



**STATE OF ILLINOIS**  
**ENVIRONMENTAL PROTECTION AGENCY**  
**NELAP - RECOGNIZED**  
**ENVIRONMENTAL LABORATORY ACCREDITATION**

is hereby granted to

**ALS ENVIRONMENTAL - MI**  
**3352 128TH AVENUE**  
**HOLLAND, MI 49424-9263**  
**NELAP ACCREDITED**  
ACCREDITATION NUMBER #200076



According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

Primary Accrediting Authority: MN Department of Health, ELAP

Celeste M. Crowley  
Acting Manager  
Environmental Laboratory Accreditation Program

John South  
Accreditation Officer  
Environmental Laboratory Accreditation Program

Certificate No.: 004316  
Expiration Date: 12/31/2018  
Issued On: 02/16/2018

**State of Illinois  
Environmental Protection Agency**

Certificate No.: 004316

**Awards the Certificate of Approval to:**

ALS Environmental - MI  
3352 128th Avenue  
Holland, MI 49424-9263

---

According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

---

**FOT Name: Non Potable Water, Inorganic**

**Method: ASTM D7511-09**

**Matrix Type: NPW**

Cyanide

**Method: Hach 10360**

**Matrix Type: NPW**

Biochemical Oxygen Demand (BOD5)

Carbonaceous Biochemical Oxygen Demand (CBOI)

**Method: OIA-1677-09(L.Kahn)**

**Matrix Type: NPW**

Cyanide, Free

**Method: SM2130B,2001**

**Matrix Type: NPW**

Turbidity

**Method: SM2310B,1997**

**Matrix Type: NPW**

Acidity

**Method: SM2320B,1997**

**Matrix Type: NPW**

Alkalinity

**Method: SM2340B,1997**

**Matrix Type: NPW**

Hardness

**Method: SM2340C,1997**

**Matrix Type: NPW**

Hardness

**Method: SM2510B,1997**

**Matrix Type: NPW**

Specific Conductance

**Method: SM2540B,1997**

**Matrix Type: NPW**

**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
3352 128th Avenue  
Holland, MI 49424-9263

---

**FOT Name: Non Potable Water, Inorganic**

**Method: SM2540B,1997**

**Matrix Type: NPW**

Residue (Total)

**Method: SM2540C,1997**

**Matrix Type: NPW**

Residue (TDS)

**Method: SM2540D,1997**

**Matrix Type: NPW**

Residue (TSS)

**Method: SM2540E,1997**

**Matrix Type: NPW**

Residue (% Volatile)

**Method: SM2540F,1997**

**Matrix Type: NPW**

Residue (settleable)

**Method: SM3500Cr-B,2009**

**Matrix Type: NPW**

Chromium VI

**Method: SM4500Cl<sup>-</sup>-C,1997**

**Matrix Type: NPW**

Chloride

**Method: SM4500Cl<sup>-</sup>-E,1997**

**Matrix Type: NPW**

Chloride

**Method: SM4500Cl-G,2000**

**Matrix Type: NPW**

Chlorine, Total Residual

**Method: SM4500CN-E,1999**

**Matrix Type: NPW**

Cyanide

**Method: SM4500CN-G,1999**

**Matrix Type: NPW**

Cyanide, Available

**Method: SM4500H-B,2000**

**Matrix Type: NPW**

Hydrogen Ion (pH)

**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
3352 128th Avenue  
Holland, MI 49424-9263

**FOT Name: Non Potable Water, Inorganic**

**Method: SM4500NH3-G,1997**

**Matrix Type: NPW**

Total Kjeldahl Nitrogen

**Method: SM4500NO2-B,2000**

**Matrix Type: NPW**

Nitrite

**Method: SM4500NO3-F,2000**

**Matrix Type: NPW**

Nitrate

Nitrate-nitrite (as N)

**Method: SM4500P-E,1999**

**Matrix Type: NPW**

Orthophosphate (as P)

Phosphorus

**Method: SM4500S2-F,2000**

**Matrix Type: NPW**

Sulfide

**Method: SM4500SO4-E,1997**

**Matrix Type: NPW**

Sulfate

**Method: SM5210B,2001**

**Matrix Type: NPW**

Biochemical Oxygen Demand (BOD)

