



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



Certifies that

**VA Laboratory ID#: 460187
Microbac Laboratories, Inc. - Marietta OH
158 Starlite Drive
Marietta, OH 45750**

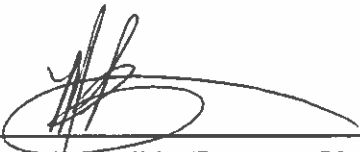
**Owner: J. TREVOR BOYCE
Operator: ANTHONY D. CANTER
Responsible Official: ANTHONY CANTER**

**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: September 15, 2023
Expiration Date: September 14, 2024
Certificate # 12611**

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.


Marilyn Bibbs Freeman, Ph.D., M(ASCP)
DCLS Deputy Director



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



Scope of Accreditation

VELAP Certificate No.: 12611

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Virginia Laboratory ID: 460187
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Expiration Date: September 14, 2024

NON-POTABLE WATER

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 1010 A	FLASHPOINT	FL	EPA 1010 B	FLASHPOINT	VA
EPA 120.1	CONDUCTIVITY	FL	EPA 160.4	RESIDUE-VOLATILE	FL
EPA 1664 A	OIL AND GREASE (AS N-HEXANE EXTRACTABLE MATERIAL (HEM))	FL	EPA 1664 A	TOTAL PETROLEUM HYDROCARBONS (TPH) (AS NONPOLAR MATERIAL, SGT-HEM)	FL
EPA 180.1 REV 2	TURBIDITY	FL	EPA 200.7 REV 4.4	ALUMINUM	FL
EPA 200.7 REV 4.4	ANTIMONY	FL	EPA 200.7 REV 4.4	ARSENIC	FL
EPA 200.7 REV 4.4	BARIUM	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	PHOSPHORUS, TOTAL	FL	EPA 200.7 REV 4.4	POTASSIUM	FL
EPA 200.7 REV 4.4	SELENIUM	FL	EPA 200.7 REV 4.4	SILVER	FL
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 CaCO ₃	FL	EPA 200.7 REV 4.4	VANADIUM	FL
EPA 200.7 REV 4.4	ZINC	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	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	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 245.1 REV 3	MERCURY	FL	EPA 300.0 REV 2.1	BROMIDE	FL
EPA 300.0 REV 2.1	CHLORIDE	FL	EPA 300.0 REV 2.1	FLUORIDE	FL
EPA 300.0 REV 2.1	NITRATE AS N	FL	EPA 300.0 REV 2.1	NITRITE AS N	FL
EPA 300.0 REV 2.1	SULFATE	FL	EPA 310.2	ALKALINITY AS CaCO ₃	FL
EPA 350.1 REV 2	AMMONIA AS N	FL	EPA 351.2 REV 2	KJELDAHL NITROGEN - TOTAL (TKN)	FL
EPA 353.2 REV 2	NITRATE AS N	FL	EPA 353.2 REV 2	NITRATE-NITRITE AS N	FL
EPA 365.4	PHOSPHORUS, TOTAL	FL	EPA 410.4 REV 2	CHEMICAL OXYGEN DEMAND (COD)	FL
EPA 6010 B	ALUMINUM	FL	EPA 6010 B	ANTIMONY	FL
EPA 6010 B	ARSENIC	FL	EPA 6010 B	BARIUM	FL
EPA 6010 B	BERYLLIUM	FL	EPA 6010 B	BORON	FL
EPA 6010 B	CADMIUM	FL	EPA 6010 B	CALCIUM	FL
EPA 6010 B	CHROMIUM	FL	EPA 6010 B	COBALT	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	METHOD	ANALYTE	PRIMARY
EPA 6010 B	COPPER	FL	EPA 6010 B	IRON	FL
EPA 6010 B	LEAD	FL	EPA 6010 B	LITHIUM	FL
EPA 6010 B	MAGNESIUM	FL	EPA 6010 B	MANGANESE	FL
EPA 6010 B	MOLYBDENUM	FL	EPA 6010 B	NICKEL	FL
EPA 6010 B	PHOSPHORUS, TOTAL	FL	EPA 6010 B	POTASSIUM	FL
EPA 6010 B	SELENIUM	FL	EPA 6010 B	SILICA AS SiO ₂	FL
EPA 6010 B	SILVER	FL	EPA 6010 B	SODIUM	FL
EPA 6010 B	STRONTIUM	FL	EPA 6010 B	THALLIUM	FL
EPA 6010 B	TIN	FL	EPA 6010 B	TITANIUM	FL
EPA 6010 B	VANADIUM	FL	EPA 6010 B	ZINC	FL
EPA 6010 C	ALUMINUM	FL	EPA 6010 C	ANTIMONY	FL
EPA 6010 C	ARSENIC	FL	EPA 6010 C	BARIUM	FL
EPA 6010 C	BERYLLIUM	FL	EPA 6010 C	BORON	FL
EPA 6010 C	CADMIUM	FL	EPA 6010 C	CALCIUM	FL
EPA 6010 C	CHROMIUM	FL	EPA 6010 C	COBALT	FL
EPA 6010 C	COPPER	FL	EPA 6010 C	IRON	FL
EPA 6010 C	LEAD	FL	EPA 6010 C	LITHIUM	FL
EPA 6010 C	MAGNESIUM	FL	EPA 6010 C	MANGANESE	FL
EPA 6010 C	MOLYBDENUM	FL	EPA 6010 C	NICKEL	FL
EPA 6010 C	PHOSPHORUS, TOTAL	FL	EPA 6010 C	POTASSIUM	FL
EPA 6010 C	SELENIUM	FL	EPA 6010 C	SILICA AS SiO ₂	FL
EPA 6010 C	SILVER	FL	EPA 6010 C	SODIUM	FL
EPA 6010 C	STRONTIUM	FL	EPA 6010 C	THALLIUM	FL
EPA 6010 C	TIN	FL	EPA 6010 C	TITANIUM	FL
EPA 6010 C	VANADIUM	FL	EPA 6010 C	ZINC	FL
EPA 6010 C - EXTENDED	SILICON	FL	EPA 6020 A	ANTIMONY	FL
EPA 6020 A	ARSENIC	FL	EPA 6020 A	BARIUM	FL
EPA 6020 A	CADMIUM	FL	EPA 6020 A	CHROMIUM	FL
EPA 6020 A	COBALT	FL	EPA 6020 A	COPPER	FL
EPA 6020 A	LEAD	FL	EPA 6020 A	MANGANESE	FL
EPA 6020 A	NICKEL	FL	EPA 6020 A	SELENIUM	FL
EPA 6020 A	SILVER	FL	EPA 6020 A	THALLIUM	FL
EPA 6020 A	VANADIUM	FL	EPA 6020 A	ZINC	FL
EPA 6020 A - EXTENDED	URANIUM (MASS)	FL	EPA 608.3	4,4'-DDD	FL
EPA 608.3	4,4'-DDE	FL	EPA 608.3	4,4'-DDT	FL
EPA 608.3	ALDRIN	FL	EPA 608.3	ALPHA-BHC (ALPHA-HEXACHLOROCYCLOHEXANE)	FL
EPA 608.3	AROCLOR-1016 (PCB-1016)	FL	EPA 608.3	AROCLOR-1221 (PCB-1221)	FL
EPA 608.3	AROCLOR-1232 (PCB-1232)	FL	EPA 608.3	AROCLOR-1242 (PCB-1242)	FL

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METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 608.3	AROCLOR-1248 (PCB-1248)	FL	EPA 608.3	AROCLOR-1254 (PCB-1254)	FL
EPA 608.3	AROCLOR-1260 (PCB-1260)	FL	EPA 608.3	BETA-BHC (BETA-HEXACHLOROCYCLOHEXANE)	FL
EPA 608.3	DELTA-BHC	FL	EPA 608.3	DIELDRIN	FL
EPA 608.3	ENDOSULFAN I	FL	EPA 608.3	ENDOSULFAN II	FL
EPA 608.3	ENDOSULFAN SULFATE	FL	EPA 608.3	ENDRIN	FL
EPA 608.3	ENDRIN ALDEHYDE	FL	EPA 608.3	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	FL
EPA 608.3	HEPTACHLOR	FL	EPA 608.3	HEPTACHLOR EPOXIDE	FL
EPA 608.3	TOXAPHENE (CHLORINATED CAMPHENE)	FL	EPA 624.1	1,1,1-TRICHLOROETHANE	FL
EPA 624.1	1,1,2,2-TETRACHLOROETHANE	FL	EPA 624.1	1,1,2-TRICHLOROETHANE	FL
EPA 624.1	1,1-DICHLOROETHANE	FL	EPA 624.1	1,1-DICHLOROETHYLENE	FL
EPA 624.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	FL	EPA 624.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	FL
EPA 624.1	1,2-DICHLOROPROPANE	FL	EPA 624.1	1,3-DICHLOROBENZENE (M-DICHLOROBENZENE)	FL
EPA 624.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	FL	EPA 624.1	2-CHLOROETHYL VINYL ETHER	FL
EPA 624.1	ACROLEIN (PROPENAL)	FL	EPA 624.1	ACRYLONITRILE	FL
EPA 624.1	BENZENE	FL	EPA 624.1	BROMODICHLOROMETHANE	FL
EPA 624.1	BROMOFORM	FL	EPA 624.1	CARBON TETRACHLORIDE	FL
EPA 624.1	CHLOROBENZENE	FL	EPA 624.1	CHLORODIBROMOMETHANE	FL
EPA 624.1	CHLOROETHANE (ETHYL CHLORIDE)	FL	EPA 624.1	CHLOROFORM	FL
EPA 624.1	CIS-1,3-DICHLOROPROPENE	FL	EPA 624.1	ETHYLBENZENE	FL
EPA 624.1	METHYL BROMIDE (BROMOMETHANE)	FL	EPA 624.1	METHYL CHLORIDE (CHLOROMETHANE)	FL
EPA 624.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	FL	EPA 624.1	TETRACHLOROETHENE (PERCHLOROETHENE)	FL
EPA 624.1	TOLUENE	FL	EPA 624.1	TRANS-1,2-DICHLOROETHENE	FL
EPA 624.1	TRANS-1,3-DICHLOROPROPENE (TRANS-1,3-DICHLOROPROPYLENE)	FL	EPA 624.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	FL
EPA 624.1	TRICHLOROFLUOROMETHANE (FLUOROTRICHLOROMETHANE, FREON 11)	FL	EPA 624.1	VINYL CHLORIDE (CHLOROETHENE)	FL
EPA 624.1	XYLENE (TOTAL)	FL	EPA 625.1	1,2,4-TRICHLOROBENZENE	FL
EPA 625.1	2,2'-OXYBIS(1-CHLOROPROPANE)	FL	EPA 625.1	2,4,6-TRICHLOROPHENOL	FL
EPA 625.1	2,4-DICHLOROPHENOL	FL	EPA 625.1	2,4-DIMETHYLPHENOL	FL
EPA 625.1	2,4-DINITROPHENOL	FL	EPA 625.1	2,4-DINITROTOLUENE (2,4-DNT)	FL
EPA 625.1	2,6-DINITROTOLUENE (2,6-DNT)	FL	EPA 625.1	2-CHLORONAPHTHALENE	FL
EPA 625.1	2-CHLOROPHENOL	FL	EPA 625.1	2-METHYL-4,6-DINITROPHENOL (4,6-DINITRO-2-METHYLPHENOL)	FL
EPA 625.1	2-NITROPHENOL	FL	EPA 625.1	3,3'-DICHLOROBENZIDINE	FL

