



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CT LABORATORIES  
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ENVIRONMENTAL

Valid To: April 30, 2020

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 5.1 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>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
<b>Classical Chemistry</b>		
Alkalinity	EPA 310.2, SM 2320B	-----
Ammonia (as N)	EPA 350.1 SM 4500-NH3 H	EPA350.1 SM 4500-NH3 H
Bromide	EPA 300.0/9056A SM 4110B	EPA 9056A
Biological Oxygen Demand	SM 5210B	-----
Chemical Oxygen Demand	EPA 410.4	EPA 410.4 SM 5220D
Chloride	EPA 300.0/9056A SM 4110 B	EPA 9056A
Conductivity	EPA 9050A	-----
Cyanide	EPA 9010/9012	EPA 9012
Fluoride	EPA 300.0/9056A SM 4110B	EPA 9056A
Hardness	EPA 6010C SM 2340B	-----
Hexavalent Chromium	EPA 7199	EPA 7199

<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
Nitrate + Nitrite	EPA 300.0/353.2/9056 A SM 4110B	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
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><u>Metals</u></b>		
Aluminum	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Antimony	EPA 200.7/200.9/6010C/7010/ 6010D	EPA 6010C/6010D
Arsenic	EPA 200.7/200.9/6010C/7010/ 6010D	EPA 6010C/7010/6010D
Barium	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Beryllium	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Boron	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Cadmium	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Calcium	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Chromium	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Chromium +3	EPA 6010C/ <del>6</del> 6010D	EPA 6010C/6010D
Chromium +6	EPA 7196A	EPA 7196A
Cobalt	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Copper	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Iron	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Iron Ferrous	SM 3500 Fe B	-----
Lead	EPA 200.7/200.9/6010C/7010/ 6010D	EPA 6010C/7010/6010D
Lithium	EPA 200.7/6010C/6010D	-----



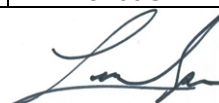
<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
Magnesium	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Manganese	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Mercury	EPA 245.1/7470A	EPA 7471B
Molybdenum	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Nickel	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Potassium	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Selenium	EPA 200.7/200.9/6010C/7010/6010D	EPA 6010C/7010/6010D
Silica	-----	EPA 6010C/6010D
Silver	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Sodium	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Strontium	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Thallium	EPA 200.7/200.9/6010C/7010/6010D	EPA 6010C/7010/6010D
Tin	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Vanadium	EPA 200.7/6010C/6010D	EPA 6010C/6010D
Zinc	EPA 200.7/6010C/6010D	EPA 6010C/6010D
<b><u>Purgeable Organics (volatiles) 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



<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
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
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



<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
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
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
tert-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 8260C	EPA 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 8260C	EPA 8260C
1,2-Dichloro-1,1,2-trifluoroethane	EPA 8260C	EPA 8260C
1,2-Dichlorobenzene	EPA 8260C	EPA 8260C



<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
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
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 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
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 8260C	EPA 8260C
Ethyl ether	EPA 8260C	EPA 8260C
Ethyl methacrylate	EPA 8260C	EPA 8260C
Ethyl tert butyl ether	EPA 8260C	EPA 8260C
Hexachlorobutadiene	EPA 8260C	EPA 8260C



<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
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
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 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>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





<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
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
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





<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
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	-----
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
alpha-BHC	EPA 8081B	EPA 8081B
beta-BHC	EPA 8081B	EPA 8081B



<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
delta-BHC	EPA 8081B	EPA 8081B
gamma-BHC (Lindane)	EPA 8081B	EPA 8081B
alpha-Chlordane	EPA 8081B	EPA 8081B
gamma-Chlordane	EPA 8081B	EPA 8081B
DDD (4,4)	EPA 8081B	EPA 8081B
DDE (4,4)	EPA 8081B	EPA 8081B
DDT (4,4)	EPA 8081B	EPA 8081B
DDD (2,4)	EPA 8081B	EPA 8081B
DDE (2,4)	EPA 8081B	EPA 8081B
DDT (2,4)	EPA 8081B	EPA 8081B
Dieldrin	EPA 8081B	EPA 8081B
Endosulfan I	EPA 8081B	EPA 8081B
Endosulfan II	EPA 8081B	EPA 8081B
Endosulfan sulfate	EPA 8081B	EPA 8081B
Endrin	EPA 8081B	EPA 8081B
Endrin aldehyde	EPA 8081B	EPA 8081B
Endrin ketone	EPA 8081B	EPA 8081B
Heptachlor	EPA 8081B	EPA 8081B
Heptachlor Epoxide (beta)	EPA 8081B	EPA 8081B
Methoxychlor	EPA 8081B	EPA 8081B
Chlordane (technical)	EPA 8081B	EPA 8081B
Toxaphene (total)	EPA 8081B	EPA 8081B
Aroclor 1016	EPA 8082A	EPA 8082A
Aroclor 1221	EPA 8082A	EPA 8082A
Aroclor 1232	EPA 8082A	EPA 8082A
Aroclor 1242	EPA 8082A	EPA 8082A
Aroclor 1248	EPA 8082A	EPA 8082A
Aroclor 1254	EPA 8082A	EPA 8082A
Aroclor 1260	EPA 8082A	EPA 8082A
Aroclor 1262	EPA 8082A	EPA 8082A
Aroclor 1268	EPA 8082A	EPA 8082A
<b><u>Low Level PAH</u></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



<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
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><u>Explosives</u></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
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><u>Herbicides</u></b>		
2,4-D	EPA 8151	-----
2,4,5-TP	EPA 8151	-----
<b><u>Glycols</u></b>		
Ethylene glycol	EPA 8015B	-----
Propylene glycol	EPA 8015B	-----
Thiodiglycol	Thiodiglycol by HPLC	-----
<b><u>Petroleum Hydrocarbons</u></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



<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
Extended Range Organics (ERO, ORO, RRO)	EPA 8015C	EPA 8015C
<b><u>Hazardous Waste Characteristics</u></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
Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	EPA 1312
Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	EPA 1311
<b><u>Prep &amp; Clean-up Methods</u></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





# 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 Environmental Testing Laboratory Standard, and the requirements of the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.1 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 April 2017).



Presented this 13<sup>th</sup> day of September 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 3806.01  
Valid to April 30, 2020

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