



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

January 14, 2015

AUDREY J STOVER
ACZ LABORATORIES INC
2773 DOWNHILL DR
STEAMBOAT SPRINGS, COLORADO 80487-5051

Laboratory ID # 72011
Certificate # 72011001

Dear Audrey J Stover:

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.

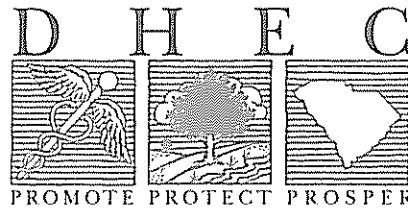
If you have any questions or problems are detected concerning your certificate, please contact our office within ten (10) working days at (803)896-0970 or by e-mail at labcerthelp@dhec.sc.gov.

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"

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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: AUDREY J STOVER
Certifying Authority: UT
Date of Issue: January 14, 2015
Date of Expiration: April 30, 2015
Certificate Number: 72011001

Director

Office of Environmental Laboratory Certification

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

ACZ LABORATORIES INC (Laboratory ID 72011)
Laboratory Director: AUDREY J STOVER
Certifying Authority: UT
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CLEAN WATER ACT

INORGANIC - DEMAND

BIOCHEMICAL OXYGEN DEMAND(BOD)
TOTAL ORGANIC CARBON (TOC)

SM 5210 B-2011
SM 5310 B-2011

5 DAY DO DEPLETION
HIGH TEMPERATURE COMBUSTION (TOC)

INORGANIC - MINERAL

ACIDITY
ALKALINITY
CHLORIDE
FLUORIDE
HARDNESS, TOTAL (AS CaCO3)
HYDROGEN-ION CONC. (PH)
SPECIFIC CONDUCTANCE
SULFATE

SM 2310 B-2011
SM 2320 B-2011
EPA 300.0 (1993)
EPA 300.0 (1993)
SM 2340 B-2011
SM 4500-H B-2011
SM 2510 B-2011
EPA 300.0 (1993)

ELECTROMETRIC OR PHENOLPHTHALEIN ENDPOINT
TITRIMETRIC
ION CHROMATOGRAPHY
ION CHROMATOGRAPHY
CALCULATIONS
ELECTROMETRIC MEASUREMENT
CONDUCTANCE AT 25 DEGREES C
ION CHROMATOGRAPHY

INORGANIC - MISCELLANEOUS

BROMIDE
CYANIDE
CYANIDE AMEN. TO CHLORINATION
OIL & GREASE
TURBIDITY

EPA 300.0 (1993)
EPA 335.4 (1993)
ASTM D6888-09
EPA 1664B (2010)
EPA 180.1 (1993)

ION CHROMATOGRAPHY
SEMI-AUTOMATED COLORIMETRY
FLOW IN/LIGAND EX GAS DIFF AMPEROMETRY
OIL & GREASE - HEM/SGT-HEM
NEPHELOMETRIC

INORGANIC - NUTRIENT

AMMONIA-NITROGEN
KJELDAHL-NITROGEN
NITRATE-NITRITE (NO2&NO3)
NITRITE-NITROGEN
ORTHOPHOSPHATE
PHOSPHORUS

EPA 350.1 (1993)
EPA 351.2 (1993)
EPA 353.2 (1993)
EPA 353.2 (1993)
EPA 365.1 (1993)
EPA 365.1 (1993)

MANUAL DISTILLATION WITH AUTOMATED PHENATE
SEMI-AUTOMATED BLOCK DIGESTER COLORIMETRIC
CADMIUM REDUCTION (AUTOMATED)
CADMIUM REDUCTION (AUTOMATED)
ASCORBIC ACID (AUTOMATED)
ASCORBIC ACID (AUTOMATED)

INORGANIC - RESIDUE

RESIDUE, FILTERABLE (TDS)
RESIDUE, NONFILTERABLE (TSS)

SM 2540 C-2011
SM 2540 D-2011

GRAVIMETRIC (180)
GRAVIMETRIC 103-105

INORGANIC - TRACE METAL

ALUMINUM
ALUMINUM

EPA 200.7 (1994)
EPA 200.8 (1994)