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METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 625.1	4-BROMOPHENYL PHENYL ETHER (BDE-3)	FL	EPA 625.1	4-CHLORO-3-METHYLPHENOL	FL
EPA 625.1	4-CHLOROPHENYL PHENYLETHER	FL	EPA 625.1	4-NITROPHENOL	FL
EPA 625.1	ACENAPHTHENE	FL	EPA 625.1	ACENAPHTHYLENE	FL
EPA 625.1	ANTHRACENE	FL	EPA 625.1	BENZIDINE	FL
EPA 625.1	BENZO(A)ANTHRACENE	FL	EPA 625.1	BENZO(A)PYRENE	FL
EPA 625.1	BENZO(B)FLUORANTHENE	FL	EPA 625.1	BENZO(G,H,I)PERYLENE	FL
EPA 625.1	BENZO(K)FLUORANTHENE	FL	EPA 625.1	BIS(2-CHLOROETHOXY)METHANE	FL
EPA 625.1	BIS(2-CHLOROETHYL) ETHER	FL	EPA 625.1	BIS(2-ETHYLHEXYL) PHTHALATE (D(2-ETHYLHEXYL)PHTHALATE), (DEHP)	FL
EPA 625.1	BUTYL BENZYL PHTHALATE	FL	EPA 625.1	CHRYSENE	FL
EPA 625.1	DI-N-BUTYL PHTHALATE	FL	EPA 625.1	DI-N-OCTYL PHTHALATE	FL
EPA 625.1	DIBENZO(A,H) ANTHRACENE	FL	EPA 625.1	DIETHYL PHTHALATE	FL
EPA 625.1	DIMETHYL PHTHALATE	FL	EPA 625.1	FLUORANTHENE	FL
EPA 625.1	FLUORENE	FL	EPA 625.1	HEXACHLOROBENZENE	FL
EPA 625.1	HEXACHLOROBUTADIENE (1,3-HEXACHLOROBUTADIENE)	FL	EPA 625.1	HEXACHLOROCYCLOPENTADIENE	FL
EPA 625.1	HEXACHLOROETHANE	FL	EPA 625.1	INDENO(1,2,3-CD) PYRENE	FL
EPA 625.1	ISOPHORONE	FL	EPA 625.1	N-NITROSODI-N-PROPYLAMINE	FL
EPA 625.1	N-NITROSODIMETHYLAMINE	FL	EPA 625.1	N-NITROSODIPHENYLAMINE	FL
EPA 625.1	NAPHTHALENE	FL	EPA 625.1	NITROBENZENE	FL
EPA 625.1	PENTACHLOROPHENOL	FL	EPA 625.1	PHENANTHRENE	FL
EPA 625.1	PHENOL	FL	EPA 625.1	PYRENE	FL
EPA 6850	PERCHLORATE	FL	EPA 7196 A	CHROMIUM VI	FL
EPA 7470 A	MERCURY	FL	EPA 8011	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	FL
EPA 8011	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	FL	EPA 8015 B	DIESEL RANGE ORGANICS (DRO)	FL
EPA 8015 B	ETHANOL	FL	EPA 8015 C	DIESEL RANGE ORGANICS (DRO)	FL
EPA 8015 C	ETHANOL	FL	EPA 8015 C	GASOLINE RANGE ORGANICS (GRO)	FL
EPA 8015 C	ISOPROPYL ALCOHOL (2-PROPANOL, ISOPROPANOL)	FL	EPA 8015 C	METHANOL	FL
EPA 8015 D	DIESEL RANGE ORGANICS (DRO)	FL	EPA 8015 D	ETHANOL	FL
EPA 8015 D	GASOLINE RANGE ORGANICS (GRO)	FL	EPA 8015 D	ISOPROPYL ALCOHOL (2-PROPANOL, ISOPROPANOL)	FL
EPA 8015 D	METHANOL	FL	EPA 8081 A	4,4'-DDD	FL
EPA 8081 A	4,4'-DDE	FL	EPA 8081 A	4,4'-DDT	FL
EPA 8081 A	ALDRIN	FL	EPA 8081 A	ALPHA-BHC (ALPHA-HEXACHLOROCYCLOHEXANE)	FL
EPA 8081 A	ALPHA-CHLORDANE (CIS-CHLORDANE)	FL	EPA 8081 A	BETA-BHC (BETA-HEXACHLOROCYCLOHEXANE)	FL

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METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8081 A	CHLORDANE, TOTAL	FL	EPA 8081 A	DELTA-BHC	FL
EPA 8081 A	DIELDRIN	FL	EPA 8081 A	ENDOSULFAN I	FL
EPA 8081 A	ENDOSULFAN II	FL	EPA 8081 A	ENDOSULFAN SULFATE	FL
EPA 8081 A	ENDRIN	FL	EPA 8081 A	ENDRIN ALDEHYDE	FL
EPA 8081 A	ENDRIN KETONE	FL	EPA 8081 A	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	FL
EPA 8081 A	GAMMA-CHLORDANE (TRANS-CHLORDANE)	FL	EPA 8081 A	HEPTACHLOR	FL
EPA 8081 A	HEPTACHLOR EPOXIDE	FL	EPA 8081 A	METHOXYCHLOR	FL
EPA 8081 A	TOXAPHENE (CHLORINATED CAMPHENE)	FL	EPA 8081 B	4,4'-DDD	FL
EPA 8081 B	4,4'-DDE	FL	EPA 8081 B	4,4'-DDT	FL
EPA 8081 B	ALDRIN	FL	EPA 8081 B	ALPHA-BHC (ALPHA-HEXACHLOROCYCLOHEXANE)	FL
EPA 8081 B	ALPHA-CHLORDANE (CIS-CHLORDANE)	FL	EPA 8081 B	BETA-BHC (BETA-HEXACHLOROCYCLOHEXANE)	FL
EPA 8081 B	CHLORDANE, TOTAL	FL	EPA 8081 B	DELTA-BHC	FL
EPA 8081 B	DIELDRIN	FL	EPA 8081 B	ENDOSULFAN I	FL
EPA 8081 B	ENDOSULFAN II	FL	EPA 8081 B	ENDOSULFAN SULFATE	FL
EPA 8081 B	ENDRIN	FL	EPA 8081 B	ENDRIN ALDEHYDE	FL
EPA 8081 B	ENDRIN KETONE	FL	EPA 8081 B	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	FL
EPA 8081 B	GAMMA-CHLORDANE (TRANS-CHLORDANE)	FL	EPA 8081 B	HEPTACHLOR	FL
EPA 8081 B	HEPTACHLOR EPOXIDE	FL	EPA 8081 B	METHOXYCHLOR	FL
EPA 8081 B	TOXAPHENE (CHLORINATED CAMPHENE)	FL	EPA 8082 A	AROCLOR-1016 (PCB-1016)	FL
EPA 8082 A	AROCLOR-1221 (PCB-1221)	FL	EPA 8082 A	AROCLOR-1232 (PCB-1232)	FL
EPA 8082 A	AROCLOR-1242 (PCB-1242)	FL	EPA 8082 A	AROCLOR-1248 (PCB-1248)	FL
EPA 8082 A	AROCLOR-1254 (PCB-1254)	FL	EPA 8082 A	AROCLOR-1260 (PCB-1260)	FL
EPA 8151 A	2,4,5-T	FL	EPA 8151 A	2,4-D	FL
EPA 8151 A	2,4-DB	FL	EPA 8151 A	DALAPON	FL
EPA 8151 A	DICAMBA	FL	EPA 8151 A	DICHLOROPROP (DICHLOROPROP)	FL
EPA 8151 A	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)	FL	EPA 8151 A	MCPA	FL
EPA 8151 A	MCP	FL	EPA 8151 A	PENTACHLOROPHENOL	FL
EPA 8151 A	SILVEX (2,4,5-TP)	FL	EPA 8260 B	1,1,1,2-TETRACHLOROETHANE	FL
EPA 8260 B	1,1,1-TRICHLOROETHANE	FL	EPA 8260 B	1,1,2,2-TETRACHLOROETHANE	FL
EPA 8260 B	1,1,2-TRICHLOROETHANE	FL	EPA 8260 B	1,1-DICHLOROETHANE	FL
EPA 8260 B	1,1-DICHLOROETHYLENE	FL	EPA 8260 B	1,1-DICHLOROPROPENE	FL

