



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CT LABORATORIES  
 1230 Lange Court  
 Baraboo, WI, 53913  
 Colleen Stieve Phone: (608) 356 2760

ENVIRONMENTAL

Valid To: August 31, 2018

Certificate Number: 3806.01

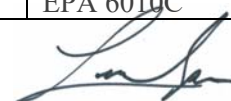
In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with ISO IEC 17025:2005, the 2009 TNI Standard, and the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.0 of the DoD Quality Systems Manual for Environmental Laboratories) accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below:

Testing Technologies

Atomic Absorption/ICP-AES Spectrometry, Gas Chromatography, Gas Chromatography/Mass Spectrometry, Gravimetry, High Performance Liquid Chromatography, Ion Chromatography, Misc.- Assay, Electronic Probes (pH, O<sub>2</sub>), Oxygen Demand, Hazardous Waste Characteristics Tests, Spectrophotometry (Visible), Spectrophotometry (Automated), IR Spectrometry, Titrimetry, Total Organic Carbon, Turbidity

<u>Parameter/Analyte</u>	<u>Bio Tissue</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
<b>Classical Chemistry</b>			
Alkalinity	-----	EPA 310.2	-----
Ammonia (as N)	-----	EPA 350.1 SM 4500-NH3 H	EPA350.1 SM 4500-NH3 H
Bromide	-----	EPA 300.0/9056A SM 4110 B	EPA 9056A
Biological Oxygen Demand	-----	SM5210B	-----
Chemical Oxygen Demand	-----	EPA 410.4	EPA 410.4 SM 5220D
Chloride	-----	EPA 300.0/9056A SM 4110 B	EPA 9056A
Chloride, Residual	-----	SM 4500CL G	-----
Chlorophyll a	-----	SM 10200H	-----
Conductivity	-----	EPA 9050A	-----
Cyanide	-----	EPA 9010/9012	EPA 9012
Fluoride	-----	EPA 300.0/9056A SM 4110B	EPA 9056A
Hardness	-----	EPA 6010C SM 2340 B	-----

<b>Parameter/Analyte</b>	<b>Bio Tissue</b>	<b>Nonpotable Water</b>	<b>Solid Hazardous Waste</b>
Nitrate + Nitrite	-----	EPA 300.0/353.2/9056 A SM 4110 B	EPA 9056A
Nitrate (as N)	-----	EPA 300.0/9056A SM 4110 B	EPA 9056A
Nitrite (as N)	-----	EPA 300.0/9056A SM 4110 B	EPA 9056A
Nitrogen, Total Kjeldahl	-----	EPA 351.2	EPA 351.2
Orthophosphate (as P)	-----	EPA 300.0/9056A SM 4110 B	EPA 9056A
Phosphorus, Total	-----	EPA 365.1/365.4	EPA 365.1/365.4
Organic Carbon, Total	-----	EPA 415.1/9060A	EPA 9060A/Lloyd Kahn SM 5310B
Oil and Grease / HEM	-----	EPA 1664A	EPA 9070A/9071B
pH	-----	EPA 150.1/9040C SM 4500H <sup>+</sup> B	EPA 9045D
Phenols	-----	EPA 9066	EPA 9066
Residue, Total	-----	SM 2540B	SM 2540B
Residue Filterable	-----	SM 2540C	SM 2540C
Residue Nonfilterable	-----	EPA 160.2 SM 2540D	-----
Residue Total Volatile	-----	EPA 160.4	SM 2540G
Sulfate	-----	EPA 300.0/9056A SM 4110B	EPA 9056A
Sulfide	-----	EPA 376.1/9034 SM 4500 S <sub>2</sub> F	-----
Turbidity	-----	EPA 180.1	-----
<b>Metals</b>			
Aluminum	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Antimony	EPA 6010C	EPA 200.7/200.9/6010C/7010	EPA 6010C
Arsenic	EPA 6010C	EPA 200.7/200.9/6010C/7010	EPA 6010C/7010
Barium	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Beryllium	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Boron	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Cadmium	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Calcium	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Chromium	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Chromium +3	EPA 6010C	EPA 6010C	EPA 6010C
Chromium +6	EPA 6010C	EPA 7196A	EPA 7196A
Cobalt	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Copper	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Iron	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Iron Ferrous	-----	SM 3500 Fe B	-----
Lead	EPA 6010C	EPA 200.7/200.9/6010C/7010	EPA 6010C/7010
Lithium	-----	EPA 200.7/6010C	-----
Magnesium	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Manganese	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Mercury	EPA 7471B	EPA 245.1/7470A/245.7	EPA 7471B
Molybdenum	EPA 6010C	EPA 200.7/6010C	EPA 6010C



