



SC DEPARTMENT of
**ENVIRONMENTAL
SERVICES**

Environmental Laboratory Certification Program

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

**ENTHALPY ANALYTICAL LLC
1941 REYMET RD
RICHMOND, VIRGINIA 23237**

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: EDWARD SOYARS
Certifying Authority: VA
Date of Issue: July 10, 2025
Date of Expiration: June 14, 2026
Certificate Number: 93016001


Program Manager
Office of Environmental Laboratory Certification

SOUTH CAROLINA DEPARTMENT OF ENVIRONMENTAL SERVICES
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

ENTHALPY ANALYTICAL LLC (Laboratory ID 93016)

Certifying Authority: VA

Certificate Number: 93016001

Date of issue: July 10, 2025

Expiration Date: June 14, 2026

CLEAN WATER ACT

-----SEMI-VOLATILES-----

EPA 625.1 (2016)

1,2,4-TRICHLOROBENZENE
1,2-DIPHENYLHYDRAZINE
2,4,6-TRICHLOROPHENOL
2,4-DICHLOROPHENOL
2,4-DIMETHYLPHENOL
2,4-DINITROPHENOL
2,4-DINITROTOLUENE (2,4-DNT)
2,6-DINITROTOLUENE (2,6-DNT)
2-CHLORONAPHTHALENE
2-CHLOROPHENOL
2-METHYL-4,6-DINITROPHENOL
2-NITROPHENOL
4-BROMOPHENYLPHENYL ETHER
4-CHLOROPHENYL PHENYL ETHER
4-METHYLPHENOL
4-NITROPHENOL
ACENAPHTHENE
ACENAPHTHYLENE
ANTHRACENE
BENZO(A)ANTHRACENE
BENZO(A)PYRENE
BENZO(B)FLUORANTHENE
BENZO(G,H,I)PERYLENE
BENZO(K)FLUORANTHENE
BENZYL BUTYL PHTHALATE
BIS(2-CHLORO-1-METHYLETHYL)ETHER
BIS(2-CHLOROETHOXY)METHANE
BIS(2-CHLOROETHYL)ETHER
BIS(2-ETHYLHEXYL)PHTHALATE
CHRYSENE
DI-N-BUTYL PHTHALATE
DI-N-OCTYL PHTHALATE
DIBENZO(A,H)ANTHRACENE
DIETHYL PHTHALATE
DIMETHYL PHTHALATE
FLUORANTHENE
FLUORENE
HEXACHLOROBENZENE
HEXACHLOROBUTADIENE
HEXACHLOROCYCLOPENTADIENE
HEXACHLOROETHANE
INDENO(1,2,3-CD)PYRENE
ISOPHORONE
N-NITROSODI-N-PROPYLAMINE

EPA 625.1 (2016)

N-NITROSODIMETHYLAMINE
N-NITROSODIPHENYLAMINE
NAPHTHALENE
NITROBENZENE (NB)
PENTACHLOROPHENOL
PHENANTHRENE
PHENOL
PYRENE

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

EPA 624.1 (2016)

1,1,1-TRICHLOROETHANE
1,1,2,2-TETRACHLOROETHANE
1,1,2-TRICHLOROETHANE
1,1-DICHLOROETHANE
1,1-DICHLOROETHENE
1,2-DICHLOROBENZENE
1,2-DICHLOROETHANE
1,2-DICHLOROPROPANE
1,3-DICHLOROBENZENE
1,4-DICHLOROBENZENE
2-CHLOROETHYL VINYL ETHER
4-METHYL-2-PENTANONE
ACETONE
ACROLEIN
ACRYLONITRILE
BENZENE
BROMODICHLOROMETHANE
BROMOFORM
BROMOMETHANE
CARBON TETRACHLORIDE
CHLOROBENZENE
CHLORODIBROMOMETHANE
CHLOROETHANE
CHLOROFORM
CHLOROMETHANE
CIS-1,2-DICHLOROETHENE
CIS-1,3-DICHLOROPROPENE
DICHLORODIFLUOROMETHANE
ETHYLBENZENE
HEXACHLOROBUTADIENE
METHYL ETHYL KETONE (MEK)
METHYL TERT BUTYL ETHER (MTBE)
METHYLENE CHLORIDE

EPA 624.1 (2016)