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METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8260 B	1,2,3-TRICHLOROBENZENE	FL	EPA 8260 B	1,2,3-TRICHLOROPROPANE	FL
EPA 8260 B	1,2,4-TRICHLOROBENZENE	FL	EPA 8260 B	1,2,4-TRIMETHYLBENZENE	FL
EPA 8260 B	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	FL	EPA 8260 B	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	FL
EPA 8260 B	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	FL	EPA 8260 B	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	FL
EPA 8260 B	1,2-DICHLOROPROPANE	FL	EPA 8260 B	1,3,5-TRIMETHYLBENZENE	FL
EPA 8260 B	1,3-DICHLOROBENZENE (M-DICHLOROBENZENE)	FL	EPA 8260 B	1,3-DICHLOROPROPANE	FL
EPA 8260 B	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	FL	EPA 8260 B	1,4-DIOXANE (P-DIOXANE /1,4-DIETHYLENEOXIDE)	FL
EPA 8260 B	1-CHLOROHEXANE	FL	EPA 8260 B	2,2-DICHLOROPROPANE	FL
EPA 8260 B	2-BUTANONE (METHYL ETHYL KETONE, MEK)	FL	EPA 8260 B	2-CHLOROETHYL VINYL ETHER	FL
EPA 8260 B	2-CHLOROTOLUENE	FL	EPA 8260 B	2-HEXANONE	FL
EPA 8260 B	2-NITROPROPANE	FL	EPA 8260 B	4-CHLOROTOLUENE	FL
EPA 8260 B	4-ISOPROPYLTOLUENE (P-CYMENE, P-ISOPROPYLTOLUENE)	FL	EPA 8260 B	4-METHYL-2-PENTANONE (METHYL ISOBUTYL KETONE, MIBK)	FL
EPA 8260 B	ACETONE	FL	EPA 8260 B	ACETONITRILE	FL
EPA 8260 B	ACROLEIN (PROPENAL)	FL	EPA 8260 B	ACRYLONITRILE	FL
EPA 8260 B	ALLYL CHLORIDE (3-CHLOROPROPENE)	FL	EPA 8260 B	BENZENE	FL
EPA 8260 B	BROMOBENZENE	FL	EPA 8260 B	BROMOCHLOROMETHANE	FL
EPA 8260 B	BROMODICHLOROMETHANE	FL	EPA 8260 B	BROMOFORM	FL
EPA 8260 B	CARBON DISULFIDE	FL	EPA 8260 B	CARBON TETRACHLORIDE	FL
EPA 8260 B	CHLOROBENZENE	FL	EPA 8260 B	CHLORODIBROMOMETHANE	FL
EPA 8260 B	CHLOROETHANE (ETHYL CHLORIDE)	FL	EPA 8260 B	CHLOROFORM	FL
EPA 8260 B	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	FL	EPA 8260 B	CIS-1,2-DICHLOROETHYLENE	FL
EPA 8260 B	CIS-1,3-DICHLOROPROPENE	FL	EPA 8260 B	DIBROMOMETHANE (METHYLENE BROMIDE)	FL
EPA 8260 B	DICHLORODIFLUOROMETHANE (FREON-12)	FL	EPA 8260 B	DIETHYL ETHER	FL
EPA 8260 B	ETHYL ACETATE	FL	EPA 8260 B	ETHYL METHACRYLATE	FL
EPA 8260 B	ETHYLBENZENE	FL	EPA 8260 B	HEXACHLOROBUTADIENE (1,3-HEXACHLOROBUTADIENE)	FL
EPA 8260 B	IODOMETHANE (METHYL IODIDE)	FL	EPA 8260 B	ISOBUTYL ALCOHOL (2-METHYL-1-PROPANOL)	FL
EPA 8260 B	ISOPROPYLBENZENE	FL	EPA 8260 B	M+P-XYLENE	FL
EPA 8260 B	METHACRYLONITRILE	FL	EPA 8260 B	METHYL BROMIDE (BROMOMETHANE)	FL
EPA 8260 B	METHYL CHLORIDE (CHLOROMETHANE)	FL	EPA 8260 B	METHYL METHACRYLATE	FL
EPA 8260 B	METHYL TERT-BUTYL ETHER (MTBE)	FL	EPA 8260 B	METHYLENE CHLORIDE (DICHLOROMETHANE)	FL

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



Scope of Accreditation

VELAP Certificate No.: 12611

Microbac Laboratories, Inc. - Marietta OH
158 Starlite Drive
Marietta, OH 45750

Virginia Laboratory ID: 460187
Effective Date: September 15, 2023
Expiration Date: September 14, 2024

NON-POTABLE WATER

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8260 B	N-BUTYLBENZENE	FL	EPA 8260 B	N-PROPYLBENZENE	FL
EPA 8260 B	NAPHTHALENE	FL	EPA 8260 B	O-XYLENE	FL
EPA 8260 B	PROPIONITRILE (ETHYL CYANIDE)	FL	EPA 8260 B	SEC-BUTYLBENZENE	FL
EPA 8260 B	STYRENE	FL	EPA 8260 B	TERT-BUTYL ALCOHOL (2-METHYL-2-PROPANOL)	FL
EPA 8260 B	TERT-BUTYLBENZENE	FL	EPA 8260 B	TETRACHLOROETHENE (PERCHLOROETHENE)	FL
EPA 8260 B	TOLUENE	FL	EPA 8260 B	TRANS-1,2-DICHLOROETHENE	FL
EPA 8260 B	TRANS-1,3-DICHLOROPROPENE (TRANS-1,3-DICHLOROPROPYLENE)	FL	EPA 8260 B	TRANS-1,4-DICHLORO-2-BUTENE	FL
EPA 8260 B	TRICHLOROETHENE (TRICHLOROETHYLENE)	FL	EPA 8260 B	TRICHLOROFLUOROMETHANE (FLUOROTRICHLOROMETHANE, FREON 11)	FL
EPA 8260 B	VINYL ACETATE	FL	EPA 8260 B	VINYL CHLORIDE (CHLOROETHENE)	FL
EPA 8260 B	XYLENE (TOTAL)	FL	EPA 8270 C	1,2,4,5-TETRACHLOROBENZENE	FL
EPA 8270 C	1,2,4-TRICHLOROBENZENE	FL	EPA 8270 C	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	FL
EPA 8270 C	1,2-DIPHENYLHYDRAZINE	FL	EPA 8270 C	1,3,5-TRINITROBENZENE (1,3,5-TNB)	FL
EPA 8270 C	1,3-DICHLOROBENZENE (M-DICHLOROBENZENE)	FL	EPA 8270 C	1,3-DINITROBENZENE (1,3-DNB)	FL
EPA 8270 C	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	FL	EPA 8270 C	1,4-NAPHTHOQUINONE	FL
EPA 8270 C	1,4-PHENYLENEDIAMINE	FL	EPA 8270 C	1-NAPHTHYLAMINE	FL
EPA 8270 C	2,2'-OXYBIS(1-CHLOROPROPANE)	FL	EPA 8270 C	2,3,4,6-TETRACHLOROPHENOL	FL
EPA 8270 C	2,4,5-TRICHLOROPHENOL	FL	EPA 8270 C	2,4,6-TRICHLOROPHENOL	FL
EPA 8270 C	2,4-DICHLOROPHENOL	FL	EPA 8270 C	2,4-DIMETHYLPHENOL	FL
EPA 8270 C	2,4-DINITROPHENOL	FL	EPA 8270 C	2,4-DINITROTOLUENE (2,4-DNT)	FL
EPA 8270 C	2,6-DICHLOROPHENOL	FL	EPA 8270 C	2,6-DINITROTOLUENE (2,6-DNT)	FL
EPA 8270 C	2-ACETYLAMINOFLUORENE	FL	EPA 8270 C	2-CHLORONAPHTHALENE	FL
EPA 8270 C	2-CHLOROPHENOL	FL	EPA 8270 C	2-METHYL-4,6-DINITROPHENOL (4,6-DINITRO-2-METHYLPHENOL)	FL
EPA 8270 C	2-METHYLNAPHTHALENE	FL	EPA 8270 C	2-METHYLPHENOL (O-CRESOL)	FL
EPA 8270 C	2-NAPHTHYLAMINE	FL	EPA 8270 C	2-NITROANILINE	FL
EPA 8270 C	2-NITROPHENOL	FL	EPA 8270 C	2-PICOLINE (2-METHYLPYRIDINE)	FL
EPA 8270 C	3,3'-DICHLOROBENZIDINE	FL	EPA 8270 C	3,3'-DIMETHYLBENZIDINE	FL
EPA 8270 C	3-METHYLCHOLANTHRENE	FL	EPA 8270 C	3-NITROANILINE	FL
EPA 8270 C	4-AMINOBIIPHENYL	FL	EPA 8270 C	4-BROMOPHENYL PHENYL ETHER (BDE-3)	FL
EPA 8270 C	4-CHLORO-3-METHYLPHENOL	FL	EPA 8270 C	4-CHLOROANILINE	FL
EPA 8270 C	4-CHLOROPHENYL PHENYLETHER	FL	EPA 8270 C	4-DIMETHYL AMINOAZOBENZENE	FL
EPA 8270 C	4-NITROANILINE	FL	EPA 8270 C	4-NITROPHENOL	FL
EPA 8270 C	5-NITRO-O-TOLUIDINE	FL	EPA 8270 C	7,12-DIMETHYLBENZ(A) ANTHRACENE	FL

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Commonwealth of Virginia
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Scope of Accreditation

VELAP Certificate No.: 12611

Microbac Laboratories, Inc. - Marietta OH
158 Starlite Drive
Marietta, OH 45750

Virginia Laboratory ID: 460187
Effective Date: September 15, 2023
Expiration Date: September 14, 2024

NON-POTABLE WATER

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8270 C	A-A-DIMETHYLPHENETHYLAMINE	FL	EPA 8270 C	ACENAPHTHENE	FL
EPA 8270 C	ACENAPHTHYLENE	FL	EPA 8270 C	ACETOPHENONE	FL
EPA 8270 C	ANILINE	FL	EPA 8270 C	ANTHRACENE	FL
EPA 8270 C	ARAMITE	FL	EPA 8270 C	BENZIDINE	FL
EPA 8270 C	BENZO(A)ANTHRACENE	FL	EPA 8270 C	BENZO(A)PYRENE	FL
EPA 8270 C	BENZO(B)FLUORANTHENE	FL	EPA 8270 C	BENZO(G,H,I)PERYLENE	FL
EPA 8270 C	BENZO(K)FLUORANTHENE	FL	EPA 8270 C	BENZOIC ACID	FL
EPA 8270 C	BENZYL ALCOHOL	FL	EPA 8270 C	BIS(2-CHLOROETHOXY)METHANE	FL
EPA 8270 C	BIS(2-CHLOROETHYL) ETHER	FL	EPA 8270 C	BIS(2-ETHYLHEXYL) PHTHALATE (D(2-ETHYLHEXYL)PHTHALATE), (DEHP)	FL
EPA 8270 C	BUTYL BENZYL PHTHALATE	FL	EPA 8270 C	CHLOROBENZILATE	FL
EPA 8270 C	CHRYSENE	FL	EPA 8270 C	DI-N-BUTYL PHTHALATE	FL
EPA 8270 C	DI-N-OCTYL PHTHALATE	FL	EPA 8270 C	DIALATE	FL
EPA 8270 C	DIBENZO(A,H) ANTHRACENE	FL	EPA 8270 C	DIBENZOFURAN	FL
EPA 8270 C	DIETHYL PHTHALATE	FL	EPA 8270 C	DIMETHOATE	FL
EPA 8270 C	DIMETHYL PHTHALATE	FL	EPA 8270 C	DISULFOTON	FL
EPA 8270 C	ETHYL METHANESULFONATE	FL	EPA 8270 C	FAMPUR	FL
EPA 8270 C	FLUORANTHENE	FL	EPA 8270 C	FLUORENE	FL
EPA 8270 C	HEXACHLOROBENZENE	FL	EPA 8270 C	HEXACHLOROBUTADIENE (1,3-HEXACHLOROBUTADIENE)	FL
EPA 8270 C	HEXACHLOROCYCLOPENTADIENE	FL	EPA 8270 C	HEXACHLOROETHANE	FL
EPA 8270 C	HEXACHLOROPHENE	FL	EPA 8270 C	HEXACHLOROPROPENE	FL
EPA 8270 C	INDENO(1,2,3-CD) PYRENE	FL	EPA 8270 C	ISODRIN	FL
EPA 8270 C	ISOPHORONE	FL	EPA 8270 C	ISOSAFROLE	FL
EPA 8270 C	KEPONE	FL	EPA 8270 C	METHAPYRILENE	FL
EPA 8270 C	METHYL METHANESULFONATE	FL	EPA 8270 C	METHYL PARATHION (PARATHION, METHYL)	FL
EPA 8270 C	N-NITROSO-DI-N-BUTYLAMINE	FL	EPA 8270 C	N-NITROSODI-N-PROPYLAMINE	FL
EPA 8270 C	N-NITROSODIETHYLAMINE	FL	EPA 8270 C	N-NITROSODIMETHYLAMINE	FL
EPA 8270 C	N-NITROSODIPHENYLAMINE	FL	EPA 8270 C	N-NITROSOMETHYLETHYLAMINE	FL
EPA 8270 C	N-NITROSOMORPHOLINE	FL	EPA 8270 C	N-NITROSOPIPERIDINE	FL
EPA 8270 C	N-NITROSOPYRROLIDINE	FL	EPA 8270 C	NAPHTHALENE	FL
EPA 8270 C	NITROBENZENE	FL	EPA 8270 C	O,O,O-TRIETHYL PHOSPHOROTHIOATE	FL
EPA 8270 C	O-TOLUIDINE (2-METHYLANILINE)	FL	EPA 8270 C	PARATHION (PARATHION - ETHYL)	FL
EPA 8270 C	PENTACHLORONITROBENZENE	FL	EPA 8270 C	PENTACHLOROPHENOL	FL
EPA 8270 C	PHENACETIN	FL	EPA 8270 C	PHENANTHRENE	FL
EPA 8270 C	PHENOL	FL	EPA 8270 C	PHORATE	FL
EPA 8270 C	PRONAMIDE (KERB)	FL	EPA 8270 C	PYRENE	FL
EPA 8270 C	PYRIDINE	FL	EPA 8270 C	SAFROLE	FL

