

SOUTH CAROLINA DEPARTMENT OF ENVIRONMENTAL SERVICES
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

SGS NORTH AMERICA INC SCOTT (Laboratory ID 73004)
Certifying Authority: LA
Certificate Number: 73004001
Date of Issue: March 13, 2025
Expiration Date: June 30, 2025

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

EPA 625.1 (2016)

1,2,4-TRICHLOROBENZENE
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
3,3-DICHLOROBENZIDINE
4-BROMOPHENYLPHENYL ETHER
4-CHLORO-3-METHYLPHENOL
4-CHLOROPHENYL PHENYL ETHER
4-NITROPHENOL
ACENAPHTHENE
ACENAPHTHYLENE
ANTHRACENE
BENZIDINE
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

EPA 625.1 (2016)

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

CLEAN WATER ACT

-----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-DICHLOROETHANE
1,2-DICHLOROETHANE
1,2-DICHLOROPROPANE
2-CHLOROETHYL VINYL ETHER
BENZENE
BROMODICHLOROMETHANE
BROMOFORM
BROMOMETHANE
CARBON TETRACHLORIDE
CHLOROBENZENE
CHLORODIBROMOMETHANE
CHLOROETHANE
CHLOROFORM
CHLOROMETHANE
CIS-1,3-DICHLOROPROPENE
ETHYLBENZENE
METHYLENE CHLORIDE
TETRACHLOROETHENE
TOLUENE
TRANS-1,3-DICHLOROPROPENE
TRICHLOROETHENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE

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SOLID & HAZARDOUS WASTES

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

EPA 8015C (DRO) (2007)
EPA 3510C (1996)

TPH - HIGH BOIL. PT. (DIESEL)

EPA 8015C (DRO) (2007)
EPA 3546 (2007)

TPH - HIGH BOIL. PT. (DIESEL)

EPA 8270E (2018)
EPA 3510C (1996)

1,2,4-TRICHLOROBENZENE
1,2-DICHLOROBENZENE
1,2-DIPHENYLHYDRAZINE
1,3-DICHLOROBENZENE
1,4-DICHLOROBENZENE
2,4,5-TRICHLOROPHENOL
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-CHLOROPHENOL

2-METHYLNAPHTHALENE

2-METHYLPHENOL

2-NITROANILINE

2-NITROPHENOL

3,3-DICHLOROBENZIDINE

3-NITROANILINE

4,6-DINITRO-2-METHYLPHENOL

4-BROMOPHENYLPHENYL ETHER

4-CHLORO-3-METHYLPHENOL

4-CHLOROANILINE

4-CHLOROPHENYL PHENYL ETHER

4-NITROANILINE

ACENAPHTHENE

ACENAPHTHYLENE

ANILINE

ANTHRACENE

BENZIDINE

BENZO(A)ANTHRACENE

BENZO(A)PYRENE

EPA 8270E (2018)
EPA 3510C (1996)

BENZO(B)FLUORANTHENE

BENZO(G,H,I)PERYLENE

BENZO(K)FLUORANTHENE

BENZOIC ACID

BENZYL ALCOHOL

BIS(2-CHLORO-1-METHYLETHYL)ETHER

BIS(2-CHLOROETHOXY)METHANE

BIS(2-CHLOROETHYL)ETHER

BIS(2-ETHYLHEXYL)PHTHALATE

BUTYL BENZYL PHTHALATE

CHRYSENE

DI-N-BUTYL PHTHALATE

DI-N-OCTYL PHTHALATE

DIBENZO(A,H)ANTHRACENE

DIBENZOFURAN

DIETHYL PHTHALATE

DIMETHYL PHTHALATE

FLUORANTHENE

FLUORENE

HEXACHLOROBENZENE

HEXACHLOROBUTADIENE

HEXACHLOROETHANE

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 3546 (2007)

1,1'-BIPHENYL

1,2,4,5-TETRACHLOROBENZENE

1,2,4-TRICHLOROBENZENE

1,2-DICHLOROBENZENE

1,2-DINITROBENZENE

1,2-DIPHENYLHYDRAZINE

1,3-DICHLOROBENZENE

EPA 8270E (2018)
EPA 3546 (2007)

1,3-DINITROBENZENE (1,3-DNB)

1,4-DICHLOROBENZENE

1,4-DINITROBENZENE

2,3,4,6-TETRACHLOROPHENOL

2,4,5-TRICHLOROPHENOL

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-METHYLNAPHTHALENE

2-METHYLPHENOL

2-NITROANILINE

2-NITROPHENOL

3,3-DICHLOROBENZIDINE

3,3-DIMETHYLBENZIDINE

3-METHYLPHENOL

3-NITROANILINE

4,6-DINITRO-2-METHYLPHENOL

4-BROMOPHENYLPHENYL ETHER

4-CHLORO-3-METHYLPHENOL

4-CHLOROANILINE

4-CHLOROPHENYL PHENYL ETHER

4-METHYLPHENOL

4-NITROANILINE

4-NITROPHENOL

ACENAPHTHENE

ACENAPHTHYLENE

ANILINE

ANTHRACENE

BENZIDINE

BENZO(A)ANTHRACENE

BENZO(A)PYRENE

BENZO(B)FLUORANTHENE

BENZO(G,H,I)PERYLENE

BENZO(K)FLUORANTHENE

BENZOIC ACID

BENZYL ALCOHOL

BIS(2-CHLORO-1-METHYLETHYL)ETHER

BIS(2-CHLOROETHOXY)METHANE

BIS(2-CHLOROETHYL)ETHER

BIS(2-ETHYLHEXYL)PHTHALATE

EPA 8270E (2018)
EPA 3546 (2007)

