



Healthy People. Healthy Communities.

S.C. 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"

**EUROFINS EATON ANALYTICAL LLC
110 S HILL ST
SOUTH BEND, INDIANA 46617-2702**

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. 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: **MATTHEW HARTZ**
Certifying Authority: **OR**
Date of Issue: **November 21, 2018**
Date of Expiration: **September 16, 2019**
Certificate Number: **95005001**



Program Manager
Office of Environmental Laboratory Certification

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

EUROFINS EATON ANALYTICAL LLC (Laboratory ID 95005)
Laboratory Director: MATTHEW HARTZ
Certifying Authority: OR
Certificate Number: 95005001

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SAFE DRINKING WATER ACT

DISINFECTION BY-PRODUCTS

BROMATE	EPA 300.1 (1997)	ION CHROMATOGRAPHY
BROMATE	EPA 317.0 (2001)	ION CHROMATOGRAPHY & POST COLUMN REACTION
BROMIDE	EPA 300.0 (1993)	ION CHROMATOGRAPHY
CHLORITE	EPA 300.0 (1993)	ION CHROMATOGRAPHY
UV254	SM 5910 B-2011	UV-ABSORBING ORGANIC CONSTITUENTS

INORGANIC - DEMAND

TOTAL AND DISSOLVED ORGANIC CARBON	SM 5310 C-2011	PERSULFATE OXIDATION (TOC)
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INORGANIC - MINERAL

ALKALINITY	SM 2320 B-2011	TITRIMETRIC
CHLORIDE	EPA 300.0 (1993)	ION CHROMATOGRAPHY
FLUORIDE	EPA 300.0 (1993)	ION CHROMATOGRAPHY
FLUORIDE	SM 4500-F C-2011	ELECTRODE (MANUAL)
HYDROGEN-ION CONC. (PH)	EPA 150.1 (1983)	ELECTROMETRIC MEASUREMENT
SPECIFIC CONDUCTANCE	SM 2510 B-2011	CONDUCTANCE AT 25 DEGREES C
SULFATE	EPA 300.0 (1993)	ION CHROMATOGRAPHY

INORGANIC - MISCELLANEOUS

TEMPERATURE	SM 2550 B-2010	THERMOMETRIC
TURBIDITY	EPA 180.1 (1993)	NEPHELOMETRIC

INORGANIC - NUTRIENT

NITRATE-NITROGEN	EPA 300.0 (1993)	ION CHROMATOGRAPHY
NITRATE-NITROGEN	EPA 353.2 (1993)	CADMIUM REDUCTION (AUTOMATED)
NITRITE-NITROGEN	EPA 353.2 (1993)	CADMIUM REDUCTION (AUTOMATED)
ORTHOPHOSPHATE	SM 4500-P E-2011	ASCORBIC ACID (MANUAL SINGLE REAGENT)

INORGANIC - RADIOLOGICAL

TRITIUM	EPA 906.0 (1980)	LIQUID SCINTILLATION
URANIUM	EPA 200.8 (1994)	ICP/MS

INORGANIC - RESIDUE

RESIDUE, FILTERABLE (TDS)	SM 2540 C-2011	GRAVIMETRIC (180)
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INORGANIC - TRACE METAL

ALUMINUM	EPA 200.8 (1994)	ICP/MS
ANTIMONY	EPA 200.8 (1994)	ICP/MS
ARSENIC	EPA 200.8 (1994)	ICP/MS
BARIUM	EPA 200.8 (1994)	ICP/MS
BERYLLIUM	EPA 200.8 (1994)	ICP/MS
CADMIUM	EPA 200.8 (1994)	ICP/MS
CALCIUM	EPA 200.7 (1994)	ICP/AES
CHROMIUM	EPA 200.8 (1994)	ICP/MS
COPPER	EPA 200.8 (1994)	ICP/MS
IRON	EPA 200.7 (1994)	ICP/AES
LEAD	EPA 200.8 (1994)	ICP/MS
MAGNESIUM	EPA 200.7 (1994)	ICP/AES
MANGANESE	EPA 200.8 (1994)	ICP/MS
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 200.8 (1994)	ICP/MS

MICROBIOLOGY

CRYPTOSPORIDIUM	EPA 1623 (2005)	CRYPTOSPORIDIUM BY FILTRATION/IMS/FA
HETEROTROPHIC BACTERIA	SIMPLATE (2000)	IDEXX SIMPLATE MULTIPLE WELL TEST METHOD
TOTAL COLIFORM/E.COLI	COLISURE TEST (1994)	IDEXX COLISURE PRESENCE/ABSENCE CPRG TEST
TOTAL COLIFORM/E.COLI(MPN)	SM 9223 B-2004	COLILERT/COLILERT-18

