



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



E84167

BENCHMARK ENVIROANALYTICAL, INC.  
 1711 12TH STREET EAST  
 PALMETTO, FL 34221

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

DRINKING WATER - GROUP I UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP II UNREGULATED CONTAMINANTS, DRINKING WATER - MICROBIOLOGY, DRINKING WATER - OTHER REGULATED CONTAMINANTS, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, DRINKING WATER - SYNTHETIC ORGANIC CONTAMINANTS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - MICROBIOLOGY, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - 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, 2023      Expiration Date: June 30, 2024



*Susanne Crowe*

Susanne Crowe, MHA  
 Interim Chief Bureau of Public Health Laboratories  
 DH Form 1697, 7/04  
 NON-TRANSFERABLE E84167-58-07/01/2023  
 Supersedes all previously issued certificates



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E84167-58, expiration date June 30, 2024. This listing of accredited analytes should be used only when associated with a valid certificate.**

**State Laboratory ID: E84167**

**EPA Lab Code: FL00289**

**(941) 723-9986**

**E84167**

**Benchmark EnviroAnalytical, Inc.**

**1711 12th Street East**

**Palmetto, FL 34221**

**Matrix: Drinking Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5160	1,1,1-Trichloroethane	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
5165	1,1,2-Trichloroethane	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
4640	1,1-Dichloroethylene	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
5155	1,2,4-Trichlorobenzene	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	10082801	Synthetic Organic Contaminants	4/20/2009
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	10082801	Synthetic Organic Contaminants	4/20/2009
4610	1,2-Dichlorobenzene	EPA 524.2	10088809	Other Regulated Contaminants	12/29/2015
4635	1,2-Dichloroethane	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
4655	1,2-Dichloropropane	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
4620	1,4-Dichlorobenzene	EPA 524.2	10088809	Other Regulated Contaminants	12/29/2015
1505	Alkalinity as CaCO3	SM 2320 B-2011	20045618	Primary Inorganic Contaminants	6/20/2022
1000	Aluminum	EPA 200.7	10013806	Secondary Inorganic Contaminants	5/25/2004
1515	Ammonia as N	EPA 350.1	10063602	Primary Inorganic Contaminants	3/7/2011
1005	Antimony	SM 3113 B-2010	20058859	Primary Inorganic Contaminants	6/20/2022
1010	Arsenic	SM 3113 B-2010	20058859	Primary Inorganic Contaminants	6/20/2022
1015	Barium	EPA 200.7	10013806	Primary Inorganic Contaminants	5/25/2004
4375	Benzene	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
1020	Beryllium	EPA 200.7	10013806	Primary Inorganic Contaminants	5/25/2004
1025	Boron	EPA 200.7	10013806	Secondary Inorganic Contaminants	3/7/2011
1535	Bromate	EPA 300.1	10275602	Primary Inorganic Contaminants	11/21/2008
1540	Bromide	EPA 300.0	10053200	Primary Inorganic Contaminants	5/25/2004
9312	Bromoacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	4/20/2009
4395	Bromodichloromethane	EPA 524.2	10088809	Group II Unregulated Contaminants	9/28/2005
4400	Bromoform	EPA 524.2	10088809	Group II Unregulated Contaminants	9/28/2005
1030	Cadmium	EPA 200.7	10013806	Primary Inorganic Contaminants	5/25/2004
1035	Calcium	EPA 200.7	10013806	Primary Inorganic Contaminants	5/25/2004
4455	Carbon tetrachloride	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
1570	Chlorate	EPA 300.1	10275602	Secondary Inorganic Contaminants	11/21/2008
1575	Chloride	EPA 300.0	10053200	Secondary Inorganic Contaminants	5/25/2004
1595	Chlorite	EPA 300.1	10275602	Primary Inorganic Contaminants	11/21/2008
9336	Chloroacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	4/20/2009
4475	Chlorobenzene	EPA 524.2	10088809	Other Regulated Contaminants	12/29/2015
4505	Chloroform	EPA 524.2	10088809	Group II Unregulated Contaminants	9/28/2005
1040	Chromium	EPA 200.7	10013806	Primary Inorganic Contaminants	5/25/2004
4645	cis-1,2-Dichloroethylene	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
1605	Color	SM 2120 B-2011	20039310	Secondary Inorganic Contaminants	6/20/2022

**Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.**

**Certification Type: NELAP**  
**Issue Date: 7/1/2023**  
**Expiration Date: 6/30/2024**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E84167-58, expiration date June 30, 2024. This listing of accredited analytes should be used only when associated with a valid certificate.**

**State Laboratory ID: E84167                      EPA Lab Code:            FL00289                      (941) 723-9986**