BUTYL BENZYL PHTHALATE

CARBAZOLE

CHRYSENE

DI-N-BUTYL PHTHALATE

DI-N-OCTYL PHTHALATE

DIBENZO(A,H)ANTHRACENE

DIBENZOFURAN

DIMETHYL PHTHALATE

DIPHENYLAMINE

FLUORANTHENE

FLUORENE

HEXACHLOROBENZENE

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 8015C (GRO) (2007)
EPA 5030B (1996)

TPH - LOW BOIL. PT. (GAS.)

EPA 8021B (2014)

EPA 5030B (1996)

1,3,5-TRIMETHYLBENZENE

BENZENE

ETHYLBENZENE

NAPHTHALENE

TOLUENE

XYLENE, TOTAL

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SOLID & HAZARDOUS WASTES

-----VOLATILES (VOCs)-----

EPA 8021B (2014)
EPA 5035 (1996)

BENZENE
ETHYLBENZENE
METHYL TERT BUTYL ETHER (MTBE)
TOLUENE
XYLENE, TOTAL

EPA 8260D (2018)
EPA 5030B (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
1,2-DIBROMOETHANE (EDB)
1,2-DICHLOROETHANE
1,2-DICHLOROPROPANE
1,4-DIOXANE
2-CHLOROETHYL VINYL ETHER
2-NITROPROPANE
4-METHYL-2-PENTANONE
ACETONITRILE
ACROLEIN
ACRYLONITRILE
BENZENE
BROMOFORM
BROMOMETHANE
CARBON DISULFIDE
CARBON TETRACHLORIDE
CHLOROBENZENE
CHLORODIBROMOMETHANE
CHLOROETHANE
CHLOROFORM
CHLOROMETHANE
CIS-1,2-DICHLOROETHENE
CIS-1,3-DICHLOROPROPENE
ETHYL ACETATE
ETHYLBENZENE
METHYL METHACRYLATE
METHYL TERT BUTYL ETHER (MTBE)
METHYLENE CHLORIDE
NAPHTHALENE

EPA 8260D (2018)
EPA 5030B (1996)

STYRENE
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-TRICHLOROETHANE
1,1,2,2-TETRACHLOROETHANE
1,1,2-TRICHLOROETHANE
1,1-DICHLOROETHANE
1,1-DICHLOROETHENE
1,2-DIBROMOETHANE (EDB)
1,2-DICHLOROETHANE
1,2-DICHLOROPROPANE
1,2-DICHLOROETHANE
2-CHLOROETHYL VINYL ETHER
4-METHYL-2-PENTANONE
ACETONE
BENZENE
BROMOFORM
BROMOMETHANE
CARBON DISULFIDE
CARBON TETRACHLORIDE
CHLOROBENZENE
CHLORODIBROMOMETHANE
CHLOROETHANE
CHLOROFORM
CHLOROMETHANE
CIS-1,2-DICHLOROETHENE
CIS-1,3-DICHLOROPROPENE
ETHYL ACETATE
ETHYLBENZENE
METHYL METHACRYLATE
METHYL TERT BUTYL ETHER (MTBE)
METHYLENE CHLORIDE
NAPHTHALENE
STYRENE
TETRACHLOROETHENE

EPA 8260D (2018)
EPA 5035 (1996)

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

EPA 8260D-OXY (2018)
EPA 5030B (1996)

3,3-DIMETHYL-1-BUTANOL
DIISOPROPYL ETHER
ETHANOL
ETHYL TERT BUTYL ETHER
T-AMYL ALCOHOL
T-AMYL METHYL ETHER
T-BUTYL ALCOHOL
T-BUTYL FORMATE

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CLEAN WATER ACT

INORGANIC - DEMAND

BIOCHEMICAL OXYGEN DEMAND(BOD)
DISSOLVED OXYGEN

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

5 DAY DO DEPLETION
ELECTRODE

INORGANIC - MINERAL

SPECIFIC CONDUCTANCE

EPA 120.1 (1982)

WHEATSTONE BRIDGE

INORGANIC - MISCELLANEOUS

PHENOLICS, TOTAL RECOVERABLE

EPA 420.1 (1978)

MANUAL DISTILLATION WITH COLORIMETRIC(4AAP)

INORGANIC - NUTRIENT

ORTHOPHOSPHATE

SM 4500-P E-2021

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
ANTIMONY
ARSENIC
BARIUM
BERYLLIUM
BORON
CADMIUM
CHROMIUM
COBALT
COPPER
IRON
LEAD
MANGANESE
MERCURY
MOLYBDENUM
NICKEL
POTASSIUM
SELENIUM

