



Catherine E. Heigel, Director

Promoting and protecting the health of the public and the environment

May 24, 2016

BRYANT BOYD
ACCESS ANALYTICAL INC LEXINGTON
200 RICH LEX DR
LEXINGTON, SOUTH CAROLINA 29072-9274

Laboratory ID # 32571
Certificate # 32571001

Dear Bryant Boyd:

Your certificate and associated parameter/method list(s) are enclosed. These documents now represent the certificate of record for your laboratory. Any certificate(s) and associated parameter list(s) received prior to your receipt of these documents are now null and void and should be destroyed. Please be reminded that all environmental data submitted to the Department is reviewed to ensure that the reporting laboratory possesses the necessary certification. Data reported by laboratories without the proper certification will be addressed by the affected enforcement programs.

If you have any questions or problems are detected concerning your certificate, please contact our office within ten (10) working days at (803)896-0970 or by e-mail at labcerthelp@dhec.sc.gov.

Sincerely,

Carol F. Smith, Director
Office of Environmental Laboratory Certification
Bureau of Environmental Health Services

Enclosures

Register on our website at www.scdhec.gov/labcert to receive e-mail updates for the Laboratory Certification Program. Subscribing is easy and you'll automatically receive new posts to our website.



South Carolina Department of Health
and Environmental Control

Environmental Laboratory Certification Program

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

**ACCESS ANALYTICAL INC LEXINGTON
200 RICH LEX DR
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is hereby certified to perform analyses as documented on the attached parameter list(s). This certification does not guarantee validity of 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. DHEC 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: BRYANT BOYD
Certifying Authority: SC
Date of Issue: May 24, 2016
Date of Expiration: May 17, 2019
Certificate Number: 32571001**

A handwritten signature in black ink, appearing to read 'Carol Y. Smith', is written over a horizontal line.

Director

Office of Environmental Laboratory Certification

**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM**

ACCESS ANALYTICAL INC LEXINGTON (Laboratory ID 32571)
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CLEAN WATER ACT

INORGANIC - DEMAND

BIOCHEMICAL OXYGEN DEMAND(BOD)	SM 5210 B-2011	5 DAY DO DEPLETION
CARBONACEOUS BOD	SM 5210 B-2011	5 DAY DO DEPLETION
CHEMICAL OXYGEN DEMAND (COD)	HACH 8000 (1979)	SPECTROPHOTOMETRIC (MANUAL OR AUTOMATED)
DISSOLVED OXYGEN	SM 4500-O G-2011	ELECTRODE

INORGANIC - MINERAL

ALKALINITY	SM 2320 B-2011	TITRIMETRIC
CHLORIDE	SM 4500-CL- B-2011	TITRIMETRIC (SILVER NITRATE)
HARDNESS, TOTAL (AS CaCO3)	SM 2340 C-2011	TITRIMETRIC (EDTA)
HYDROGEN-ION CONC. (PH)	SM 4500-H B-2011	ELECTROMETRIC MEASUREMENT
SPECIFIC CONDUCTANCE	SM 2510 B-2011	CONDUCTANCE AT 25 DEGREES C

INORGANIC - MISCELLANEOUS

COLOR	NCASI-TB253	SPECTROPHOTOMETRIC
RESIDUAL CHLORINE	SM 4500-CL G-2011	DPD COLORIMETRIC METHOD
TEMPERATURE	SM 2550 B-2010	THERMOMETRIC
TURBIDITY	SM 2130 B-2011	NEPHELOMETRIC

INORGANIC - NUTRIENT

AMMONIA-NITROGEN	SM 4500-NH3 B-2011	DISTILLATION
AMMONIA-NITROGEN	SM 4500-NH3 D-2011	ELECTRODE
ORTHOPHOSPHATE	SM 4500-P E-2011	ASCORBIC ACID (MANUAL SINGLE REAGENT)
PHOSPHORUS	SM 4500-P B(5)-2011	DIGESTION
PHOSPHORUS	SM 4500-P E-2011	ASCORBIC ACID (MANUAL SINGLE REAGENT)

INORGANIC - RESIDUE

RESIDUE, FILTERABLE (TDS)	SM 2540 C-2011	GRAVIMETRIC (180)
RESIDUE, NONFILTERABLE (TSS)	SM 2540 D-2011	GRAVIMETRIC 103-105

INORGANIC - TRACE METAL

CHROMIUM, HEXAVALENT	SM 3500-CR B-2011	COLORIMETRIC (DIPHYENYL CARBAZIDE)
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MICROBIOLOGY

E.COLI (MPN)	SM 9223 B-2004	COLILERT/COLILERT-18
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CLEAN WATER ACT

MICROBIOLOGY

FECAL COLIFORM (MF)
 FECAL COLIFORM (MPN)

SM 9222 D-1997
 COLILERT-18 ATP

MEMBRANE FILTRATION
 MULTIPLE WELL

SAFE DRINKING WATER ACT

DISINFECTION BY-PRODUCTS

UV254

SM 5910B-00

UV-ABSORBING ORGANIC CONSTITUENTS

INORGANIC - DEMAND

TOTAL AND DISSOLVED ORGANIC CARBON

SM 5310B-00

HIGH TEMPERATURE COMBUSTION (TOC)

INORGANIC - MINERAL

ALKALINITY
 CALCIUM - HARDNESS (CACO3)
 CHLORIDE
 FLUORIDE
 HYDROGEN-ION CONC. (PH)
 SPECIFIC CONDUCTANCE

SM 2320B (18TH)
 SM 3500CAD (18TH)
 SM 4500CL-B (18TH)
 SM 4500F-C (18TH)
 SM 4500HB (18TH)
 SM 2510B (18TH)

TITRIMETRIC
 TITRIMETRIC (EDTA)
 TITRIMETRIC (SILVER NITRATE)
 ION SELECTIVE ELECTRODE
 ELECTROMETRIC MEASUREMENT
 CONDUCTANCE AT 25 DEGREES C

INORGANIC - MISCELLANEOUS

RESIDUAL CHLORINE
 TEMPERATURE
 TURBIDITY

SM 4500CLG (18TH)
 SM 2550B (18TH)
 SM 2130B (18TH)

DPD COLORIMETRIC METHOD
 THERMOMETRIC
 NEPHELOMETRIC

INORGANIC - NUTRIENT

ORTHOPHOSPHATE
 PHOSPHORUS

SM 4500PE (18TH)
 SM 4500PE (18TH)

ASCORBIC ACID (MANUAL SINGLE REAGENT)
 ASCORBIC ACID (MANUAL SINGLE REAGENT)

INORGANIC - RESIDUE

RESIDUE, FILTERABLE (TDS)

SM 2540C (18TH)

GRAVIMETRIC (180)

MICROBIOLOGY

HETEROTROPHIC BACTERIA

SM 9215 B-2004

POUR PLATE METHOD

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SAFE DRINKING WATER ACT

MICROBIOLOGY

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

SM 9223 B-2004
SM 9223 B-2004

COLILERT/COLILERT-18
COLILERT/COLILERT-18