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Commonwealth of Virginia
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Scope of Accreditation

VELAP Certificate No.: 12611

Microbac Laboratories, Inc. - Marietta OH
158 Starlite Drive
Marietta, OH 45750

Virginia Laboratory ID: 460187
Effective Date: September 15, 2023
Expiration Date: September 14, 2024

NON-POTABLE WATER

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8270 C	SULFOTEP (TETRAETHYL DITHIOPYROPHOSPHATE, TEDP)	FL	EPA 8270 C	THIONAZIN (ZINOPHOS, DIETHYL-O-2-PYRAZINYL PHOSPHOROTHIONATE)	FL
EPA 8270 C - EXTENDED	3+4-METHYLPHENOL (M+P CRESOL)	FL	EPA 8270 D	1,2,4,5-TETRACHLOROBENZENE	FL
EPA 8270 D	1,2,4-TRICHLOROBENZENE	FL	EPA 8270 D	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	FL
EPA 8270 D	1,2-DIPHENYLHYDRAZINE	FL	EPA 8270 D	1,3,5-TRINITROBENZENE (1,3,5-TNB)	FL
EPA 8270 D	1,3-DICHLOROBENZENE (M-DICHLOROBENZENE)	FL	EPA 8270 D	1,3-DINITROBENZENE (1,3-DNB)	FL
EPA 8270 D	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	FL	EPA 8270 D	1,4-NAPHTHOQUINONE	FL
EPA 8270 D	1,4-PHENYLENEDIAMINE	FL	EPA 8270 D	1-NAPHTHYLAMINE	FL
EPA 8270 D	2,2'-OXYBIS(1-CHLOROPROPANE)	FL	EPA 8270 D	2,3,4,6-TETRACHLOROPHENOL	FL
EPA 8270 D	2,4,5-TRICHLOROPHENOL	FL	EPA 8270 D	2,4,6-TRICHLOROPHENOL	FL
EPA 8270 D	2,4-DICHLOROPHENOL	FL	EPA 8270 D	2,4-DIMETHYLPHENOL	FL
EPA 8270 D	2,4-DINITROPHENOL	FL	EPA 8270 D	2,4-DINITROTOLUENE (2,4-DNT)	FL
EPA 8270 D	2,6-DICHLOROPHENOL	FL	EPA 8270 D	2,6-DINITROTOLUENE (2,6-DNT)	FL
EPA 8270 D	2-ACETYLAMINOFLUORENE	FL	EPA 8270 D	2-CHLORONAPHTHALENE	FL
EPA 8270 D	2-CHLOROPHENOL	FL	EPA 8270 D	2-METHYL-4,6-DINITROPHENOL (4,6-DINITRO-2-METHYLPHENOL)	FL
EPA 8270 D	2-METHYLNAPHTHALENE	FL	EPA 8270 D	2-METHYLPHENOL (O-CRESOL)	FL
EPA 8270 D	2-NAPHTHYLAMINE	FL	EPA 8270 D	2-NITROANILINE	FL
EPA 8270 D	2-NITROPHENOL	FL	EPA 8270 D	2-PICOLINE (2-METHYLPYRIDINE)	FL
EPA 8270 D	3,3'-DICHLOROBENZIDINE	FL	EPA 8270 D	3,3'-DIMETHYLBENZIDINE	FL
EPA 8270 D	3-METHYLCHOLANTHRENE	FL	EPA 8270 D	3-NITROANILINE	FL
EPA 8270 D	4-AMINOBIIPHENYL	FL	EPA 8270 D	4-BROMOPHENYL PHENYL ETHER (BDE-3)	FL
EPA 8270 D	4-CHLORO-3-METHYLPHENOL	FL	EPA 8270 D	4-CHLOROANILINE	FL
EPA 8270 D	4-CHLOROPHENYL PHENYLETHER	FL	EPA 8270 D	4-DIMETHYL AMINOAZOBENZENE	FL
EPA 8270 D	4-NITROANILINE	FL	EPA 8270 D	4-NITROPHENOL	FL
EPA 8270 D	5-NITRO-O-TOLUIDINE	FL	EPA 8270 D	7,12-DIMETHYLBENZ(A) ANTHRACENE	FL
EPA 8270 D	A-A-DIMETHYLPHENETHYLAMINE	FL	EPA 8270 D	ACENAPHTHENE	FL
EPA 8270 D	ACENAPHTHYLENE	FL	EPA 8270 D	ACETOPHENONE	FL
EPA 8270 D	ANILINE	FL	EPA 8270 D	ANTHRACENE	FL
EPA 8270 D	ARAMITE	FL	EPA 8270 D	BENZIDINE	FL
EPA 8270 D	BENZO(A)ANTHRACENE	FL	EPA 8270 D	BENZO(A)PYRENE	FL
EPA 8270 D	BENZO(B)FLUORANTHENE	FL	EPA 8270 D	BENZO(G,H,I)PERYLENE	FL
EPA 8270 D	BENZO(K)FLUORANTHENE	FL	EPA 8270 D	BENZOIC ACID	FL
EPA 8270 D	BENZYL ALCOHOL	FL	EPA 8270 D	BIS(2-CHLOROETHOXY)METHANE	FL
EPA 8270 D	BIS(2-CHLOROETHYL) ETHER	FL	EPA 8270 D	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)	FL

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Scope of Accreditation

VELAP Certificate No.: 12611

Microbac Laboratories, Inc. - Marietta OH
158 Starlite Drive
Marietta, OH 45750

Virginia Laboratory ID: 460187
Effective Date: September 15, 2023
Expiration Date: September 14, 2024

NON-POTABLE WATER

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8270 D	CHLOROBENZILATE	FL	EPA 8270 D	BUTYL BENZYL PHTHALATE	FL
EPA 8270 D	DI-N-BUTYL PHTHALATE	FL	EPA 8270 D	CHRYSENE	FL
EPA 8270 D	DIALATE	FL	EPA 8270 D	DI-N-OCTYL PHTHALATE	FL
EPA 8270 D	DIBENZOFURAN	FL	EPA 8270 D	DIBENZO(A,H) ANTHRACENE	FL
EPA 8270 D	DIMETHOATE	FL	EPA 8270 D	DIETHYL PHTHALATE	FL
EPA 8270 D	DISULFOTON	FL	EPA 8270 D	DIMETHYL PHTHALATE	FL
EPA 8270 D	FAMPHUR	FL	EPA 8270 D	ETHYL METHANESULFONATE	FL
EPA 8270 D	FLUORENE	FL	EPA 8270 D	FLUORANTHENE	FL
EPA 8270 D	HEXACHLOROBUTADIENE (1,3-HEXACHLOROBUTADIENE)	FL	EPA 8270 D	HEXACHLOROBENZENE	FL
EPA 8270 D	HEXACHLOROETHANE	FL	EPA 8270 D	HEXACHLOROCYCLOPENTADIENE	FL
EPA 8270 D	HEXACHLOROPROPENE	FL	EPA 8270 D	HEXACHLOROPHENE	FL
EPA 8270 D	ISODRIN	FL	EPA 8270 D	INDENO(1,2,3-CD) PYRENE	FL
EPA 8270 D	ISOSAFROLE	FL	EPA 8270 D	ISOPHORONE	FL
EPA 8270 D	METHAPYRILENE	FL	EPA 8270 D	KEPONE	FL
EPA 8270 D	METHYL PARATHION (PARATHION, METHYL)	FL	EPA 8270 D	METHYL METHANESULFONATE	FL
EPA 8270 D	N-NITROSODI-N-PROPYLAMINE	FL	EPA 8270 D	N-NITROSO-DI-N-BUTYLAMINE	FL
EPA 8270 D	N-NITROSODIMETHYLAMINE	FL	EPA 8270 D	N-NITROSODIETHYLAMINE	FL
EPA 8270 D	N-NITROSOMETHYLETHYLAMINE	FL	EPA 8270 D	N-NITROSODIPHENYLAMINE	FL
EPA 8270 D	N-NITROSOPIPERIDINE	FL	EPA 8270 D	N-NITROSOMORPHOLINE	FL
EPA 8270 D	NAPHTHALENE	FL	EPA 8270 D	N-NITROSOPYRROLIDINE	FL
EPA 8270 D	O,O,O-TRIETHYL PHOSPHOROTHIOATE	FL	EPA 8270 D	NITROBENZENE	FL
EPA 8270 D	PARATHION (PARATHION - ETHYL)	FL	EPA 8270 D	O-TOLUIDINE (2-METHYLANILINE)	FL
EPA 8270 D	PENTACHLOROPHENOL	FL	EPA 8270 D	PENTACHLORONITROBENZENE	FL
EPA 8270 D	PHENANTHRENE	FL	EPA 8270 D	PHENACETIN	FL
EPA 8270 D	PHORATE	FL	EPA 8270 D	PHENOL	FL
EPA 8270 D	PYRENE	FL	EPA 8270 D	PRONAMIDE (KERB)	FL
EPA 8270 D	SULFOTEP (TETRAETHYL DITHIOPYROPHOSPHATE, TEDP)	FL	EPA 8270 D	SAFROLE	FL
EPA 8270 D - EXTENDED	3+4-METHYLPHENOL (M+P CRESOL)	FL	EPA 8270 D	THIONAZIN (ZINOPHOS, DIETHYL-O-2-PYRAZINYL PHOSPHOROTHIONATE)	FL
EPA 8315 A	FORMALDEHYDE	FL	EPA 8270 D - EXTENDED	CARBAZOLE	FL
EPA 8330 A	1,3-DINITROBENZENE (1,3-DNB)	FL	EPA 8330 A	1,3,5-TRINITROBENZENE (1,3,5-TNB)	FL
EPA 8330 A	2,4-DINITROTOLUENE (2,4-DNT)	FL	EPA 8330 A	2,4,6-TRINITROTOLUENE (2,4,6-TNT)	FL
EPA 8330 A	2-AMINO-4,6-DINITROTOLUENE (2-AM-DNT)	FL	EPA 8330 A	2,6-DINITROTOLUENE (2,6-DNT)	FL
EPA 8330 A	3-NITROTOLUENE	FL	EPA 8330 A	2-NITROTOLUENE	FL
			EPA 8330 A	4-AMINO-2,6-DINITROTOLUENE (4-AM-DNT)	FL

