



**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: PETER INDICK
Responsible Official: ADAM G BOYCE**

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: March 15, 2024
Expiration Date: March 14, 2025
Certificate # 12753**


Denise M. Toney, Ph.D., HCLD

DGS Deputy Director for Laboratories

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.



Commonwealth of Virginia
 Department of General Services
 Division of Consolidated Laboratory Services



Scope of Accreditation

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Virginia Laboratory ID: 460285
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DRINKING WATER

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 180.1 REV 2	TURBIDITY	FL	EPA 200.7 REV 4.4	ALUMINIUM	FL
EPA 200.7 REV 4.4	BARIIUM	FL	EPA 200.7 REV 4.4	BERYLLIUM	FL
EPA 200.7 REV 4.4	CADMIUM	FL	EPA 200.7 REV 4.4	CALCIUM	FL
EPA 200.7 REV 4.4	CHROMIUM	FL	EPA 200.7 REV 4.4	IRON	FL
EPA 200.7 REV 4.4	MAGNESIUM	FL	EPA 200.7 REV 4.4	MANGANESE	FL
EPA 200.7 REV 4.4	NICKEL	FL	EPA 200.7 REV 4.4	SILICA AS SIO2	FL
EPA 200.7 REV 4.4	SILVER	FL	EPA 200.7 REV 4.4	SODIUM	FL
EPA 200.7 REV 4.4	ZINC	FL	EPA 200.8 REV 5.4	ALUMINIUM	FL
EPA 200.8 REV 5.4	ANTIMONY	FL	EPA 200.8 REV 5.4	ARSENIC	FL
EPA 200.8 REV 5.4	BARIIUM	FL	EPA 200.8 REV 5.4	BERYLLIUM	FL
EPA 200.8 REV 5.4	CADMIUM	FL	EPA 200.8 REV 5.4	CHROMIUM	FL
EPA 200.8 REV 5.4	COPPER	FL	EPA 200.8 REV 5.4	LEAD	FL
EPA 200.8 REV 5.4	MANGANESE	FL	EPA 200.8 REV 5.4	NICKEL	FL
EPA 200.8 REV 5.4	SELENIUM	FL	EPA 200.8 REV 5.4	SILVER	FL
EPA 200.8 REV 5.4	THALLIUM	FL	EPA 200.8 REV 5.4	ZINC	FL
EPA 353.2 REV 2	NITRATE AS N	FL	EPA 353.2 REV 2	NITRATE-NITRITE AS N	FL
EPA 353.2 REV 2	NITRITE AS N	FL	SM 2320 B-2011	ALKALINITY AS CaCO3	FL
SM 2510 B-2011	CONDUCTIVITY	FL	SM 2540 C-2015	RESIDUE-FILTERABLE (TDS)	FL
SM 4500-CL G-2011	RESIDUAL FREE CHLORINE	FL	SM 4500-H+B-2011	PH	FL
SM 4500-P E-2011	ORTHOPHOSPHATE AS P	FL	SM 9215 B-2004	HETEROTROPHIC PLATE COUNT	FL
SM 9223 B COLILERT (P/A)	ESCHERICHIA COLI (E COLI)	FL	SM 9223 B COLILERT (P/A)	TOTAL COLIFORMS	FL
SM 9223 B COLILERT QUANTI-TRAY (MPN)	ESCHERICHIA COLI (E COLI)	FL	SM 9223 B COLILERT QUANTI-TRAY (MPN)	TOTAL COLIFORMS	FL

NON-POTABLE WATER

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
ENTEROLERT®	ENTEROCOCCI	FL	EPA 180.1 REV 2	TURBIDITY	FL
EPA 200.7 REV 4.4	ALUMINIUM	FL	EPA 200.7 REV 4.4	ANTIMONY	FL
EPA 200.7 REV 4.4	ARSENIC	FL	EPA 200.7 REV 4.4	BARIIUM	FL
EPA 200.7 REV 4.4	BERYLLIUM	FL	EPA 200.7 REV 4.4	BORON	FL
EPA 200.7 REV 4.4	CADMIUM	FL	EPA 200.7 REV 4.4	CALCIUM	FL
EPA 200.7 REV 4.4	CHROMIUM	FL	EPA 200.7 REV 4.4	COBALT	FL
EPA 200.7 REV 4.4	COPPER	FL	EPA 200.7 REV 4.4	IRON	FL
EPA 200.7 REV 4.4	LEAD	FL	EPA 200.7 REV 4.4	MAGNESIUM	FL
EPA 200.7 REV 4.4	MANGANESE	FL	EPA 200.7 REV 4.4	MOLYBDENUM	FL
EPA 200.7 REV 4.4	NICKEL	FL	EPA 200.7 REV 4.4	POTASSIUM	FL
EPA 200.7 REV 4.4	SELENIUM	FL	EPA 200.7 REV 4.4	SILICA AS SIO2	FL
EPA 200.7 REV 4.4	SILVER	FL			

