

CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing

Microbac Laboratories, Inc.

Marietta Division

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Certificate No. 2730 RECIPROCITY

Expiration Date 06/30/2021

***As of 1/20/2021, this list supersedes all previous lists for this certificate number.**

Customers: Please verify the current accreditation standing with the State.

Field of Testing: 108 – Inorganic Constituents in Non-Potable Water

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
108.001	001	Specific Conductance	EPA 120.1 (1982 Rev.1.0)	FL
108.013	002	Magnesium	EPA 200.7 (1994 Rev. 4.4)	FL
108.013	003	Phosphorus, Total	EPA 200.7 (1994 Rev. 4.4)	FL
108.013	004	Potassium	EPA 200.7 (1994 Rev. 4.4)	FL
108.013	005	Silica, Dissolved	EPA 200.7 (1994 Rev. 4.4)	FL
108.013	006	Sodium	EPA 200.7 (1994 Rev. 4.4)	FL
108.017	004	Nitrate (as N)	EPA 300.0 (1993 Rev. 2.1)	FL
108.017	006	Nitrite (as N)	EPA 300.0 (1993 Rev. 2.1)	FL
108.017	008	Sulfate (as SO ₄)	EPA 300.0 (1993 Rev. 2.1)	FL
108.021	001	Alkalinity	EPA 310.2 (1974 Rev. 1.0)	FL

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
108.025	001	Ammonia (as N)	EPA 350.1 (1993 Rev. 2.0)	FL
108.029	001	Kjeldahl Nitrogen, Total (as N)	EPA 351.2 (1993 Rev. 2.0)	FL
108.033	001	Nitrate-Nitrite (as N)	EPA 353.2 (1993 Rev. 2.0)	FL
108.045	001	Chemical Oxygen Demand	EPA 410.4 (1993 Rev. 2.0)	FL
108.053	001	Oil & Grease Total	EPA 1664 A	FL
108.055	001	Color	SM 2120 B- 2011	FL
108.061	001	Acidity	SM 2310 B- 2011	FL
108.067	001	Hardness	SM 2340 C- 2011	FL
108.069	001	Specific Conductance	SM 2510 B- 2011	FL
108.071	001	Residue, Total	SM 2540 B- 2011	FL
108.073	001	Residue, Filterable TDS	SM 2540 C- 2011	FL
108.075	001	Residue, Non-filterable TSS	SM 2540 D- 2011	FL
108.079	001	Residue, Settleable	SM 2540 F- 2011	FL
108.122	001	Chloride	SM 4500- Chloride E- 2011	FL
108.125	001	Cyanide, Total	SM 4500-CN E- 2011	FL
108.131	001	Fluoride	SM 4500-F C- 2011	FL
108.137	001	Hydrogen Ion (pH)	SM 4500-H+ B- 2011	FL
108.147	001	Ammonia (as N)	SM 4500-NH3 G-2011	FL
108.153	001	Nitrite (as N)	SM 4500-NO2 B-2011	FL
108.175	001	Phosphate, Ortho (as P)	SM 4500-P E- 2011	FL
108.195	001	Sulfate (as SO4)	SM 4500-SO4 E-2011	FL
108.203	001	Sulfide (as S)	SM 4500-S F- 2011	FL
108.207	001	Biochemical Oxygen Demand	SM 5210 B- 2011	FL

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
108.207	002	Carbonaceous BOD	SM 5210 B-2011	FL
108.217	001	Organic Carbon-Total (TOC)	SM 5310 C-2011	FL
108.225	001	Surfactants	SM 5540 C-2011	FL
108.325	001	Chemical Oxygen Demand	Hach 8000	FL

Field of Testing: 109 – Metals and Trace Elements in Non-Potable Water

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
109.623	001	Aluminum	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	002	Antimony	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	003	Arsenic	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	004	Barium	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	005	Beryllium	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	007	Cadmium	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	008	Chromium	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	009	Cobalt	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	010	Copper	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	011	Iron	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	012	Lead	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	013	Manganese	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	014	Molybdenum	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	015	Nickel	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	016	Selenium	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	017	Silver	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	018	Thallium	EPA 200.7 (1994 Rev. 4.4)	FL