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Virginia Laboratory ID: 460187
Effective Date: September 15, 2023
Expiration Date: September 14, 2024

NON-POTABLE WATER

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8330 A	4-NITROTOLUENE	FL	EPA 8330 A	METHYL-2,4,6-TRINITROPHENYLNITRAMINE (TETRYL)	FL
EPA 8330 A	NITROBENZENE	FL	EPA 8330 A	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	FL
EPA 8330 A	RDX (HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE)	FL	EPA 8330 B	1,3,5-TRINITROBENZENE (1,3,5-TNB)	FL
EPA 8330 B	1,3-DINITROBENZENE (1,3-DNB)	FL	EPA 8330 B	2,4,6-TRINITROTOLUENE (2,4,6-TNT)	FL
EPA 8330 B	2,4-DINITROTOLUENE (2,4-DNT)	FL	EPA 8330 B	2,6-DINITROTOLUENE (2,6-DNT)	FL
EPA 8330 B	2-AMINO-4,6-DINITROTOLUENE (2-AM-DNT)	FL	EPA 8330 B	2-NITROTOLUENE	FL
EPA 8330 B	3-NITROTOLUENE	FL	EPA 8330 B	4-AMINO-2,6-DINITROTOLUENE (4-AM-DNT)	FL
EPA 8330 B	4-NITROTOLUENE	FL	EPA 8330 B	METHYL-2,4,6-TRINITROPHENYLNITRAMINE (TETRYL)	FL
EPA 8330 B	NITROBENZENE	FL	EPA 8330 B	NITROGLYCERIN	FL
EPA 8330 B	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	FL	EPA 8330 B	PENTAERYTHRITOLTETRANITRATE (PETN)	FL
EPA 8330 B	RDX (HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE)	FL	EPA 9014	CYANIDE, AMENABLE	FL
EPA 9056 A	BROMIDE	FL	EPA 9056 A	CHLORIDE	FL
EPA 9056 A	FLUORIDE	FL	EPA 9056 A	NITRATE AS N	FL
EPA 9056 A	SULFATE	FL	EPA 9060 A	TOTAL ORGANIC CARBON (TOC)	FL
HACH 8000	CHEMICAL OXYGEN DEMAND (COD)	FL	OVL HPLC07/HPLC-MS-MS	HEXAMETHYLPHOSPHORAMIDE (HMPA)	FL
RSK-175	ETHANE	FL	RSK-175	ETHENE (ETHYLENE)	FL
RSK-175	METHANE	FL	SM 2120 B-2011	COLOR	FL
SM 2310 B-2011	ACIDITY, AS CaCO ₃	FL	SM 2320 B-2011	ALKALINITY AS CaCO ₃	FL
SM 2340 C-2011	TOTAL HARDNESS AS CaCO ₃	FL	SM 2540 B-2011	RESIDUE-TOTAL (TS)	FL
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	FL	SM 2540 D-2011	RESIDUE-NONFILTERABLE (TSS)	FL
SM 2540 F-2011	RESIDUE-SETTLEABLE	FL	SM 3500-CR B-2011	CHROMIUM VI	FL
SM 4500-CL ⁻ E-2011	CHLORIDE	FL	SM 4500-CN ⁻ E-2011	CYANIDE	FL
SM 4500-CN ⁻ G-2011	CYANIDE, AMENABLE	FL	SM 4500-F ⁻ C-2011	FLUORIDE	FL
SM 4500-NO ₂ ⁻ B-2011	NITRITE AS N	FL	SM 4500-NO ₃ ⁻ F-2011	NITRATE AS N	FL
SM 4500-P E-2011	ORTHOPHOSPHATE AS P	FL	SM 4500-S ₂ ⁻ F-2011	SULFIDE	FL
SM 5210 B-2011	BIOCHEMICAL OXYGEN DEMAND (BOD)	FL	SM 5210 B-2011	CARBONACEOUS BOD (CBOD)	FL
SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)	FL	SM 5540 C-2011	SURFACTANTS - MBAS	FL

SOLID AND CHEMICAL MATERIALS

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 1010 A	FLASHPOINT	FL	EPA 1030	IGNITABILITY	FL
EPA 1311	PREP: TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)	FL	EPA 1312	PREP: SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP)	FL

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Commonwealth of Virginia
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Scope of Accreditation

VELAP Certificate No.: 12611

Microbac Laboratories, Inc. - Marietta OH
158 Starlite Drive
Marietta, OH 45750

Virginia Laboratory ID: 460187
Effective Date: September 15, 2023
Expiration Date: September 14, 2024

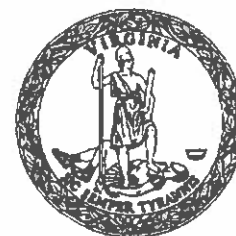
SOLID AND CHEMICAL MATERIALS

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 6010 B	ALUMINUM	FL	EPA 6010 B	ANTIMONY	FL
EPA 6010 B	ARSENIC	FL	EPA 6010 B	BARIUM	FL
EPA 6010 B	BERYLLIUM	FL	EPA 6010 B	BORON	FL
EPA 6010 B	CADMIUM	FL	EPA 6010 B	CALCIUM	FL
EPA 6010 B	CHROMIUM	FL	EPA 6010 B	COBALT	FL
EPA 6010 B	COPPER	FL	EPA 6010 B	IRON	FL
EPA 6010 B	LEAD	FL	EPA 6010 B	LITHIUM	FL
EPA 6010 B	MAGNESIUM	FL	EPA 6010 B	MANGANESE	FL
EPA 6010 B	MOLYBDENUM	FL	EPA 6010 B	NICKEL	FL
EPA 6010 B	PHOSPHORUS, TOTAL	FL	EPA 6010 B	POTASSIUM	FL
EPA 6010 B	SELENIUM	FL	EPA 6010 B	SILVER	FL
EPA 6010 B	SODIUM	FL	EPA 6010 B	STRONTIUM	FL
EPA 6010 B	THALLIUM	FL	EPA 6010 B	TIN	FL
EPA 6010 B	TITANIUM	FL	EPA 6010 B	VANADIUM	FL
EPA 6010 B	ZINC	FL	EPA 6010 C	ALUMINUM	FL
EPA 6010 C	ANTIMONY	FL	EPA 6010 C	ARSENIC	FL
EPA 6010 C	BARIUM	FL	EPA 6010 C	BERYLLIUM	FL
EPA 6010 C	BORON	FL	EPA 6010 C	CADMIUM	FL
EPA 6010 C	CALCIUM	FL	EPA 6010 C	CHROMIUM	FL
EPA 6010 C	COBALT	FL	EPA 6010 C	COPPER	FL
EPA 6010 C	IRON	FL	EPA 6010 C	LEAD	FL
EPA 6010 C	LITHIUM	FL	EPA 6010 C	MAGNESIUM	FL
EPA 6010 C	MANGANESE	FL	EPA 6010 C	MOLYBDENUM	FL
EPA 6010 C	NICKEL	FL	EPA 6010 C	PHOSPHORUS, TOTAL	FL
EPA 6010 C	POTASSIUM	FL	EPA 6010 C	SELENIUM	FL
EPA 6010 C	SILVER	FL	EPA 6010 C	SODIUM	FL
EPA 6010 C	STRONTIUM	FL	EPA 6010 C	THALLIUM	FL
EPA 6010 C	TIN	FL	EPA 6010 C	TITANIUM	FL
EPA 6010 C	VANADIUM	FL	EPA 6010 C	ZINC	FL
EPA 6020 A	ANTIMONY	FL	EPA 6020 A	ARSENIC	FL
EPA 6020 A	BARIUM	FL	EPA 6020 A	CADMIUM	FL
EPA 6020 A	CHROMIUM	FL	EPA 6020 A	COBALT	FL
EPA 6020 A	COPPER	FL	EPA 6020 A	LEAD	FL
EPA 6020 A	MANGANESE	FL	EPA 6020 A	NICKEL	FL
EPA 6020 A	SELENIUM	FL	EPA 6020 A	SILVER	FL
EPA 6020 A	THALLIUM	FL	EPA 6020 A	VANADIUM	FL
EPA 6020 A	ZINC	FL	EPA 6020 B - EXTENDED	URANIUM (MASS)	FL
EPA 6850	PERCHLORATE	FL	EPA 7196 A	CHROMIUM VI	FL
EPA 7471 A	MERCURY	FL	EPA 7471 B	MERCURY	FL

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Microbac Laboratories, Inc. - Marietta OH
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SOLID AND CHEMICAL MATERIALS

