COMMONWEALTH OF VIRGINIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF CONSOLIDATED LABORATORY SERVICES

Certifies that

VA Laboratory ID#: 460285
Microbac Laboratories Inc., Baltimore Division

2101 Van Deman Street
Baltimore, MD 21224

Owner: J. TREVOR BOYCE
Operator: JOHN PORTER
Responsible Official: JOHN PORTER

Having met the requirements of 1 VAC 30-46 and
having been found compliant with the 2016 TNI Standard approved by The NELAC Institute
is hereby approved as an

Accredited Environmental Laboratory

As more fully described in the attached Scope of Accreditation

Effective Date: **October 27, 2026**
Expiration Date: **September 30, 2027**
Certificate # 14367

Marilyn Bibbs Freeman, Ph.D., HCLD(ABB), M(ASCP)

Continued accreditation status depends on successful ongoing participation in the program.
Certificate to be conspicuously displayed at the laboratory.
Not valid unless accompanied by a valid Virginia Environmental Laboratory Accreditation Program (VELAP) Scope of Accreditation.
Customers are urged to verify the laboratory's current accreditation status.

Certificate Not Transferable

Surrender Upon Revocation

Commonwealth of Virginia

Department of General Services
Division of Consolidated Laboratory Services

Scope of Accreditation

VELAP Certificate No.: 14367

Microbac Laboratories Inc., Baltimore Division
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Virginia Laboratory ID: 460285
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DRINKING WATER

METHOD	ANALYTE	PRIMARY
EPA 180.1 REV 2	TURBIDITY	FL
EPA 200.7 REV 4.4	BERYLLIUM	FL
EPA 200.7 REV 4.4	CALCIUM	FL
EPA 200.7 REV 4.4	IRON	FL
EPA 200.7 REV 4.4	MANGANESE	FL
EPA 200.7 REV 4.4	SILICA AS SIO2	FL
EPA 200.7 REV 4.4	SODIUM	FL
EPA 200.8 REV 5.4	ALUMINUM	FL
EPA 200.8 REV 5.4	ARSENIC	FL
EPA 200.8 REV 5.4	BERYLLIUM	FL
EPA 200.8 REV 5.4	CHROMIUM	FL
EPA 200.8 REV 5.4	LEAD	FL
EPA 200.8 REV 5.4	NICKEL	FL
EPA 200.8 REV 5.4	SILVER	FL
EPA 353.2 REV 2	NITRATE AS N	FL
EPA 353.2 REV 2	NITRITE AS N	FL
SM 2510 B-2021	CONDUCTIVITY	FL
SM 4500-CL G-2011	RESIDUAL FREE CHLORINE	FL
SM 4500-P E-2021	ORTHOPHOSPHATE AS P	FL
SM 9223 B COLILERT (P/A)	ESCHERICHIA COLI (E COLI)	FL
SM 9223 B COLILERT QUANTI-TRAY (MPN)	ESCHERICHIA COLI (E COLI)	FL

METHOD	ANALYTE	PRIMARY
EPA 200.7 REV 4.4	BARIUM	FL
EPA 200.7 REV 4.4	CADMIUM	FL
EPA 200.7 REV 4.4	CHROMIUM	FL
EPA 200.7 REV 4.4	MAGNESIUM	FL
EPA 200.7 REV 4.4	NICKEL	FL
EPA 200.7 REV 4.4	SILVER	FL
EPA 200.7 REV 4.4	ZINC	FL
EPA 200.8 REV 5.4	ANTIMONY	FL
EPA 200.8 REV 5.4	BARIUM	FL
EPA 200.8 REV 5.4	CADMIUM	FL
EPA 200.8 REV 5.4	COPPER	FL
EPA 200.8 REV 5.4	MANGANESE	FL
EPA 200.8 REV 5.4	SELENIUM	FL
EPA 200.8 REV 5.4	THALLIUM	FL
EPA 353.2 REV 2	NITRATE-NITRITE AS N	FL
SM 2320 B-2021	ALKALINITY AS CACO3	FL
SM 2540 C-2020	RESIDUE-FILTERABLE (TDS)	FL
SM 4500-H+ B-2021	PH	FL
SM 9215 B-2016	HETEROTROPHIC PLATE COUNT	FL
SM 9223 B COLILERT (P/A)	TOTAL COLIFORMS	FL
SM 9223 B COLILERT QUANTI-TRAY (MPN)	TOTAL COLIFORMS	FL