**E84167  
Benchmark EnviroAnalytical, Inc.  
1711 12th Street East  
Palmetto, FL 34221**

**Matrix:    Drinking Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1610	Conductivity	SM 2510 B-2011	20048617	Primary Inorganic Contaminants	6/20/2022
1055	Copper	EPA 200.7	10013806	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	5/25/2004
1620	Corrosivity (langlier index)	SM 2330 B	20003207	Secondary Inorganic Contaminants	3/7/2011
1635	Cyanide	EPA 335.4	10061402	Primary Inorganic Contaminants	1/7/2021
9357	Dibromoacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	4/20/2009
4575	Dibromochloromethane	EPA 524.2	10088809	Group II Unregulated Contaminants	9/28/2005
9360	Dichloroacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	4/20/2009
1710	Dissolved organic carbon (DOC)	SM 5310 B	20137819	Primary Inorganic Contaminants	11/21/2008
2525	Escherichia coli	SM 9223 B	20037676	Microbiology	1/3/2002
2525	Escherichia coli	SM 9223 B (Colilert Quanti-Tray)-2016	20211647	Microbiology	6/20/2022
4765	Ethylbenzene	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
1730	Fluoride	EPA 300.0	10053200	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	5/25/2004
1750	Hardness	SM 2340 B-2011	20046611	Secondary Inorganic Contaminants	6/20/2022
2555	Heterotrophic plate count	SM 9215 B	20179811	Microbiology	5/25/2004
3840	Hydrogen sulfide	SM 4500S= H (21st ed.)	20125057	Primary Inorganic Contaminants	3/7/2011
1070	Iron	EPA 200.7	10013806	Secondary Inorganic Contaminants	5/25/2004
1075	Lead	SM 3113 B-2010	20058859	Primary Inorganic Contaminants	6/20/2022
1085	Magnesium	EPA 200.7	10013806	Primary Inorganic Contaminants	5/25/2004
1090	Manganese	EPA 200.7	10013806	Secondary Inorganic Contaminants	5/25/2004
1095	Mercury	EPA 245.1	10036609	Primary Inorganic Contaminants	1/3/2002
4975	Methylene chloride	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
1100	Molybdenum	EPA 200.7	10013806	Secondary Inorganic Contaminants	3/7/2011
1105	Nickel	EPA 200.7	10013806	Primary Inorganic Contaminants	5/25/2004
1805	Nitrate	EPA 353.2	10067604	Primary Inorganic Contaminants	1/3/2002
1810	Nitrate as N	EPA 300.0	10053200	Primary Inorganic Contaminants	5/25/2004
1840	Nitrite as N	EPA 300.0	10053200	Primary Inorganic Contaminants	5/25/2004
1840	Nitrite as N	EPA 353.2	10067604	Primary Inorganic Contaminants	5/25/2004
1855	Odor	EPA 140.1	10007406	Secondary Inorganic Contaminants	1/3/2002
1870	Orthophosphate as P	EPA 300.0	10053200	Primary Inorganic Contaminants	3/7/2011
1900	pH	SM 4500-H+ B-2011	20105220	Secondary Inorganic Contaminants	6/20/2022
1125	Potassium	EPA 200.7	10013806	Secondary Inorganic Contaminants	5/25/2004
1945	Residual free chlorine	SM 4500-Cl G-2011	20081623	Primary Inorganic Contaminants	6/20/2022
1955	Residue-filterable (TDS)	SM 2540 C-2015	20050435	Secondary Inorganic Contaminants	6/20/2022

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**Palmetto, FL 34221**

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Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1140	Selenium	SM 3113 B-2010	20058859	Primary Inorganic Contaminants	6/20/2022
1990	Silica as SiO2	EPA 200.7	10013806	Primary Inorganic Contaminants	5/25/2004
1150	Silver	EPA 200.7	10013806	Secondary Inorganic Contaminants	5/25/2004
1155	Sodium	EPA 200.7	10013806	Primary Inorganic Contaminants	5/25/2004
5100	Styrene	EPA 524.2	10088809	Other Regulated Contaminants	12/29/2015
2000	Sulfate	EPA 300.0	10053200	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	5/25/2004
2005	Sulfide	SM 4500-S D/UV-VIS	20026204	Secondary Inorganic Contaminants	3/7/2011
2025	Surfactants - MBAS	SM 5540 C-2011	20145066	Secondary Inorganic Contaminants	6/20/2022
5115	Tetrachloroethylene (Perchloroethylene)	EPA 524.2	10088809	Other Regulated Contaminants	12/29/2015
1165	Thallium	EPA 200.9	10015608	Primary Inorganic Contaminants	1/3/2002
5140	Toluene	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
2500	Total coliforms	SM 9223 B	20037676	Microbiology	1/3/2002
2500	Total coliforms	SM 9223 B (Colilert Quanti-Tray)-2016	20211647	Microbiology	6/20/2022
1645	Total cyanide	EPA 335.4	10061402	Primary Inorganic Contaminants	1/7/2021
9414	Total haloacetic acids (HAA5)	EPA 552.2	10095804	Synthetic Organic Contaminants	4/20/2009
1825	Total nitrate-nitrite	EPA 300.0	10053200	Primary Inorganic Contaminants	5/25/2004
1825	Total nitrate-nitrite	EPA 353.2	10067604	Primary Inorganic Contaminants	1/3/2002
2040	Total organic carbon	SM 5310 B-2014	20137831	Primary Inorganic Contaminants	6/20/2022
5205	Total trihalomethanes	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
4700	trans-1,2-Dichloroethylene	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
9642	Trichloroacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	10/14/2010
5170	Trichloroethene (Trichloroethylene)	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
2055	Turbidity	EPA 180.1	10011800	Secondary Inorganic Contaminants	3/7/2011
2060	UV 254	SM 5910 B	20146401	Primary Inorganic Contaminants	11/16/2016
1185	Vanadium	EPA 200.7	10013806	Secondary Inorganic Contaminants	3/7/2011
5235	Vinyl chloride	EPA 524.2	10088809	Other Regulated Contaminants	9/28/2005
5260	Xylene (total)	EPA 524.2	10088809	Other Regulated Contaminants	12/29/2015
1190	Zinc	EPA 200.7	10013806	Secondary Inorganic Contaminants	5/25/2004