Carbonaceous Biochemical Oxygen Demand (CBOI)

**Method: SM5310C,2000**

**Matrix Type: NPW**

Total Organic Carbon (TOC)

**Method: SM5540C,2000**

**Matrix Type: NPW**

Surfactants

**Method: USEPA120.1,1982**

**Matrix Type: NPW**

Specific Conductance

**Method: USEPA160.4,1971**

**Matrix Type: NPW**

Residue (Volatile)

**Method: USEPA1631E**

**Matrix Type: NPW**

**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
 3352 128th Avenue  
 Holland, MI 49424-9263

**FOT Name: Non Potable Water, Inorganic**

**Method: USEPA1631E**

**Matrix Type: NPW**

Mercury

**Method: USEPA1664A**

**Matrix Type: NPW**

Oil and Grease

**Method: USEPA200.7,1994**

**Matrix Type: NPW**

Aluminum

Antimony

Arsenic

Barium

Beryllium

Boron

Cadmium

Calcium

Chromium

Cobalt

Copper

Hardness (calc.)

Iron

Lead

Magnesium

Manganese

Molybdenum

Nickel

Potassium

Selenium

Silver

Sodium

Thallium

Tin

Titanium

Vanadium

Zinc

**Method: USEPA200.8,1994**

**Matrix Type: NPW**

Aluminum

Antimony

Arsenic

Barium

Beryllium

Boron

Cadmium

Calcium

Chromium

Cobalt

Copper

Iron

Lead

Magnesium

Manganese

Molybdenum

Nickel

Potassium

Selenium

Silver

Sodium

Thallium

Tin

Titanium

**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
 3352 128th Avenue  
 Holland, MI 49424-9263

**FOT Name: Non Potable Water, Inorganic**

**Method: USEPA200.8,1994**

**Matrix Type: NPW**

Vanadium

Zinc

**Method: USEPA245.1R3.0,1994**

**Matrix Type: NPW**

Mercury

**Method: USEPA300.0R2.1,1993**

**Matrix Type: NPW**

Bromide

Chloride

Fluoride

Nitrate

Nitrate-Nitrite (sum)

Nitrite

Sulfate

**Method: USEPA335.4R1.0,1993**

**Matrix Type: NPW**

Cyanide

**Method: USEPA350.1R2.0,1993**

**Matrix Type: NPW**

Ammonia

**Method: USEPA351.2R2.0,1993**

**Matrix Type: NPW**

Total Kjeldahl Nitrogen

**Method: USEPA353.2R2.0,1993**

**Matrix Type: NPW**

Nitrate

Nitrate-nitrite (as N)

Nitrite (as N)

**Method: USEPA365.1R2.0,1993**

**Matrix Type: NPW**

Orthophosphate (as P)

Phosphorus

**Method: USEPA410.4R2.0,1993**

**Matrix Type: NPW**

Chemical Oxygen Demand (COD)

**Method: USEPA420.4R1.0,1993**

**Matrix Type: NPW**

Phenolics

**FOT Name: Non Potable Water, Organic**

**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
3352 128th Avenue  
Holland, MI 49424-9263

**FOT Name: Non Potable Water, Organic**

**Method: USEPA608**

**Matrix Type: NPW**

4,4'-DDD	4,4'-DDE
4,4'-DDT	Aldrin
alpha-BHC	beta-BHC
Chlordane	delta-BHC
Dieldrin	Endosulfan I
Endosulfan II	Endosulfan sulfate
Endrin	Endrin aldehyde
gamma-BHC (Lindane)	Heptachlor
Heptachlor epoxide	PCB-1016
PCB-1221	PCB-1232
PCB-1242	PCB-1248
PCB-1254	PCB-1260
Toxaphene	

**Method: USEPA624**

**Matrix Type: NPW**

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-Chloroethylvinyl ether	Acrylonitrile
Benzene	Bromodichloromethane
Bromoform	Bromomethane
Carbon tetrachloride	Chlorobenzene
Chloroethane	Chloroform
Chloromethane	cis-1,3-Dichloropropene
Dibromochloromethane	Dichloromethane (Methylene chloride)
Ethylbenzene	Tetrachloroethene
Toluene	trans-1,2-Dichloroethene
trans-1,3-Dichloropropene	Trichloroethene
Trichlorofluoromethane	Vinyl chloride