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



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EPA 200.7 REV 4.4	SODIUM	FL	EPA 200.7 REV 4.4	THALLIUM	FL
EPA 200.7 REV 4.4	TIN	FL	EPA 200.7 REV 4.4	TITANIUM	FL
EPA 200.7 REV 4.4	TOTAL HARDNESS AS CaCO3	FL	EPA 200.7 REV 4.4	VANADIUM	FL
EPA 200.7 REV 4.4	ZINC	FL	EPA 200.8 REV 5.4	ALUMINUM	FL
EPA 200.8 REV 5.4	ANTIMONY	FL	EPA 200.8 REV 5.4	ARSENIC	FL
EPA 200.8 REV 5.4	BARIUM	FL	EPA 200.8 REV 5.4	BERYLLIUM	FL
EPA 200.8 REV 5.4	CADMIUM	FL	EPA 200.8 REV 5.4	CHROMIUM	FL
EPA 200.8 REV 5.4	COBALT	FL	EPA 200.8 REV 5.4	COPPER	FL
EPA 200.8 REV 5.4	LEAD	FL	EPA 200.8 REV 5.4	MANGANESE	FL
EPA 200.8 REV 5.4	MOLYBDENUM	FL	EPA 200.8 REV 5.4	NICKEL	FL
EPA 200.8 REV 5.4	SELENIUM	FL	EPA 200.8 REV 5.4	SILVER	FL
EPA 200.8 REV 5.4	THALLIUM	FL	EPA 200.8 REV 5.4	VANADIUM	FL
EPA 200.8 REV 5.4	ZINC	FL	EPA 351.2 REV 2	KJELDAHL NITROGEN - TOTAL (TKN)	FL
EPA 353.2 REV 2	NITRATE-NITRITE AS N	FL	EPA 353.2 REV 2	NITRITE AS N	FL
EPA 365.1 REV 2	PHOSPHORUS, TOTAL	FL	EPA 410.4 REV 2	CHEMICAL OXYGEN DEMAND (COD)	FL
EPA 6010 D	ALUMINUM	FL	EPA 6010 D	ANTIMONY	FL
EPA 6010 D	ARSENIC	FL	EPA 6010 D	BARIUM	FL
EPA 6010 D	BERYLLIUM	FL	EPA 6010 D	BORON	FL
EPA 6010 D	CADMIUM	FL	EPA 6010 D	CALCIUM	FL
EPA 6010 D	CHROMIUM	FL	EPA 6010 D	COBALT	FL
EPA 6010 D	COPPER	FL	EPA 6010 D	IRON	FL
EPA 6010 D	LEAD	FL	EPA 6010 D	MAGNESIUM	FL
EPA 6010 D	MANGANESE	FL	EPA 6010 D	MOLYBDENUM	FL
EPA 6010 D	NICKEL	FL	EPA 6010 D	POTASSIUM	FL
EPA 6010 D	SELENIUM	FL	EPA 6010 D	SILVER	FL
EPA 6010 D	SODIUM	FL	EPA 6010 D	THALLIUM	FL
EPA 6010 D	TIN	FL	EPA 6010 D	TITANIUM	FL
EPA 6010 D	VANADIUM	FL	EPA 6010 D	ZINC	FL
EPA 6020 B	ALUMINUM	FL	EPA 6020 B	ANTIMONY	FL
EPA 6020 B	ARSENIC	FL	EPA 6020 B	BARIUM	FL
EPA 6020 B	BERYLLIUM	FL	EPA 6020 B	CADMIUM	FL
EPA 6020 B	CALCIUM	FL	EPA 6020 B	CHROMIUM	FL
EPA 6020 B	COBALT	FL	EPA 6020 B	COPPER	FL
EPA 6020 B	LEAD	FL	EPA 6020 B	MAGNESIUM	FL
EPA 6020 B	MANGANESE	FL	EPA 6020 B	MOLYBDENUM	FL
EPA 6020 B	NICKEL	FL	EPA 6020 B	POTASSIUM	FL
EPA 6020 B	SELENIUM	FL	EPA 6020 B	SILVER	FL
EPA 6020 B	SODIUM	FL	EPA 6020 B	THALLIUM	FL

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EPA 6020 B	VANADIUM	FL	EPA 6020 B	ZINC	FL
SM 2320 B-2011	ALKALINITY AS CaCO ₃	FL	SM 2340 C-2011	TOTAL HARDNESS AS CaCO ₃	FL
SM 2510 B-2011	CONDUCTIVITY	FL	SM 2540 C-2015	RESIDUE-FILTERABLE (TDS)	FL
SM 2540 D-2015	RESIDUE-NONFILTERABLE (TSS)	FL	SM 2540 F-2015	RESIDUE-SETTLABLE	FL
SM 4500-P F-2011	ORTHOPHOSPHATE AS P	FL	SM 5210 B-2016	BIOCHEMICAL OXYGEN DEMAND (BOD)	FL
SM 5210 B-2016	CARBONACEOUS BOD (CBOD)	FL	SM 9221 B-2014	TOTAL COLIFORMS	FL
SM 9221 E-2014	FECAL COLIFORMS	FL	TOTAL KJELDAHL N MINUS AMMONIA N (SM 4500-NH ₃ D-2011)	ORGANIC NITROGEN	FL

SOLID AND CHEMICAL MATERIALS

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
SM 2540 G-2011	RESIDUE-TOTAL (TS)	FL	SM 2540 G-2011	RESIDUE-VOLATILE	FL