NAPHTHALENE
TETRACHLOROETHENE
TOLUENE
TRANS-1,2-DICHLOROETHENE
TRANS-1,3-DICHLOROPROPENE
TRICHLOROETHENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE
XYLENE, TOTAL

SOUTH CAROLINA DEPARTMENT OF ENVIRONMENTAL SERVICES
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SOLID & HAZARDOUS WASTES

-----SEMI-VOLATILES-----

EPA 8270E (2018)
EPA 3550C (2007)

1,2,4-TRICHLORO BENZENE
1,2-DICHLORO BENZENE
1,3-DICHLORO BENZENE
1,4-DICHLORO BENZENE
2,4,6-TRICHLOROPHENOL
2,4-DICHLOROPHENOL
2,4-DIMETHYLPHENOL
2,4-DINITROPHENOL
2,4-DINITROTOLUENE (2,4-DNT)
2,6-DINITROTOLUENE (2,6-DNT)
2-CHLORONAPHTHALENE
2-CHLOROPHENOL
2-NITROPHENOL
4,6-DINITRO-2-METHYLPHENOL
4-BROMOPHENYLPHENYL ETHER
4-CHLORO-3-METHYLPHENOL
4-CHLOROPHENYL PHENYL ETHER
4-NITROPHENOL
ACENAPHTHENE
ACENAPHTHYLENE
ANTHRACENE
BENZO(A)ANTHRACENE
BENZO(A)PYRENE
BENZO(B)FLUORANTHENE
BENZO(G,H,I)PERYLENE
BENZO(K)FLUORANTHENE
BIS(2-CHLOROETHOXY)METHANE
BIS(2-CHLOROETHYL)ETHER
BIS(2-ETHYLHEXYL)PHTHALATE
BUTYL BENZYL PHTHALATE
CARBAZOLE
CHRYSENE
DI-N-BUTYL PHTHALATE
DI-N-OCTYL PHTHALATE
DIBENZO(A,H)ANTHRACENE
DIETHYL PHTHALATE
DIMETHYL PHTHALATE
FLUORANTHENE
FLUORENE
HEXACHLORO BENZENE
HEXACHLOROBUTADIENE
HEXACHLOROCYCLOPENTADIENE
HEXACHLOROETHANE

EPA 8270E (2018)
EPA 3550C (2007)

INDENO(1,2,3-CD)PYRENE
ISOPHORONE
N-NITROSODI-N-PROPYLAMINE
N-NITROSODIMETHYLAMINE
N-NITROSODIPHENYLAMINE
NAPHTHALENE
NITROBENZENE (NB)
PENTACHLOROPHENOL
PHENANTHRENE
PHENOL
PYRENE
PYRIDINE

EPA 8270E (2018)
EPA 3580A (1992)

1,2,4-TRICHLORO BENZENE
1,2-DICHLORO BENZENE
1,3-DICHLORO BENZENE
1,4-DICHLORO BENZENE
2,4,6-TRICHLOROPHENOL
2,4-DICHLOROPHENOL
2,4-DIMETHYLPHENOL
2,4-DINITROPHENOL
2,4-DINITROTOLUENE (2,4-DNT)
2,6-DINITROTOLUENE (2,6-DNT)
2-CHLORONAPHTHALENE
2-CHLOROPHENOL
2-NITROPHENOL
4,6-DINITRO-2-METHYLPHENOL
4-BROMOPHENYLPHENYL ETHER
4-CHLORO-3-METHYLPHENOL
4-CHLOROPHENYL PHENYL ETHER
4-NITROPHENOL
ACENAPHTHENE
ACENAPHTHYLENE
ANTHRACENE
BENZO(A)ANTHRACENE
BENZO(A)PYRENE
BENZO(B)FLUORANTHENE
BENZO(G,H,I)PERYLENE
BENZO(K)FLUORANTHENE
BIS(2-CHLOROETHOXY)METHANE
BIS(2-ETHYLHEXYL)PHTHALATE

EPA 8270E (2018)
EPA 3580A (1992)