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**Matrix: Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5105	1,1,1,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	3/1/2023
5160	1,1,1-Trichloroethane	EPA 624.1	10298121	Volatile Organics	11/28/2017
5160	1,1,1-Trichloroethane	EPA 8260D	10307127	Volatile Organics	3/1/2023
5110	1,1,2,2-Tetrachloroethane	EPA 624.1	10298121	Volatile Organics	11/28/2017
5110	1,1,2,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	3/1/2023
5165	1,1,2-Trichloroethane	EPA 624.1	10298121	Volatile Organics	11/28/2017
5165	1,1,2-Trichloroethane	EPA 8260D	10307127	Volatile Organics	3/1/2023
4630	1,1-Dichloroethane	EPA 624.1	10298121	Volatile Organics	11/28/2017
4630	1,1-Dichloroethane	EPA 8260D	10307127	Volatile Organics	3/1/2023
4640	1,1-Dichloroethylene	EPA 624.1	10298121	Volatile Organics	11/28/2017
4640	1,1-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4670	1,1-Dichloropropene	EPA 8260D	10307127	Volatile Organics	3/1/2023
5150	1,2,3-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
5180	1,2,3-Trichloropropane	EPA 8260D	10307127	Volatile Organics	3/1/2023
5155	1,2,4-Trichlorobenzene	BEI VOC-EPA624-1.0 / GC-MS	60002791	Volatile Organics	8/29/2006
5155	1,2,4-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
5210	1,2,4-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	10082801	Volatile Organics	4/20/2009
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	10307127	Volatile Organics	3/1/2023
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	10082801	Volatile Organics	4/20/2009
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	10307127	Volatile Organics	3/1/2023
4610	1,2-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	11/28/2017
4610	1,2-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4635	1,2-Dichloroethane	EPA 624.1	10298121	Volatile Organics	11/28/2017
4635	1,2-Dichloroethane	EPA 8260D	10307127	Volatile Organics	3/1/2023
4655	1,2-Dichloropropane	EPA 624.1	10298121	Volatile Organics	11/28/2017
4655	1,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	3/1/2023
5215	1,3,5-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4615	1,3-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	11/28/2017
4615	1,3-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4660	1,3-Dichloropropane	EPA 8260D	10307127	Volatile Organics	3/1/2023
4620	1,4-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	11/28/2017
4620	1,4-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4665	2,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	3/1/2023
4410	2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	10307127	Volatile Organics	3/1/2023

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**Issue Date: 7/1/2023**                      **Expiration Date: 6/30/2024**



**Laboratory Scope of Accreditation**

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1711 12th Street East  
Palmetto, FL 34221**