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

ICP/MS
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ICP/MS
ICP/MS
ICP/MS
ICP/MS
ICP/MS
ICP/MS
ICP/MS
COLD VAPOR (MANUAL)
ICP/MS
ICP/MS
ICP/MS
ICP/MS

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CLEAN WATER ACT

INORGANIC - TRACE METAL

SILVER	EPA 200.8 (1994)	ICP/MS
SODIUM	EPA 200.8 (1994)	ICP/MS
THALLIUM	EPA 200.8 (1994)	ICP/MS
TIN	EPA 200.8 (1994)	ICP/MS
TITANIUM	EPA 200.8 (1994)	ICP/MS
VANADIUM	EPA 200.8 (1994)	ICP/MS
ZINC	EPA 200.8 (1994)	ICP/MS

SEMI-VOLATILES

BASE/NEUTRALS AND ACIDS - GC/MS

EPA 625.1 (2016)

VOLATILES (VOCs)

PURGEABLES - GC/MS

EPA 624.1 (2016)

SOLID & HAZARDOUS WASTES

INORGANIC - DEMAND

TOTAL ORGANIC CARBON (TOC)

EPA 9060A (2004)

CARBONACEOUS ANALYZER

INORGANIC - HAZARDOUS WASTE CHARACTERISTICS

**TCLP - BOTTLE EXTRACTION
TCLP - ZERO HEADSPACE**

EPA 1311 (1992)
EPA 1311 (1992)

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TOXICITY CHARACTERISTIC LEACHING PROCEDURE

INORGANIC - MINERAL

**CHLORIDE
FLUORIDE
SULFATE**

EPA 9056A (2007)
EPA 9056A (2007)
EPA 9056A (2007)

ION CHROMATOGRAPHY
ION CHROMATOGRAPHY
ION CHROMATOGRAPHY

INORGANIC - MISCELLANEOUS

**BROMIDE
PHENOLICS, TOTAL RECOVERABLE**

EPA 9056A (2007)
EPA 9065 (1986)

ION CHROMATOGRAPHY
SPECTROPHOTOMETRIC (MANUAL 4AAP WITH DISTILLATION)

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ION CHROMATOGRAPHY

ALUMINUM	EPA 6020B (2014)	ICP/MS
ANTIMONY	EPA 6020B (2014)	ICP/MS
ARSENIC	EPA 6020B (2014)	ICP/MS
BARIUM	EPA 6020B (2014)	ICP/MS
BERYLLIUM	EPA 6020B (2014)	ICP/MS
BORON	EPA 6020B (2014)	ICP/MS
CADMIUM	EPA 6020B (2014)	ICP/MS
CHROMIUM	EPA 6020B (2014)	ICP/MS
COBALT	EPA 6020B (2014)	ICP/MS
COPPER	EPA 6020B (2014)	ICP/MS
IRON	EPA 6020B (2014)	ICP/MS
LEAD	EPA 6020B (2014)	ICP/MS
MAGNESIUM	EPA 6020B (2014)	ICP/MS
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 3010A (1992)	AQUEOUS ACID DIGESTION TOTAL METALS FLAA OR ICP
METALS DIGESTION	EPA 3050B (1996)	SOLID ACID DIGESTION
MOLYBDENUM	EPA 6020B (2014)	ICP/MS
NICKEL	EPA 6020B (2014)	ICP/MS
POTASSIUM	EPA 6020B (2014)	ICP/MS
SELENIUM	EPA 6020B (2014)	ICP/MS
SILVER	EPA 6020B (2014)	ICP/MS
SODIUM	EPA 6020B (2014)	ICP/MS
THALLIUM	EPA 6020B (2014)	ICP/MS
TIN	EPA 6020B (2014)	ICP/MS
TITANIUM	EPA 6020B (2014)	ICP/MS
VANADIUM	EPA 6020B (2014)	ICP/MS
ZINC	EPA 6020B (2014)	ICP/MS

EPA 3510C (1996)
EPA 3546 (2007)
EPA 3510C (1996)

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SOLID & HAZARDOUS WASTES

SEMI-VOLATILES

TPH - DIESEL RANGE ORGANICS (DRO) EPA 8015C (DRO) (2007) EPA 3546 (2007)

VOLATILES (VOCS)

OXYGENATE VOLATILE ORGANICS BY GC/MS
TPH - GASOLINE RANGE ORGANICS (GRO)
VOLATILE ORGANICS BY GC/MS
VOLATILE ORGANICS BY GC/MS
VOLATILES BY GC/HALL/PID
VOLATILES BY GC/HALL/PID
EPA 8260D-OXY (2018)
EPA 8015C (GRO) (2007)
EPA 8260D (2018)
EPA 8260D (2018)
EPA 8021B (2014)
EPA 8021B (2014)
EPA 5030B (1996)
EPA 5030B (1996)
EPA 5035 (1996)
EPA 5030B (1996)
EPA 5035 (1996)
EPA 5030B (1996)