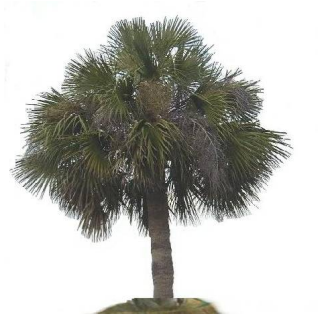

State of Florida
Department of Health, Bureau of Public Health Laboratories
This is to certify that

E871088

MICROBAC LABORATORIES, INC - KENTUCKY DIVISION
3323 GILMORE INDUSTRIAL BLVD.
LOUISVILLE, KY 40213

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

NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - MICROBIOLOGY

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: July 01, 2024 Expiration Date: June 30, 2025

Marie-Claire Rowlinson, PhD, D(ABMM)
Bureau of Public Health Laboratories
DH Form 1697, 7/04
NON-TRANSFERABLE E871088-60-07/01/2024
Supersedes all previously issued certificates

Laboratory Scope of Accreditation

Attachment to Certificate #: E871088-60, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E871088** **EPA Lab Code:** **KY00068** **(502) 962-6400**

E871088
Microbac Laboratories, Inc - Kentucky Division
3323 Gilmore Industrial Blvd.
Louisville, KY 40213

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1505	Alkalinity as CaCO3	SM 2320 B	20045607	General Chemistry	10/3/2018
1000	Aluminum	EPA 200.7	10013806	Metals	5/4/2022
1000	Aluminum	EPA 6010D	10155950	Metals	3/23/2023
1515	Ammonia as N	SM 4500-NH3 G (19th,20th,21st Ed.)/UV-VIS	20111211	General Chemistry	10/12/2023
1005	Antimony	EPA 200.7	10013806	Metals	10/3/2018
1005	Antimony	EPA 200.8	10014605	Metals	10/3/2018
1005	Antimony	EPA 6010D	10155950	Metals	3/23/2023
1010	Arsenic	EPA 200.7	10013806	Metals	5/4/2022
1010	Arsenic	EPA 200.8	10014605	Metals	9/12/2019
1010	Arsenic	EPA 6010D	10155950	Metals	3/23/2023
1015	Barium	EPA 200.7	10013806	Metals	10/3/2018
1015	Barium	EPA 200.8	10014605	Metals	10/3/2018
1015	Barium	EPA 6010D	10155950	Metals	3/23/2023
1020	Beryllium	EPA 200.7	10013806	Metals	10/3/2018
1020	Beryllium	EPA 6010D	10155950	Metals	3/23/2023
1530	Biochemical oxygen demand	SM 5210 B	20027401	General Chemistry	10/3/2018
1025	Boron	EPA 200.7	10013806	Metals	10/3/2018
1025	Boron	EPA 6010D	10155950	Metals	3/23/2023
1030	Cadmium	EPA 200.7	10013806	Metals	10/3/2018
1030	Cadmium	EPA 200.8	10014605	Metals	5/4/2022
1030	Cadmium	EPA 6010D	10155950	Metals	3/23/2023
1035	Calcium	EPA 200.7	10013806	Metals	10/12/2023
1035	Calcium	EPA 6010D	10155950	Metals	10/12/2023
1565	Chemical oxygen demand	SM 5220 D	20027809	General Chemistry	10/3/2018
1575	Chloride	EPA 300.0	10053200	General Chemistry	10/3/2018
1575	Chloride	EPA 9056A	10199607	Metals	3/23/2023
1040	Chromium	EPA 200.7	10013806	Metals	10/3/2018
1040	Chromium	EPA 200.8	10014605	Metals	11/16/2020
1040	Chromium	EPA 6010D	10155950	Metals	3/23/2023
1045	Chromium VI	SM 3500-Cr B (20th/21st/22nd Ed.)/UV-VIS	20066255	General Chemistry	10/3/2018
1050	Cobalt	EPA 200.7	10013806	Metals	10/3/2018
1050	Cobalt	EPA 6010D	10155950	Metals	3/23/2023
1610	Conductivity	SM 2510 B	20048606	General Chemistry	10/3/2018
1055	Copper	EPA 200.7	10013806	Metals	10/3/2018