**Method: USEPA625**

**Matrix Type: NPW**

**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
3352 128th Avenue  
Holland, MI 49424-9263

**FOT Name: Non Potable Water, Organic**

**Method: USEPA625**

**Matrix Type: NPW**

2,4,5-Trichlorophenol  
2,4-Dichlorophenol  
2,4-Dinitrophenol  
2,6-Dinitrotoluene (2,6-DNT)  
2-Chlorophenol  
2-Nitrophenol  
4-Bromophenyl phenyl ether  
4-Chlorophenyl phenyl ether  
Acenaphthene  
Anthracene  
Benzo(a)anthracene  
Benzo(b)fluoranthene  
Benzo(k)fluoranthene  
Bis(2-chloroethoxy) methane  
Bis(2-ethylhexyl) phthalate  
Dibenz(a,h)anthracene  
Dimethyl phthalate  
Di-n-octyl phthalate  
Fluorene  
Hexachlorobutadiene  
Hexachloroethane  
Isophorone  
Nitrobenzene  
N-Nitrosodi-n-propylamine  
Pentachlorophenol  
Phenol

1,2,4-Trichlorobenzene  
2,4,6-Trichlorophenol  
2,4-Dimethylphenol  
2,4-Dinitrotoluene (2,4-DNT)  
2-Chloronaphthalene  
2-Methyl-4,6-dinitrophenol  
3,3'-Dichlorobenzidine  
4-Chloro-3-methylphenol  
4-Nitrophenol  
Acenaphthylene  
Benzidine  
Benzo(a)pyrene  
Benzo(g,h,i)perylene  
Benzyl butyl phthalate  
Bis(2-chloroethyl) ether  
Chrysene  
Diethyl phthalate  
Di-n-butyl phthalate  
Fluoranthene  
Hexachlorobenzene  
Hexachlorocyclopentadiene  
Indeno(1,2,3-cd) pyrene  
Naphthalene  
N-Nitrosodimethylamine  
N-Nitrosodiphenylamine  
Phenanthrene  
Pyrene

**FOT Name: Solid and Chemical Materials, Inorganic**

**Method: 1010A**

**Matrix Type: SCM**

Ignitability

**Method: 1311**

**Matrix Type: NPW/SCM**

TCLP (Organic and Inorganic)



**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
3352 128th Avenue  
Holland, MI 49424-9263

**FOT Name: Solid and Chemical Materials, Inorganic**

**Method: 1312**

**Matrix Type: NPW/SCM**

Synthetic Precipitation Leaching Procedure

**Method: 6010C**

**Matrix Type: NPW/SCM**

Aluminum	Antimony
Arsenic	Barium
Beryllium	Boron
Cadmium	Calcium
Chromium	Cobalt
Copper	Iron
Lead	Lithium
Magnesium	Manganese
Molybdenum	Nickel
Potassium	Selenium
Silver	Sodium
Strontium	Thallium
Tin	Titanium
Vanadium	Zinc

**Method: 6020A**

**Matrix Type: NPW/SCM**

Aluminum	Antimony
Arsenic	Barium
Beryllium	Boron
Cadmium	Calcium
Chromium	Cobalt
Copper	Iron
Lead	Magnesium
Manganese	Molybdenum
Nickel	Potassium
Selenium	Silver
Sodium	Thallium
Vanadium	Zinc

**Method: 7196A**

**Matrix Type: NPW/SCM**

**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
3352 128th Avenue  
Holland, MI 49424-9263

**FOT Name: Solid and Chemical Materials, Inorganic**

**Method: 7196A**

**Matrix Type: NPW/SCM**

Chromium VI

**Method: 7470A**

**Matrix Type: NPW**

Mercury

**Method: 7471B**

**Matrix Type: SCM**

Mercury

**Method: 9012B**

**Matrix Type: NPW/SCM**

Cyanide

**Method: 9014**

**Matrix Type: NPW**

Cyanide

**Method: 9034**

**Matrix Type: SCM**

Sulfides

**Method: 9040C**

**Matrix Type: NPW**

Hydrogen Ion (pH)

