







E82001

ADVANCED ENVIRONMENTAL LABORATORIES, INC. - GAINESVILLE 4965 SW 41ST BLVD. GAINESVILLE, FL 32608

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

DRINKING WATER - MICROBIOLOGY, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - MICROBIOLOGY, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, 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, 2022 Expiration Date: June 30, 2023

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Susanne Crowe, MHA
Interim Chief Bureau of Public Health Laboratories
DH Form 1697, 7/04

NON-TRANSFERABLE E82001-74-07/01/2022 Supersedes all previously issued certificates





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Expiration Date: 6/30/2023

Attachment to Certificate #: E82001-74, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E82001 EPA Lab Code: FL01280 (352) 377-2349

E82001

Advanced Environmental Laboratories, Inc. - Gainesville 4965 SW 41st Blvd.

Gainesville, FL 32608

| Method/Tech Category Type Effective Date Ehoride EPA 300.0 Secondary Inorganic Contaminants NELAP 4/1/2009 Color SM 2120 B Secondary Inorganic Contaminants NELAP 4/1/2009 Secherichia coli SM 9223 B Microbiology NELAP 1/1/5/2014 Secherichia coli SM 9223 B Microbiology NELAP 9/15/2020 Iduride EPA 300.0 Primary Inorganic Contaminants NELAP 1/2/4/2015 Ideterotrophic plate count SIMPLATE Microbiology NELAP 9/15/2020 Sitrate SM 4500-NO3 F Primary Inorganic Contaminants NELAP 11/9/2018 Sitrate as N EPA 300.0 Primary Inorganic Contaminants NELAP 11/9/2018 Sitrate as N EPA 300.0 Primary Inorganic Contaminants NELAP 11/9/2018 Sitrate as N EPA 300.0 Primary Inorganic Contaminants NELAP 11/9/2018 Sitrate SM 4500-NO3 F Primary Inorganic Contaminants NELAP 11/9/2018 Sitrate SM EPA 300.0 Primary Inorganic Contaminants NELAP 11/9/2018 Sitrate SM EPA 300.0 Primary Inorganic Contaminants NELAP 11/9/2018 Sitrate SM EPA 300.0 Primary Inorganic Contaminants NELAP 11/9/2018 Sitrate SM EPA 300.0 Primary Inorganic Contaminants NELAP 11/9/2018 Sitrate SM EPA 300.0 Primary Inorganic Contaminants NELAP 2/1/2007 SM 2150 B Secondary Inorganic Contaminants NELAP 4/1/2009 Drittophosphate as P EPA 300.0 Primary Inorganic Contaminants NELAP 2/1/2007 SM 250 EPA 150.1 Primary Inorganic Contaminants NELAP 2/1/2007 SM 4500-H+B Secondary Inorganic Contaminants NELAP 4/1/2009 Secondary Inor | Matrix: Drinking Water | | | Certification | |
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| SM 4500-H+-B Secondary Inorganic Contaminants NELAP 4/1/2009 Residue-filterable (TDS) EPA 160.1 Secondary Inorganic Contaminants NELAP 4/1/2009 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 4/1/2009 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 4/1/2009 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 2/1/2007 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 4/1/2009 Residue-filterable (TDS) NELAP 4/1/2009 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 4/1/2009 Residue-filterable (TDS) NELAP 4/1/2009 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 4/1/2009 Residue-filterable (TDS) NELAP 4/1/2009 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) NELAP 1/15/2014 Residue-filterable (TDS) Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) Residue-filterable (TDS) Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/1/2009 Residue-filterable (TDS) Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/1/2009 Residue-filterable (TDS) | Orthophosphate as P | EPA 300.0 | Primary Inorganic Contaminants | NELAP | 2/1/2007 |