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
109.623	019	Tin	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	020	Titanium	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	021	Vanadium	EPA 200.7 (1994 Rev. 4.4)	FL
109.623	022	Zinc	EPA 200.7 (1994 Rev. 4.4)	FL
109.625	002	Antimony	EPA 200.8 (1994 Rev. 5.4)	FL
109.625	003	Arsenic	EPA 200.8 (1994 Rev. 5.4)	FL
109.625	004	Barium	EPA 200.8 (1994 Rev. 5.4)	FL
109.625	005	Beryllium	EPA 200.8 (1994 Rev. 5.4)	FL
109.625	007	Cadmium	EPA 200.8 (1994 Rev. 5.4)	FL
109.625	008	Chromium	EPA 200.8 (1994 Rev. 5.4)	FL
109.625	009	Cobalt	EPA 200.8 (1994 Rev. 5.4)	FL
109.625	010	Copper	EPA 200.8 (1994 Rev. 5.4)	FL
109.625	013	Lead	EPA 200.8 (1994 Rev. 5.4)	FL
109.625	016	Nickel	EPA 200.8 (1994 Rev. 5.4)	FL
109.625	017	Selenium	EPA 200.8 (1994 Rev. 5.4)	FL
109.625	018	Silver	EPA 200.8 (1994 Rev. 5.4)	FL
109.625	019	Thallium	EPA 200.8 (1994 Rev. 5.4)	FL
109.625	022	Vanadium	EPA 200.8 (1994 Rev. 5.4)	FL
109.625	023	Zinc	EPA 200.8 (1994 Rev. 5.4)	FL
109.685	001	Chromium	SM 3500-Cr B-2011	FL

Field of Testing: 110 – Volatile Organic Constituents in Non-Potable Water

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
110.040	001	Acetone	EPA 624.1	FL

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
110.040	002	Acetonitrile	EPA 624.1	FL
110.040	003	Acrolein	EPA 624.1	FL
110.040	004	Acrylonitrile	EPA 624.1	FL
110.040	005	Benzene	EPA 624.1	FL
110.040	006	Bromodichloromethane	EPA 624.1	FL
110.040	007	Bromoform	EPA 624.1	FL
110.040	010	Carbon Tetrachloride	EPA 624.1	FL
110.040	011	Chlorobenzene	EPA 624.1	FL
110.040	012	Chloroethane	EPA 624.1	FL
110.040	013	2-Chloroethyl vinyl Ether	EPA 624.1	FL
110.040	014	Chloroform	EPA 624.1	FL
110.040	016	Dibromochloromethane (Chlorodibromomethane)	EPA 624.1	FL
110.040	017	1,2-Dichlorobenzene	EPA 624.1	FL
110.040	018	1,3-Dichlorobenzene	EPA 624.1	FL
110.040	019	1,4-Dichlorobenzene	EPA 624.1	FL
110.040	020	1,1-Dichloroethane	EPA 624.1	FL
110.040	021	1,2-Dichloroethane (Ethylene Dichloride)	EPA 624.1	FL
110.040	022	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 624.1	FL
110.040	024	1,2-Dichloropropane	EPA 624.1	FL
110.040	025	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 624.1	FL
110.040	026	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 624.1	FL
110.040	029	Ethylbenzene	EPA 624.1	FL
110.040	031	Methylene Chloride (Dichloromethane)	EPA 624.1	FL
110.040	032	4-Methyl-2-pentanone (MIBK)	EPA 624.1	FL
110.040	034	1,1,2,2-Tetrachloroethane	EPA 624.1	FL
110.040	035	Tetrachloroethylene (Tetrachloroethene)	EPA 624.1	FL
110.040	036	Tetrahydrofuran	EPA 624.1	FL
110.040	037	Toluene	EPA 624.1	FL
110.040	038	1,1,1-Trichloroethane	EPA 624.1	FL
110.040	039	1,1,2-Trichloroethane	EPA 624.1	FL
110.040	040	Trichloroethylene (Trichloroethene)	EPA 624.1	FL
110.040	041	Vinyl Chloride	EPA 624.1	FL
110.040	043	o-Xylene	EPA 624.1	FL
110.040	045	Trichlorofluoromethane	EPA 624.1	FL
110.040	047	2-Butanone (MEK)	EPA 624.1	FL