**Method: 9045D**

**Matrix Type: NPW/SCM**

Hydrogen Ion (pH)

**Method: 9050A**

**Matrix Type: NPW**

Specific Conductance

**Method: 9056A**

**Matrix Type: NPW/SCM**

Bromide

Chloride

Fluoride

Nitrate

Nitrite

Sulfate

**Method: 9060A**

**Matrix Type: NPW**

Total Organic Carbon (TOC)

**Method: 9066**

**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
3352 128th Avenue  
Holland, MI 49424-9263

**FOT Name: Solid and Chemical Materials, Inorganic**

**Method: 9066**

**Matrix Type: NPW/SCM**

Phenolics

**Method: 9071B**

**Matrix Type: SCM**

Oil and Grease Extractable

**Method: 9095B**

**Matrix Type: SCM**

Paint Filter

**FOT Name: Solid and Chemical Materials, Organic**

**Method: 8011**

**Matrix Type: NPW**

1,2-Dibromo-3-chloropropane (DBCP)

1,2-Dibromoethane (EDB)

**Method: 8015C**

**Matrix Type: NPW**

Ethanol

Isopropyl alcohol (2-Propanol)

Methanol

t-Butyl alcohol (TBA)

**Method: 8015D**

**Matrix Type: NPW/SCM**

Diesel range organics (DRO)

Gasoline range organics (GRO)

**Method: 8081A**

**Matrix Type: NPW/SCM**

4,4'-DDD

4,4'-DDE

4,4'-DDT

Aldrin

alpha-BHC

alpha-Chlordane

beta-BHC

Chlordane - not otherwise specified

delta-BHC

Dieldrin

Endosulfan I

Endosulfan II

Endosulfan sulfate

Endrin

Endrin aldehyde

Endrin ketone

gamma-BHC (Lindane)

gamma-Chlordane

Heptachlor

Heptachlor epoxide

Methoxychlor

Toxaphene

**Method: 8081B**

**Matrix Type: NPW/SCM**

**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
3352 128th Avenue  
Holland, MI 49424-9263

**FOT Name: Solid and Chemical Materials, Organic**

**Method: 8081B**

**Matrix Type: NPW/SCM**

4,4'-DDE

alpha-BHC

beta-BHC

delta-BHC

Endosulfan I

Endosulfan sulfate

Endrin aldehyde

gamma-BHC (Lindane)

Heptachlor

Methoxychlor

4,4'-DDD

4,4'-DDT

alpha-Chlordane

Chlordane - not otherwise specified

Dieldrin

Endosulfan II

Endrin

Endrin ketone

gamma-Chlordane

Heptachlor epoxide

Toxaphene

**Method: 8082**

**Matrix Type: NPW/SCM**

PCB-1016

PCB-1232

PCB-1248

PCB-1260

PCB-1221

PCB-1242

PCB-1254

**Method: 8082A**

**Matrix Type: NPW/SCM**

PCB-1016

PCB-1232

PCB-1248

PCB-1260

PCB-1221

PCB-1242

PCB-1254

**Method: 8141B**

**Matrix Type: NPW**

Dimethoate

Famphur

Parathion methyl

Sulfotepp

Disulfoton

Parathion ethyl

Phorate

Thionazine (Zinophos)

**Method: 8151A**

**Matrix Type: NPW/SCM**

2,4,5-T

2,4-D

2,4,5-TP (Silvex)