<b>Parameter/Analyte</b>	<b>Bio Tissue</b>	<b>Nonpotable Water</b>	<b>Solid Hazardous Waste</b>
Nickel	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Potassium	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Selenium	EPA 6010C	EPA 200.7/200.9/6010C/7010	EPA 6010C/7010
Silica	-----	EPA 6010C	EPA 6010C
Silver	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Sodium	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Strontium	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Sulfur	-----	EPA 6010C	EPA 6010C
Thallium	EPA 6010C	EPA 200.7/200.9/6010C/7010	EPA 6010C/7010
Tin	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Titanium	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Vanadium	EPA 6010C	EPA 200.7/6010C	EPA 6010C
Zinc	EPA 6010C	EPA 200.7/6010C	EPA 6010C
<b><u>Purgeable Organics</u></b> <b><u>(volatiles)</u></b> <b><u>Low Level</u></b>			
1,1,1,2-Tetrachloroethane	-----	EPA 8260C	EPA 8260C
1,1,1-Trichloroethane	-----	EPA 8260C	EPA 8260C
1,1,2,2-Tetrachloroethane	-----	EPA 8260C	EPA 8260C
1,1,2-Trichloro-1,2,2-trifluoroethane	-----	EPA 8260C	EPA 8260C
1,1,2-Trichloroethane	-----	EPA 8260C	EPA 8260C
1,1-Dichloroethane	-----	EPA 8260C	EPA 8260C
1,1-Dichloroethene	-----	EPA 8260C	EPA 8260C
1,1-Dichloropropene	-----	EPA 8260C	EPA 8260C
1,2,3-Trichlorobenzene	-----	EPA 8260C	EPA 8260C
1,2,3-Trichloropropane	-----	EPA 8260C	EPA 8260C
1,2,4-Trichlorobenzene	-----	EPA 8260C	EPA 8260C
1,2,4-Trimethylbenzene	-----	EPA 8260C	EPA 8260C
1,2-Dibromo-3-chloropropane (DBCP)	-----	EPA 8260C	EPA 8260C
1,2-Dibromomethane (EDB)	-----	EPA 8260C	EPA 8260C
1,2-Dichloro-1,1,2-trifluoroethane	-----	EPA 8260C	EPA 8260C
1,2-Dichlorobenzene	-----	EPA 8260C	EPA 8260C
1,2-Dichloroethane	-----	EPA 8260C	EPA 8260C
1,2-Dichloropropane	-----	EPA 8260C	EPA 8260C
1,3-Dichlorobenzene	-----	EPA 8260C	EPA 8260C
1,3-Dichloropropane	-----	EPA 8260C	EPA 8260C
1,3,5-Trichlorobenzene	-----	-----	EPA 8260C
1,3,5-Trimethylbenzene	-----	EPA 8260C	EPA 8260C
1,4-Dichloro-2-butene	-----	EPA 8260C	EPA 8260C
1,4-Dichlorobenzene	-----	EPA 8260C	EPA 8260C
1,4-Dioxane	-----	EPA 8260C	EPA 8260C
1-Chlorohexane	-----	EPA 8260C	EPA 8260C
2,2-Dichloropropane	-----	EPA 8260C	EPA 8260C
2,3-Dichloro-1-propene	-----	EPA 8260C	EPA 8260C
2-Butanone	-----	EPA 8260C	EPA 8260C
2-Chloroethyl vinyl ether	-----	EPA 8260C	EPA 8260C
2-Chlorotoluene	-----	EPA 8260C	EPA 8260C



<b>Parameter/Analyte</b>	<b>Bio Tissue</b>	<b>Nonpotable Water</b>	<b>Solid Hazardous Waste</b>
2-Hexanone	-----	EPA 8260C	EPA 8260C
2-Nitropropane	-----	EPA 8260C	EPA 8260C
4-Chlorotoluene	-----	EPA 8260C	EPA 8260C
4-Methyl-2-pentanone	-----	EPA 8260C	EPA 8260C
Acrylein	-----	-----	EPA 8260C
Acrylonitrile	-----	-----	EPA 8260C
Acetone	-----	EPA 8260C	EPA 8260C
Ally chloride	-----	-----	EPA 8260C
Benzene	-----	EPA 8260C	EPA 8260C
Bromobenzene	-----	EPA 8260C	EPA 8260C
Bromochloromethane	-----	EPA 8260C	EPA 8260C
Bromodichloromethane	-----	EPA 8260C	EPA 8260C
Bromoform	-----	EPA 8260C	EPA 8260C
Bromomethane	-----	EPA 8260C	EPA 8260C
Carbon disulfide	-----	EPA 8260C	EPA 8260C
Carbon tetrachloride	-----	EPA 8260C	EPA 8260C
Chlorobenzene	-----	EPA 8260C	EPA 8260C
Chloroethane	-----	EPA 8260C	EPA 8260C
Chloroform	-----	EPA 8260C	EPA 8260C
Chloromethane	-----	EPA 8260C	EPA 8260C
cis-1,2-Dichloroethene	-----	EPA 8260C	EPA 8260C
cis-1,3-Dichloropropene	-----	EPA 8260C	EPA 8260C
Cyclohexane	-----	EPA 8260C	EPA 8260C
Cyclohexanone	-----	-----	EPA 8260C
Dibromochloromethane	-----	EPA 8260C	EPA 8260C
Dibromomethane	-----	EPA 8260C	EPA 8260C
Dichlorodifluoromethane	-----	EPA 8260C	EPA 8260C
Dichlorofluoromethane	-----	EPA 8260C	EPA 8260C
Diisopropyl ether	-----	EPA 8260C	EPA 8260C
Ethyl acetate	-----	EPA 8260C	EPA 8260C
Ethyl benzene	-----	EPA 8260C	EPA 8260C
Ethyl ether	-----	EPA 8260C	EPA 8260C
Ethyl methacrylate	-----	-----	EPA 8260C
Ethyl tertiary butyl ether	-----	-----	EPA 8260C
Hexachlorobutadiene	-----	EPA 8260C	EPA 8260C
Hexane	-----	EPA 8260C	EPA 8260C
Iodomethane	-----	EPA 8260C	EPA 8260C
Isopropylbenzene	-----	EPA 8260C	EPA 8260C
Methyl acetate	-----	EPA 8260C	EPA 8260C
Methyl methacrylate	-----	EPA 8260C	EPA 8260C
Methyl tert butyl ether	-----	EPA 8260C	EPA 8260C
Methylcyclohexane	-----	EPA 8260C	EPA 8260C
Methylene chloride	-----	EPA 8260C	EPA 8260C
m & p -Xylene	-----	EPA 8260C	EPA 8260C
Naphthalene	-----	EPA 8260C	EPA 8260C
n-Butylbenzene	-----	EPA 8260C	EPA 8260C
n-Propylbenzene	-----	EPA 8260C	EPA 8260C
o-Xylene	-----	EPA 8260C	EPA 8260C



