

*State of Illinois*  
*Environmental Protection Agency*

Certificate No.:

002497

Awards the Certificate of Approval

Fibertec, Incorporated  
1914 Holloway Drive  
Holt, MI 48842

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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.

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*Hazardous and Solid Waste, Inorganic*

1010

Ignitability

1030

Ignitability of Solids

1311

TCLP (Organic and Inorganic)

1312

Synthetic Precipitation Leaching Procedure

6010B

Calcium

Iron

Magnesium

Potassium

Sodium

6020

Aluminum

Antimony

Arsenic

Barium

Beryllium

Cadmium

Chromium

Cobalt

Copper

Lead

Manganese

Molybdenum

Nickel

Selenium

Silver

Thallium

Vanadium

Zinc

6020A

Aluminum

Antimony

Arsenic

Barium

Beryllium

Boron

Cadmium

Chromium

Cobalt

Copper

Lead

Manganese

Molybdenum

Nickel

Selenium

Silver

Thallium

Vanadium

Zinc

7196A

Chromium VI

7470A

Mercury

7471A

Mercury

9013

Cyanide

9014

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9014

Cyanide

9040C

Hydrogen Ion (pH)

9045C

Hydrogen Ion (pH)

9050A

Specific Conductance

9056

Bromide

Chloride

Fluoride

Nitrate

Nitrite

Phosphate

Sulfate

9060

Total Organic Carbon (TOC)

9065

Phenolics

9095A

Paint Filter

*Chapter 7/9014*

Reactive Cyanide

*Chapter 7/9034*

Reactive Sulfide

*Hazardous and Solid Waste, Organic*

8015B

1-Butanol (n-Butyl alcohol)

1-Propanol

2-Methyl-1-propanol (Isobutyl alcohol)

2-Propanol (Isopropyl alcohol)

Diesel range organics (DRO)

Ethanol

Ethyl acetate

Ethylene glycol

Gasoline range organics (GRO)

Methanol

t-Butyl alcohol

8081A

4,4'-DDD

4,4'-DDE

4,4'-DDT

Alachlor

Aldrin

alpha-BHC

beta-BHC

Chlordane - not otherwise specified

delta-BHC

Dieldrin

Endosulfan I

Endosulfan II

Endosulfan sulfate

Endrin

Endrin aldehyde

gamma-BHC (Lindane)

Heptachlor

Heptachlor epoxide

Methoxychlor

Toxaphene

8081B

4,4'-DDD

4,4'-DDE

4,4'-DDT

Alachlor

Aldrin

alpha-BHC

beta-BHC

Chlordane - not otherwise specified

delta-BHC

Dieldrin

Endosulfan I

Endosulfan II

Endosulfan sulfate

Endrin

Endrin aldehyde

gamma-BHC (Lindane)

Heptachlor

Heptachlor epoxide

Methoxychlor

Toxaphene

8082

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<i>Hazardous and Solid Waste, Organic</i>	<i>8082</i>	PCB-1016
PCB-1221	PCB-1232	PCB-1242
PCB-1248	PCB-1254	PCB-1260
<i>8082A</i>		
PCB-1016	PCB-1221	PCB-1232
PCB-1242	PCB-1248	PCB-1254
PCB-1260		
<i>8151A</i>		
2,4,5-T	2,4,5-TP (Silvex)	2,4-D
2,4-DB	Dalapon	Dicamba
Dichloroprop	Dinoseb	
<i>8260B</i>		
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	1,4-Difluorobenzene
2,2-Dichloropropane	2-Butanone (Methyl ethyl ketone, MEK)	2-Chloroethyl vinyl ether
2-Chlorotoluene	2-Hexanone	4-Bromofluorobenzene
4-Chlorotoluene	4-Methyl-2-pentanone (Methyl isobutyl ketone, MIBK)	Acetone
Acetonitrile	Acrolein (Propenal)	Acrylonitrile
Benzene	Bromobenzene	Bromochloromethane
Bromodichloromethane	Bromoform	Bromomethane
Carbon disulfide	Carbon tetrachloride	Chlorobenzene
Chlorodibromomethane (Dibromochloromethane)	Chloroethane	Chloroform
Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene
Dibromofluoromethane	Dibromomethane	Dichlorodifluoromethane
Dichloromethane (Methylene chloride)	Diethyl ether	Ethyl ether
Ethylbenzene	Hexachloroethane	Isopropylbenzene
Methyl ethyl ketone	Methyl iodide (Iodmethane)	Methyl isobutyl ketone
Methyl-t-butyl ether	m-Xylene	Naphthalene
n-Butylbenzene	n-Propylbenzene	o-Xylene
p-Isopropyltoluene	p-Xylene	sec-Butylbenzene
Styrene	t-Butyl alcohol	tert-Butylbenzene
Tetrachloroethene	Tetrahydrofuran	Toluene
trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene
Trichloroethene	Trichlorofluoromethane	Vinyl acetate
Vinyl chloride	Vinylidene chloride	Xylenes (Total)
<i>8270C</i>		
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-Dichlorophenol
2,6-Dinitrotoluene (2,6-DNT)	2-Chloronaphthalene	2-Chlorophenol