**Method: 8260B**

**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
3352 128th Avenue  
Holland, MI 49424-9263

**FOT Name: Solid and Chemical Materials, Organic**

**Method: 8260B**

**Matrix Type: NPW/SCM**

1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane
1,1,1,2-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
1,4-Dioxane	2,2-Dichloropropane
2-Butanone (Methyl ethyl ketone, MEK)	2-Chloro-1,3-butadiene (Chloroprene)
2-Chloroethyl vinyl ether	2-Chlorotoluene
2-Hexanone	2-Methyl-1-propanol (Isobutyl alcohol)
2-Methylnaphthalene	4-Chlorotoluene
4-Methyl-2-pentanone (Methyl isobutyl ketone, MIBK)	Acetone
Acetonitrile	Acrolein (Propenal)
Acrylonitrile	Allyl chloride
Benzene	Benzyl chloride
Bromobenzene	Bromochloromethane
Bromodichloromethane	Bromoform
Bromomethane	Carbon disulfide
Carbon tetrachloride	Chlorobenzene
Chlorodibromomethane (Dibromochloromethane)	Chloroethane
Chloroform	Chloromethane
Chloroprene	cis-1,2-Dichloroethene
cis-1,3-Dichloropropene	Dibromomethane
Dichlorodifluoromethane	Dichloromethane (Methylene chloride)
Diethyl ether	Ethyl acetate
Ethyl methacrylate	Ethylbenzene
Hexachlorobutadiene	Hexachloroethane
Isopropylbenzene	m&p-xylene
Methacrylonitrile	Methyl ethyl ketone
Methyl iodide (Iodmethane)	Methyl isobutyl ketone

**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
3352 128th Avenue  
Holland, MI 49424-9263

**FOT Name: Solid and Chemical Materials, Organic**

**Method: 8260B**

**Matrix Type: NPW/SCM**

Methyl-t-butyl ether  
n-Butanol  
n-Propylbenzene  
sec-Butylbenzene  
t-Butyl alcohol  
Tetrachloroethene  
Toluene  
trans-1,3-Dichloropropene  
Trichloroethene  
Vinyl acetate  
Xylenes (total)

Methyl methacrylate  
Naphthalene  
n-Butylbenzene  
o-Xylene  
Styrene  
tert-Butylbenzene  
Tetrahydrofuran  
trans-1,2-Dichloroethene  
trans-1,4-Dichloro-2-butene  
Trichlorofluoromethane  
Vinyl chloride

**Matrix Type: SCM**

1,3,5-TCB

**Method: 8260C**

**Matrix Type: NPW/SCM**

1,1,1,2-Tetrachloroethane  
1,1,2,2-Tetrachloroethane  
1,1-Dichloroethane  
1,1-Dichloropropene  
1,2,3-Trichloropropane  
1,2,4-Trimethylbenzene  
1,2-Dibromoethane  
1,2-Dichloroethane  
1,3,5-Trimethylbenzene  
1,3-Dichloropropane  
1,4-Dioxane  
2-Butanone (MEK)  
2-Chlorotoluene  
2-Nitropropane  
4-Methyl-2-pentanone (MIBK)  
Acetonitrile  
Acrylonitrile  
Benzene  
Bromobenzene

1,1,1-Trichloroethane  
1,1,2-Trichloroethane  
1,1-Dichloroethene  
1,2,3-Trichlorobenzene  
1,2,4-Trichlorobenzene  
1,2-Dibromo-3-chloropropane  
1,2-Dichlorobenzene  
1,2-Dichloropropane  
1,3-Dichlorobenzene  
1,4-Dichlorobenzene  
2,2-Dichloropropane  
2-Chloroethyl vinyl ether  
2-Hexanone  
4-Chlorotoluene  
Acetone  
Acrolein (Propenal)  
Allyl chloride  
Benzyl chloride  
Bromochloromethane

**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
 3352 128th Avenue  
 Holland, MI 49424-9263

**FOT Name: Solid and Chemical Materials, Organic**

**Method: 8260C**

**Matrix Type: NPW/SCM**

Bromoform  
 Carbon disulfide  
 Chlorobenzene  
 Chloroethane  
 Chloromethane  
 cis-1,2-Dichloroethene  
 Dibromomethane  
 Diethyl ether  
 Ethyl acetate  
 Ethyl tert-butyl ether (ETBE)  
 Hexachlorobutadiene  
 Isobutyl alcohol  
 m&p-xylene  
 Methyl methacrylate  
 Methylcyclohexane  
 Naphthalene  
 n-Propylbenzene  
 p-Isopropyltoluene  
 sec-Butylbenzene  
 t-Amyl methyl ether (TAME)  
 tert-Butylbenzene  
 Toluene  
 trans-1,3-Dichloropropene  
 Trichloroethene  
 Vinyl acetate  
 Xylenes (total)