<u>Parameter/Analyte</u>	<u>Bio Tissue</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
Propylene oxide	-----	EPA 8260C	EPA 8260C
p-Isopropyltoluene	-----	EPA 8260C	EPA 8260C
sec-Butylbenzene	-----	EPA 8260C	EPA 8260C
Styrene	-----	EPA 8260C	EPA 8260C
tert-Butyl alcohol	-----	EPA 8260C	EPA 8260C
tert-Butylbenzene	-----	EPA 8260C	EPA 8260C
Tertiary amyl methyl ether	-----	-----	EPA 8260C
Tetrachloroethene	-----	EPA 8260C	EPA 8260C
Tetrahydrofuran	-----	EPA 8260C	EPA 8260C
Toluene	-----	EPA 8260C	EPA 8260C
trans-1,2-Dichloroethene	-----	EPA 8260C	EPA 8260C
trans-1,3-Dichloropropene	-----	EPA 8260C	EPA 8260C
Trichloroethene	-----	EPA 8260C	EPA 8260C
Trichlorofluoromethane	-----	EPA 8260C	EPA 8260C
Vinyl acetate	-----	EPA 8260C	EPA 8260C
Vinyl chloride	-----	EPA 8260C	EPA 8260C
Xylenes, total	-----	EPA 8260C	EPA 8260C
<b><u>Purgeable Organics</u></b> <b><u>(volatiles) Medium Level</u></b>			
1,1,1,2-Tetrachloroethane	-----	EPA 8260C	EPA 8260C
1,1,1-Trichloroethane	-----	EPA 8260C	EPA 8260C
1,1,2,2-Tetrachloroethane	-----	EPA 8260C	EPA 8260C
1,1,2-Trichloro-1,2,2-trifluoroethane	-----	EPA 8260C	EPA 8260C
1,1,2-Trichloroethane	-----	EPA 8260C	EPA 8260C
1,1-Dichloroethane	-----	EPA 8260C	EPA 8260C
1,1-Dichloroethene	-----	EPA 8260C	EPA 8260C
1,1-Dichloropropene	-----	EPA 8260C	EPA 8260C
1,2,3-Trichlorobenzene	-----	EPA 8260C	EPA 8260C
1,2,3-Trichloropropane	-----	EPA 8260C	EPA 8260C
1,2,4-Trichlorobenzene	-----	EPA 8260C	EPA 8260C
1,2,4-Trimethylbenzene	-----	EPA 8021B/8260C	EPA 8021B/8260C
1,2-Dibromo-3-chloropropane (DBCP)	-----	EPA 8260C	EPA 8260C
1,2-Dibromomethane (EDB)	-----	EPA 8260C	EPA 8260C
1,3,5-Trichlorobenzene	-----	EPA 8260C	EPA 8260C
1,3,5-Trimethylbenzene	-----	EPA 8021B/8260C	EPA 8021B/8260C
1,2-Dichloro-1,1,2-trifluoroethane	-----	EPA 8260C	EPA 8260C
1,2-Dichlorobenzene	-----	EPA 8260C	EPA 8260C
1,2-Dichloroethane	-----	EPA 8260C	EPA 8260C
1,2-Dichloropropane	-----	EPA 8260C	EPA 8260C
1,3-Dichlorobenzene	-----	EPA 8260C	EPA 8260C
1,3-Dichloropropane	-----	EPA 8260C	EPA 8260C
1,4-Dichloro-2-butene	-----	EPA 8260C	EPA 8260C
1,4-Dichlorobenzene	-----	EPA 8260C	EPA 8260C
1,4-Dioxane	-----	EPA 8260C SIM	EPA 8260C SIM
1-Chlorohexane	-----	EPA 8260C	EPA 8260C
2,2-Dichloropropane	-----	EPA 8260C	EPA 8260C
2-Butanone	-----	EPA 8260C	EPA 8260C