**Matrix:    Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4500	2-Chloroethyl vinyl ether	EPA 624.1	10298121	Volatile Organics	11/28/2017
4500	2-Chloroethyl vinyl ether	EPA 8260D	10307127	Volatile Organics	3/1/2023
4535	2-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4860	2-Hexanone	EPA 8260D	10307127	Volatile Organics	3/1/2023
4540	4-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4995	4-Methyl-2-pentanone (MIBK)	EPA 8260D	10307127	Volatile Organics	3/1/2023
4315	Acetone	EPA 8260D	10307127	Volatile Organics	3/1/2023
4320	Acetonitrile	EPA 8260D	10307127	Volatile Organics	3/1/2023
4325	Acrolein (Propenal)	EPA 624.1	10298121	Volatile Organics	11/28/2017
4325	Acrolein (Propenal)	EPA 8260D	10307127	Volatile Organics	3/1/2023
4340	Acrylonitrile	EPA 624.1	10298121	Volatile Organics	11/28/2017
4340	Acrylonitrile	EPA 8260D	10307127	Volatile Organics	3/1/2023
1505	Alkalinity as CaCO3	SM 2320 B-2011	20045618	General Chemistry	6/20/2022
4355	Allyl chloride (3-Chloropropene)	EPA 8260D	10307127	Volatile Organics	3/1/2023
1000	Aluminum	EPA 200.7	10013806	Metals	5/25/2004
1000	Aluminum	EPA 6010D	10155950	Metals	3/1/2023
1515	Ammonia as N	EPA 350.1	10063602	General Chemistry	3/7/2011
1005	Antimony	EPA 200.7	10013806	Metals	5/25/2004
1005	Antimony	EPA 6010D	10155950	Metals	3/1/2023
1005	Antimony	SM 3113 B	20058837	Metals	7/31/2007
1010	Arsenic	EPA 200.7	10013806	Metals	5/25/2004
1010	Arsenic	EPA 6010D	10155950	Metals	3/1/2023
1010	Arsenic	SM 3113 B	20058837	Metals	7/31/2007
1015	Barium	EPA 200.7	10013806	Metals	5/25/2004
1015	Barium	EPA 6010D	10155950	Metals	3/1/2023
4375	Benzene	EPA 624.1	10298121	Volatile Organics	11/28/2017
4375	Benzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
1020	Beryllium	EPA 200.7	10013806	Metals	5/25/2004
1020	Beryllium	EPA 6010D	10155950	Metals	3/1/2023
1020	Beryllium	SM 3113 B	20058837	Metals	7/31/2007
1530	Biochemical oxygen demand	SM 5210 B-2016	20135039	General Chemistry	6/20/2022
1025	Boron	EPA 200.7	10013806	Metals	5/25/2004
1025	Boron	EPA 6010D	10155950	Metals	3/1/2023
1540	Bromide	EPA 300.0	10053200	General Chemistry	5/25/2004
4385	Bromobenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4390	Bromochloromethane	EPA 8260D	10307127	Volatile Organics	3/1/2023



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**Palmetto, FL 34221**

**Matrix: Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4395	Bromodichloromethane	EPA 624.1	10298121	Volatile Organics	11/28/2017
4395	Bromodichloromethane	EPA 8260D	10307127	Volatile Organics	3/1/2023
4400	Bromoform	EPA 624.1	10298121	Volatile Organics	11/28/2017
4400	Bromoform	EPA 8260D	10307127	Volatile Organics	3/1/2023
1030	Cadmium	EPA 200.7	10013806	Metals	5/25/2004
1030	Cadmium	EPA 6010D	10155950	Metals	3/1/2023
1030	Cadmium	SM 3113 B	20058837	Metals	7/31/2007
1035	Calcium	EPA 200.7	10013806	Metals	5/25/2004
1035	Calcium	EPA 6010D	10155950	Metals	3/1/2023
3755	Carbon dioxide	SM 4500-CO2 D	20100430	General Chemistry	3/7/2011
4450	Carbon disulfide	EPA 8260D	10307127	Volatile Organics	3/1/2023
4455	Carbon tetrachloride	EPA 624.1	10298121	Volatile Organics	11/28/2017
4455	Carbon tetrachloride	EPA 8260D	10307127	Volatile Organics	3/1/2023
1555	Carbonaceous BOD (CBOD)	SM 5210 B-2016	20135039	General Chemistry	6/20/2022
1565	Chemical oxygen demand	EPA 410.4	10077404	General Chemistry	1/3/2002
1575	Chloride	EPA 300.0	10053200	General Chemistry	5/25/2004
4475	Chlorobenzene	EPA 624.1	10298121	Volatile Organics	11/28/2017
4475	Chlorobenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4485	Chloroethane	EPA 624.1	10298121	Volatile Organics	11/28/2017
4485	Chloroethane	EPA 8260D	10307127	Volatile Organics	3/1/2023
4505	Chloroform	EPA 624.1	10298121	Volatile Organics	11/28/2017
4505	Chloroform	EPA 8260D	10307127	Volatile Organics	3/1/2023
9345	Chlorophylls	EPA 445	10081400	General Chemistry	1/3/2002
9345	Chlorophylls	SM 10200 H	20300225	General Chemistry	5/25/2004
4525	Chloroprene	EPA 8260D	10307127	Volatile Organics	3/1/2023
1040	Chromium	EPA 200.7	10013806	Metals	5/25/2004
1040	Chromium	EPA 6010D	10155950	Metals	3/1/2023
1040	Chromium	SM 3113 B	20058837	Metals	7/31/2007
1045	Chromium VI	SM 3500-Cr B (20th/21st/22nd Ed.)/UV-VIS	20066255	General Chemistry	4/20/2009
4645	cis-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4680	cis-1,3-Dichloropropene	EPA 624.1	10298121	Volatile Organics	11/28/2017
4680	cis-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	3/1/2023
1050	Cobalt	EPA 200.7	10013806	Metals	5/25/2004
1050	Cobalt	EPA 6010D	10155950	Metals	3/1/2023
1605	Color	SM 2120 B-2011	20039310	General Chemistry	6/20/2022