Bromodichloromethane  
 Bromomethane  
 Carbon tetrachloride  
 Chlorodibromomethane  
 Chloroform  
 Chloroprene  
 cis-1,3-Dichloropropene  
 Dichlorodifluoromethane  
 Diisopropyl ether (DIPE)  
 Ethyl methacrylate  
 Ethylbenzene  
 Iodomethane  
 Isopropylbenzene  
 Methacrylonitrile  
 Methyl tert-butyl ether (MTBE)  
 Methylene chloride  
 n-Butylbenzene  
 o-Xylene  
 Propionitrile (ethyl cyanide)  
 Styrene  
 t-Butyl alcohol  
 Tetrachloroethene  
 trans-1,2-Dichloroethene  
 trans-1,4-Dichloro-2-butene  
 Trichlorofluoromethane  
 Vinyl chloride

**Method: 8270C**

**Matrix Type: NPW**

o-Toluidine

**Matrix Type: NPW/SCM**

1,2,4-Trichlorobenzene  
 1,3-Dichlorobenzene  
 1,4-Dioxane  
 2,4,6-Trichlorophenol

1,2-Dichlorobenzene  
 1,4-Dichlorobenzene  
 2,4,5-Trichlorophenol  
 2,4-Dichlorophenol

**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
 3352 128th Avenue  
 Holland, MI 49424-9263

**FOT Name: Solid and Chemical Materials, Organic**

**Method: 8270C**

**Matrix Type: NPW/SCM**

2,4-Dinitrophenol  
 2,6-Dichlorophenol  
 2-Chloronaphthalene  
 2-Methylnaphthalene  
 2-Nitroaniline  
 3,3'-Dichlorobenzidine  
 3-Nitroaniline  
 4-Bromophenyl phenyl ether  
 4-Chloroaniline  
 4-Methylphenol (p-Cresol)  
 4-Nitrophenol  
 Acenaphthylene  
 Anthracene  
 Benzo(a)pyrene  
 Benzo(g,h,i)perlyene  
 Bis(2-chloroethoxy) methane  
 Bis(2-ethylhexyl) phthalate  
 Chrysene  
 Dibenzofuran  
 Dimethyl phthalate  
 Di-n-octyl phthalate  
 Fluorene  
 Hexachlorobutadiene  
 Hexachloroethane  
 Isophorone  
 Naphthalene  
 N-Nitrosodimethylamine  
 N-Nitrosodiphenylamine  
 Pentachlorophenol  
 Phenol  
 Pyridine

2,4-Dimethylphenol  
 2,4-Dinitrotoluene (2,4-DNT)  
 2,6-Dinitrotoluene (2,6-DNT)  
 2-Chlorophenol  
 2-Methylphenol (o-Cresol)  
 2-Nitrophenol  
 3-Methylphenol (m-Cresol)  
 4,6-Dinitro-2-methylphenol  
 4-Chloro-3-methylphenol  
 4-Chlorophenyl phenyl ether  
 4-Nitroaniline  
 Acenaphthene  
 Aniline  
 Benzo(a)anthracene  
 Benzo(b)fluoranthene  
 Benzo(k)fluoranthene  
 Bis(2-chloroethyl) ether  
 Butyl benzyl phthalate  
 Dibenz(a,h)anthracene  
 Diethyl phthalate  
 Di-n-butyl phthalate  
 Fluoranthene  
 Hexachlorobenzene  
 Hexachlorocyclopentadiene  
 Indeno(1,2,3-cd) pyrene  
 m-Cresol (3-Methylphenol)  
 Nitrobenzene  
 N-Nitrosodi-n-propylamine  
 p-Cresol (4-Methylphenol)  
 Phenanthrene  
 Pyrene