<b>Parameter/Analyte</b>	<b>Bio Tissue</b>	<b>Nonpotable Water</b>	<b>Solid Hazardous Waste</b>
2-Chloroethyl vinyl ether	-----	EPA 8260C	EPA 8260C
2-Chlorotoluene	-----	EPA 8260C	EPA 8260C
2-Hexanone	-----	EPA 8260C	EPA 8260C
2-Nitropropane	-----	EPA 8260C	EPA 8260C
4-Chlorotoluene	-----	EPA 8260C	EPA 8260C
4-Methyl-2-pentanone	-----	EPA 8260C	EPA 8260C
Acetone	-----	EPA 8260C	EPA 8260C
Acrylein	-----	EPA 8260C	EPA 8260C
Acrylonitrile	-----	EPA 8260C	EPA 8260C
Benzene	-----	EPA 8021B/8260C	EPA 8021B/8260C
Bromobenzene	-----	EPA 8260C	EPA 8260C
Bromochloromethane	-----	EPA 8260C	EPA 8260C
Bromodichloromethane	-----	EPA 8260C	EPA 8260C
Bromoform	-----	EPA 8260C	EPA 8260C
Bromomethane	-----	EPA 8260C	EPA 8260C
Carbon disulfide	-----	EPA 8260C	EPA 8260C
Carbon tetrachloride	-----	EPA 8260C	EPA 8260C
Chlorobenzene	-----	EPA 8260C	EPA 8260C
Chloroethane	-----	EPA 8260C	EPA 8260C
Chloroform	-----	EPA 8260C	EPA 8260C
Chloromethane	-----	EPA 8260C	EPA 8260C
Chloroprene	-----	EPA 8260C	EPA 8260C
cis-1,2-Dichloroethene	-----	EPA 8260C	EPA 8260C
cis-1,3-Dichloropropene	-----	EPA 8260C	EPA 8260C
Cyclohexane	-----	EPA 8260C	EPA 8260C
Cyclohexanone	-----	EPA 8260C	EPA 8260C
Dibromochloromethane	-----	EPA 8260C	EPA 8260C
Dibromomethane	-----	EPA 8260C	EPA 8260C
Dichlorodifluoromethane	-----	EPA 8260C	EPA 8260C
Dichlorofluoromethane	-----	EPA 8260C	EPA 8260C
Diisopropyl ether	-----	EPA 8260C	EPA 8260C
Ethyl acetate	-----	EPA 8260C	EPA 8260C
Ethyl benzene	-----	EPA 8021B/8260C	EPA 8021B/8260C
Ethyl ether	-----	EPA 8260C	EPA 8260C
Ethyl methacrylate	-----	EPA 8260C	EPA 8260C
Ethyl tertiary butyl ether	-----	EPA 8260C	EPA 8260C
Hexachlorobutadiene	-----	EPA 8260C	EPA 8260C
Hexane	-----	EPA 8260C	EPA 8260C
Iodomethane	-----	EPA 8260C	EPA 8260C
Isopropylbenzene	-----	EPA 8260C	EPA 8260C
Methyl acetate	-----	EPA 8260C	EPA 8260C
Methyl methacrylate	-----	EPA 8260C	EPA 8260C
Methyl tert butyl ether	-----	EPA 8021B/8260C	EPA 8021B/8260C
Methylcyclohexane	-----	EPA 8260C	EPA 8260C
Methylene chloride	-----	EPA 8260C	EPA 8260C
m & p -Xylene	-----	EPA 8021B/8260C	EPA 8021B/8260C
Naphthalene	-----	EPA 8260C	EPA 8260C
n-Butylbenzene	-----	EPA 8260C	EPA 8260C



