (2,4-DNT)                                     | 6185             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,6-Dichlorophenol                                               | 6005             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2,6-Dinitrotoluene (2,6-DNT)                                     | 6190             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Acetylaminofluorene                                            | 5515             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Chloronaphthalene                                              | 5795             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Chlorophenol                                                   | 5800             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)          | 6360             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Methylnaphthalene                                              | 6385             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Methylphenol (o-Cresol)                                        | 6400             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Naphthylamine (beta-Naphthylamine)                             | 6430             | NELAP              | FL            | 05/11/2023     |

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**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                             | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | E        | 10242543        | 2-Nitroaniline                                      | 6460             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Nitrophenol                                       | 6490             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 2-Picoline (2-Methylpyridine)                       | 5050             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 3+4-Methylphenol (m+p-Cresol)                       | 6412             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 3,3'-Dichlorobenzidine                              | 5945             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 3,3'-Dimethylbenzidine                              | 6120             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 3-Methylcholanthrene                                | 6355             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 3-Nitroaniline                                      | 6465             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Aminobiphenyl                                     | 5540             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Bromophenyl phenyl ether                          | 5660             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Chloro-3-methylphenol                             | 5700             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Chloroaniline                                     | 5745             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Chlorophenyl phenyl ether                         | 5825             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Dimethylaminoazobenzene (Dimethylaminoazobenzene) | 6105             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Nitroaniline                                      | 6470             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Nitrophenol                                       | 6500             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 4-Nitroquinoline-1-oxide                            | 6510             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 5-Nitro-o-toluidine                                 | 6570             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | 7,12-Dimethylbenz(a)anthracene                      | 6115             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Acenaphthene                                        | 5500             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Acenaphthylene                                      | 5505             | NELAP              | FL            | 05/11/2023     |

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**DEP Laboratory ID: 68-01670**  
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### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                         | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | E        | 10242543        | Acetophenone                                    | 5510             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Aniline                                         | 5545             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Aramite                                         | 5560             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Atrazine                                        | 7065             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzaldehyde                                    | 5570             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzidine                                       | 5595             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzo[a]anthracene                              | 5575             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzo[a]pyrene                                  | 5580             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzo[b]fluoranthene                            | 5585             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzo[ghi]perylene                              | 5590             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzo[k]fluoranthene                            | 5600             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzoic acid                                    | 5610             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Benzyl alcohol                                  | 5630             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Butyl benzyl phthalate (Benzyl butyl phthalate) | 5670             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Caprolactam                                     | 7180             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Carbazole                                       | 5680             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Chlorobenzilate                                 | 7260             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Chrysene (Benzo[a]phenanthrene)                 | 5855             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Di-n-butyl phthalate                            | 5925             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Di-n-octyl phthalate                            | 6200             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Diallate (cis or trans)                         | 7405             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Dibenz[a,h]acridine                             | 9354             | NELAP              | FL            | 05/11/2023     |

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### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                       | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | E        | 10242543        | Dibenzofuran                                  | 5905             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Diethyl phthalate                             | 6070             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Dimethoate                                    | 7475             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Dimethyl phthalate                            | 6135             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Disulfoton                                    | 8625             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Ethyl methanesulfonate                        | 6260             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Famphur                                       | 7580             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Fluoranthene                                  | 6265             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Fluorene                                      | 6270             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Hexachlorobenzene                             | 6275             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Hexachlorobutadiene (1,3-Hexachlorobutadiene) | 4835             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Hexachlorocyclopentadiene                     | 6285             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Hexachloroethane                              | 4840             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Hexachlorophene                               | 6290             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Hexachloropropene                             | 6295             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Hexamethylphosphoramide (HMPA)                | 7700             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Indeno(1,2,3-cd)pyrene                        | 6315             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Isodrin                                       | 7725             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Isophorone                                    | 6320             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Isosafrole                                    | 6325             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Kepone                                        | 7740             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Methapyrilene                                 | 6345             | NELAP              | FL            | 05/11/2023     |