**Method: 8270D**

**Matrix Type: NPW/SCM**

1,2,4,5-Tetrachlorobenzene

1,2,4-Trichlorobenzene



**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
3352 128th Avenue  
Holland, MI 49424-9263

**FOT Name: Solid and Chemical Materials, Organic**

**Method: 8270D**

**Matrix Type: NPW/SCM**

1,2-Dinitrobenzene	1,2-Dichlorobenzene
1,3,5-Trinitrobenzene (1,3,5-TNB)	1,2-Diphenylhydrazine
1,3-Dinitrobenzene (1,3-DNB)	1,3-Dichlorobenzene
1,4-Dinitrobenzene	1,4-Dichlorobenzene
1,4-Naphthoquinone	1,4-Dioxane
1-Naphthylamine	1-Methylnaphthalene
2,3,4,6-Tetrachlorophenol	2,2-Oxybis (1-chloropropane)
2,4,6-Trichlorophenol	2,4,5-Trichlorophenol
2,4-Dimethylphenol	2,4-Dichlorophenol
2,4-Dinitrotoluene (2,4-DNT)	2,4-Dinitrophenol
2,6-Dinitrotoluene (2,6-DNT)	2,6-Dichlorophenol
2-Chloronaphthalene	2-Acetylamino fluorene
2-Methylnaphthalene	2-Chlorophenol
2-Methylpyridine (2-Picoline)	2-Methylphenol (o-Cresol)
2-Nitroaniline	2-Naphthylamine
3,3'-Dichlorobenzidine	2-Nitrophenol
3-Methylcholanthrene	3,3'-Dimethylbenzidine
3-Nitroaniline	3-Methylphenol (m-Cresol)
4-Aminobiphenyl	4,6-Dinitro-2-methylphenol
4-Chloro-3-methylphenol	4-Bromophenyl phenyl ether
4-Chlorophenyl phenyl ether	4-Chloroaniline
4-Nitroaniline	4-Methylphenol (p-Cresol)
5-Nitro-o-toluidine	4-Nitrophenol
Acenaphthene	7,12-Dimethylbenz(a)anthracene
Acetophenone	Acenaphthylene
Aniline	alpha,alpha-Dimethylphenethylamine
Aramite	Anthracene
Benzo(a)anthracene	Benzidine
Benzo(b)fluoranthene	Benzo(a)pyrene
Benzo(k)fluoranthene	Benzo(g,h,i)perylene
Benzyl alcohol	Benzoic acid
Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane
Bis(2-ethylhexyl) phthalate	Bis(2-chloroisopropyl) ether
Carbazole	Butyl benzyl phthalate
	Chlorobenzilate

**State of Illinois**  
**Environmental Protection Agency**  
**Awards the Certificate of Approval**

Certificate No.: 004316

ALS Environmental - MI  
3352 128th Avenue  
Holland, MI 49424-9263

**FOT Name: Solid and Chemical Materials, Organic**

**Method: 8270D**

**Matrix Type: NPW/SCM**

Diallate  
Dibenzofuran  
Dimethyl phthalate  
Di-n-butyl phthalate  
Dinoseb  
Ethyl methanesulfonate  
Fluorene  
Hexachlorobutadiene  
Hexachloroethane  
Indeno(1,2,3-cd) pyrene  
Isophorone  
Kepone  
Methapyrilene  
Naphthalene  
N-Nitrosodiethylamine  
N-Nitrosodi-n-butylamine (N-Nitrosodibutylamine)  
N-Nitrosodiphenylamine  
N-Nitrosomorpholine  
N-Nitrosopyrrolidine  
p-Cresol (4-Methylphenol)  
Pentachlorobenzene  
Pentachlorophenol  
Phenanthrene  
Pronamide  
Pyridine

Chrysene  
Dibenz(a,h)anthracene  
Diethyl phthalate  
Dimethylaminoazobenzene  
Di-n-octyl phthalate  
Diphenylamine  
Fluoranthene  
Hexachlorobenzene  
Hexachlorocyclopentadiene  
Hexachloropropene  
Isodrin  
Isosafrole  
m-Cresol (3-Methylphenol)  
Methyl methanesulfonate  
Nitrobenzene  
N-Nitrosodimethylamine  
N-Nitrosodi-n-propylamine  
N-Nitrosomethylethylamine  
N-Nitrosopiperidine  
o-Cresol (2-Methylphenol)  
p-Dimethylaminoazobenzene  
Pentachloronitrobenzene  
Phenacetin  
Phenol  
Pyrene  
Safrole