BUTYL BENZYL PHTHALATE
CARBAZOLE
CHRYSENE
DI-N-BUTYL PHTHALATE
DI-N-OCTYL PHTHALATE
DIBENZO(A,H)ANTHRACENE
DIETHYL PHTHALATE
DIMETHYL PHTHALATE
FLUORANTHENE
FLUORENE
HEXACHLORO BENZENE
HEXACHLOROBUTADIENE
HEXACHLOROCYCLOPENTADIENE
HEXACHLOROETHANE
INDENO(1,2,3-CD)PYRENE
ISOPHORONE
N-NITROSODI-N-PROPYLAMINE
N-NITROSODIMETHYLAMINE
N-NITROSODIPHENYLAMINE
NAPHTHALENE
NITROBENZENE (NB)
PENTACHLOROPHENOL
PHENANTHRENE
PHENOL
PYRENE
PYRIDINE

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

EPA 8260D (2018)
EPA 3585 (1996)

1,1,1,2-TETRACHLOROETHANE
1,1,1-TRICHLOROETHANE
1,1,2,2-TETRACHLOROETHANE
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE
1,1,2-TRICHLOROETHANE
1,1-DICHLOROETHANE
1,1-DICHLOROETHENE
1,1-DICHLOROPROPENE
1,2,3-TRICHLORO BENZENE
1,2,3-TRICHLOROPROPANE
1,2,4-TRICHLORO BENZENE
1,2,4-TRIMETHYL BENZENE
1,2-DIBROMO-3-CHLOROPROPANE(DBCP)

EPA 8260D (2018)
EPA 3585 (1996)

1,2-DIBROMOETHANE (EDB)
1,2-DICHLORO BENZENE
1,2-DICHLOROETHANE
1,2-DICHLOROPROPANE
1,3,5-TRIMETHYL BENZENE
1,3-DICHLORO BENZENE
1,3-DICHLOROPROPANE
1,4-DICHLORO BENZENE
1,4-DIOXANE
2,2-DICHLOROPROPANE
2-CHLOROTOLUENE
2-HEXANONE
4-CHLOROTOLUENE
4-METHYL-2-PENTANONE
ACETONE
ACRYLONITRILE
ALLYL CHLORIDE
BENZENE
BROMOBENZENE
BROMOCHLOROMETHANE
BROMODICHLOROMETHANE
BROMOFORM
BROMOMETHANE
CARBON DISULFIDE
CARBON TETRACHLORIDE
CHLORO BENZENE
CHLORODIBROMOMETHANE
CHLOROETHANE
CHLOROFORM
CHLOROMETHANE
CIS-1,2-DICHLOROETHENE
CIS-1,3-DICHLOROPROPENE
CYCLOHEXANE
DIBROMOMETHANE
DICHLORODIFLUOROMETHANE
ETHANOL
ETHYL METHACRYLATE
ETHYLBENZENE
HEXACHLOROBUTADIENE
IODOMETHANE
ISOBUTYL ALCOHOL
ISOPROPYL ALCOHOL
ISOPROPYLBENZENE
METHYL ETHYL KETONE (MEK)
METHYL METHACRYLATE

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SOLID & HAZARDOUS WASTES

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

EPA 8260D (2018)
EPA 3585 (1996)

METHYL TERT BUTYL ETHER (MTBE)
METHYLCYCLOHEXANE
METHYLENE CHLORIDE
N-BUTYLBENZENE
N-PROPYLBENZENE
NAPHTHALENE
PROPIONITRILE
SEC-BUTYLBENZENE
STYRENE
TERT-BUTYLBENZENE
TETRACHLOROETHENE
TOLUENE
TRANS-1,2-DICHLOROETHENE
TRANS-1,3-DICHLOROPROPENE
TRICHLOROETHENE
TRICHLOROFLUOROMETHANE
VINYL ACETATE
VINYL CHLORIDE
XYLENE, TOTAL

EPA 8260D (2018)
EPA 5035 (1996)

1,1,1,2-TETRACHLOROETHANE
1,1,1-TRICHLOROETHANE
1,1,2,2-TETRACHLOROETHANE
1,1,2-TRICHLOROETHANE
1,1-DICHLOROETHANE
1,1-DICHLOROETHENE
1,1-DICHLOROPROPENE
1,2,3-TRICHLOROBENZENE
1,2,3-TRICHLOROPROPANE
1,2,4-TRICHLOROBENZENE
1,2,4-TRIMETHYLBENZENE
1,2-DIBROMO-3-CHLOROPROPANE(DBCP)
1,2-DIBROMOETHANE (EDB)
1,2-DICHLOROBENZENE
1,2-DICHLOROETHANE
1,2-DICHLOROPROPANE
1,3,5-TRIMETHYLBENZENE
1,3-DICHLOROBENZENE
1,3-DICHLOROPROPANE
1,4-DICHLOROBENZENE