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**Certification Type: NELAP**  
**Issue Date: 7/1/2023**  
**Expiration Date: 6/30/2024**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E84167-58, expiration date June 30, 2024. This listing of accredited analytes should be used only when associated with a valid certificate.**

**State Laboratory ID: E84167                      EPA Lab Code:              FL00289                      (941) 723-9986**

**E84167  
Benchmark EnviroAnalytical, Inc.  
1711 12th Street East  
Palmetto, FL 34221**

**Matrix:    Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1610	Conductivity	SM 2510 B-2011	20048617	General Chemistry	6/20/2022
1055	Copper	EPA 200.7	10013806	Metals	5/25/2004
1055	Copper	EPA 6010D	10155950	Metals	3/1/2023
1055	Copper	SM 3113 B	20058837	Metals	7/31/2007
1620	Corrosivity (langlier index)	SM 2330 B	20003207	General Chemistry	3/7/2011
1635	Cyanide	EPA 335.4	10061402	General Chemistry	3/7/2011
4575	Dibromochloromethane	EPA 624.1	10298121	Volatile Organics	11/28/2017
4575	Dibromochloromethane	EPA 8260D	10307127	Volatile Organics	3/1/2023
4595	Dibromomethane	EPA 8260D	10307127	Volatile Organics	3/1/2023
4625	Dichlorodifluoromethane	EPA 8260D	10307127	Volatile Organics	3/1/2023
2520	Enterococci	ENTEROLERT / QUANTI-TRAY	60030208	Microbiology	3/7/2011
2520	Enterococci	EPA 1600	10119854	Microbiology	1/3/2002
2525	Escherichia coli	SM 9223 B-2016 (Colilert 20037701 QT)		Microbiology	6/20/2022
4765	Ethylbenzene	EPA 624.1	10298121	Volatile Organics	11/28/2017
4765	Ethylbenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
2530	Fecal coliforms	COLILERT®-18 (Fecal Coliforms)	60002688	Microbiology	7/1/2016
2530	Fecal coliforms	SM 9221 E-2014	20227263	Microbiology	6/20/2022
2530	Fecal coliforms	SM 9222 D-2015	20210020	Microbiology	6/20/2022
2540	Fecal streptococci	SM 9230 C-2013	20217690	Microbiology	6/20/2022
1730	Fluoride	EPA 300.0	10053200	General Chemistry	5/25/2004
1750	Hardness	SM 2340 B-2011	20046611	General Chemistry	6/20/2022
1750	Hardness	SM 2340 C-2011	20047614	General Chemistry	6/20/2022
1760	Hardness (calc.)	EPA 200.7	10013806	Metals	5/25/2004
2555	Heterotrophic plate count	SM 9215 B	20179811	Microbiology	3/7/2011
4835	Hexachlorobutadiene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4840	Hexachloroethane	EPA 8260D	10307127	Volatile Organics	3/1/2023
3840	Hydrogen sulfide	SM 4500S= H (21st ed.)	20125057	General Chemistry	11/21/2008
4870	Iodomethane (Methyl iodide)	EPA 8260D	10307127	Volatile Organics	3/1/2023
1070	Iron	EPA 200.7	10013806	Metals	5/25/2004
1070	Iron	EPA 6010D	10155950	Metals	3/1/2023
4900	Isopropylbenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
1795	Kjeldahl nitrogen - total	EPA 351.2	10065404	General Chemistry	1/3/2002
1075	Lead	EPA 200.7	10013806	Metals	5/25/2004
1075	Lead	EPA 6010D	10155950	Metals	3/1/2023
1075	Lead	SM 3113 B	20058837	Metals	7/31/2007

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**Laboratory Scope of Accreditation**

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**State Laboratory ID: E84167**