NON-POTABLE WATER

METHOD	ANALYTE	PRIMARY
COLILERT QUANTI-TRAY (MPN)	ESCHERICHIA COLI (E COLI)	FL
EPA 180.1 REV 2	TURBIDITY	FL
EPA 200.7 REV 4.4	ANTIMONY	FL
EPA 200.7 REV 4.4	BARIUM	FL
EPA 200.7 REV 4.4	BORON	FL
EPA 200.7 REV 4.4	CALCIUM	FL
EPA 200.7 REV 4.4	COBALT	FL
EPA 200.7 REV 4.4	IRON	FL
EPA 200.7 REV 4.4	MAGNESIUM	FL
EPA 200.7 REV 4.4	MOLYBDENUM	FL
EPA 200.7 REV 4.4	POTASSIUM	FL
EPA 200.7 REV 4.4	SILICA AS SIO2	FL
EPA 200.7 REV 4.4	SODIUM	FL

METHOD	ANALYTE	PRIMARY
ENTEROLERT®	ENTEROCOCCI	FL
EPA 200.7 REV 4.4	ALUMINUM	FL
EPA 200.7 REV 4.4	ARSENIC	FL
EPA 200.7 REV 4.4	BERYLLIUM	FL
EPA 200.7 REV 4.4	CADMIUM	FL
EPA 200.7 REV 4.4	CHROMIUM	FL
EPA 200.7 REV 4.4	COPPER	FL
EPA 200.7 REV 4.4	LEAD	FL
EPA 200.7 REV 4.4	MANGANESE	FL
EPA 200.7 REV 4.4	NICKEL	FL
EPA 200.7 REV 4.4	SELENIUM	FL
EPA 200.7 REV 4.4	SILVER	FL
EPA 200.7 REV 4.4	THALLIUM	FL

This Scope of Accreditation must accompany the Certificate issued by Virginia DCLS with the same Certificate Number indicated above.

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NON-POTABLE WATER

METHOD	ANALYTE	PRIMARY
EPA 200.7 REV 4.4	TIN	FL
EPA 200.7 REV 4.4	TOTAL HARDNESS AS CACO3	FL
EPA 200.7 REV 4.4	ZINC	FL
EPA 200.8 REV 5.4	ANTIMONY	FL
EPA 200.8 REV 5.4	BARIUM	FL
EPA 200.8 REV 5.4	CADMIUM	FL
EPA 200.8 REV 5.4	COBALT	FL
EPA 200.8 REV 5.4	LEAD	FL
EPA 200.8 REV 5.4	MOLYBDENUM	FL
EPA 200.8 REV 5.4	SELENIUM	FL
EPA 200.8 REV 5.4	THALLIUM	FL
EPA 200.8 REV 5.4	ZINC	FL
EPA 353.2 REV 2	NITRATE-NITRITE AS N	FL
EPA 365.1 REV 2	PHOSPHORUS, TOTAL	FL
EPA 6010 D	ANTIMONY	FL
EPA 6010 D	BARIUM	FL
EPA 6010 D	BORON	FL
EPA 6010 D	CALCIUM	FL
EPA 6010 D	COBALT	FL
EPA 6010 D	IRON	FL
EPA 6010 D	MAGNESIUM	FL
EPA 6010 D	MOLYBDENUM	FL
EPA 6010 D	POTASSIUM	FL
EPA 6010 D	SILVER	FL
EPA 6010 D	THALLIUM	FL
EPA 6010 D	TITANIUM	FL
EPA 6010 D	ZINC	FL
EPA 6020 B	ANTIMONY	FL
EPA 6020 B	BARIUM	FL
EPA 6020 B	CADMIUM	FL
EPA 6020 B	CHROMIUM	FL
EPA 6020 B	COPPER	FL
EPA 6020 B	MAGNESIUM	FL
EPA 6020 B	MOLYBDENUM	FL
EPA 6020 B	POTASSIUM	FL
EPA 6020 B	SILVER	FL
EPA 6020 B	THALLIUM	FL
EPA 6020 B	ZINC	FL
SM 2340 C-2021	TOTAL HARDNESS AS CACO3	FL

