



State of Florida
Department of Health, Bureau of Public Health Laboratories
This is to certify that



E871126

MICROBAC LABORATORIES, INC. - BALTIMORE
2101 VAN DEMAN STREET
BALTIMORE, MD 21224

has complied with Florida Administrative Code 64E-1,
for the examination of environmental samples in the following categories

DRINKING WATER - MICROBIOLOGY, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - MICROBIOLOGY, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: August 16, 2023 Expiration Date: June 30, 2024



A handwritten signature in blue ink that reads "Susanne Crowe".

For: Marie-Claire Rowlinson, PhD, D(ABMM)
Bureau of Public Health Laboratories
DH Form 1697, 7/04

NON-TRANSFERABLE E871126-44-08/16/2023
Supersedes all previously issued certificates



Laboratory Scope of Accreditation

Attachment to Certificate #: E871126-44, expiration date June 30, 2024. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E871126**

EPA Lab Code: **MD00015**

(410) 633-1800

E871126
Microbac Laboratories, Inc. - Baltimore
2101 Van Deman Street
Baltimore, MD 21224

Matrix: **Drinking Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1505	Alkalinity as CaCO3	SM 2320 B	20045607	Primary Inorganic Contaminants	1/12/2017
1000	Aluminum	EPA 200.7	10013806	Secondary Inorganic Contaminants	12/17/2020
1000	Aluminum	EPA 200.8	10014605	Secondary Inorganic Contaminants	1/12/2017
1005	Antimony	EPA 200.8	10014605	Primary Inorganic Contaminants	3/21/2019
1010	Arsenic	EPA 200.8	10014605	Primary Inorganic Contaminants	1/12/2017
1015	Barium	EPA 200.7	10013806	Primary Inorganic Contaminants	1/12/2017
1015	Barium	EPA 200.8	10014605	Primary Inorganic Contaminants	1/12/2017
1020	Beryllium	EPA 200.7	10013806	Primary Inorganic Contaminants	1/12/2017
1020	Beryllium	EPA 200.8	10014605	Primary Inorganic Contaminants	1/12/2017
1030	Cadmium	EPA 200.7	10013806	Primary Inorganic Contaminants	1/12/2017
1030	Cadmium	EPA 200.8	10014605	Primary Inorganic Contaminants	1/12/2017
1035	Calcium	EPA 200.7	10013806	Primary Inorganic Contaminants	1/12/2017
1580	Chlorine	SM 4500-Cl G	20081441	Primary Inorganic Contaminants	1/12/2017
1040	Chromium	EPA 200.7	10013806	Primary Inorganic Contaminants	1/12/2017
1040	Chromium	EPA 200.8	10014605	Primary Inorganic Contaminants	1/12/2017
1610	Conductivity	SM 2510 B	20048606	Primary Inorganic Contaminants	1/12/2017
1055	Copper	EPA 200.8	10014605	Primary Inorganic Contaminants	1/12/2017
2525	Escherichia coli	SM 9223 B	20037676	Microbiology	1/12/2017
1750	Hardness	SM 2340 B	20046600	Secondary Inorganic Contaminants	1/12/2017
2555	Heterotrophic plate count	SM 9215 B	20179811	Microbiology	1/12/2017
1070	Iron	EPA 200.7	10013806	Secondary Inorganic Contaminants	1/12/2017
1075	Lead	EPA 200.8	10014605	Primary Inorganic Contaminants	1/12/2017
1085	Magnesium	EPA 200.7	10013806	Primary Inorganic Contaminants	1/12/2017
1090	Manganese	EPA 200.7	10013806	Secondary Inorganic Contaminants	1/12/2017
1090	Manganese	EPA 200.8	10014605	Secondary Inorganic Contaminants	1/12/2017
1100	Molybdenum	EPA 200.7	10013806	Secondary Inorganic Contaminants	12/3/2021
1105	Nickel	EPA 200.7	10013806	Primary Inorganic Contaminants	1/12/2017
1105	Nickel	EPA 200.8	10014605	Primary Inorganic Contaminants	1/12/2017
1805	Nitrate	EPA 353.2	10067604	Primary Inorganic Contaminants	1/12/2017
1835	Nitrite	EPA 353.2	10067604	Primary Inorganic Contaminants	1/12/2017
1870	Orthophosphate as P	SM 4500-P E	20025803	Primary Inorganic Contaminants	1/12/2017
1900	pH	SM 4500-H+-B	20105219	Primary Inorganic Contaminants	1/12/2017
1125	Potassium	EPA 200.7	10013806	Secondary Inorganic Contaminants	1/12/2017
1955	Residue-filterable (TDS)	SM 2540 C	20050402	Secondary Inorganic Contaminants	6/3/2022
1140	Selenium	EPA 200.8	10014605	Primary Inorganic Contaminants	1/12/2017
1990	Silica as SiO2	EPA 200.7	10013806	Primary Inorganic Contaminants	1/12/2017