<b>Parameter/Analyte</b>	<b>Bio Tissue</b>	<b>Nonpotable Water</b>	<b>Solid Hazardous Waste</b>
n-Propylbenzene	-----	EPA 8260C	EPA 8260C
o-Xylene	-----	EPA 8021B/8260C	EPA 8021B/8260C
Propylene oxide	-----	EPA 8260C	EPA 8260C
p-Isopropyltoluene	-----	EPA 8260C	EPA 8260C
sec-Butylbenzene	-----	EPA 8260C	EPA 8260C
Styrene	-----	EPA 8260C	EPA 8260C
Tertiary amyl methyl ether	-----	EPA 8260C	EPA 8260C
tert-Butyl alcohol	-----	EPA 8260C	EPA 8260C
tert-Butylbenzene	-----	EPA 8260C	EPA 8260C
Tetrachloroethene	-----	EPA 8260C	EPA 8260C
Tetrahydrofuran	-----	EPA 8260C	EPA 8260C
Toluene	-----	EPA 8021B/8260C	EPA 8021B/8260C
trans-1,2-Dichloroethene	-----	EPA 8260C	EPA 8260C
trans-1,3-Dichloropropene	-----	EPA 8260C	EPA 8260C
Trichloroethene	-----	EPA 8260C	EPA 8260C
Trichlorofluoromethane	-----	EPA 8260C	EPA 8260C
Vinyl acetate	-----	EPA 8260C	EPA 8260C
Vinyl chloride	-----	EPA 8260C	EPA 8260C
Xylenes, total	-----	EPA 8021B/8260C	EPA 8021B/8260C
<b><u>Dissolved Gasses</u></b>			
Acetylene		RSK 175	
Carbon Dioxide	-----	RSK 175 SM 4500 CO2 D	-----
Ethane	-----	RSK 175	-----
Ethene	-----	RSK 175	-----
Methane	-----	RSK 175	-----
<b><u>Extractable Organics (semivolatiles)</u></b>			
1,2,4,5-Tetrachlorobenzene	-----	EPA 8270D	EPA 8270D
1,2,4-Trichlorobenzene	-----	EPA 8270D	EPA 8270D
1,2-Dichlorobenzene	-----	EPA 8270D	EPA 8270D
1,3-Dichlorobenzene	-----	EPA 8270D	EPA 8270D
1,4-Dichlorobenzene	-----	EPA 8270D	EPA 8270D
1,4-Dioxane	-----	EPA 8270D SIM	EPA 8270D SIM
1,4 -Dithiane	-----	EPA 8270D	-----
1,4-Oxathiane	-----	EPA 8270D	-----
1-Methylnaphthalene	-----	EPA 8270D	EPA 8270D
2,3,4,6-Tetrachlorophenol	-----	EPA 8270D	EPA 8270D
2,4,5-Trichlorophenol	-----	EPA 8270D	EPA 8270D
2,4,6-Trichlorophenol	-----	EPA 8270D	EPA 8270D
2,4-Dichlorophenol	-----	EPA 8270D	EPA 8270D
2,4-Dimethylphenol	-----	EPA 8270D	EPA 8270D
2,4-Dinitrophenol	-----	EPA 8270D	EPA 8270D
2,4-Dinitrotoluene	-----	EPA 8270D	EPA 8270D
2,6-Dichlorophenol	-----	EPA 8270D	EPA 8270D
2,6-Dinitrotoluene	-----	EPA 8270D	EPA 8270D
2-Chloronaphthalene	-----	EPA 8270D	EPA 8270D



<b>Parameter/Analyte</b>	<b>Bio Tissue</b>	<b>Nonpotable Water</b>	<b>Solid Hazardous Waste</b>
2-Chlorophenol	-----	EPA 8270D	EPA 8270D
2-Methylnaphthalene	-----	EPA 8270D	EPA 8270D
2-Methylphenol	-----	EPA 8270D	EPA 8270D
2-Nitroaniline	-----	EPA 8270D	EPA 8270D
2-Nitrophenol	-----	EPA 8270D	EPA 8270D
3 & 4-Methylphenol	-----	EPA 8270D	EPA 8270D
3,3'-Dichlorobenzidine	-----	EPA 8270D	EPA 8270D
3-Nitroaniline	-----	EPA 8270D	EPA 8270D
4,6-Dinitro-2-methylphenol	-----	EPA 8270D	EPA 8270D
4-Bromophenyl-phenyl ether	-----	EPA 8270D	EPA 8270D
4-Chloro-3-methylphenol	-----	EPA 8270D	EPA 8270D
4-Chloroaniline	-----	EPA 8270D	EPA 8270D
4-Chlorophenyl-phenyl ether	-----	EPA 8270D	EPA 8270D
4-Nitroaniline	-----	EPA 8270D	EPA 8270D
4-Nitrophenol	-----	EPA 8270D	EPA 8270D
Acenaphthene	-----	EPA 8270D	EPA 8270D
Acenaphthylene	-----	EPA 8270D	EPA 8270D
Acetophenone	-----	EPA 8270D	EPA 8270D
Aniline	-----	EPA 8270D	EPA 8270D
Anthracene	-----	EPA 8270D	EPA 8270D
Atrazine	-----	EPA 8270D	EPA 8270D
Azobenzene & 1,2-Diphenylhydrazene	-----	EPA 8270D	EPA 8270D
Benzaldehyde	-----	EPA 8270D	EPA 8270D
Benzidine	-----	EPA 8270D	EPA 8270D
Benzo(a)anthracene	-----	EPA 8270D	EPA 8270D
Benzo(a)pyrene	-----	EPA 8270D	EPA 8270D
Benzo(b)fluoranthene	-----	EPA 8270D	EPA 8270D
Benzo(g,h,i)perylene	-----	EPA 8270D	EPA 8270D
Benzo(k)fluoranthene	-----	EPA 8270D	EPA 8270D
Benzoic acid	-----	EPA 8270D	EPA 8270D
Benzothiazole	-----	EPA 8270D	-----
Benzyl alcohol	-----	EPA 8270D	EPA 8270D
1,1' Biphenyl	-----	EPA 8270D	EPA 8270D
Bis(2-chloroethoxy)methane	-----	EPA 8270D	EPA 8270D
Bis(2-chloroethyl)ether	-----	EPA 8270D	EPA 8270D
Bis(2-chloroisopropyl)ether	-----	EPA 8270D	EPA 8270D
Bis(2-ethylhexyl)phthalate	-----	EPA 8270D	EPA 8270D
Butylbenzylphthalate	-----	EPA 8270D	EPA 8270D
Caprolactam	-----	EPA 8270D	EPA 8270D
Carbazole	-----	EPA 8270D	EPA 8270D
Chrysene	-----	EPA 8270D	EPA 8270D
Dibenzo(a,h)anthracene	-----	EPA 8270D	EPA 8270D
Dibenzofuran	-----	EPA 8270D	EPA 8270D
Diethylphthalate	-----	EPA 8270D	EPA 8270D
Diisopropyl methylphosphonate	-----	EPA 8270D	-----
Dimethyl methylphosphonate	-----	EPA 8270D	-----
Dimethylphthalate	-----	EPA 8270D	EPA 8270D
Dimethyl disulfide	-----	EPA 8270D	-----