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8015 B	DIESEL RANGE ORGANICS (DRO)	FL	EPA 8015 B	ETHANOL	FL
EPA 8015 B	ETHYLENE GLYCOL	FL	EPA 8015 B	GASOLINE RANGE ORGANICS (GRO)	FL
EPA 8015 B	ISOPROPYL ALCOHOL (2-PROPANOL, ISOPROPANOL)	FL	EPA 8015 C	ETHANOL	FL
EPA 8015 C	ETHYLENE GLYCOL	FL	EPA 8015 C	GASOLINE RANGE ORGANICS (GRO)	FL
EPA 8015 D	ETHANOL	FL	EPA 8015 D	METHANOL	FL
EPA 8081 A	4,4'-DDD	FL	EPA 8081 A	4,4'-DDE	FL
EPA 8081 A	4,4'-DDT	FL	EPA 8081 A	ALDRIN	FL
EPA 8081 A	ALPHA-BHC (ALPHA-HEXACHLOROCYCLOHEXANE)	FL	EPA 8081 A	ALPHA-CHLORDANE (CIS-CHLORDANE)	FL
EPA 8081 A	BETA-BHC (BETA-HEXACHLOROCYCLOHEXANE)	FL	EPA 8081 A	CHLORDANE, TOTAL	FL
EPA 8081 A	DELTA-BHC	FL	EPA 8081 A	DIELDRIN	FL
EPA 8081 A	ENDOSULFAN I	FL	EPA 8081 A	ENDOSULFAN II	FL
EPA 8081 A	ENDOSULFAN SULFATE	FL	EPA 8081 A	ENDRIN	FL
EPA 8081 A	ENDRIN ALDEHYDE	FL	EPA 8081 A	ENDRIN KETONE	FL
EPA 8081 A	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	FL	EPA 8081 A	GAMMA-CHLORDANE (TRANS-CHLORDANE)	FL
EPA 8081 A	HEPTACHLOR	FL	EPA 8081 A	HEPTACHLOR EPOXIDE	FL
EPA 8081 A	METHOXYCHLOR	FL	EPA 8081 A	TOXAPHENE (CHLORINATED CAMPHENE)	FL
EPA 8081 B	4,4'-DDD	FL	EPA 8081 B	4,4'-DDE	FL
EPA 8081 B	4,4'-DDT	FL	EPA 8081 B	ALDRIN	FL
EPA 8081 B	ALPHA-BHC (ALPHA-HEXACHLOROCYCLOHEXANE)	FL	EPA 8081 B	ALPHA-CHLORDANE (CIS-CHLORDANE)	FL
EPA 8081 B	BETA-BHC (BETA-HEXACHLOROCYCLOHEXANE)	FL	EPA 8081 B	CHLORDANE, TOTAL	FL
EPA 8081 B	DELTA-BHC	FL	EPA 8081 B	DIELDRIN	FL
EPA 8081 B	ENDOSULFAN I	FL	EPA 8081 B	ENDOSULFAN II	FL
EPA 8081 B	ENDOSULFAN SULFATE	FL	EPA 8081 B	ENDRIN	FL
EPA 8081 B	ENDRIN ALDEHYDE	FL	EPA 8081 B	ENDRIN KETONE	FL
EPA 8081 B	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	FL	EPA 8081 B	GAMMA-CHLORDANE (TRANS-CHLORDANE)	FL
EPA 8081 B	HEPTACHLOR	FL	EPA 8081 B	HEPTACHLOR EPOXIDE	FL
EPA 8081 B	METHOXYCHLOR	FL	EPA 8081 B	TOXAPHENE (CHLORINATED CAMPHENE)	FL
EPA 8082 A	AROCLOR-1016 (PCB-1016)	FL	EPA 8082 A	AROCLOR-1221 (PCB-1221)	FL
EPA 8082 A	AROCLOR-1232 (PCB-1232)	FL	EPA 8082 A	AROCLOR-1242 (PCB-1242)	FL

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SOLID AND CHEMICAL MATERIALS

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8082 A	AROCLOR-1248 (PCB-1248)	FL	EPA 8082 A	AROCLOR-1254 (PCB-1254)	FL
EPA 8082 A	AROCLOR-1260 (PCB-1260)	FL	EPA 8151 A	2,4,5-T	FL
EPA 8151 A	2,4-D	FL	EPA 8151 A	2,4-DB	FL
EPA 8151 A	DALAPON	FL	EPA 8151 A	DICAMBA	FL
EPA 8151 A	DICHLOROPROP (DICHLORPROP)	FL	EPA 8151 A	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)	FL
EPA 8151 A	MCPA	FL	EPA 8151 A	MCPP	FL
EPA 8151 A	PENTACHLOROPHENOL	FL	EPA 8151 A	SILVEX (2,4,5-TP)	FL
EPA 8260 B	1,1,1,2-TETRACHLOROETHANE	FL	EPA 8260 B	1,1,1-TRICHLOROETHANE	FL
EPA 8260 B	1,1,1,2-TETRACHLOROETHANE	FL	EPA 8260 B	1,1,2-TRICHLOROETHANE	FL
EPA 8260 B	1,1-DICHLOROETHANE	FL	EPA 8260 B	1,1-DICHLOROETHYLENE	FL
EPA 8260 B	1,1-DICHLOROPROPENE	FL	EPA 8260 B	1,2,3-TRICHLOROBENZENE	FL
EPA 8260 B	1,2,3-TRICHLOROPROPANE	FL	EPA 8260 B	1,2,4-TRICHLOROBENZENE	FL
EPA 8260 B	1,2,4-TRIMETHYLBENZENE	FL	EPA 8260 B	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	FL
EPA 8260 B	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	FL	EPA 8260 B	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	FL
EPA 8260 B	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	FL	EPA 8260 B	1,2-DICHLOROPROPANE	FL
EPA 8260 B	1,3,5-TRIMETHYLBENZENE	FL	EPA 8260 B	1,3-DICHLOROBENZENE (M-DICHLOROBENZENE)	FL
EPA 8260 B	1,3-DICHLOROPROPANE	FL	EPA 8260 B	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	FL
EPA 8260 B	1,4-DIOXANE (P-DIOXANE /1,4- DIETHYLENEOXIDE)	FL	EPA 8260 B	1-CHLOROHEXANE	FL
EPA 8260 B	2,2-DICHLOROPROPANE	FL	EPA 8260 B	2-BUTANONE (METHYL ETHYL KETONE, MEK)	FL
EPA 8260 B	2-CHLOROETHYL VINYL ETHER	FL	EPA 8260 B	2-CHLOROTOLUENE	FL
EPA 8260 B	2-HEXANONE	FL	EPA 8260 B	2-NITROPROPANE	FL
EPA 8260 B	4-CHLOROTOLUENE	FL	EPA 8260 B	4-ISOPROPYLTOLUENE (P-CYME, P-ISOPROPYLTOLUENE)	FL
EPA 8260 B	4-METHYL-2-PENTANONE (METHYL ISOBUTYL KETONE, MIBK)	FL	EPA 8260 B	ACETONE	FL
EPA 8260 B	ACETONITRILE	FL	EPA 8260 B	ACROLEIN (PROPENAL)	FL
EPA 8260 B	ACRYLONITRILE	FL	EPA 8260 B	ALLYL CHLORIDE (3-CHLOROPROPENE)	FL
EPA 8260 B	BENZENE	FL	EPA 8260 B	BROMOBENZENE	FL
EPA 8260 B	BROMOCHLOROMETHANE	FL	EPA 8260 B	BROMODICHLOROMETHANE	FL
EPA 8260 B	BROMOFORM	FL	EPA 8260 B	CARBON DISULFIDE	FL
EPA 8260 B	CARBON TETRACHLORIDE	FL	EPA 8260 B	CHLOROBENZENE	FL
EPA 8260 B	CHLORODIBROMOMETHANE	FL	EPA 8260 B	CHLOROETHANE (ETHYL CHLORIDE)	FL
EPA 8260 B	CHLOROFORM	FL	EPA 8260 B	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	FL

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Scope of Accreditation

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Microbac Laboratories, Inc. - Marietta OH
158 Starlite Drive
Marietta, OH 45750

Virginia Laboratory ID: 460187
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SOLID AND CHEMICAL MATERIALS

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8260 B	CIS-1,2-DICHLOROETHYLENE	FL	EPA 8260 B	CIS-1,3-DICHLOROPROPENE	FL
EPA 8260 B	DIBROMOMETHANE (METHYLENE BROMIDE)	FL	EPA 8260 B	DICHLORODIFLUOROMETHANE (FREON-12)	FL
EPA 8260 B	DIETHYL ETHER	FL	EPA 8260 B	ETHYL ACETATE	FL
EPA 8260 B	ETHYL METHACRYLATE	FL	EPA 8260 B	ETHYLBENZENE	FL
EPA 8260 B	HEXACHLOROBUTADIENE (1,3-HEXACHLOROBUTADIENE)	FL	EPA 8260 B	IODOMETHANE (METHYL IODIDE)	FL
EPA 8260 B	ISOBUTYL ALCOHOL (2-METHYL-1-PROPANOL)	FL	EPA 8260 B	ISOPROPYLBENZENE	FL
EPA 8260 B	METHACRYLONITRILE	FL	EPA 8260 B	METHYL BROMIDE (BROMOMETHANE)	FL
EPA 8260 B	METHYL CHLORIDE (CHLOROMETHANE)	FL	EPA 8260 B	METHYL METHACRYLATE	FL
EPA 8260 B	METHYL TERT-BUTYL ETHER (MTBE)	FL	EPA 8260 B	METHYLENE CHLORIDE (DICHLOROMETHANE)	FL
EPA 8260 B	N-BUTYLBENZENE	FL	EPA 8260 B	N-PROPYLBENZENE	FL
EPA 8260 B	NAPHTHALENE	FL	EPA 8260 B	PROPIONITRILE (ETHYL CYANIDE)	FL
EPA 8260 B	SEC-BUTYLBENZENE	FL	EPA 8260 B	STYRENE	FL
EPA 8260 B	TERT-BUTYL ALCOHOL (2-METHYL-2-PROPANOL)	FL	EPA 8260 B	TERT-BUTYLBENZENE	FL
EPA 8260 B	TETRACHLOROETHENE (PERCHLOROETHENE)	FL	EPA 8260 B	TOLUENE	FL
EPA 8260 B	TRANS-1,2-DICHLOROETHENE	FL	EPA 8260 B	TRANS-1,3-DICHLOROPROPENE (TRANS-1,3-DICHLOROPROPYLENE)	FL
EPA 8260 B	TRANS-1,4-DICHLORO-2-BUTENE	FL	EPA 8260 B	TRICHLOROETHENE (TRICHLOROETHYLENE)	FL
EPA 8260 B	TRICHLOROFLUOROMETHANE (FLUOROTRICHLOROMETHANE, FREON 11)	FL	EPA 8260 B	VINYL ACETATE	FL
EPA 8260 B	VINYL CHLORIDE (CHLOROETHENE)	FL	EPA 8260 B	XYLENE (TOTAL)	FL
EPA 8270 C	1,2,4,5-TETRACHLOROBENZENE	FL	EPA 8270 C	1,2,4-TRICHLOROBENZENE	FL
EPA 8270 C	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	FL	EPA 8270 C	1,2-DIPHENYLHYDRAZINE	FL
EPA 8270 C	1,3,5-TRINITROBENZENE (1,3,5-TNB)	FL	EPA 8270 C	1,3-DICHLOROBENZENE (M-DICHLOROBENZENE)	FL
EPA 8270 C	1,3-DINITROBENZENE (1,3-DNB)	FL	EPA 8270 C	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	FL
EPA 8270 C	1,4-NAPHTHOQUINONE	FL	EPA 8270 C	1,4-PHENYLENEDIAMINE	FL
EPA 8270 C	1-NAPHTHYLAMINE	FL	EPA 8270 C	2,2'-OXYBIS(1-CHLOROPROPANE)	FL
EPA 8270 C	2,3,4,6-TETRACHLOROPHENOL	FL	EPA 8270 C	2,4,5-TRICHLOROPHENOL	FL
EPA 8270 C	2,4,6-TRICHLOROPHENOL	FL	EPA 8270 C	2,4-DICHLOROPHENOL	FL
EPA 8270 C	2,4-DIMETHYLPHENOL	FL	EPA 8270 C	2,4-DINITROPHENOL	FL
EPA 8270 C	2,4-DINITROTOLUENE (2,4-DNT)	FL	EPA 8270 C	2,6-DICHLOROPHENOL	FL
EPA 8270 C	2,6-DINITROTOLUENE (2,6-DNT)	FL	EPA 8270 C	2-ACETYLAMINOFLUORENE	FL
EPA 8270 C	2-CHLORONAPHTHALENE	FL	EPA 8270 C	2-CHLOROPHENOL	FL