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Certification Type **NELAP**
Issue Date: 8/16/2023 **Expiration Date: 6/30/2024**



Laboratory Scope of Accreditation

Attachment to Certificate #: E871126-44, expiration date June 30, 2024. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E871126**

EPA Lab Code: **MD00015**

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Microbac Laboratories, Inc. - Baltimore
2101 Van Deman Street
Baltimore, MD 21224**

Matrix: **Drinking Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1150	Silver	EPA 200.7	10013806	Secondary Inorganic Contaminants	1/12/2017
1150	Silver	EPA 200.8	10014605	Secondary Inorganic Contaminants	1/12/2017
1155	Sodium	EPA 200.7	10013806	Primary Inorganic Contaminants	1/12/2017
1165	Thallium	EPA 200.8	10014605	Primary Inorganic Contaminants	1/12/2017
2500	Total coliforms	SM 9223 B	20037676	Microbiology	1/12/2017
1825	Total nitrate-nitrite	EPA 353.2	10067604	Primary Inorganic Contaminants	1/12/2017
2055	Turbidity	EPA 180.1	10011800	Secondary Inorganic Contaminants	10/13/2017
1185	Vanadium	EPA 200.7	10013806	Secondary Inorganic Contaminants	1/12/2017
1190	Zinc	EPA 200.7	10013806	Secondary Inorganic Contaminants	1/12/2017
1190	Zinc	EPA 200.8	10014605	Secondary Inorganic Contaminants	2/11/2022



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Microbac Laboratories, Inc. - Baltimore
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Baltimore, MD 21224

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1505	Alkalinity as CaCO3	SM 2320 B	20045607	General Chemistry	1/12/2017
1000	Aluminum	EPA 200.7	10013806	Metals	1/12/2017
1000	Aluminum	EPA 200.8	10014605	Metals	1/12/2017
1000	Aluminum	EPA 6010D	10155950	Metals	3/1/2023
1000	Aluminum	EPA 6020B	10156420	Metals	3/1/2023
1515	Ammonia as N	SM 4500-NH3 G-2011	20111415	General Chemistry	12/17/2019
1005	Antimony	EPA 200.7	10013806	Metals	1/12/2017
1005	Antimony	EPA 200.8	10014605	Metals	1/12/2017
1005	Antimony	EPA 6010D	10155950	Metals	3/1/2023
1005	Antimony	EPA 6020B	10156420	Metals	3/1/2023
1010	Arsenic	EPA 200.7	10013806	Metals	1/12/2017
1010	Arsenic	EPA 200.8	10014605	Metals	1/12/2017
1010	Arsenic	EPA 6010D	10155950	Metals	3/1/2023
1010	Arsenic	EPA 6020B	10156420	Metals	3/1/2023
1015	Barium	EPA 200.7	10013806	Metals	1/12/2017
1015	Barium	EPA 200.8	10014605	Metals	1/12/2017
1015	Barium	EPA 6010D	10155950	Metals	3/1/2023
1015	Barium	EPA 6020B	10156420	Metals	3/1/2023
1020	Beryllium	EPA 200.7	10013806	Metals	1/12/2017
1020	Beryllium	EPA 200.8	10014605	Metals	1/12/2017
1020	Beryllium	EPA 6010D	10155950	Metals	3/1/2023
1020	Beryllium	EPA 6020B	10156420	Metals	3/1/2023
1530	Biochemical oxygen demand	SM 5210 B	20027401	General Chemistry	1/12/2017
1025	Boron	EPA 200.7	10013806	Metals	1/12/2017
1025	Boron	EPA 6010D	10155950	Metals	3/1/2023
1030	Cadmium	EPA 200.7	10013806	Metals	1/12/2017
1030	Cadmium	EPA 200.8	10014605	Metals	1/12/2017
1030	Cadmium	EPA 6010D	10155950	Metals	3/1/2023
1030	Cadmium	EPA 6020B	10156420	Metals	3/1/2023
1035	Calcium	EPA 200.7	10013806	Metals	1/12/2017
1035	Calcium	EPA 6010D	10155950	Metals	3/1/2023
1035	Calcium	EPA 6020B	10156420	Metals	3/1/2023
1555	Carbonaceous BOD (CBOD)	SM 5210 B	20027401	General Chemistry	1/12/2017
1565	Chemical oxygen demand	EPA 410.4	10077404	General Chemistry	1/12/2017
1580	Chlorine	SM 4500-Cl G	20081441	General Chemistry	1/12/2017
1040	Chromium	EPA 200.7	10013806	Metals	1/12/2017