**EPA Lab Code: FL00289**

**(941) 723-9986**

**E84167**

**Benchmark EnviroAnalytical, Inc.**

**1711 12th Street East**

**Palmetto, FL 34221**

**Matrix: Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5240	m+p-Xylenes	EPA 8260D	10307127	Volatile Organics	3/1/2023
1085	Magnesium	EPA 200.7	10013806	Metals	5/25/2004
1085	Magnesium	EPA 6010D	10155950	Metals	3/1/2023
1090	Manganese	EPA 200.7	10013806	Metals	5/25/2004
1090	Manganese	EPA 6010D	10155950	Metals	3/1/2023
1095	Mercury	EPA 245.1	10036609	Metals	1/3/2002
4925	Methacrylonitrile	EPA 8260D	10307127	Volatile Organics	3/1/2023
4950	Methyl bromide (Bromomethane)	EPA 624.1	10298121	Volatile Organics	11/28/2017
4950	Methyl bromide (Bromomethane)	EPA 8260D	10307127	Volatile Organics	3/1/2023
4960	Methyl chloride (Chloromethane)	EPA 624.1	10298121	Volatile Organics	11/28/2017
4960	Methyl chloride (Chloromethane)	EPA 8260D	10307127	Volatile Organics	3/1/2023
5000	Methyl tert-butyl ether (MTBE)	EPA 8260D	10307127	Volatile Organics	3/1/2023
4975	Methylene chloride	EPA 624.1	10298121	Volatile Organics	11/28/2017
4975	Methylene chloride	EPA 8260D	10307127	Volatile Organics	3/1/2023
1100	Molybdenum	EPA 200.7	10013806	Metals	5/25/2004
1100	Molybdenum	EPA 6010D	10155950	Metals	3/1/2023
5005	Naphthalene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4435	n-Butylbenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
1105	Nickel	EPA 200.7	10013806	Metals	5/25/2004
1105	Nickel	EPA 6010D	10155950	Metals	3/1/2023
1105	Nickel	SM 3113 B	20058837	Metals	7/31/2007
1805	Nitrate	Systea Easy (1-Reagent) Nitrate Method/UV-VIS	90019117	General Chemistry	7/1/2016
1810	Nitrate as N	EPA 300.0	10053200	General Chemistry	5/25/2004
1810	Nitrate as N	EPA 353.2	10067604	General Chemistry	1/3/2002
1820	Nitrate-nitrite	EPA 353.2	10067604	General Chemistry	1/3/2002
1835	Nitrite	SM 4500-NO <sub>2</sub> <sup>-</sup> B-2011	20113115	General Chemistry	6/20/2022
1840	Nitrite as N	EPA 300.0	10053200	General Chemistry	5/25/2004
5015	Nitrobenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
5090	n-Propylbenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
1860	Oil & Grease	EPA 1664A	10127807	General Chemistry	1/3/2002
1865	Organic nitrogen	TKN minus AMMONIA	60034437	General Chemistry	11/21/2008
1870	Orthophosphate as P	EPA 300.0	10053200	General Chemistry	5/25/2004
1870	Orthophosphate as P	EPA 365.3	10070801	General Chemistry	1/3/2002
5250	o-Xylene	EPA 8260D	10307127	Volatile Organics	3/1/2023
1900	pH	SM 4500-H+ B-2011	20105220	General Chemistry	6/20/2022
1910	Phosphorus, total	EPA 365.3	10070801	General Chemistry	1/3/2002

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**Laboratory Scope of Accreditation**

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**State Laboratory ID: E84167                      EPA Lab Code:            FL00289                      (941) 723-9986**