METHOD	ANALYTE	PRIMARY
EPA 200.7 REV 4.4	TITANIUM	FL
EPA 200.7 REV 4.4	VANADIUM	FL
EPA 200.8 REV 5.4	ALUMINUM	FL
EPA 200.8 REV 5.4	ARSENIC	FL
EPA 200.8 REV 5.4	BERYLLIUM	FL
EPA 200.8 REV 5.4	CHROMIUM	FL
EPA 200.8 REV 5.4	COPPER	FL
EPA 200.8 REV 5.4	MANGANESE	FL
EPA 200.8 REV 5.4	NICKEL	FL
EPA 200.8 REV 5.4	SILVER	FL
EPA 200.8 REV 5.4	VANADIUM	FL
EPA 351.2 REV 2	KJELDAHL NITROGEN - TOTAL (TKN)	FL
EPA 353.2 REV 2	NITRITE AS N	FL
EPA 6010 D	ALUMINUM	FL
EPA 6010 D	ARSENIC	FL
EPA 6010 D	BERYLLIUM	FL
EPA 6010 D	CADMIUM	FL
EPA 6010 D	CHROMIUM	FL
EPA 6010 D	COPPER	FL
EPA 6010 D	LEAD	FL
EPA 6010 D	MANGANESE	FL
EPA 6010 D	NICKEL	FL
EPA 6010 D	SELENIUM	FL
EPA 6010 D	SODIUM	FL
EPA 6010 D	TIN	FL
EPA 6010 D	VANADIUM	FL
EPA 6020 B	ALUMINUM	FL
EPA 6020 B	ARSENIC	FL
EPA 6020 B	BERYLLIUM	FL
EPA 6020 B	CALCIUM	FL
EPA 6020 B	COBALT	FL
EPA 6020 B	LEAD	FL
EPA 6020 B	MANGANESE	FL
EPA 6020 B	NICKEL	FL
EPA 6020 B	SELENIUM	FL
EPA 6020 B	SODIUM	FL
EPA 6020 B	VANADIUM	FL
SM 2320 B-2021	ALKALINITY AS CACO3	FL
SM 2510 B-2021	CONDUCTIVITY	FL

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SM 2540 C-2020	RESIDUE-FILTERABLE (TDS)	FL
SM 2540 F-2020	RESIDUE-SETTLEABLE	FL
SM 5210 B-2016	BIOCHEMICAL OXYGEN DEMAND (BOD)	FL
SM 9221 B-2014	TOTAL COLIFORMS	FL
TOTAL KJELDAHL N MINUS AMMONIA N (SM 4500-NH3 D-2021)	ORGANIC NITROGEN	FL

METHOD	ANALYTE	PRIMARY
SM 2540 D-2020	RESIDUE-NONFILTERABLE (TSS)	FL
SM 4500-P F-2021	ORTHOPHOSPHATE AS P	FL
SM 5210 B-2016	CARBONACEOUS BOD (CBOD)	FL
SM 9221 E-2014	FECAL COLIFORMS	FL

SOLID AND CHEMICAL MATERIALS

METHOD	ANALYTE	PRIMARY
SM 2540 G-2011	RESIDUE-TOTAL (TS)	FL

METHOD	ANALYTE	PRIMARY
SM 2540 G-2011	RESIDUE-VOLATILE	FL