<b>Parameter/Analyte</b>	<b>Bio Tissue</b>	<b>Nonpotable Water</b>	<b>Solid Hazardous Waste</b>
Di-n-butylphthalate	-----	EPA 8270D	EPA 8270D
Di-n-octylphthalate	-----	EPA 8270D	EPA 8270D
Fluoranthene	-----	EPA 8270D	EPA 8270D
Fluorene	-----	EPA 8270D	EPA 8270D
Hexachlorobenzene	-----	EPA 8270D	EPA 8270D
Hexachlorocyclopentadiene	-----	EPA 8270D	EPA 8270D
Hexachloroethane	-----	EPA 8270D	EPA 8270D
Indeno(1,2,3-cd)pyrene	-----	EPA 8270D	EPA 8270D
Isophorone	-----	EPA 8270D	EPA 8270D
Naphthalene	-----	EPA 8270D	EPA 8270D
Nitrobenzene	-----	EPA 8270D	EPA 8270D
n-Nitrosodimethylamine	-----	EPA 8270D	EPA 8270D
n-Nitroso-di-n-propylamine	-----	EPA 8270D	EPA 8270D
n-Nitrosodiphenylamine & Diphenylamine	-----	EPA 8270D	EPA 8270D
n-Nitrosopyrrolidine	-----	EPA 8270D	EPA 8270D
Pentachlorophenol	-----	EPA 8270D	EPA 8270D
Phenanthrene	-----	EPA 8270D	EPA 8270D
Phenol	-----	EPA 8270D	EPA 8270D
Pyrene	-----	EPA 8270D	EPA 8270D
Pyridine	-----	EPA 8270D	EPA 8270D
p-Chlorophenyl methyl sulfide	-----	EPA 8270D	-----
p-Chlorophenyl methyl sulfone	-----	EPA 8270D	-----
p-Chlorophenyl methysulfoxide	-----	EPA 8270D	-----
<b><u>Pesticides/PCBs</u></b>			
Aldrin	EPA 8081B	EPA 8081B	EPA 8081B
alpha-BHC	EPA 8081B	EPA 8081B	EPA 8081B
beta-BHC	EPA 8081B	EPA 8081B	EPA 8081B
delta-BHC	EPA 8081B	EPA 8081B	EPA 8081B
gamma-BHC (Lindane)	EPA 8081B	EPA 8081B	EPA 8081B
alpha-Chlordane	EPA 8081B	EPA 8081B	EPA 8081B
gamma-Chlordane	EPA 8081B	EPA 8081B	EPA 8081B
DDD (4,4)	EPA 8081B	EPA 8081B	EPA 8081B
DDE (4,4)	EPA 8081B	EPA 8081B	EPA 8081B
DDT (4,4)	EPA 8081B	EPA 8081B	EPA 8081B
DDD (2,4)	EPA 8081B	EPA 8081B	EPA 8081B
DDE (2,4)	EPA 8081B	EPA 8081B	EPA 8081B
DDT (2,4)	EPA 8081B	EPA 8081B	EPA 8081B
Dieldrin	EPA 8081B	EPA 8081B	EPA 8081B
Endosulfan I	EPA 8081B	EPA 8081B	EPA 8081B
Endosulfan II	EPA 8081B	EPA 8081B	EPA 8081B
Endosulfan sulfate	EPA 8081B	EPA 8081B	EPA 8081B
Endrin	EPA 8081B	EPA 8081B	EPA 8081B
Endrin aldehyde	EPA 8081B	EPA 8081B	EPA 8081B
Endrin ketone	EPA 8081B	EPA 8081B	EPA 8081B
Heptachlor	EPA 8081B	EPA 8081B	EPA 8081B
Heptachlor Epoxide (beta)	EPA 8081B	EPA 8081B	EPA 8081B