| Residue-filterable (TDS) EPA 160.1 Secondary Inorganic Contaminants NELAP 4/1/2009 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 4/1/2009 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 2/1/2007 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 4/1/2009 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 4/1/2009 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 4/1/2009 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 1/15/2014 Resid | H | EPA 150.1 | Primary Inorganic Contaminants | NELAP | 2/1/2007 |
| Residue-filterable (TDS) SM 2540 C Secondary Inorganic Contaminants NELAP 4/1/2009 Sulfate EPA 300.0 Primary Inorganic Contaminants NELAP 2/1/2007 Surfactants - MBAS SM 5540 C Secondary Inorganic Contaminants NELAP 4/1/2009 Social coliforms SM 9223 B Microbiology NELAP NELAP 1/15/2014 SM 9223 B Microbiology NELAP NELAP 9/15/2020 Social cyanide SM 4500-CN E Primary Inorganic Contaminants NELAP 11/9/2018 Social nitrate-nitrite EPA 300.0 Primary Inorganic Contaminants NELAP 8/29/2012 | H | SM 4500-H+-B | Secondary Inorganic Contaminants | NELAP | 4/1/2009 |
| Fulfate EPA 300.0 Primary Inorganic Contaminants NELAP 2/1/2007 Furfactants - MBAS SM 5540 C Secondary Inorganic Contaminants NELAP 4/1/2009 Fotal coliforms SM 9223 B Microbiology NELAP 1/15/2014 Fotal coliforms SM 9223 B Microbiology NELAP 9/15/2020 Fotal cyanide SM 4500-CN E Primary Inorganic Contaminants NELAP 11/9/2018 Fotal nitrate-nitrite EPA 300.0 Primary Inorganic Contaminants NELAP 8/29/2012 | Residue-filterable (TDS) | EPA 160.1 | Secondary Inorganic Contaminants | NELAP | 4/1/2009 |
| Surfactants - MBAS SM 5540 C Secondary Inorganic Contaminants NELAP 4/1/2009 Otal coliforms SM 9223 B Microbiology NELAP NELAP 9/15/2020 Otal coliforms SM 9223 B Microbiology NELAP NELAP 9/15/2020 Otal cyanide SM 4500-CN E Primary Inorganic Contaminants NELAP 11/9/2018 Otal nitrate-nitrite EPA 300.0 Primary Inorganic Contaminants NELAP 8/29/2012 | Residue-filterable (TDS) | SM 2540 C | Secondary Inorganic Contaminants | NELAP | 4/1/2009 |
| Cotal coliformsSM 9223 BMicrobiologyNELAP1/15/2014Cotal coliformsSM 9223 B /QUANTI-TRAYMicrobiologyNELAP9/15/2020Cotal cyanideSM 4500-CN EPrimary Inorganic ContaminantsNELAP11/9/2018Cotal nitrate-nitriteEPA 300.0Primary Inorganic ContaminantsNELAP8/29/2012 | Sulfate | EPA 300.0 | Primary Inorganic Contaminants | NELAP | 2/1/2007 |
| Total coliforms SM 9223 B /QUANTI-TRAY Total cyanide SM 4500-CN E Primary Inorganic Contaminants Primary Inorganic Contaminants NELAP NELAP 11/9/2018 Total nitrate-nitrite EPA 300.0 Primary Inorganic Contaminants NELAP 8/29/2012 | Surfactants - MBAS | SM 5540 C | Secondary Inorganic Contaminants | NELAP | 4/1/2009 |
| /QUANTI-TRAY Fotal cyanide SM 4500-CN E Primary Inorganic Contaminants NELAP 11/9/2018 Fotal nitrate-nitrite EPA 300.0 Primary Inorganic Contaminants NELAP 8/29/2012 | Cotal coliforms | SM 9223 B | Microbiology | NELAP | 1/15/2014 |
| Cotal nitrate-nitrite EPA 300.0 Primary Inorganic Contaminants NELAP 8/29/2012 | Cotal coliforms | | Microbiology | NELAP | 9/15/2020 |
| · , · · · · · · · · · · · · · · · · · · | Total cyanide | SM 4500-CN E | Primary Inorganic Contaminants | NELAP | 11/9/2018 |
| Otal organic carbon SM 5310 B Primary Inorganic Contaminants NELAP 11/9/2018 | Total nitrate-nitrite | EPA 300.0 | Primary Inorganic Contaminants | NELAP | 8/29/2012 |
| | otal organic carbon | SM 5310 B | Primary Inorganic Contaminants | NELAP | 11/9/2018 |