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Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1040	Chromium	EPA 200.8	10014605	Metals	1/12/2017
1040	Chromium	EPA 6010D	10155950	Metals	3/1/2023
1040	Chromium	EPA 6020B	10156420	Metals	3/1/2023
1050	Cobalt	EPA 200.7	10013806	Metals	1/12/2017
1050	Cobalt	EPA 200.8	10014605	Metals	1/12/2017
1050	Cobalt	EPA 6010D	10155950	Metals	3/1/2023
1050	Cobalt	EPA 6020B	10156420	Metals	3/1/2023
1610	Conductivity	SM 2510 B	20048606	General Chemistry	1/12/2017
1055	Copper	EPA 200.7	10013806	Metals	1/12/2017
1055	Copper	EPA 200.8	10014605	Metals	1/12/2017
1055	Copper	EPA 6010D	10155950	Metals	3/1/2023
1055	Copper	EPA 6020B	10156420	Metals	3/1/2023
2520	Enterococci	ENTEROLERT / QUANTI-TRAY	60030208	Microbiology	1/12/2017
2525	Escherichia coli	SM 9223 B /QUANTI-TRAY	20211603	Microbiology	12/17/2019
2530	Fecal coliforms	COLILERT®-18 (Fecal Coliforms)	60002688	Microbiology	12/17/2019
2530	Fecal coliforms	SM 9221 E	20227218	Microbiology	1/12/2017
1750	Hardness	SM 2340 C	20047603	General Chemistry	1/12/2017
1760	Hardness (calc.)	EPA 200.7	10013806	Metals	1/12/2017
2555	Heterotrophic plate count	SM 9215 B	20179811	Microbiology	1/12/2017
1070	Iron	EPA 200.7	10013806	Metals	1/12/2017
1070	Iron	EPA 6010D	10155950	Metals	3/1/2023
1795	Kjeldahl nitrogen - total	EPA 351.2	10065404	General Chemistry	10/29/2021
1075	Lead	EPA 200.7	10013806	Metals	1/12/2017
1075	Lead	EPA 200.8	10014605	Metals	1/12/2017
1075	Lead	EPA 6010D	10155950	Metals	3/1/2023
1075	Lead	EPA 6020B	10156420	Metals	3/1/2023
1085	Magnesium	EPA 200.7	10013806	Metals	1/12/2017
1085	Magnesium	EPA 6010D	10155950	Metals	3/1/2023
1085	Magnesium	EPA 6020B	10156420	Metals	3/1/2023
1090	Manganese	EPA 200.7	10013806	Metals	1/12/2017
1090	Manganese	EPA 200.8	10014605	Metals	1/12/2017
1090	Manganese	EPA 6010D	10155950	Metals	3/1/2023
1090	Manganese	EPA 6020B	10156420	Metals	3/1/2023
1100	Molybdenum	EPA 200.7	10013806	Metals	1/12/2017
1100	Molybdenum	EPA 200.8	10014605	Metals	1/12/2017