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*Hazardous and Solid Waste, Organic*

2-Methylphenol (o-Cresol)  
3,3'-Dichlorobenzidine  
4-Bromophenyl phenyl ether  
4-Chlorophenyl phenyl ether  
4-Nitrophenol  
Aniline  
Benzo(a)anthracene  
Benzo(g,h,i)perylene  
Bis(2-chloroethoxy) methane  
Bis(2-ethylhexyl) phthalate  
Carbazole  
Dibenzofuran  
Di-n-butyl phthalate  
Fluorene  
Hexachlorocyclopentadiene  
Isophorone  
Naphthalene  
N-Nitrosodi-n-propylamine  
p-Cresol (4-Methylphenol)  
Phenol

*8270C*

2-Nitroaniline  
3-Nitroaniline  
4-Chloro-3-methylphenol  
4-Methylphenol (p-Cresol)  
Acenaphthene  
Anthracene  
Benzo(a)pyrene  
Benzo(k)fluoranthene  
Bis(2-chloroethyl) ether  
Butyl benzyl phthalate  
Chrysene  
Diethyl phthalate  
Di-n-octyl phthalate  
Hexachlorobenzene  
Hexachloroethane  
m-Cresol (3-Methylphenol)  
Nitrobenzene  
N-Nitrosodiphenylamine  
Pentachlorophenol  
Pyrene

2-Methylnaphthalene  
2-Nitrophenol  
4,6-Dinitro-2-methylphenol  
4-Chloroaniline  
4-Nitroaniline  
Acenaphthylene  
Benzidine  
Benzo(b)fluoranthene  
Benzyl alcohol  
Bis(2-chloroisopropyl) ether  
Captan  
Dibenz(a,h)anthracene  
Dimethyl phthalate  
Fluoranthene  
Hexachlorobutadiene  
Indeno(1,2,3-cd) pyrene  
m-Dinitrobenzene  
N-Nitrosodimethylamine  
o-Cresol (2-Methylphenol)  
Phenanthrene  
Pyridine

*Wastewater, Inorganic*

*HACH8000*

Chemical Oxygen Demand (COD)

*SM2320B,20Ed*

Alkalinity

*SM2510B,20Ed*

Specific Conductance

*SM2540B,20Ed*

Residue (Total)

*SM2540C,20Ed*

Residue (TDS)

*SM2540D,20Ed*

Residue (TSS)

*SM3500Cr-B,20Ed*

Chromium VI

*SM4500Cl-G,20Ed*

Chlorine

*SM4500NH3-D,20Ed*

Ammonia

*SM4500O-G,20Ed*

Oxygen - Dissolved

*SM5210B,20Ed*

Biochemical Oxygen Demand (BOD)

Carbonaceous Biochemical Oxygen Demand (C

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*Wastewater, Inorganic*

*USEPA120.1*

Specific Conductance

*USEPA150.1*

Hydrogen Ion (pH)

*USEPA160.1*

Residue (TDS)

*USEPA160.2*

Residue (TSS)

*USEPA160.3*

Residue (Total)

*USEPA160.4*

Residue (Volatile)

*USEPA1631E*

Mercury

*USEPA1664R4\_95*

Oil and Grease

*USEPA1664RA*

Oil and Grease

*USEPA170.1*

Temperature

*USEPA200.7*

Calcium

Hardness (calc.)