EPA 8260D (2018)
EPA 5035 (1996)

1,4-DIOXANE
2,2-DICHLOROPROPANE
2-CHLOROETHYL VINYL ETHER
2-CHLOROTOLUENE
2-HEXANONE
4-CHLOROTOLUENE
4-METHYL-2-PENTANONE
ACETONE
ACETONITRILE
ALLYL CHLORIDE
BENZENE
BROMOBENZENE
BROMOCHLOROMETHANE
BROMODICHLOROMETHANE
BROMOFORM
BROMOMETHANE
CARBON DISULFIDE
CARBON TETRACHLORIDE
CHLOROBENZENE
CHLORODIBROMOMETHANE
CHLOROETHANE
CHLOROFORM
CHLOROMETHANE
CIS-1,2-DICHLOROETHENE
CIS-1,3-DICHLOROPROPENE
CYCLOHEXANE
DIBROMOMETHANE
DICHLORODIFLUOROMETHANE
DIISOPROPYL ETHER
ETHANOL
ETHYL METHACRYLATE
ETHYL TERT BUTYL ETHER
ETHYLBENZENE
HEXACHLOROBUTADIENE
IODOMETHANE
ISOBUTYL ALCOHOL
ISOPROPYLBENZENE
METHYL ETHYL KETONE (MEK)
METHYL METHACRYLATE
METHYL TERT BUTYL ETHER (MTBE)
METHYLCYCLOHEXANE
METHYLENE CHLORIDE
N-BUTYLBENZENE
N-HEXANE
N-PROPYLBENZENE

EPA 8260D (2018)
EPA 5035 (1996)

NAPHTHALENE
PROPIONITRILE
SEC-BUTYLBENZENE
STYRENE
T-AMYL ETHYL ETHER
TERT-BUTYLBENZENE
TETRACHLOROETHENE
TOLUENE
TRANS-1,2-DICHLOROETHENE
TRANS-1,3-DICHLOROPROPENE
TRICHLOROETHENE
TRICHLOROFLUOROMETHANE
VINYL ACETATE
VINYL CHLORIDE
XYLENE, TOTAL

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CLEAN WATER ACT

INORGANIC - DEMAND

CHEMICAL OXYGEN DEMAND (COD)
TOTAL ORGANIC CARBON (TOC)

SM 5220 D-2011
SM 5310 C-2014

SPECTROPHOTOMETRIC, MANUAL OR AUTOMATED
PERSULFATE OXIDATION (TOC)

INORGANIC - MINERAL

ALKALINITY
CHLORIDE
FLUORIDE
SULFATE

SM 2320 B-2021
EPA 300.0 (1993)
EPA 300.0 (1993)
EPA 300.0 (1993)

TITRIMETRIC
ION CHROMATOGRAPHY
ION CHROMATOGRAPHY
ION CHROMATOGRAPHY

INORGANIC - MISCELLANEOUS

OIL & GREASE
SULFIDE
SULFIDE

EPA 1664B (2010)
SM 4500-S2 C-2021
SM 4500-S2 D-2021

OIL & GREASE - HEM/SGT-HEM
SAMPLE PRETREATMENT OR CONCENTRATION
COLORIMETRIC (METHYLENE BLUE)