Field of Testing: 111 – Semi-volatile Organic Constituents in Non-Potable Water

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
111.160	001	Acenaphthene	EPA 625.1	FL
111.160	002	Acenaphthylene	EPA 625.1	FL
111.160	003	Anthracene	EPA 625.1	FL
111.160	004	Benzdine	EPA 625.1	FL
111.160	005	Benzo(a)anthracene	EPA 625.1	FL
111.160	006	Benzo(a)pyrene	EPA 625.1	FL
111.160	007	Benzo(b)fluoranthene	EPA 625.1	FL
111.160	008	Benzo(g,h,i)perylene	EPA 625.1	FL
111.160	009	Benzo(k)fluoranthene	EPA 625.1	FL
111.160	010	Bis(2-chloroethoxy) Methane	EPA 625.1	FL
111.160	011	Bis(2-chloroethyl) Ether	EPA 625.1	FL
111.160	014	4-Bromophenyl Phenyl Ether	EPA 625.1	FL
111.160	015	Butyl Benzyl Phthalate	EPA 625.1	FL
111.160	016	2-Chloronaphthalene	EPA 625.1	FL
111.160	017	4-Chlorophenyl Phenyl Ether	EPA 625.1	FL
111.160	018	Chrysene	EPA 625.1	FL
111.160	019	Dibenz(a,h)anthracene	EPA 625.1	FL
111.160	020	3,3'-Dichlorobenzidine	EPA 625.1	FL
111.160	021	Diethyl Phthalate	EPA 625.1	FL
111.160	022	Dimethyl Phthalate	EPA 625.1	FL
111.160	023	Di-n-butyl Phthalate	EPA 625.1	FL
111.160	024	2,4-Dinitrotoluene	EPA 625.1	FL
111.160	025	2,6-Dinitrotoluene	EPA 625.1	FL
111.160	026	Di-n-octyl Phthalate	EPA 625.1	FL
111.160	027	Fluoranthene	EPA 625.1	FL
111.160	028	Fluorene	EPA 625.1	FL
111.160	029	Hexachlorobenzene	EPA 625.1	FL
111.160	030	Hexachlorobutadiene	EPA 625.1	FL
111.160	031	Hexachloroethane	EPA 625.1	FL
111.160	032	Indeno(1,2,3-c,d)pyrene	EPA 625.1	FL
111.160	033	Isophorone	EPA 625.1	FL
111.160	034	Naphthalene	EPA 625.1	FL
111.160	035	Nitrobenzene	EPA 625.1	FL
111.160	036	N-nitroso-di-n-propylamine	EPA 625.1	FL
111.160	037	Phenanthrene	EPA 625.1	FL
111.160	038	Pyrene	EPA 625.1	FL
111.160	039	1,2,4-Trichlorobenzene	EPA 625.1	FL
111.160	040	4-Chloro-3-methylphenol	EPA 625.1	FL
111.160	041	2-Chlorophenol	EPA 625.1	FL
111.160	042	2,4-Dichlorophenol	EPA 625.1	FL
111.160	043	2,4-Dimethylphenol	EPA 625.1	FL
111.160	044	2,4-Dinitrophenol	EPA 625.1	FL

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
111.160	045	2-Methyl-4,6-dinitrophenol	EPA 625.1	FL
111.160	046	2-Nitrophenol	EPA 625.1	FL
111.160	048	Pentachlorophenol	EPA 625.1	FL
111.160	049	Phenol	EPA 625.1	FL
111.160	050	2,4,6-Trichlorophenol	EPA 625.1	FL
111.160	098	Hexachlorocyclopentadiene	EPA 625.1	FL
111.160	140	Carbazole	EPA 625.1	FL

