



SC DEPARTMENT *of*  
**ENVIRONMENTAL  
SERVICES**

# Environmental Laboratory Certification Program

*In accordance with the provisions of Regulation 61-81, entitled "State Environmental Laboratory Certification Regulations"*

**ALLIANCE TECHNICAL GROUP LLC - COLUMBIA  
215B STONERIDGE DR  
COLUMBIA, SOUTH CAROLINA 29210-8009**

*is hereby certified to perform analyses as documented on the attached parameter list(s). This certification does not guarantee validity of the data generated, but indicates the laboratory's adherence to prescribed methodology, quality control, records keeping, and reporting procedures. This certificate is the property of S.C. DES and must be surrendered upon demand. This certificate is non-transferable and is valid only for the parameters and methodology listed on the attached parameter list(s).*

Laboratory Director: REBECCA MUSICK  
Certifying Authority: SC  
Date of Issue: September 15, 2025  
Date of Expiration: May 03, 2026  
Certificate Number: 40572001

Program Manager  
Office of Environmental Laboratory Certification

**SOUTH CAROLINA DEPARTMENT OF ENVIRONMENTAL SERVICES  
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM**

**ALLIANCE TECHNICAL GROUP LLC - COLUMBIA (Laboratory ID 40572)**  
**Laboratory Director: REBECCA MUSICK**  
**Certifying Authority: SC**  
**Certificate Number: 40572001**

**Date of Issue: September 15, 2025**  
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**CLEAN WATER ACT**

**INORGANIC - DEMAND**

BIOCHEMICAL OXYGEN DEMAND(BOD)  
CARBONACEOUS BOD  
DISSOLVED OXYGEN

SM 5210 B-2016  
SM 5210 B-2016  
SM 4500-O G-2021

5 DAY DO DEPLETION  
5 DAY DO DEPLETION  
ELECTRODE

**INORGANIC - MINERAL**

ALKALINITY  
HYDROGEN-ION CONC. (PH)

SM 2320 B-2021  
SM 4500-H B-2021

TITRIMETRIC  
ELECTROMETRIC MEASUREMENT

**INORGANIC - MISCELLANEOUS**

RESIDUAL CHLORINE  
TEMPERATURE

SM 4500-CL G-2021  
SM 2550 B-2021

DPD COLORIMETRIC METHOD  
THERMOMETRIC

**INORGANIC - NUTRIENT**

NITRITE-NITROGEN

SM 4500-NO2 B-2021

SPECTROPHOTOMETRIC (MANUAL)

**INORGANIC - RESIDUE**

RESIDUE, NONFILTERABLE (TSS)

SM 2540 D-2020

GRAVIMETRIC 103-105

**INORGANIC - TRACE METAL**

CHROMIUM, HEXAVALENT  
SAMPLING FOR LOW-LEVEL METALS

SM 3500-CR B-2020  
EPA 1669 (1996)

COLORIMETRIC (DIPHYENYL CARBAZIDE)  
SAMPLING FOR LOW-LEVEL METALS

**MICROBIOLOGY**

E.COLI (MPN)  
FECAL COLIFORM (MPN)

SM 9223 B-2016  
COLILERT-18 (2010)

COLILERT/COLILERT-18  
MULTIPLE WELL

**SAFE DRINKING WATER ACT**

**INORGANIC - MINERAL**

ALKALINITY  
CALCIUM - HARDNESS (CaCO<sub>3</sub>)  
HYDROGEN-ION CONC. (PH)

SM 2320 B-2021  
SM 3500-CA B-2020  
SM 4500-H B-2021

TITRIMETRIC  
TITRIMETRIC (EDTA)  
ELECTROMETRIC MEASUREMENT

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**SAFE DRINKING WATER ACT**

**INORGANIC - MISCELLANEOUS**

RESIDUAL CHLORINE  
TEMPERATURE

SM 4500-CL G-2021  
SM 2550 B-2021

DPD COLORIMETRIC METHOD  
THERMOMETRIC

**INORGANIC - NUTRIENT**

NITRITE-NITROGEN

SM 4500-NO2 B-2021

SPECTROPHOTOMETRIC (MANUAL)

**MICROBIOLOGY**

HETEROTROPHIC BACTERIA  
TOTAL COLIFORM/E.COLI  
TOTAL COLIFORM/E.COLI(MPN)

SIMPLATE (2000)  
SM 9223 B-2016  
SM 9223 B-2016

IDEXX SIMPLATE MULTIPLE WELL TEST METHOD  
COLILERT/COLILERT-18  
COLILERT/COLILERT-18

**SOLID & HAZARDOUS WASTES**

**INORGANIC - MINERAL**

HYDROGEN-ION CONC. (PH)

EPA 9040C (2004)

ELECTROMETRIC