**E84167  
Benchmark EnviroAnalytical, Inc.  
1711 12th Street East  
Palmetto, FL 34221**

**Matrix:    Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4910	p-Isopropyltoluene	EPA 8260D	10307127	Volatile Organics	3/1/2023
1125	Potassium	EPA 200.7	10013806	Metals	5/25/2004
1125	Potassium	EPA 6010D	10155950	Metals	3/1/2023
5080	Propionitrile (Ethyl cyanide)	EPA 8260D	10307127	Volatile Organics	3/1/2023
1945	Residual free chlorine	SM 4500-Cl G	20081441	General Chemistry	7/31/2007
1955	Residue-filterable (TDS)	SM 2540 C-2015	20050435	General Chemistry	6/20/2022
1960	Residue-nonfilterable (TSS)	SM 2540 D-2015	20051223	General Chemistry	6/20/2022
1970	Residue-volatile	EPA 160.4	10010409	General Chemistry	11/21/2008
1970	Residue-volatile	SM 2540 E-2015	20051610	General Chemistry	6/20/2022
1975	Salinity	SM 2520 B	20004006	General Chemistry	6/25/2004
4440	sec-Butylbenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
1140	Selenium	EPA 200.7	10013806	Metals	5/25/2004
1140	Selenium	EPA 6010D	10155950	Metals	3/1/2023
1140	Selenium	SM 3113 B	20058837	Metals	7/31/2007
1990	Silica as SiO <sub>2</sub>	EPA 200.7	10013806	Metals	5/25/2004
1990	Silica as SiO <sub>2</sub>	SM 4500-SiO <sub>2</sub> C (20th/21st Ed.)/UV-VIS	20128603	General Chemistry	7/31/2007
1150	Silver	EPA 200.7	10013806	Metals	5/25/2004
1150	Silver	EPA 6010D	10155950	Metals	3/1/2023
1150	Silver	SM 3113 B	20058837	Metals	7/31/2007
1155	Sodium	EPA 200.7	10013806	Metals	5/25/2004
1155	Sodium	EPA 6010D	10155950	Metals	3/1/2023
8043	Specific Oxygen Uptake Rate (SOUR)	SM 2710 B	20005805	General Chemistry	1/3/2002
1160	Strontium	EPA 200.7	10013806	Metals	5/25/2004
5100	Styrene	EPA 8260D	10307127	Volatile Organics	3/1/2023
2000	Sulfate	EPA 300.0	10053200	General Chemistry	5/25/2004
2005	Sulfide	SM 4500-S <sub>2</sub> <sup>-</sup> D-2011	20125864	General Chemistry	6/20/2022
2015	Sulfite-SO <sub>3</sub>	SM 4500-SO <sub>3</sub> B	20026806	General Chemistry	3/7/2011
2025	Surfactants - MBAS	SM 5540 C-2011	20145066	General Chemistry	6/20/2022
4445	tert-Butylbenzene	EPA 8260D	10307127	Volatile Organics	3/1/2023
5115	Tetrachloroethylene (Perchloroethylene)	EPA 624.1	10298121	Volatile Organics	11/28/2017
5115	Tetrachloroethylene (Perchloroethylene)	EPA 8260D	10307127	Volatile Organics	3/1/2023
1165	Thallium	EPA 200.7	10013806	Metals	5/25/2004
1165	Thallium	EPA 200.9	10015608	Metals	11/21/2008
1165	Thallium	EPA 6010D	10155950	Metals	3/1/2023
1175	Tin	EPA 200.7	10013806	Metals	5/25/2004



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**E84167  
Benchmark EnviroAnalytical, Inc.  
1711 12th Street East  
Palmetto, FL 34221**

**Matrix: Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1175	Tin	EPA 6010D	10155950	Metals	3/1/2023
1180	Titanium	EPA 200.7	10013806	Metals	5/25/2004
1180	Titanium	EPA 6010D	10155950	Metals	3/1/2023
5140	Toluene	EPA 624.1	10298121	Volatile Organics	11/28/2017
5140	Toluene	EPA 8260D	10307127	Volatile Organics	3/1/2023
2500	Total coliforms	SM 9221 B-2014	20191289	Microbiology	6/20/2022
2500	Total coliforms	SM 9222 B-2015	20208439	Microbiology	6/20/2022
2500	Total coliforms	SM 9223 B-2016 (Colilert 20037701 QT)		Microbiology	6/20/2022
1645	Total cyanide	EPA 9012B	10243228	General Chemistry	3/1/2023
1825	Total nitrate-nitrite	EPA 300.0	10053200	General Chemistry	5/25/2004
1825	Total nitrate-nitrite	Systea Easy (1-Reagent) Nitrate Method/UV-VIS	90019117	General Chemistry	7/1/2016
1827	Total Nitrogen	EPA 351.2 + EPA 353.2	10238309	General Chemistry	3/7/2011
2040	Total organic carbon	SM 5310 B-2014	20137831	General Chemistry	6/20/2022
2050	Total Petroleum Hydrocarbons (TPH)	EPA 1664A	10127807	General Chemistry	1/3/2002
1725	Total, fixed, and volatile residue	SM 2540 G-2015	20005281	General Chemistry	6/20/2022
4700	trans-1,2-Dichloroethylene	EPA 624.1	10298121	Volatile Organics	11/28/2017
4700	trans-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4685	trans-1,3-Dichloropropene	EPA 624.1	10298121	Volatile Organics	11/28/2017
4685	trans-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	3/1/2023
4605	trans-1,4-Dichloro-2-butene	EPA 8260D	10307127	Volatile Organics	3/1/2023
5170	Trichloroethene (Trichloroethylene)	EPA 624.1	10298121	Volatile Organics	11/28/2017
5170	Trichloroethene (Trichloroethylene)	EPA 8260D	10307127	Volatile Organics	3/1/2023
5175	Trichlorofluoromethane	EPA 624.1	10298121	Volatile Organics	11/28/2017
5175	Trichlorofluoromethane	EPA 8260D	10307127	Volatile Organics	3/1/2023
2055	Turbidity	EPA 180.1	10011800	General Chemistry	1/3/2002
2058	Un-Ionized Ammonia	DEP SOP 10/03/83	90015842	General Chemistry	1/3/2002
1185	Vanadium	EPA 200.7	10013806	Metals	5/25/2004
1185	Vanadium	EPA 6010D	10155950	Metals	3/1/2023
5225	Vinyl acetate	EPA 8260D	10307127	Volatile Organics	3/1/2023
5235	Vinyl chloride	EPA 624.1	10298121	Volatile Organics	11/28/2017
5235	Vinyl chloride	EPA 8260D	10307127	Volatile Organics	3/1/2023
5260	Xylene (total)	EPA 8260D	10307127	Volatile Organics	3/1/2023
1190	Zinc	EPA 200.7	10013806	Metals	5/25/2004
1190	Zinc	EPA 6010D	10155950	Metals	3/1/2023