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### Matrix: Solid and Chemical Materials

| Method   | Revision | TNI Method Code | Analyte                                       | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|----------|----------|-----------------|-----------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 | E        | 10242543        | Methyl methanesulfonate                       | 6375             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Methyl parathion (Parathion, methyl)          | 7825             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosodi-n-butylamine                      | 5025             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosodi-n-propylamine                     | 6545             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosodiethylamine                         | 6525             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosodimethylamine                        | 6530             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosodiphenylamine                        | 6535             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosomethylethylamine                     | 6550             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosomorpholine                           | 6555             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosopiperidine                           | 6560             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | N-Nitrosopyrrolidine                          | 6565             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Naphthalene                                   | 5005             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Nitrobenzene                                  | 5015             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | O,O,O-Triethyl phosphorothioate               | 8290             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Parathion, ethyl (Ethyl parathion, Parathion) | 7955             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Pentachlorobenzene                            | 6590             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Pentachloroethane                             | 5035             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Pentachloronitrobenzene (PCNB)                | 6600             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Pentachlorophenol (PCP)                       | 6605             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Phenacetin                                    | 6610             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Phenanthrene                                  | 6615             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 | E        | 10242543        | Phenol                                        | 6625             | NELAP              | FL            | 05/11/2023     |

*Ammerie Beach*

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## Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 021-001 expiration date 06/30/2026. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method       | Revision | TNI Method Code | Analyte                                    | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|--------------|----------|-----------------|--------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270     | E        | 10242543        | Phorate (Thimet)                           | 7985             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | Pronamide (Kerb)                           | 6650             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | Pyrene                                     | 6665             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | Pyridine                                   | 5095             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | Safrole                                    | 6685             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | Sulfotepp (Tetraethyl dithiopyrophosphate) | 8155             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | Thionazine (Thionazin, Zinophos)           | 8235             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | a,a-Dimethylphenethylamine (Phentermine)   | 6125             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | bis(2-Chloroethoxy)methane                 | 5760             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | bis(2-Chloroethyl) ether                   | 5765             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | bis(2-Ethylhexyl) phthalate (DEHP)         | 6065             | NELAP              | FL            | 05/11/2023     |
| EPA 8270     | E        | 10242543        | o-Toluidine (2-Toluidine, 2-Methylaniline) | 5145             | NELAP              | FL            | 05/11/2023     |
| EPA 8270 SIM | D        | 10242509        | 1,4-Dioxane (1,4-Diethyleneoxide)          | 4735             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Acenaphthene                               | 5500             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Acenaphthylene                             | 5505             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Anthracene                                 | 5555             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Benzo[a]anthracene                         | 5575             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Benzo[a]pyrene                             | 5580             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Benzo[b]fluoranthene                       | 5585             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Benzo[ghi]perylene                         | 5590             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Benzo[k]fluoranthene                       | 5600             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Chrysene (Benzo[a]phenanthrene)            | 5855             | NELAP              | PA            | 03/02/2016     |

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## Laboratory Scope of Accreditation



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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method       | Revision | TNI Method Code | Analyte                           | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|--------------|----------|-----------------|-----------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 SIM | D        | 10242509        | Dibenzo[a,h]anthracene            | 5895             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Fluoranthene                      | 6265             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Fluorene                          | 6270             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Indeno(1,2,3-cd)pyrene            | 6315             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Naphthalene                       | 5005             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Phenanthrene                      | 6615             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | D        | 10242509        | Pyrene                            | 6665             | NELAP              | PA            | 03/02/2016     |
| EPA 8270 SIM | E        | 10242565        | 1,4-Dioxane (1,4-Diethyleneoxide) | 4735             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Acenaphthene                      | 5500             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Acenaphthylene                    | 5505             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Anthracene                        | 5555             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Benzo[a]anthracene                | 5575             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Benzo[a]pyrene                    | 5580             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Benzo[b]fluoranthene              | 5585             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Benzo[ghi]perylene                | 5590             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Benzo[k]fluoranthene              | 5600             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Chrysene (Benzo[a]phenanthrene)   | 5855             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Dibenzo[a,h]anthracene            | 5895             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Fluoranthene                      | 6265             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Fluorene                          | 6270             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Indeno(1,2,3-cd)pyrene            | 6315             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Naphthalene                       | 5005             | NELAP              | PA            | 05/11/2023     |

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## Laboratory Scope of Accreditation



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**Microbac Laboratories, Inc.- Marietta Division**  
**158 Starlite Drive**  
**Marietta, OH 45750**  
**(740) 373-4071**