SYNTHETIC ORGANIC COMPOUNDS (SOCS)

CHLORINATED ACIDS - GC/ECD	EPA 515.3 (1996)
DIQUAT & PARAQUAT - HPLV/UV	EPA 549.2 (1997)
EDB, DBCP AND 1,2,3 TCP BY MICROEXT.-GC	EPA 504.1 (1995)
ENDOTHALL - GC/MS	EPA 548.1 (1992)
GLYPHOSATE - HPLC/FLUORESCENCE	EPA 547 (1990)
HALOACETIC ACIDS & DALAPON - GC/ECD	EPA 552.2 (1995)
N-METHYLCARB. & CARBAMATES - HPLC	EPA 531.2 (2001)
ORG. COMPOUNDS BY LIQ. SOL. EXT. - GC/M	EPA 525.2 (1995)
ORGANOHALIDE PEST & PCBS BY MICROEXT. -	EPA 505 (1995)

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TRIHALOMETHANES

CHLORINATED DBP, SOLVENTS, PEST/HERB -	EPA 551.1 (1995)
PURGEABLE ORGANICS - GC/MS	EPA 524.2 (1995)

VOLATILES (VOCS)

PURGEABLE ORGANICS - GC/MS	EPA 524.2 (1995)
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---SYNTHETIC ORGANIC COMPOUNDS
(SOCS)---

EPA 504.1 (1995)
1,2-DIBROMO-3-CHLOROPROPANE(DBCP)
1,2-DIBROMOETHANE (EDB)

EPA 505 (1995)
CHLORDANE
PCBS (AS AROCLORS)
TOXAPHENE

EPA 515.3 (1996)

2,4,5-TP (SILVEX)
2,4-D
DALAPON
DICAMBA
DINOSEB
PENTACHLOROPHENOL
PICLORAM

EPA 525.2 (1995)

ALACHLOR
ALDRIN
ATRAZINE
BENZO(A)PYRENE
BUTACHLOR
DI(2-ETHYLHEXYL)ADIPATE
DI(2-ETHYLHEXYL)PHTHALATE
DIELDRIN
ENDRIN
GAMMA-BHC (LINDANE)
HEPTACHLOR
HEPTACHLOR EPOXIDE
HEXACHLOROBENZENE
HEXACHLOROCYCLOPENTADIENE
METHOXYCHLOR
METOLACHLOR
METRIBUZIN
PROPACHLOR
SIMAZINE

EPA 531.2 (2001)
3-HYDROXYCARBOFURAN
ALDICARB
ALDICARB SULFONE
ALDICARB SULFOXIDE
CARBARYL
CARBOFURAN
METHIOCARB
METHOMYL
OXAMYL
PROPOXUR

EPA 547 (1990)
GLYPHOSATE

EPA 548.1 (1992)
ENDOTHALL

EPA 549.2 (1997)
DIQUAT

EPA 552.2 (1995)
DIBROMOACETIC ACID
DICHLOROACETIC ACID
MONOBROMOACETIC ACID
MONOCHLOROACETIC ACID
TRICHLOROACETIC ACID

-----TRIHALOMETHANES-----

EPA 524.2 (1995)
BROMODICHLOROMETHANE
BROMOFORM
CHLORODIBROMOMETHANE
CHLOROFORM

EPA 551.1 (1995)
BROMODICHLOROMETHANE
BROMOFORM
CHLORODIBROMOMETHANE
CHLOROFORM

-----VOLATILES (VOCS)-----

EPA 524.2 (1995)
1,1,1-TRICHLOROETHANE
1,1,2-TRICHLOROETHANE
1,1-DICHLOROETHENE
1,2,4-TRICHLOROBENZENE
1,2-DICHLOROBENZENE
1,2-DICHLOROETHANE
1,2-DICHLOROPROPANE
1,4-DICHLOROBENZENE
BENZENE
CARBON TETRACHLORIDE
CHLOROBENZENE
CIS-1,2-DICHLOROETHENE
ETHYLBENZENE
METHYLENE CHLORIDE
STYRENE
TETRACHLOROETHENE
TOLUENE
TRANS-1,2-DICHLOROETHENE
TRICHLOROETHENE
VINYL CHLORIDE
XYLENE, TOTAL