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SOLID AND CHEMICAL MATERIALS

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8270 C	2-METHYL-4,6-DINITROPHENOL (4,6-DINITRO-2-METHYLPHENOL)	FL	EPA 8270 C	2-METHYLNAPHTHALENE	FL
EPA 8270 C	2-METHYLPHENOL (O-CRESOL)	FL	EPA 8270 C	2-NAPHTHYLAMINE	FL
EPA 8270 C	2-NITROANILINE	FL	EPA 8270 C	2-NITROPHENOL	FL
EPA 8270 C	2-PICOLINE (2-METHYLPYRIDINE)	FL	EPA 8270 C	3,3'-DICHLOROBENZIDINE	FL
EPA 8270 C	3,3'-DIMETHYLBENZIDINE	FL	EPA 8270 C	3-METHYLCHOLANTHRENE	FL
EPA 8270 C	3-NITROANILINE	FL	EPA 8270 C	4-AMINOBIIPHENYL	FL
EPA 8270 C	4-BROMOPHENYL PHENYL ETHER (BDE-3)	FL	EPA 8270 C	4-CHLORO-3-METHYLPHENOL	FL
EPA 8270 C	4-CHLOROANILINE	FL	EPA 8270 C	4-CHLOROPHENYL PHENYLETHER	FL
EPA 8270 C	4-DIMETHYL AMINOAZOBENZENE	FL	EPA 8270 C	4-NITROANILINE	FL
EPA 8270 C	4-NITROPHENOL	FL	EPA 8270 C	5-NITRO-O-TOLUIDINE	FL
EPA 8270 C	7,12-DIMETHYLBENZ(A) ANTHRACENE	FL	EPA 8270 C	A-A-DIMETHYLPHENETHYLAMINE	FL
EPA 8270 C	ACENAPHTHENE	FL	EPA 8270 C	ACENAPHTHYLENE	FL
EPA 8270 C	ACETOPHENONE	FL	EPA 8270 C	ANILINE	FL
EPA 8270 C	ANTHRACENE	FL	EPA 8270 C	ARAMITE	FL
EPA 8270 C	BENZIDINE	FL	EPA 8270 C	BENZO(A)ANTHRACENE	FL
EPA 8270 C	BENZO(A)PYRENE	FL	EPA 8270 C	BENZO(B)FLUORANTHENE	FL
EPA 8270 C	BENZO(G,H,I)PERYLENE	FL	EPA 8270 C	BENZO(K)FLUORANTHENE	FL
EPA 8270 C	BENZOIC ACID	FL	EPA 8270 C	BENZYL ALCOHOL	FL
EPA 8270 C	BIS(2-CHLOROETHOXY)METHANE	FL	EPA 8270 C	BIS(2-CHLOROETHYL) ETHER	FL
EPA 8270 C	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)	FL	EPA 8270 C	BUTYL BENZYL PHTHALATE	FL
EPA 8270 C	CHLOROBENZILATE	FL	EPA 8270 C	CHRYSENE	FL
EPA 8270 C	DI-N-BUTYL PHTHALATE	FL	EPA 8270 C	DI-N-OCTYL PHTHALATE	FL
EPA 8270 C	DIALATE	FL	EPA 8270 C	DIBENZO(A,H) ANTHRACENE	FL
EPA 8270 C	DIBENZOFURAN	FL	EPA 8270 C	DIETHYL PHTHALATE	FL
EPA 8270 C	DIMETHOATE	FL	EPA 8270 C	DIMETHYL PHTHALATE	FL
EPA 8270 C	DISULFOTON	FL	EPA 8270 C	ETHYL METHANESULFONATE	FL
EPA 8270 C	FAMPHUR	FL	EPA 8270 C	FLUORANTHENE	FL
EPA 8270 C	FLUORENE	FL	EPA 8270 C	HEXACHLOROBENZENE	FL
EPA 8270 C	HEXACHLOROBUTADIENE (1,3-HEXACHLOROBUTADIENE)	FL	EPA 8270 C	HEXACHLOROCYCLOPENTADIENE	FL
EPA 8270 C	HEXACHLOROETHANE	FL	EPA 8270 C	HEXACHLOROPROPENE	FL
EPA 8270 C	HEXAMETHYLPHOSPHORAMIDE (HMPA)	FL	EPA 8270 C	INDENO(1,2,3-CD) PYRENE	FL
EPA 8270 C	ISODRIN	FL	EPA 8270 C	ISOPHORONE	FL
EPA 8270 C	ISOSAFROLE	FL	EPA 8270 C	KEPONE	FL
EPA 8270 C	METHAPYRILENE	FL	EPA 8270 C	METHYL METHANESULFONATE	FL
EPA 8270 C	METHYL PARATHION (PARATHION, METHYL)	FL	EPA 8270 C	N-NITROSO-DI-N-BUTYLAMINE	FL

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SOLID AND CHEMICAL MATERIALS

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8270 C	N-NITROSODI-N-PROPYLAMINE	FL	EPA 8270 C	N-NITROSODIETHYLAMINE	FL
EPA 8270 C	N-NITROSODIMETHYLAMINE	FL	EPA 8270 C	N-NITROSODIPHENYLAMINE	FL
EPA 8270 C	N-NITROSOMETHYLETHYLAMINE	FL	EPA 8270 C	N-NITROSOMORPHOLINE	FL
EPA 8270 C	N-NITROSOPIPERIDINE	FL	EPA 8270 C	N-NITROSOPYRROLIDINE	FL
EPA 8270 C	NAPHTHALENE	FL	EPA 8270 C	NITROBENZENE	FL
EPA 8270 C	O,O,O-TRIETHYL PHOSPHOROTHIOATE	FL	EPA 8270 C	O-TOLUIDINE (2-METHYLANILINE)	FL
EPA 8270 C	PARATHION (PARATHION - ETHYL)	FL	EPA 8270 C	PENTACHLOROBENZENE	FL
EPA 8270 C	PENTACHLORONITROBENZENE	FL	EPA 8270 C	PENTACHLOROPHENOL	FL
EPA 8270 C	PHENACETIN	FL	EPA 8270 C	PHENANTHRENE	FL
EPA 8270 C	PHENOL	FL	EPA 8270 C	PHORATE	FL
EPA 8270 C	PRONAMIDE (KERB)	FL	EPA 8270 C	PYRENE	FL
EPA 8270 C	PYRIDINE	FL	EPA 8270 C	SAFROLE	FL
EPA 8270 C	SULFOTEP (TETRAETHYL DITHIOPYROPHOSPHATE, TEDP)	FL	EPA 8270 C	THIONAZIN (ZINOPHOS, DIETHYL-O-2-PYRAZINYL PHOSPHOROTHIONATE)	FL
EPA 8270 C - EXTENDED	3+4-METHYLPHENOL (M+P CRESOL)	FL	EPA 8270 C - EXTENDED	CARBAZOLE	FL
EPA 8270 D	1,2,4,5-TETRACHLOROBENZENE	FL	EPA 8270 D	1,2,4-TRICHLOROBENZENE	FL
EPA 8270 D	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	FL	EPA 8270 D	1,2-DIPHENYLHYDRAZINE	FL
EPA 8270 D	1,3,5-TRINITROBENZENE (1,3,5-TNB)	FL	EPA 8270 D	1,3-DICHLOROBENZENE (M-DICHLOROBENZENE)	FL
EPA 8270 D	1,3-DINITROBENZENE (1,3-DNB)	FL	EPA 8270 D	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	FL
EPA 8270 D	1,4-NAPHTHOQUINONE	FL	EPA 8270 D	1,4-PHENYLENEDIAMINE	FL
EPA 8270 D	1-NAPHTHYLAMINE	FL	EPA 8270 D	2,2'-OXYBIS(1-CHLOROPROPANE)	FL
EPA 8270 D	2,3,4,6-TETRACHLOROPHENOL	FL	EPA 8270 D	2,4,5-TRICHLOROPHENOL	FL
EPA 8270 D	2,4,6-TRICHLOROPHENOL	FL	EPA 8270 D	2,4-DICHLOROPHENOL	FL
EPA 8270 D	2,4-DIMETHYLPHENOL	FL	EPA 8270 D	2,4-DINITROPHENOL	FL
EPA 8270 D	2,4-DINITROTOLUENE (2,4-DNT)	FL	EPA 8270 D	2,6-DICHLOROPHENOL	FL
EPA 8270 D	2,6-DINITROTOLUENE (2,6-DNT)	FL	EPA 8270 D	2-ACETYLAMINOFLUORENE	FL
EPA 8270 D	2-CHLORONAPHTHALENE	FL	EPA 8270 D	2-CHLOROPHENOL	FL
EPA 8270 D	2-METHYL-4,6-DINITROPHENOL (4,6-DINITRO-2-METHYLPHENOL)	FL	EPA 8270 D	2-METHYLNAPHTHALENE	FL
EPA 8270 D	2-METHYLPHENOL (O-CRESOL)	FL	EPA 8270 D	2-NAPHTHYLAMINE	FL
EPA 8270 D	2-NITROANILINE	FL	EPA 8270 D	2-NITROPHENOL	FL
EPA 8270 D	2-PICOLINE (2-METHYLPYRIDINE)	FL	EPA 8270 D	3,3'-DICHLOROBENZIDINE	FL
EPA 8270 D	3,3'-DIMETHYLBENZIDINE	FL	EPA 8270 D	3-METHYLCHOLANTHRENE	FL
EPA 8270 D	3-NITROANILINE	FL	EPA 8270 D	4-AMINOBIIPHENYL	FL
EPA 8270 D	4-BROMOPHENYL PHENYL ETHER (BDE-3)	FL	EPA 8270 D	4-CHLORO-3-METHYLPHENOL	FL
EPA 8270 D	4-CHLOROANILINE	FL	EPA 8270 D	4-CHLOROPHENYL PHENYLETHER	FL