ICP/AES
ICP/MS

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CLEAN WATER ACT

INORGANIC - TRACE METAL

ANTIMONY	EPA 200.7 (1994)	ICP/AES
ANTIMONY	EPA 200.8 (1994)	ICP/MS
ARSENIC	EPA 200.7 (1994)	ICP/AES
ARSENIC	EPA 200.8 (1994)	ICP/MS
BARIUM	EPA 200.7 (1994)	ICP/AES
BARIUM	EPA 200.8 (1994)	ICP/MS
BERYLLIUM	EPA 200.7 (1994)	ICP/AES
BERYLLIUM	EPA 200.8 (1994)	ICP/MS
BORON	EPA 200.7 (1994)	ICP/AES
CADMIUM	EPA 200.7 (1994)	ICP/AES
CADMIUM	EPA 200.8 (1994)	ICP/MS
CALCIUM	EPA 200.7 (1994)	ICP/AES
CHROMIUM	EPA 200.7 (1994)	ICP/AES
CHROMIUM	EPA 200.8 (1994)	ICP/MS
CHROMIUM, HEXAVALENT	SM 3500-CR B-2011	COLORIMETRIC (DIPHENYLCARBAZIDE)
COBALT	EPA 200.7 (1994)	ICP/AES
COBALT	EPA 200.8 (1994)	ICP/MS
COPPER	EPA 200.7 (1994)	ICP/AES
COPPER	EPA 200.8 (1994)	ICP/MS
IRON	EPA 200.7 (1994)	ICP/AES
LEAD	EPA 200.7 (1994)	ICP/AES
LEAD	EPA 200.8 (1994)	ICP/MS
MAGNESIUM	EPA 200.7 (1994)	ICP/AES
MANGANESE	EPA 200.7 (1994)	ICP/AES
MANGANESE	EPA 200.8 (1994)	ICP/MS
MERCURY	EPA 1631E (2002)	ICP/MS
MERCURY	EPA 245.1 (1994)	PURGE AND TRAP CVAFS
MOLYBDENUM	EPA 200.8 (1994)	COLD VAPOR (MANUAL)
NICKEL	EPA 200.7 (1994)	ICP/MS
NICKEL	EPA 200.8 (1994)	ICP/AES
POTASSIUM	EPA 200.7 (1994)	ICP/MS
SELENIUM	EPA 200.7 (1994)	ICP/AES
SELENIUM	EPA 200.8 (1994)	ICP/MS
SILVER	EPA 200.7 (1994)	ICP/AES
SILVER	EPA 200.8 (1994)	ICP/MS
THALLIUM	EPA 200.8 (1994)	ICP/MS
VANADIUM	EPA 200.7 (1994)	ICP/AES
VANADIUM	EPA 200.8 (1994)	ICP/MS
ZINC	EPA 200.7 (1994)	ICP/AES
ZINC	EPA 200.8 (1994)	ICP/MS

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SAFE DRINKING WATER ACT

INORGANIC - DEMAND

TOTAL ORGANIC CARBON (TOC)

SM 5310 B-2011

HIGH TEMPERATURE COMBUSTION (TOC)

INORGANIC - MINERAL

ALKALINITY
 CHLORIDE
 FLUORIDE
 HYDROGEN-ION CONC. (PH)
 SPECIFIC CONDUCTANCE
 SULFATE

SM 2320 B-2011
 EPA 300.0 (1993)
 EPA 300.0 (1993)
 SM 4500-H B-2011
 SM 2510 B-2011
 EPA 300.0 (1993)

TITRIMETRIC
 ION CHROMATOGRAPHY
 ION CHROMATOGRAPHY
 ELECTROMETRIC MEASUREMENT
 CONDUCTANCE AT 25 DEGREES C
 ION CHROMATOGRAPHY

INORGANIC - MISCELLANEOUS

CYANIDE
 TURBIDITY

EPA 335.4 (1993)
 EPA 180.1 (1993)

SEMI-AUTOMATED COLORIMETRY
 NEPHELOMETRIC

INORGANIC - NUTRIENT

NITRATE-NITRITE (N02&N03)
 NITRATE-NITROGEN
 NITRITE-NITROGEN

EPA 353.2 (1993)
 EPA 353.2 (1993)
 EPA 353.2 (1993)

CADMIUM REDUCTION (AUTOMATED)
 CADMIUM REDUCTION (AUTOMATED)
 CADMIUM REDUCTION (AUTOMATED)

INORGANIC - RADIOLOGICAL

URANIUM

EPA 200.8 (1994)

ICP/MS

INORGANIC - TRACE METAL

ALUMINUM
 ANTIMONY
 ARSENIC
 BARIUM
 BERYLLIUM
 CADMIUM
 CALCIUM
 CHROMIUM
 COPPER
 IRON
 LEAD
 MAGNESIUM

EPA 200.7 (1994)
 EPA 200.8 (1994)
 EPA 200.8 (1994)
 EPA 200.8 (1994)
 EPA 200.8 (1994)
 EPA 200.8 (1994)
 EPA 200.7 (1994)
 EPA 200.8 (1994)
 EPA 200.8 (1994)
 EPA 200.7 (1994)
 EPA 200.8 (1994)
 EPA 200.8 (1994)
 EPA 200.7 (1994)
 EPA 200.8 (1994)
 EPA 200.8 (1994)

ICP/AES
 ICP/MS
 ICP/MS
 ICP/MS
 ICP/MS
 ICP/MS
 ICP/MS
 ICP/AES
 ICP/MS
 ICP/MS
 ICP/AES
 ICP/MS
 ICP/AES
 ICP/MS
 ICP/AES

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INORGANIC - TRACE METAL

MANGANESE	EPA 200.7 (1994)	ICP/AES
MERCURY	EPA 245.1 (1994)	COLD VAPOR (MANUAL)
NICKEL	EPA 200.8 (1994)	ICP/MS
SELENIUM	EPA 200.8 (1994)	ICP/MS
SILICA, TOTAL	EPA 200.7 (1994)	ICP/AES
SILVER	EPA 200.8 (1994)	ICP/MS
SODIUM	EPA 200.7 (1994)	ICP/AES
THALLIUM	EPA 200.8 (1994)	ICP/MS
ZINC	EPA 200.7 (1994)	ICP/AES