Iron

Magnesium

Potassium

Sodium

*USEPA200.7R4.4*

Calcium

Hardness (calc.)

Iron

Magnesium

Potassium

Sodium

*USEPA200.8R5.4*

Aluminum

Antimony

Arsenic

Barium

Beryllium

Boron

Cadmium

Chromium

Cobalt

Copper

Lead

Manganese

Molybdenum

Nickel

Selenium

Silver

Thallium

Tin

Vanadium

Zinc

*USEPA245.1R3.0*

Mercury

*USEPA300.0R2.1*

Bromide

Chloride

Fluoride

Nitrate

Nitrate-Nitrite (sum)

Nitrite

Orthophosphate (as P)

Sulfate

*USEPA310.2*

Alkalinity

*USEPA330.5*

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<i>Wastewater, Inorganic</i>	<i>USEPA330.5</i>	Chlorine
<i>USEPA335.1</i>		
Cyanide, Amenable		
<i>USEPA350.3</i>		
Ammonia		
<i>USEPA360.1</i>		
Oxygen		
<i>USEPA365.3</i>		
Phosphorus		
<i>USEPA405.1</i>		
Biochemical Oxygen Demand (BOD)		
<i>USEPA410.4R2.0</i>		
Chemical Oxygen Demand (COD)		
<i>USEPA415.1</i>		
Total Organic Carbon (TOC)		
<i>USEPA420.1</i>		
Phenolics		
<i>Wastewater, Organic</i>		
<i>USEPA608</i>		
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	Methoxychlor
PCB-1016	PCB-1221	PCB-1232
PCB-1242	PCB-1248	PCB-1254
PCB-1260	Toxaphene	
<i>USEPA624</i>		
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	Acetonitrile
Acrolein (Propenal)	Acrylonitrile	Benzene
Bromodichloromethane	Bromoform	Bromomethane
Carbon tetrachloride	Chlorobenzene	Chloroethane
Chloroform	Chloromethane	cis-1,3-Dichloropropene
Dibromochloromethane	Dichloromethane (Methylene chloride)	Ethylbenzene
Methyl tert-butyl ether (MTBE)	Tetrachloroethene	Toluene
trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene
Trichlorofluoromethane	Vinyl chloride	Xylenes (total)
<i>USEPA625</i>		
1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene
1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol

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*Wastewater, Organic*

2,4-Dimethylphenol  
2,6-Dinitrotoluene (2,6-DNT)  
2-Methyl-4,6-dinitrophenol  
4-Bromophenyl phenyl ether  
4-Nitrophenol  
Anthracene  
Benzo(a)pyrene  
Benzo(k)fluoranthene  
Bis(2-chloroethyl) ether  
Dibenz(a,h)anthracene  
Di-n-butyl phthalate  
Fluorene  
Hexachlorocyclopentadiene  
Isophorone  
N-Nitrosodimethylamine  
Pentachlorophenol  
Pyrene

*USEPA625*

2,4-Dinitrophenol  
2-Chloronaphthalene  
2-Nitrophenol  
4-Chloro-3-methylphenol  
Acenaphthene  
Benzidine  
Benzo(b)fluoranthene  
Benzyl butyl phthalate  
Bis(2-ethylhexyl) phthalate  
Diethyl phthalate  
Di-n-octyl phthalate  
Hexachlorobenzene  
Hexachloroethane  
Naphthalene  
N-Nitrosodi-n-propylamine  
Phenanthrene

2,4-Dichlorophenol  
2,4-Dinitrotoluene (2,4-DNT)  
2-Chlorophenol  
3,3'-Dichlorobenzidine  
4-Chlorophenyl phenyl ether  
Acenaphthylene  
Benzo(a)anthracene  
Benzo(g,h,i)perylene  
Bis(2-chloroethoxy) methane  
Chrysene  
Dimethyl phthalate  
Fluoranthene  
Hexachlorobutadiene  
Indeno(1,2,3-cd) pyrene  
Nitrobenzene  
N-Nitrosodiphenylamine  
Phenol