<b>Parameter/Analyte</b>	<b>Bio Tissue</b>	<b>Nonpotable Water</b>	<b>Solid Hazardous Waste</b>
Methoxychlor	EPA 8081B	EPA 8081B	EPA 8081B
Chlordane (technical)	EPA 8081B	EPA 8081B	EPA 8081B
Toxaphene (total)	EPA 8081B	EPA 8081B	EPA 8081B
Aroclor 1016	EPA 8082A	EPA 8082A	EPA 8082A
Aroclor 1221	EPA 8082A	EPA 8082A	EPA 8082A
Aroclor 1232	EPA 8082A	EPA 8082A	EPA 8082A
Aroclor 1242	EPA 8082A	EPA 8082A	EPA 8082A
Aroclor 1248	EPA 8082A	EPA 8082A	EPA 8082A
Aroclor 1254	EPA 8082A	EPA 8082A	EPA 8082A
Aroclor 1260	EPA 8082A	EPA 8082A	EPA 8082A
Aroclor 1262	EPA 8082A	EPA 8082A	EPA 8082A
Aroclor 1268	EPA 8082A	EPA 8082A	EPA 8082A
Alachlor	-----	EPA 8270D SIM	EPA 8270D SIM
Atrazine	-----	EPA 8270D SIM	EPA 8270D SIM
<b>Low Level PAH</b>			
Acenaphthene	-----	EPA 8270D SIM	EPA 8270D SIM
Acenaphthylene	-----	EPA 8270D SIM	EPA 8270D SIM
Anthracene	-----	EPA 8270D SIM	EPA 8270D SIM
Benzo(a)anthracene	-----	EPA 8270D SIM	EPA 8270D SIM
Benzo(b)fluoranthene	-----	EPA 8270D SIM	EPA 8270D SIM
Benzo(k)fluoranthene	-----	EPA 8270D SIM	EPA 8270D SIM
Benzo(g,h,i)perylene	-----	EPA 8270D SIM	EPA 8270D SIM
Benzo(a)pyrene	-----	EPA 8270D SIM	EPA 8270D SIM
Chrysene	-----	EPA 8270D SIM	EPA 8270D SIM
Dibenz(a,h)anthracene	-----	EPA 8270D SIM	EPA 8270D SIM
Fluoranthene	-----	EPA 8270D SIM	EPA 8270D SIM
Fluorene	-----	EPA 8270D SIM	EPA 8270D SIM
Indeno(1,2,3-cd)pyrene	-----	EPA 8270D SIM	EPA 8270D SIM
1-Methylnaphthalene	-----	EPA 8270D SIM	EPA 8270D SIM
2-Methylnaphthalene	-----	EPA 8270D SIM	EPA 8270D SIM
Naphthalene	-----	EPA 8270D SIM	EPA 8270D SIM
Phenanthrene	-----	EPA 8270D SIM	EPA 8270D SIM
Pyrene	-----	EPA 8270D SIM	EPA 8270D SIM
<b>Explosives</b>			
2-Amino-4,6-dinitrotoluene	-----	EPA 8330A/8330B	EPA 8330A/8330B
4-Amino-2,6-dinitrotoluene	-----	EPA 8330A/8330B	EPA 8330A/8330B
1,3-Dinitrobenzene	-----	EPA 8330A/8330B	EPA 8330A/8330B
2,3-Dinitrotoluene	-----	EPA 8270D SIM	EPA 8270D SIM
2,4-Dinitrotoluene	-----	EPA 8330A/8330B/8270D SIM	EPA 8330A/8330B/8270D SIM
2,5-Dinitrotoluene	-----	EPA 8270D SIM	EPA 8270D SIM
2,6-Dinitrotoluene	-----	EPA 8330A/8330B/8270D SIM	EPA 8330A/8330B/8270D SIM
3,4-Dinitrotoluene	-----	EPA 8270D SIM	EPA 8270D SIM
3,5-Dinitrotoluene	-----	EPA 8270D SIM	EPA 8270D SIM
HMX (Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine)	-----	EPA 8330A/8330B	EPA 8330A/8330B
Nitrobenzene	-----	EPA 8330A/8330B	EPA 8330A/8330B

<b>Parameter/Analyte</b>	<b>Bio Tissue</b>	<b>Nonpotable Water</b>	<b>Solid Hazardous Waste</b>
2-Nitrotoluene	-----	EPA 8330A/8330B	EPA 8330A/8330B
3-Nitrotoluene	-----	EPA 8330A/8330B	EPA 8330A/8330B
4-Nitrotoluene	-----	EPA 8330A/8330B	EPA 8330A/8330B
RDX (Hexahydro-1,3,5-trinitro-1,3,5-triazine)	-----	EPA 8330A/8330B	EPA 8330A/8330B
Tetryl (Methyl-2,4,6-trinitrophenylnitramine)	-----	EPA 8330A/8330B	EPA 8330A/8330B
1,3,5-Trinitrobenzene	-----	EPA 8330A/8330B	EPA 8330A/8330B
2,4,6-Trinitrotoluene	-----	EPA 8330A/8330B	EPA 8330A/8330B
3,5-Dinitroaniline	-----	EPA 8330A/8330B	EPA 8330A/8330B
PETN	-----	EPA 8330A/8330B	EPA 8330A/8330B
Nitroguanidine	-----	EPA 8330A/8330B	EPA 8330A/8330B
Nitroglycerine	-----	EPA 8330A/8330B	EPA 8330A/8330B
Nitrocellulose	-----	EPA 9056M	EPA 9056M
<b>Herbicides</b>			
2,4-D	-----	EPA 8151	-----
2,4,5-TP	-----	EPA 8151	-----
<b>Glycols</b>			
Ethylene glycol	-----	EPA 8015B	-----
Propylene glycol	-----	EPA 8015B	-----
Thiodiglycol	-----	Lab SOP SV018	-----
<b>Petroleum Hydrocarbons</b>			
Gas Range Organics (GRO)	-----	EPA 8015C	EPA 8015C
Diesel Range Organics (DRO)	-----	EPA 8015C	EPA 8015C
Wisconsin GRO	-----	WI GRO	WI GRO
Wisconsin DRO	-----	WI DRO	WI DRO
Extended Range Organics (ERO, ORO, RRO)	-----	EPA 8015C	EPA 8015C
<b>Hazardous Waste Characteristics</b>			
Ignitability	-----	EPA 1010A	EPA 1010A
Paint Filter Liquids Test	-----	-----	EPA 9095 B
Reactive Cyanide	-----	EPA SW 846 Ch. 7	EPA SW 846 Ch. 7
Reactive Sulfide	-----	EPA SW 846 Ch. 7	EPA SW 846 Ch. 7
Synthetic Precipitation Leaching Procedure (SPLP)	-----	EPA 1312	EPA 1312
Toxicity Characteristic Leaching Procedure (TCLP)	-----	EPA 1311	EPA 1311
<b>Prep &amp; Clean-up Methods</b>			
VOC	-----	EPA 5030B	EPA 5035
Organic Semi-volatiles	-----	EPA 3510C/3535A/3620C/ 3640A/3660B/3665A	EPA 3540C/3545/3545A/3546/ 3580A/3620C/3640A/3660B/ 3665A
Metals	-----	EPA 3005A/3010 /3015/3020	EPA 3050B