INORGANIC - NUTRIENT

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

EPA 350.1 (1993)
EPA 351.2 (1993)
SM 4500-NO3 F-2019
SM 4500-NO2 B-2021
SM 4500-P B(5)-2021
SM 4500-P E-2021

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

INORGANIC - RESIDUE

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

SM 2540 C-2020
SM 2540 D-2020

GRAVIMETRIC (180)
GRAVIMETRIC 103-105

INORGANIC - TRACE METAL

ALUMINUM
ALUMINUM
ANTIMONY
ANTIMONY
ARSENIC
ARSENIC
BARIUM
BARIUM

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

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

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CLEAN WATER ACT

INORGANIC - TRACE METAL

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 200.8 (1994)	ICP/MS
CHROMIUM, HEXAVALENT	EPA 200.7 (1994)	ICP/AES
COBALT	SM 3500-CR B-2020	ICP/MS
COBALT	EPA 200.7 (1994)	ICP/AES
COPPER	EPA 200.8 (1994)	ICP/MS
COPPER	EPA 200.7 (1994)	ICP/AES
IRON	EPA 200.8 (1994)	ICP/MS
IRON	EPA 200.7 (1994)	ICP/AES
LEAD	EPA 200.8 (1994)	ICP/MS
LEAD	EPA 200.7 (1994)	ICP/AES
MAGNESIUM	EPA 200.8 (1994)	ICP/MS
MAGNESIUM	EPA 200.7 (1994)	ICP/AES
MANGANESE	EPA 200.8 (1994)	ICP/MS
MANGANESE	EPA 200.7 (1994)	ICP/AES
MERCURY	EPA 200.8 (1994)	ICP/MS
MERCURY	EPA 245.1 (1994)	ICP/AES
MOLYBDENUM	EPA 200.7 (1994)	COLD VAPOR (MANUAL)
MOLYBDENUM	EPA 200.8 (1994)	ICP/MS
NICKEL	EPA 200.7 (1994)	ICP/AES
NICKEL	EPA 200.8 (1994)	ICP/MS
POTASSIUM	EPA 200.7 (1994)	ICP/AES
POTASSIUM	EPA 200.8 (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
SODIUM	EPA 200.7 (1994)	ICP/AES
SODIUM	EPA 200.8 (1994)	ICP/MS
THALLIUM	EPA 200.7 (1994)	ICP/AES
THALLIUM	EPA 200.8 (1994)	ICP/MS
TIN	EPA 200.7 (1994)	ICP/AES
TIN	EPA 200.8 (1994)	ICP/MS
TITANIUM	EPA 200.7 (1994)	ICP/AES

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CLEAN WATER ACT

INORGANIC - TRACE METAL

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

SEMI-VOLATILES

BASE/NEUTRALS AND ACIDS - GC/MS	EPA 625.1 (2016)
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VOLATILES (VOCs)

PURGEABLES - GC/MS	EPA 624.1 (2016)
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SAFE DRINKING WATER ACT

INORGANIC - TRACE METAL

LEAD	EPA 200.8 (1994)	ICP/MS
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SOLID & HAZARDOUS WASTES

INORGANIC - DEMAND

TOTAL ORGANIC CARBON (TOC)	EPA 9060A (2004)	CARBONACEOUS ANALYZER
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INORGANIC - HAZARDOUS WASTE CHARACTERISTICS

PAINT FILTER LIQUIDS TEST	EPA 9095B (2004)	FILTRATION
SPLP - BOTTLE EXTRACTION	EPA 1312 (1994)	SYNTHETIC PRECIPITATION LEACHING PROCEDURE
SPLP - ZERO HEADSPACE	EPA 1312 (1994)	SYNTHETIC PRECIPITATION LEACHING PROCEDURE
TCLP - BOTTLE EXTRACTION	EPA 1311 (1992)	TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TCLP - ZERO HEADSPACE	EPA 1311 (1992)	TOXICITY CHARACTERISTIC LEACHING PROCEDURE

INORGANIC - MINERAL

CHLORIDE	EPA 9056A (2007)	ION CHROMATOGRAPHY
FLUORIDE	EPA 9056A (2007)	ION CHROMATOGRAPHY
SULFATE	EPA 9056A (2007)	ION CHROMATOGRAPHY

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SOLID & HAZARDOUS WASTES

INORGANIC - MISCELLANEOUS

EXTRACT. ORGANIC HALIDES IN SOLIDS (EOX)	EPA 9023 (1996)	EXTRACTABLE ORGANIC HALIDES IN SOLIDS (EOX)
SULFIDE	EPA 9215 (1996)	ION SELECTIVE ELECTRODE
TOTAL ORGANIC HALIDES (TOX)	EPA 9020B (1994)	MICROLOMETRIC-TITRATION DETECTOR