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Expiration Date: 6/30/2023

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Attachment to Certificate #: E82001-74, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E82001 EPA Lab Code: FL01280 (352) 377-2349

E82001 Advanced Environmental Laboratories, Inc. - Gainesville

4965 SW 41st Blvd. Gainesville, FL 32608

| Matrix: Non-Potable Water | | | Certification | |
|---------------------------|--|-------------------|---------------|----------------|
| Analyte | Method/Tech | Category | Type | Effective Date |
| Alkalinity as CaCO3 | EPA 310.1 | General Chemistry | NELAP | 12/21/2001 |
| Alkalinity as CaCO3 | SM 2320 B | General Chemistry | NELAP | 11/24/2008 |
| Ammonia as N | EPA 350.1 | General Chemistry | NELAP | 12/21/2001 |
| Biochemical oxygen demand | SM 5210 B | General Chemistry | NELAP | 12/21/2001 |
| Carbonaceous BOD (CBOD) | SM 5210 B | General Chemistry | NELAP | 12/21/2001 |
| Chemical oxygen demand | EPA 410.4 | General Chemistry | NELAP | 12/21/2001 |
| Chloride | EPA 300.0 | General Chemistry | NELAP | 2/1/2007 |
| Chlorophylls | SM 10200 H | General Chemistry | NELAP | 12/21/2001 |
| Chromium VI | SM 3500-Cr B (20th/21st/22nd Ed.)/UV-VIS | General Chemistry | NELAP | 2/1/2007 |
| Color | SM 2120 B | General Chemistry | NELAP | 3/27/2013 |
| Color | SM 2120 C | General Chemistry | NELAP | 3/27/2013 |
| Conductivity | EPA 120.1 | General Chemistry | NELAP | 3/18/2008 |
| Cyanide | SM 4500-CN E | General Chemistry | NELAP | 11/24/2008 |
| Escherichia coli | SM 9223 B /QUANTI-TRAY | Microbiology | NELAP | 9/15/2020 |
| Fecal coliforms | COLILERT®-18 (Fecal Coliforms) | Microbiology | NELAP | 9/15/2020 |
| Pecal coliforms | SM 9221 E | Microbiology | NELAP | 8/14/2014 |
| Fluoride | EPA 300.0 | General Chemistry | NELAP | 2/1/2007 |
| Heterotrophic plate count | SIMPLATE | Microbiology | NELAP | 9/15/2020 |
| Kjeldahl nitrogen - total | EPA 351.2 | General Chemistry | NELAP | 12/21/2001 |
| Vitrate | SM 4500-NO3 F | General Chemistry | NELAP | 11/9/2018 |
| Nitrate as N | EPA 300.0 | General Chemistry | NELAP | 2/1/2007 |
| Nitrate-nitrite | EPA 353.2 | General Chemistry | NELAP | 12/21/2001 |
| Nitrate-nitrite | SM 4500-NO3 F | General Chemistry | NELAP | 11/24/2008 |
| Vitrite | SM 4500-NO3 F | General Chemistry | NELAP | 11/9/2018 |
| Nitrite as N | EPA 300.0 | General Chemistry | NELAP | 2/1/2007 |
| Organic nitrogen | TKN minus AMMONIA | General Chemistry | NELAP | 12/21/2001 |
| Orthophosphate as P | EPA 300.0 | General Chemistry | NELAP | 2/1/2007 |
| Orthophosphate as P | SM 4500-P E | General Chemistry | NELAP | 1/26/2022 |
| Н | EPA 150.1 | General Chemistry | NELAP | 12/21/2001 |
| Н | EPA 9040 | General Chemistry | NELAP | 7/1/2003 |
| Н | SM 4500-H+-B | General Chemistry | NELAP | 11/24/2008 |
| Phosphorus, total | EPA 365.3 | General Chemistry | NELAP | 7/12/2019 |
| Phosphorus, total | EPA 365.4 | General Chemistry | NELAP | 8/14/2014 |
| Residue-filterable (TDS) | EPA 160.1 | General Chemistry | NELAP | 12/21/2001 |