**DEP Laboratory ID: 68-01670**  
**EPA Lab Code: OH00218**  
**TNI Code: TNI00498**  
**PADWIS ID: 01670**

### Matrix: Solid and Chemical Materials

| Method       | Revision | TNI Method Code | Analyte                                                | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|--------------|----------|-----------------|--------------------------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 8270 SIM | E        | 10242565        | Phenanthrene                                           | 6615             | NELAP              | PA            | 05/11/2023     |
| EPA 8270 SIM | E        | 10242565        | Pyrene                                                 | 6665             | NELAP              | PA            | 05/11/2023     |
| EPA 8315     | A        | 10188008        | Formaldehyde                                           | 4815             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 1,3,5-Trinitrobenzene (1,3,5-TNB)                      | 6885             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 1,3-Dinitrobenzene (1,3-DNB)                           | 6160             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 2,4,6-Trinitrotoluene (2,4,6-TNT)                      | 9651             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 2,4-Dinitrotoluene (2,4-DNT)                           | 6185             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 2,6-Dinitrotoluene (2,6-DNT)                           | 6190             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 2-Amino-4,6-dinitrotoluene (2-Am-DNT)                  | 9303             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 2-Nitrotoluene                                         | 9507             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 3-Nitrotoluene                                         | 9510             | NELAP              | FL            | 07/07/2009     |
| EPA 8330     | B        | 10308006        | 4-Amino-2,6-dinitrotoluene (4-Am-DNT)                  | 9306             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | 4-Nitrotoluene                                         | 9513             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | Methyl-2,4,6-trinitrophenylnitramine (Tetryl)          | 6415             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | Nitrobenzene                                           | 5015             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | Nitroglycerin                                          | 6485             | NELAP              | FL            | 07/07/2009     |
| EPA 8330     | B        | 10308006        | Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) | 9522             | NELAP              | FL            | 06/16/2006     |
| EPA 8330     | B        | 10308006        | Pentaerythritol tetranitrate (PETN)                    | 9558             | NELAP              | FL            | 07/07/2009     |
| EPA 8330     | B        | 10308006        | RDX (Hexahydro-1,3,5-trinitro-1,3,5-triazine)          | 9432             | NELAP              | FL            | 06/16/2006     |
| EPA 9010     |          | 10192606        | Total cyanide                                          | 1645             | NELAP              | FL            | 06/16/2006     |
| EPA 9014     |          | 10193803        | Cyanide                                                | 1635             | NELAP              | FL            | 06/25/2019     |
| EPA 9030     | B        | 10195605        | Sulfide                                                | 2005             | NELAP              | FL            | 06/16/2006     |

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### Matrix: Solid and Chemical Materials

| Method          | Revision | TNI Method Code | Analyte                            | TNI Analyte Code | Accreditation Type | Primary State | Effective Date |
|-----------------|----------|-----------------|------------------------------------|------------------|--------------------|---------------|----------------|
| EPA 9034        |          | 10196006        | Sulfide                            | 2005             | NELAP              | FL            | 06/16/2006     |
| EPA 9045        | D        | 10198455        | Corrosivity (pH)                   | 1625             | NELAP              | FL            | 05/11/2023     |
| EPA 9056        | A        | 10199607        | Bromide                            | 1540             | NELAP              | FL            | 06/16/2006     |
| EPA 9056        | A        | 10199607        | Chloride                           | 1575             | NELAP              | FL            | 06/16/2006     |
| EPA 9056        | A        | 10199607        | Fluoride                           | 1730             | NELAP              | FL            | 06/16/2006     |
| EPA 9056        | A        | 10199607        | Nitrate as N                       | 1810             | NELAP              | FL            | 06/16/2006     |
| EPA 9056        | A        | 10199607        | Nitrite as N                       | 1840             | NELAP              | FL            | 06/16/2006     |
| EPA 9056        | A        | 10199607        | Sulfate                            | 2000             | NELAP              | FL            | 06/16/2006     |
| EPA 9071        |          | 10201204        | Oil and grease                     | 1803             | NELAP              | FL            | 06/24/2013     |
| EPA 9095        | B        | 10245600        | Paint filter liquids test          | 1434             | NELAP              | FL            | 05/11/2023     |
| SM 2540G - 2015 | 23rd ed. | 20052248        | Total, fixed, and volatile residue | 1725             | NELAP              | FL            | 07/09/2015     |

*Annmarie Beach*

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