INORGANIC - TRACE METAL

ALUMINUM	EPA 6010D (2018)	ICP/AES
ANTIMONY	EPA 6010D (2018)	ICP/AES
ARSENIC	EPA 6020B (2014)	ICP/MS
ARSENIC	EPA 6010D (2018)	ICP/AES
BARIUM	EPA 6020B (2014)	ICP/MS
BARIUM	EPA 6010D (2018)	ICP/AES
BERYLLIUM	EPA 6020B (2014)	ICP/MS
BERYLLIUM	EPA 6010D (2018)	ICP/AES
BORON	EPA 6010D (2018)	ICP/AES
CADMIUM	EPA 6010D (2018)	ICP/AES
CADMIUM	EPA 6020B (2014)	ICP/MS
CALCIUM	EPA 6010D (2018)	ICP/AES
CHROMIUM	EPA 6010D (2018)	ICP/AES
CHROMIUM, HEXAVALENT	EPA 6020B (2014)	ICP/MS
	EPA 7196A (1992)	ICP/AES
COBALT	EPA 6010D (2018)	ICP/AES
COBALT	EPA 6020B (2014)	ICP/MS
COPPER	EPA 6010D (2018)	ICP/AES
COPPER	EPA 6020B (2014)	ICP/MS
IRON	EPA 6010D (2018)	ICP/AES
LEAD	EPA 6010D (2018)	ICP/AES
LEAD	EPA 6020B (2014)	ICP/MS
MAGNESIUM	EPA 6010D (2018)	ICP/AES
MANGANESE	EPA 6010D (2018)	ICP/AES
MANGANESE	EPA 6020B (2014)	ICP/MS
MERCURY	EPA 7470A (1994)	COLD VAPOR TECHNIQUE LIQUID
MERCURY	EPA 7471B (2007)	COLD VAPOR TECHNIQUE SOLID
METALS DIGESTION	EPA 3005A (1992)	AQUEOUS ACID DIGESTION TOTAL OR DISSOLVED METALS FLAA OR ICP
METALS DIGESTION	EPA 3010A (1992)	AQUEOUS ACID DIGESTION TOTAL METALS FLAA OR ICP
METALS DIGESTION	EPA 3050B (1996)	SOLID ACID DIGESTION
METALS DIGESTION	EPA 3060A (1996)	ALKALINE DIGESTION HEX CHROM
MOLYBDENUM	EPA 6010D (2018)	ICP/AES
	EPA 6020B (2014)	ICP/MS

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

ENTHALPY ANALYTICAL LLC (Laboratory ID 93016)
Laboratory Director: EDWARD SOYARS
Certifying Authority: VA
Certificate Number: 93016001

Date of Issue: July 10, 2025
Expiration Date: June 14, 2026

SOLID & HAZARDOUS WASTES

INORGANIC - TRACE METAL

NICKEL	EPA 6010D (2018)	ICP/AES
NICKEL	EPA 6020B (2014)	ICP/MS
POTASSIUM	EPA 6010D (2018)	ICP/AES
SELENIUM	EPA 6010D (2018)	ICP/AES
SELENIUM	EPA 6020B (2014)	ICP/MS
SILVER	EPA 6010D (2018)	ICP/AES
SILVER	EPA 6020B (2014)	ICP/MS
SODIUM	EPA 6010D (2018)	ICP/AES
THALLIUM	EPA 6010D (2018)	ICP/AES
THALLIUM	EPA 6020B (2014)	ICP/MS
TIN	EPA 6010D (2018)	ICP/AES
TITANIUM	EPA 6010D (2018)	ICP/AES
VANADIUM	EPA 6010D (2018)	ICP/AES
VANADIUM	EPA 6020B (2014)	ICP/MS
ZINC	EPA 6010D (2018)	ICP/AES
ZINC	EPA 6020B (2014)	ICP/MS

SEMI-VOLATILES

SEMIVOLATILE ORGANICS BY GC/MS	EPA 8270E (2018)	EPA 3550C (2007)
SEMIVOLATILE ORGANICS BY GC/MS	EPA 8270E (2018)	EPA 3580A (1992)

VOLATILES (VOCS)

OXYGENATE VOLATILE ORGANICS BY GC/MS	EPA 8260D-OXY (2018)	EPA 5030B (1996)
VOLATILE ORGANICS BY GC/MS	EPA 8260D (2018)	EPA 5035 (1996)
VOLATILE ORGANICS BY GC/MS	EPA 8260D (2018)	EPA 3585 (1996)