<b>Parameter/Analyte</b>	<b>Potable Water</b>
<b><u>Purgeable Organics</u></b> <b><u>(volatiles) Medium Level</u></b>	
1,1,1,2-Tetrachloroethane	EPA 524.2
1,1,1-Trichloroethane	EPA 524.2
1,1,2,2-Tetrachloroethane	EPA 524.2
1,1,2-Trichloroethane	EPA 524.2
1,1-Dichloroethane	EPA 524.2
1,1-Dichloroethene	EPA 524.2
1,1-Dichloropropene	EPA 524.2
1,2,3-Trichlorobenzene	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2
1,2,4-Trimethylbenzene	EPA 524.2
1, 3, 5-Trimethylbenzene	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2
1,2-Dichloroethane	EPA 524.2
1,2-Dichloropropane	EPA 524.2
1,2,3-Trichloropropane	EPA 524.2
1,3-Dichlorobenzene	EPA 524.2
1,3-Dichloropropane	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2
2,2-Dichloropropane	EPA 524.2
2-Chlorotoluene	EPA 524.2
4-Chlorotoluene	EPA 524.2
Benzene	EPA 524.2
Bromobenzene	EPA 524.2
Bromochloromethane	EPA 524.2
Bromodichloromethane	EPA 524.2
Bromoform	EPA 524.2
Bromomethane	EPA 524.2
Carbon tetrachloride	EPA 524.2
Chlorobenzene	EPA 524.2
Chloroethane	EPA 524.2
Chloroform	EPA 524.2
Chloromethane	EPA 524.2
cis-1,2-Dichloroethene	EPA 524.2
cis-1,3-Dichloropropene	EPA 524.2
Dibromochloromethane	EPA 524.2
Dibromomethane	EPA 524.2
Dichlorodifluoromethane	EPA 524.2
Ethyl benzene	EPA 524.2
Hexachlorobutadiene	EPA 524.2
Isopropylbenzene	EPA 524.2
Methyl tert butyl ether	EPA 524.2
Methylene chloride	EPA 524.2

<b>Parameter/Analyte</b>	<b>Potable Water</b>
m & p -Xylene	EPA 524.2
Naphthalene	EPA 524.2
n-Butylbenzene	EPA 524.2
n-Propylbenzene	EPA 524.2
o-Xylene	EPA 524.2
p-Isopropyltoluene	EPA 524.2
sec-Butylbenzene	EPA 524.2
Styrene	EPA 524.2
tert-Butylbenzene	EPA 524.2
Tetrachloroethene	EPA 524.2
Toluene	EPA 524.2
trans-1,2-Dichloroethene	EPA 524.2
trans-1,3-Dichloropropene	EPA 524.2
Trichloroethene	EPA 524.2
Trichlorofluoromethane	EPA 524.2
Vinyl chloride	EPA 524.2
Xylenes, total	EPA 524.2



# *Accredited Laboratory*

A2LA has accredited

## **CT LABORATORIES**

*Baraboo, WI*

for technical competence in the field of

### **Environmental Testing**

In recognition of the successful completion of the A2LA evaluation process that includes an assessment of the laboratory's compliance with ISO/IEC 17025:2005, the 2009 TNI Standard, and the requirements of the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.0 of the DoD Quality System Manual for Environmental Laboratories (QSM), accreditation is granted to this laboratory to perform recognized EPA methods as defined on the associated A2LA Environmental Scope of Accreditation. This accreditation demonstrates technical competence for this defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 29<sup>th</sup> day of July 2016.

A handwritten signature in black ink, appearing to be 'L. L. L.', written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 3806.01  
Valid to August 31, 2018  
Revised July 30, 2018

*For the tests to which this accreditation applies, please refer to the laboratory's Environmental Scope of Accreditation.*