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Commonwealth of Virginia
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Scope of Accreditation

VELAP Certificate No.: 12611

Microbac Laboratories, Inc. - Marietta OH
158 Starlite Drive
Marietta, OH 45750

Virginia Laboratory ID: 460187
Effective Date: September 15, 2023
Expiration Date: September 14, 2024

SOLID AND CHEMICAL MATERIALS

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8270 D	4-DIMETHYL AMINOAZOBENZENE	FL	EPA 8270 D	4-NITROANILINE	FL
EPA 8270 D	4-NITROPHENOL	FL	EPA 8270 D	5-NITRO-O-TOLUIDINE	FL
EPA 8270 D	7,12-DIMETHYLBENZ(A) ANTHRACENE	FL	EPA 8270 D	A-A-DIMETHYLPHENETHYLAMINE	FL
EPA 8270 D	ACENAPHTHENE	FL	EPA 8270 D	ACENAPHTHYLENE	FL
EPA 8270 D	ACETOPHENONE	FL	EPA 8270 D	ANILINE	FL
EPA 8270 D	ANTHRACENE	FL	EPA 8270 D	ARAMITE	FL
EPA 8270 D	BENZIDINE	FL	EPA 8270 D	BENZO(A)ANTHRACENE	FL
EPA 8270 D	BENZO(A)PYRENE	FL	EPA 8270 D	BENZO(B)FLUORANTHENE	FL
EPA 8270 D	BENZO(G,H,I)PERYLENE	FL	EPA 8270 D	BENZO(K)FLUORANTHENE	FL
EPA 8270 D	BENZOIC ACID	FL	EPA 8270 D	BENZYL ALCOHOL	FL
EPA 8270 D	BIS(2-CHLOROETHOXY)METHANE	FL	EPA 8270 D	BIS(2-CHLOROETHYL) ETHER	FL
EPA 8270 D	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)	FL	EPA 8270 D	BUTYL BENZYL PHTHALATE	FL
EPA 8270 D	CHLOROBENZILATE	FL	EPA 8270 D	CHRYSENE	FL
EPA 8270 D	DI-N-BUTYL PHTHALATE	FL	EPA 8270 D	DI-N-OCTYL PHTHALATE	FL
EPA 8270 D	DIALATE	FL	EPA 8270 D	DIBENZO(A,H) ANTHRACENE	FL
EPA 8270 D	DIBENZOFURAN	FL	EPA 8270 D	DIETHYL PHTHALATE	FL
EPA 8270 D	DIMETHOATE	FL	EPA 8270 D	DIMETHYL PHTHALATE	FL
EPA 8270 D	DISULFOTON	FL	EPA 8270 D	ETHYL METHANESULFONATE	FL
EPA 8270 D	FAMPHUR	FL	EPA 8270 D	FLUORANTHENE	FL
EPA 8270 D	FLUORENE	FL	EPA 8270 D	HEXACHLOROBENZENE	FL
EPA 8270 D	HEXACHLOROBUTADIENE (1,3-HEXACHLOROBUTADIENE)	FL	EPA 8270 D	HEXACHLOROCYCLOPENTADIENE	FL
EPA 8270 D	HEXACHLOROETHANE	FL	EPA 8270 D	HEXACHLOROPROPENE	FL
EPA 8270 D	HEXAMETHYLPHOSPHORAMIDE (HMPA)	FL	EPA 8270 D	INDENO(1,2,3-CD) PYRENE	FL
EPA 8270 D	ISODRIN	FL	EPA 8270 D	ISOPHORONE	FL
EPA 8270 D	ISOSAFROLE	FL	EPA 8270 D	KEPONE	FL
EPA 8270 D	METHAPYRILENE	FL	EPA 8270 D	METHYL METHANESULFONATE	FL
EPA 8270 D	METHYL PARATHION (PARATHION, METHYL)	FL	EPA 8270 D	N-NITROSO-DI-N-BUTYLAMINE	FL
EPA 8270 D	N-NITROSODI-N-PROPYLAMINE	FL	EPA 8270 D	N-NITROSODIETHYLAMINE	FL
EPA 8270 D	N-NITROSODIMETHYLAMINE	FL	EPA 8270 D	N-NITROSODIPHENYLAMINE	FL
EPA 8270 D	N-NITROSOMETHYLETHYLAMINE	FL	EPA 8270 D	N-NITROSOMORPHOLINE	FL
EPA 8270 D	N-NITROSOPIPERIDINE	FL	EPA 8270 D	N-NITROSOPYRROLIDINE	FL
EPA 8270 D	NAPHTHALENE	FL	EPA 8270 D	NITROBENZENE	FL
EPA 8270 D	O,O,O-TRIETHYL PHOSPHOROTHIOATE	FL	EPA 8270 D	O-TOLUIDINE (2-METHYLANILINE)	FL
EPA 8270 D	PARATHION (PARATHION - ETHYL)	FL	EPA 8270 D	PENTACHLOROBENZENE	FL
EPA 8270 D	PENTACHLORONITROBENZENE	FL	EPA 8270 D	PENTACHLOROPHENOL	FL

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SOLID AND CHEMICAL MATERIALS

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8270 D	PHENACETIN	FL	EPA 8270 D	PHENANTHRENE	FL
EPA 8270 D	PHENOL	FL	EPA 8270 D	PHORATE	FL
EPA 8270 D	PRONAMIDE (KERB)	FL	EPA 8270 D	PYRENE	FL
EPA 8270 D	SAFROLE	FL	EPA 8270 D	SULFOTEP (TETRAETHYL DITHIOPYROPHOSPHATE, TEDP)	FL
EPA 8270 D	THIONAZIN (ZINOPHOS, DIETHYL-O-2-PYRAZINYL PHOSPHOROTHIONATE)	FL	EPA 8270 D - EXTENDED	3+4-METHYLPHENOL (M+P CRESOL)	FL
EPA 8270 D - EXTENDED	CARBAZOLE	FL	EPA 8270 D SIM	DIALATE	FL
EPA 8270 D SIM	DIMETHOATE	FL	EPA 8270 D SIM	DISULFOTON	FL
EPA 8270 D SIM	FAMPHUR	FL	EPA 8270 D SIM	KEPONE	FL
EPA 8270 D SIM	METHYL PARATHION (PARATHION, METHYL)	FL	EPA 8270 D SIM	PHORATE	FL
EPA 8315 A	FORMALDEHYDE	FL	EPA 8330 A	1,3,5-TRINITROBENZENE (1,3,5-TNB)	FL
EPA 8330 A	1,3-DINITROBENZENE (1,3-DNB)	FL	EPA 8330 A	2,4,6-TRINITROTOLUENE (2,4,6-TNT)	FL
EPA 8330 A	2,4-DINITROTOLUENE (2,4-DNT)	FL	EPA 8330 A	2,6-DINITROTOLUENE (2,6-DNT)	FL
EPA 8330 A	2-AMINO-4,6-DINITROTOLUENE (2-AM-DNT)	FL	EPA 8330 A	2-NITROTOLUENE	FL
EPA 8330 A	3-NITROTOLUENE	FL	EPA 8330 A	4-AMINO-2,6-DINITROTOLUENE (4-AM-DNT)	FL
EPA 8330 A	4-NITROTOLUENE	FL	EPA 8330 A	METHYL-2,4,6-TRINITROPHENYLNIT RAMINE (TETRYL)	FL
EPA 8330 A	NITROBENZENE	FL	EPA 8330 A	OCTAHYDRO-1,3,5,7-TETRANITRO-1 ,3,5,7-TETRAZOCINE (HMX)	FL
EPA 8330 A	RDX (HEXAHYDRO-1,3,5-TRINITRO-1,3,5- TRIAZINE)	FL	EPA 8330 B	1,3,5-TRINITROBENZENE (1,3,5-TNB)	FL
EPA 8330 B	1,3-DINITROBENZENE (1,3-DNB)	FL	EPA 8330 B	2,4,6-TRINITROTOLUENE (2,4,6-TNT)	FL
EPA 8330 B	2,4-DINITROTOLUENE (2,4-DNT)	FL	EPA 8330 B	2,6-DINITROTOLUENE (2,6-DNT)	FL
EPA 8330 B	2-AMINO-4,6-DINITROTOLUENE (2-AM-DNT)	FL	EPA 8330 B	2-NITROTOLUENE	FL
EPA 8330 B	3-NITROTOLUENE	FL	EPA 8330 B	4-AMINO-2,6-DINITROTOLUENE (4-AM-DNT)	FL
EPA 8330 B	4-NITROTOLUENE	FL	EPA 8330 B	METHYL-2,4,6-TRINITROPHENYLNIT RAMINE (TETRYL)	FL
EPA 8330 B	NITROBENZENE	FL	EPA 8330 B	NITROGLYCERIN	FL
EPA 8330 B	OCTAHYDRO-1,3,5,7-TETRANITRO-1 ,3,5,7-TETRAZOCINE (HMX)	FL	EPA 8330 B	PENTAERYTHRITOLTETRANITRATE (PETN)	FL
EPA 8330 B	RDX (HEXAHYDRO-1,3,5-TRINITRO-1,3,5- TRIAZINE)	FL	EPA 9014	CYANIDE	FL
EPA 9030 B	PREP: SULFIDE	FL	EPA 9034	TOTAL SULFIDES	FL
EPA 9040 C	PH	FL	EPA 9045 D	PH	FL
EPA 9056 A	BROMIDE	FL	EPA 9056 A	CHLORIDE	FL
EPA 9056 A	FLUORIDE	FL	EPA 9056 A	NITRATE AS N	FL
EPA 9056 A	NITRITE AS N	FL	EPA 9056 A	SULFATE	FL

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SOLID AND CHEMICAL MATERIALS

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EPA 9095 B	FREE LIQUID	FL	SM 2540 G-2011	RESIDUE-VOLATILE	FL