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Expiration Date: 6/30/2023

Attachment to Certificate #: E82001-74, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E82001 EPA Lab Code: FL01280 (352) 377-2349

E82001 Advanced Environmental Laboratories, Inc. - Gainesville 4965 SW 41st Blvd. Gainesville, FL 32608

| Matrix: Non-Potable Water | | | Certification | |
|-----------------------------|-----------------------------|-------------------|---------------|----------------|
| Analyte | Method/Tech | Category | Type | Effective Date |
| Residue-filterable (TDS) | SM 2540 C | General Chemistry | NELAP | 11/24/2008 |
| Residue-nonfilterable (TSS) | EPA 160.2 | General Chemistry | NELAP | 12/21/2001 |
| Residue-nonfilterable (TSS) | SM 2540 D | General Chemistry | NELAP | 12/21/2001 |
| Residue-total | EPA 160.3 | General Chemistry | NELAP | 12/21/2001 |
| Residue-total | SM 2540 B | General Chemistry | NELAP | 12/21/2001 |
| Residue-volatile | EPA 160.4 | General Chemistry | NELAP | 12/21/2001 |
| Residue-volatile | SM 2540 E | General Chemistry | NELAP | 12/21/2001 |
| Salinity | SM 2520 B | General Chemistry | NELAP | 8/14/2014 |
| Sulfate | EPA 300.0 | General Chemistry | NELAP | 3/31/2009 |
| Surfactants - MBAS | EPA 425.1 | General Chemistry | NELAP | 3/31/2009 |
| Surfactants - MBAS | SM 5540 C | General Chemistry | NELAP | 3/31/2009 |
| Total coliforms | SM 9223 B /QUANTI-TRAY | Microbiology | NELAP | 9/15/2020 |
| Total cyanide | EPA 9010/9014 | General Chemistry | NELAP | 7/1/2003 |
| Γotal nitrate-nitrite | EPA 300.0 | General Chemistry | NELAP | 2/1/2007 |
| Total nitrate-nitrite | SM 4500-NO3 F | General Chemistry | NELAP | 11/9/2018 |
| Total Nitrogen | TKN + Total Nitrate-Nitrite | General Chemistry | NELAP | 3/31/2009 |
| Total organic carbon | EPA 415.1 | General Chemistry | NELAP | 12/21/2001 |
| Total organic carbon | SM 5310 B | General Chemistry | NELAP | 11/24/2008 |
| Γurbidity | EPA 180.1 | General Chemistry | NELAP | 12/21/2001 |
| Un-Ionized Ammonia | DEP SOP 10/03/83 | General Chemistry | NELAP | 12/21/2001 |







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Expiration Date: 6/30/2023

Attachment to Certificate #: E82001-74, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E82001 EPA Lab Code: FL01280 (352) 377-2349

E82001

Advanced Environmental Laboratories, Inc. - Gainesville 4965 SW 41st Blvd.

Gainesville, FL 32608

| Guines (inc.) 12 c2000 | | | | |
|------------------------|---------------|-------------------|-------|----------------|
| Matrix: Solid and Chem | Certification | | | |
| Analyte | Method/Tech | Category | Туре | Effective Date |
| Fecal coliforms | SM 9221 E | Microbiology | NELAP | 1/1/2015 |
| pH | EPA 9040 | General Chemistry | NELAP | 1/13/2014 |
| pH | EPA 9045 | General Chemistry | NELAP | 1/13/2014 |
| Residue-total | EPA 160.3 | General Chemistry | NELAP | 3/31/2009 |
| Residue-total | SM 2540 G | General Chemistry | NELAP | 3/31/2009 |
| Total cyanide | EPA 9010/9014 | General Chemistry | NELAP | 2/25/2010 |
| Total cyanide | EPA 9010/9014 | General Chemistry | NELAP | 2/25/20 |