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Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1100	Molybdenum	EPA 6010D	10155950	Metals	3/1/2023
1100	Molybdenum	EPA 6020B	10156420	Metals	3/1/2023
1105	Nickel	EPA 200.7	10013806	Metals	1/12/2017
1105	Nickel	EPA 200.8	10014605	Metals	1/12/2017
1105	Nickel	EPA 6010D	10155950	Metals	3/1/2023
1105	Nickel	EPA 6020B	10156420	Metals	3/1/2023
1820	Nitrate-nitrite	EPA 353.2	10067604	General Chemistry	1/12/2017
1840	Nitrite as N	EPA 353.2	10067604	General Chemistry	1/12/2017
1865	Organic nitrogen	TKN minus AMMONIA	60034437	General Chemistry	1/12/2017
1870	Orthophosphate as P	SM 4500-P F-2011	20125024	General Chemistry	12/17/2019
1900	pH	SM 4500-H+-B	20105219	General Chemistry	1/12/2017
1910	Phosphorus, total	EPA 365.1	10070005	General Chemistry	1/12/2017
1910	Phosphorus, total	SM 4500-P F-2011	20125024	General Chemistry	12/17/2019
1125	Potassium	EPA 200.7	10013806	Metals	1/12/2017
1125	Potassium	EPA 6010D	10155950	Metals	3/1/2023
1125	Potassium	EPA 6020B	10156420	Metals	3/1/2023
1955	Residue-filterable (TDS)	SM 2540 C	20050402	General Chemistry	1/12/2017
1960	Residue-nonfilterable (TSS)	SM 2540 D	20004802	General Chemistry	1/12/2017
1965	Residue-settleable	SM 2540 F	20005009	General Chemistry	1/12/2017
1140	Selenium	EPA 200.7	10013806	Metals	1/12/2017
1140	Selenium	EPA 200.8	10014605	Metals	1/12/2017
1140	Selenium	EPA 6010D	10155950	Metals	3/1/2023
1140	Selenium	EPA 6020B	10156420	Metals	3/1/2023
1990	Silica as SiO2	EPA 200.7	10013806	Metals	9/6/2018
1150	Silver	EPA 200.7	10013806	Metals	6/20/2022
1150	Silver	EPA 200.8	10014605	Metals	4/29/2022
1150	Silver	EPA 6010D	10155950	Metals	3/1/2023
1150	Silver	EPA 6020B	10156420	Metals	3/1/2023
1155	Sodium	EPA 200.7	10013806	Metals	1/12/2017
1155	Sodium	EPA 6010D	10155950	Metals	3/1/2023
1155	Sodium	EPA 6020B	10156420	Metals	3/1/2023
1165	Thallium	EPA 200.7	10013806	Metals	1/12/2017
1165	Thallium	EPA 200.8	10014605	Metals	1/12/2017
1165	Thallium	EPA 6010D	10155950	Metals	3/1/2023
1165	Thallium	EPA 6020B	10156420	Metals	3/1/2023
1175	Tin	EPA 200.7	10013806	Metals	1/12/2017

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Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1175	Tin	EPA 6010D	10155950	Metals	3/1/2023
1180	Titanium	EPA 200.7	10013806	Metals	1/12/2017
1180	Titanium	EPA 6010D	10155950	Metals	3/1/2023
2500	Total coliforms	SM 9221 B	20191202	Microbiology	1/12/2017
2055	Turbidity	EPA 180.1	10011800	General Chemistry	1/12/2017
1185	Vanadium	EPA 200.7	10013806	Metals	1/12/2017
1185	Vanadium	EPA 200.8	10014605	Metals	1/12/2017
1185	Vanadium	EPA 6010D	10155950	Metals	3/1/2023
1185	Vanadium	EPA 6020B	10156420	Metals	3/1/2023
1190	Zinc	EPA 200.7	10013806	Metals	1/12/2017
1190	Zinc	EPA 200.8	10014605	Metals	1/12/2017
1190	Zinc	EPA 6010D	10155950	Metals	3/1/2023
1190	Zinc	EPA 6020B	10156420	Metals	3/1/2023



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Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1950	Residue-total	SM 2540 G	20005203	General Chemistry	1/12/2017
1970	Residue-volatile	SM 2540 G	20005203	General Chemistry	1/12/2017