Field of Testing: 114 – Inorganic Chemistry of Hazardous Waste

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
114.010	001	Antimony	EPA 6010 B	FL
114.010	002	Arsenic	EPA 6010 B	FL
114.010	003	Barium	EPA 6010 B	FL
114.010	004	Beryllium	EPA 6010 B	FL
114.010	005	Cadmium	EPA 6010 B	FL
114.010	006	Chromium	EPA 6010 B	FL
114.010	007	Cobalt	EPA 6010 B	FL
114.010	008	Copper	EPA 6010 B	FL
114.010	009	Lead	EPA 6010 B	FL
114.010	010	Molybdenum	EPA 6010 B	FL
114.010	011	Nickel	EPA 6010 B	FL
114.010	012	Selenium	EPA 6010 B	FL
114.010	013	Silver	EPA 6010 B	FL
114.010	014	Thallium	EPA 6010 B	FL
114.010	015	Vanadium	EPA 6010 B	FL
114.010	016	Zinc	EPA 6010 B	FL
114.020	001	Antimony	EPA 6020	FL
114.020	002	Arsenic	EPA 6020	FL
114.020	003	Barium	EPA 6020	FL
114.020	004	Beryllium	EPA 6020	FL
114.020	005	Cadmium	EPA 6020	FL
114.020	006	Chromium	EPA 6020	FL
114.020	007	Cobalt	EPA 6020	FL
114.020	008	Copper	EPA 6020	FL
114.020	009	Lead	EPA 6020	FL
114.020	011	Nickel	EPA 6020	FL
114.020	012	Selenium	EPA 6020	FL
114.020	013	Silver	EPA 6020	FL
114.020	014	Thallium	EPA 6020	FL
114.020	015	Vanadium	EPA 6020	FL
114.020	016	Zinc	EPA 6020	FL

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
114.103	001	Chromium VI (Hexavalent Chromium)	EPA 7196 A	FL
114.140	001	Mercury	EPA 7470 A Aqueous Only	FL
114.141	001	Mercury	EPA 7471 A	FL
114.222	001	Cyanide, Total	EPA 9014	FL
114.230	001	Sulfides	EPA 9034	FL
114.250	001	Fluoride	EPA 9056	FL

Field of Testing: 115 – Extraction Test of Hazardous Waste

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	FL
115.030	001	Waste Extraction Test (WET)	CCR Chapter 11, Article 5, Appendix II	FL
115.040	991	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	FL

Field of Testing: 116 – Volatile Organic Chemistry of Hazardous Waste

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
116.010	000	EDB and DBCP	EPA 8011 Aqueous Only	FL
116.020	030	Nonhalogenated Volatiles	EPA 8015 B	FL
116.020	031	Ethanol and Methanol	EPA 8015 B	FL
116.030	001	Gasoline Range Organics (GRO)	EPA 8015 B	FL
116.080	000	Volatile Organic Compounds	EPA 8260 B	FL
116.080	120	Oxygenates	EPA 8260 B	FL

Field of Testing: 117 – Semi-volatile Organic Chemistry of Hazardous Waste

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
117.010	001	Diesel Range Organics (DRO)	EPA 8015 B	FL
117.110	000	Extractable Organics	EPA 8270 C	FL

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
117.170	000	Nitroaromatics and Nitramines	EPA 8330	FL
117.171	000	Nitroaromatics and Nitramines	EPA 8330 A	FL
117.210	000	Organochlorine Pesticides	EPA 8081 A	FL
117.250	000	Chlorinated Herbicides	EPA 8151 A	FL

Field of Testing: 120 – Physical Properties of Hazardous Waste

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
120.010	001	Ignitability	EPA 1010	FL
120.022	001	Ignitability	EPA 1030	FL
120.040	001	Reactive Cyanide	Section 7.3 SW-846	FL
120.050	001	Reactive Sulfide	Section 7.3 SW-846	FL