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**E84167**

**Benchmark EnviroAnalytical, Inc.  
1711 12th Street East  
Palmetto, FL 34221**

**Matrix: Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1000	Aluminum	EPA 6010D	10155950	Metals	3/1/2023
1515	Ammonia as N	EPA 350.1	10063602	General Chemistry	3/7/2011
1005	Antimony	EPA 6010D	10155950	Metals	3/1/2023
1010	Arsenic	EPA 6010D	10155950	Metals	3/1/2023
1015	Barium	EPA 6010D	10155950	Metals	3/1/2023
1020	Beryllium	EPA 6010D	10155950	Metals	3/1/2023
1025	Boron	EPA 6010D	10155950	Metals	3/1/2023
1540	Bromide	EPA 9056A	10199607	General Chemistry	3/1/2023
1030	Cadmium	EPA 6010D	10155950	Metals	3/1/2023
1035	Calcium	EPA 6010D	10155950	Metals	3/1/2023
1575	Chloride	EPA 9056A	10199607	General Chemistry	3/1/2023
1040	Chromium	EPA 6010D	10155950	Metals	3/1/2023
1050	Cobalt	EPA 6010D	10155950	Metals	3/1/2023
1055	Copper	EPA 6010D	10155950	Metals	3/1/2023
2530	Fecal coliforms	SM 9221 E-2014	20227263	Microbiology	6/20/2022
1947	Fixed Residue	SM 2540 G-2015	20005281	General Chemistry	6/20/2022
1730	Fluoride	EPA 9056A	10199607	General Chemistry	3/1/2023
1070	Iron	EPA 6010D	10155950	Metals	3/1/2023
1795	Kjeldahl nitrogen - total	EPA 351.2	10065404	General Chemistry	9/11/2006
1075	Lead	EPA 6010D	10155950	Metals	3/1/2023
1085	Magnesium	EPA 6010D	10155950	Metals	3/1/2023
1090	Manganese	EPA 6010D	10155950	Metals	3/1/2023
1095	Mercury	EPA 7471B	10166457	Metals	3/1/2023
1100	Molybdenum	EPA 6010D	10155950	Metals	3/1/2023
1105	Nickel	EPA 6010D	10155950	Metals	3/1/2023
1805	Nitrate	EPA 9056A	10199607	General Chemistry	3/1/2023
1835	Nitrite	EPA 9056A	10199607	General Chemistry	3/1/2023
1870	Orthophosphate as P	EPA 9056A	10199607	General Chemistry	3/1/2023
1900	pH	EPA 9045D	10198455	General Chemistry	3/1/2023
1910	Phosphorus, total	EPA 365.3	10070801	General Chemistry	9/11/2006
1125	Potassium	EPA 6010D	10155950	Metals	3/1/2023
1950	Residue-total	SM 2540 G-2015	20005281	General Chemistry	6/20/2022
1970	Residue-volatile	SM 2540 G-2015	20005281	General Chemistry	6/20/2022
1140	Selenium	EPA 6010D	10155950	Metals	3/1/2023
1150	Silver	EPA 6010D	10155950	Metals	3/1/2023
1155	Sodium	EPA 6010D	10155950	Metals	3/1/2023

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**Issue Date: 7/1/2023**      **Expiration Date: 6/30/2024**



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**EPA Lab Code: FL00289**

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**E84167**

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1711 12th Street East  
Palmetto, FL 34221**

**Matrix: Solid and Chemical Materials**

<b>Analyte#</b>	<b>Analyte</b>	<b>Method/Tech</b>	<b>Method Code</b>	<b>Category</b>	<b>Effective Date</b>
1160	Strontium	EPA 6010D	10155950	Metals	3/1/2023
2000	Sulfate	EPA 9056A	10199607	General Chemistry	3/1/2023
1460	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	10119003	General Chemistry	3/7/2011
1165	Thallium	EPA 6010D	10155950	Metals	3/1/2023
1175	Tin	EPA 6010D	10155950	Metals	3/1/2023
1645	Total cyanide	EPA 9012B	10243228	General Chemistry	3/1/2023
1825	Total nitrate-nitrite	EPA 353.2	10067604	General Chemistry	9/11/2006
1466	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	General Chemistry	3/7/2011
1185	Vanadium	EPA 6010D	10155950	Metals	3/1/2023
1190	Zinc	EPA 6010D	10155950	Metals	3/1/2023