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E871088
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Louisville, KY 40213

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1055	Copper	EPA 200.8	10014605	Metals	9/12/2019
1055	Copper	EPA 6010D	10155950	Metals	3/23/2023
2525	Escherichia coli	SM 9223 B /QUANTI-TRAY	20211603	Microbiology	10/3/2018
2530	Fecal coliforms	COLILERT®-18 (Fecal Coliforms)	60002688	Microbiology	10/3/2018
1730	Fluoride	EPA 300.0	10053200	General Chemistry	10/3/2018
1730	Fluoride	EPA 9056A	10199607	Metals	3/23/2023
1750	Hardness	SM 2340 B	20046600	General Chemistry	10/3/2018
1760	Hardness (calc.)	EPA 200.7	10013806	Metals	10/3/2018
1070	Iron	EPA 200.7	10013806	Metals	10/3/2018
1070	Iron	EPA 6010D	10155950	Metals	3/23/2023
1075	Lead	EPA 200.7	10013806	Metals	10/3/2018
1075	Lead	EPA 200.8	10014605	Metals	10/3/2018
1075	Lead	EPA 6010D	10155950	Metals	3/23/2023
1085	Magnesium	EPA 200.7	10013806	Metals	10/3/2018
1085	Magnesium	EPA 6010D	10155950	Metals	3/23/2023
1090	Manganese	EPA 200.7	10013806	Metals	10/3/2018
1090	Manganese	EPA 6010D	10155950	Metals	3/23/2023
1100	Molybdenum	EPA 200.7	10013806	Metals	10/3/2018
1100	Molybdenum	EPA 6010D	10155950	Metals	3/23/2023
1105	Nickel	EPA 200.7	10013806	Metals	10/3/2018
1105	Nickel	EPA 6010D	10155950	Metals	3/23/2023
1805	Nitrate	EPA 300.0	10053200	General Chemistry	10/3/2018
1805	Nitrate	EPA 9056A	10199607	Metals	3/23/2023
1835	Nitrite	EPA 300.0	10053200	General Chemistry	10/3/2018
1835	Nitrite	EPA 9056A	10199607	Metals	3/23/2023
1860	Oil & Grease	EPA 1664B	10261617	General Chemistry	10/3/2018
1900	pH	SM 4500-H+-B	20105219	General Chemistry	10/3/2018
1910	Phosphorus, total	EPA 200.7	10013806	Metals	10/3/2018
1910	Phosphorus, total	EPA 365.1	10070005	General Chemistry	10/3/2018
1910	Phosphorus, total	EPA 6010D	10155950	Metals	3/23/2023
1955	Residue-filterable (TDS)	SM 2540 C	20050402	General Chemistry	3/6/2020
1960	Residue-nonfilterable (TSS)	USGS I-3765-85	40011209	General Chemistry	10/30/2023
1965	Residue-settleable	SM 2540 F	20005009	General Chemistry	10/3/2018
1140	Selenium	EPA 200.7	10013806	Metals	10/3/2018
1140	Selenium	EPA 6010D	10155950	Metals	3/23/2023

Laboratory Scope of Accreditation

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Louisville, KY 40213

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1150	Silver	EPA 200.7	10013806	Metals	10/3/2018
1150	Silver	EPA 6010D	10155950	Metals	3/23/2023
2000	Sulfate	EPA 300.0	10053200	General Chemistry	10/3/2018
2000	Sulfate	EPA 9056A	10199607	Metals	3/23/2023
1165	Thallium	EPA 200.7	10013806	Metals	11/23/2021
1165	Thallium	EPA 200.8	10014605	Metals	9/6/2019
1165	Thallium	EPA 6010D	10155950	Metals	3/23/2023
1185	Vanadium	EPA 200.7	10013806	Metals	10/3/2018
1185	Vanadium	EPA 6010D	10155950	Metals	3/23/2023
1190	Zinc	EPA 200.7	10013806	Metals	10/3/2018
1190	Zinc	EPA 200.8	10014605	Metals	9/6/2019
1190	Zinc	EPA 6010D	10155950	Metals	3/23/2023