



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

MICROBAC LABORATORIES, INC.
OHIO VALLEY DIVISION
158 Starlite Drive
Marietta, OH 45750
Maren Beery Phone: 740-373-4071 x4135
Maren.Beery@microbac.com

ENVIRONMENTAL

Valid To: December 31, 2018

Certificate Number: 2936.01

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, ICP/MS, Gas Chromatography, Gas Chromatography/Mass Spectrometry, Gravimetry, High Performance Liquid Chromatography, LC/MS/MS, Ion Chromatography, Misc.- Electronic Probes (pH, O₂), Oxygen Demand, Hazardous Waste Characteristics Tests, Spectrophotometry (Visible), Spectrophotometry (Automated), Titrimetry, Total Organic Carbon

| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|--------------------------|---|---|
| Metals | | |
| Aluminum | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |
| Antimony | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/ 6020A | EPA 6010B/6010C EPA 6020/6020A |
| Arsenic | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/6020A | EPA 6010B/6010C EPA 6020/6020A |
| Barium | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/6020A | EPA 6010B/6010C EPA 6020/6020A |
| Beryllium | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |
| Boron | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |
| Cadmium | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/6020A | EPA 6010B/6010C EPA 6020/6020A |

| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|--------------------------|--|---|
| Calcium | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |
| Chromium | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/6020A | EPA 6010B/6010C EPA 6020/6020A |
| Cobalt | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/6020A | EPA 6010B/6010C EPA 6020/6020A |
| Copper | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/6020A | EPA 6010B/6010C EPA 6020/6020A |
| Iron | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |
| Lead | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/6020A | EPA 6010B/6010C EPA 6020/6020A |
| Lithium | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |
| Magnesium | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |
| Manganese | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/6020A | EPA 6010B/6010C EPA 6020/6020A |
| Mercury | EPA 245.1 EPA 7470A | EPA 7471A/7471B |
| Molybdenum | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |
| Nickel | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/6020A | EPA 6010B/6010C EPA 6020/6020A |
| Phosphorus | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |
| Potassium | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |
| Selenium | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/6020A | EPA 6010B/6010C EPA 6020/6020A |
| Silicon | EPA 200.7 EPA 6010B/6010C | ----- |
| Silver | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/6020A | EPA 6010B/6010C EPA 6020/6020A |
| Sodium | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |
| Strontium | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |
| Thallium | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/6020A | EPA 6010B/6010C EPA 6020/6020A |
| Tin | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |



| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|---------------------------|---|---|
| Titanium | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |
| Uranium | EPA 200.8 EPA 6020/6020A | EPA 6020/6020A |
| Vanadium | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/6020A | EPA 6010B/6010C EPA 6020/6020A |
| Zinc | EPA 200.7/200.8 EPA 6010B/6010C EPA 6020/6020A | EPA 6010B/6010C EPA 6020/6020A |
| Zirconium | EPA 200.7 EPA 6010B/6010C | EPA 6010B/6010C |
| Prep Methods | EPA 3015A | EPA 3051A |
| Nutrients | | |
| Ammonia (as N) | EPA 350.1 | EPA 350.1 |
| Kjeldahl nitrogen | EPA 351.2 | ----- |
| Nitrate (as N) | EPA 300.0 EPA 353.2 EPA 9056/9056A SM 4500NO ₃ -F | EPA 300.0 EPA 9056/9056A |
| Nitrate-nitrite (as N) | EPA 300.0/353.2/9056/9056A SM 4500NO ₃ -F | EPA 9056/9056A |
| Nitrite (as N) | EPA 300.0 EPA 354.1 EPA 9056/9056A | EPA 300.0 EPA 9056/9056A |
| Orthophosphate (as P) | EPA 365.2 SM 4500-P E-1999/2011 | EPA 365.2 |
| Total phosphorus | EPA 365.4 | ----- |
| Demands | | |
| Biochemical oxygen demand | SM 5210 B-2001/2011 | ----- |
| Chemical oxygen demand | EPA 410.4MOD HACH 8000 | ----- |
| Total organic carbon | EPA 415.1/9060A SM 5310 C-2000/2011 | ----- |
| Wet Chemistry | | |
| Acidity | EPA 415.1-9060A SM 2310B-1997/2011 (4a/d) | ----- |
| Alkalinity | EPA 310.2 SM 2320 B-1997/2011 | ----- |
| Bromide | EPA 300.0 EPA 9056/9056A | EPA 300.0 EPA 9056/9056A |
| Chloride | EPA 300.0 EPA 325.2 EPA 9056/9056A SM 4500-CL E-1997/2011 | EPA 325.2 EPA 9056/9056A SM 4500-CL E-1997/2011 |
| Chlorine, residual | SM 4500CI-G 2000/2011 | ----- |
| Conductivity | EPA 120.1 SM 2510B-1997/2011 | ----- |



| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|---|---|---|
| Cyanide | EPA 9010C EPA 9014 SM 4500 CN-C,E-1999/2011 | EPA 9010C EPA 9014 |
| Cyanide, amenable | EPA 9010C EPA 9014 SM 4500 CN-G/E | EPA 9010C EPA 9014 |
| Ferrous Iron | SM 3500-Fe B-1997/2011 | ----- |
| Filterable residue | EPA 160.1 SM 2540 C-1997/2011 | ----- |
| Flashpoint | EPA 1010A | EPA 1010A EPA 1030 |
| Fluoride | EPA 300.0 EPA 9056/9056A SM 4500 F,C-1997/2011 | EPA 300.0 EPA 9056/9056A SM 4500 F,C-1997/2011 |
| Hardness | EPA 130.2 EPA 150.1 SM 2340C-1997/2011 | EPA 150.1 |
| Hexavalent chromium | EPA 7196A SM 3500-Cr B-2009/2011 | EPA 3060A EPA 7196A SM 3500-Cr B -2009/2011 |
| MBAS | SM 2540C-2000/2011 | ----- |
| Methane, dissolved | ----- | ----- |
| Nonfilterable residue | EPA 160.2 SM 2540 D-1997/2011 | ----- |
| Oil and grease | EPA 1664A/1664B | EPA 9071 |
| Osmotic pressure | PA-DEP 391-2000-008 | ----- |
| pH | EPA 9040C SM 4500-H ⁺ B-2000/2011 | EPA 9040C EPA 9045D |
| Phenols | EPA 420.1 | EPA 420.1 |
| Sulfate | EPA 300.0 EPA 375.4 EPA 9056/9056A SM 4500 SO4 E-1997/2011 | EPA 300.0 EPA 375.4 EPA 9056/9056A SM 4500 SO4 E-1997/2011 |
| Sulfide | EPA 376.1 SM 4500-S F-2000/2011 | EPA 9030B EPA 9034 |
| TOC | ----- | ----- |
| Total Dissolved Solids | ----- | ----- |
| Total Suspended Solids | ----- | ----- |
| Turbidity | EPA 180.1 SM 2130B-2001/2011 | ----- |
| <u>Microbiology</u> | | |
| Total coliform | ----- | ----- |
| Fecal coliform | SM 9222D-2006 SM 9221B/C/E-2006 | ----- |
| <u>Purgeable Organics</u> <u>(Volatiles)</u> | | |
| Acetone | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Acetonitrile | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |



| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|---------------------------|-----------------------------|---|
| Acrolein | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Acrylonitrile | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Allyl chloride | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| T-amylmethylether | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Benzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Bromobenzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Bromochloromethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Bromodichloromethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Bromoform | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Bromomethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,3-Butadiene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 2-Butanone | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| n-Butyl alcohol | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| tert-Butyl alcohol | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| n-Butylbenzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| sec-Butylbenzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| tert-Butylbenzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Carbon disulfide | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Carbon tetrachloride | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Chlorobenzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Chloroethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 2-Chloroethyl vinyl ether | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Chloroform | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Chloroprene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1-Chlorohexane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Chloromethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |



| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|------------------------------------|-----------------------------|---|
| 2-Chlorotoluene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 4-Chlorotoluene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Cyclohexane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Cyclohexanone | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Dibromochloromethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Dibromofluoromethane *Surrogate | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,2-Dibromo-3-chloropropane (DBCP) | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Dibromomethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,2-Dibromomethane (EDB) | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,2-Dichlorobenzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,3-Dichlorobenzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,4-Dichlorobenzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| trans-1,4-Dichloro-2-butene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Dichlorodifluoromethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,1-Dichloroethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,2-Dichloroethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,1-Dichloroethene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| cis-1,2-Dichloroethene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| trans-1,2-Dichloroethene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,2-Dichloropropane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,3-Dichloropropane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 2,2-Dichloropropane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,1-Dichloropropene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| cis-1,3-Dichloropropene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| trans-1,3-Dichloropropene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Diethyl ether | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |



| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|--------------------------|----------------------------------|---|
| Di-isopropyl ether | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Dimethyldisulfide | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Dimethyl sulfide | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,4-Dioxane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Ethyl acetate | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Ethyl-t-butyl ether | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Ethyl methacrylate | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Ethyl benzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Gas range organics (GRO) | EPA 8015B /8015C/8015D OK-GRO | EPA 8015B/8015C/8015D OK-GRO |
| 2-Hexanone | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Hexachlorobutadiene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| n-Hexane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Isoprene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Isopropylbenzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,4-Isopropyltoluene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Iodomethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Isobutyl alcohol | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Methacrylonitrile | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Methyl acetate | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Methylcyclohexane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Methyl methacrylate | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| alpha-Methylstyrene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Methyl tert-butyl ether | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Methylene chloride | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 4-Methyl-2-pentanone | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Naphthalene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |



| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|---------------------------------------|-----------------------------|---|
| 2-Nitropropane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| n-Propylbenzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Propionitrile | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Styrene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,1,1,2-Tetrachloroethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,1,2,2-Tetrachloroethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Tetrachloroethene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Tetrahydrofuran | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Toluene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,1,1-Trichloroethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,1,2-Trichloroethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Trichloroethene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Trichlorofluoromethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,2,3-Trichlorobenzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,2,3-Trichloropropane | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,2,4-Trichlorobenzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,2,4-Trimethylbenzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,3,5-Trimethylbenzene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Vinyl acetate | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Vinyl chloride | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| Xylenes, total | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,2-Xylene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,3-Xylene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| 1,4-Xylene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |
| m,p-Xylene | EPA 624 EPA 8260B/8260C | EPA 8260B/8260C |



| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|---------------------------|---|--|
| Prep Methods | EPA 5030B/5030C EPA 5035/5035A | EPA 5035/5035A |
| Headspace Organics | | |
| n-Butane | EPA 5021/RSK175 | ----- |
| Carbon dioxide | EPA 5021/RSK175 | ----- |
| Methane | EPA 5021/RSK175 | ----- |
| Ethane | EPA 5021/RSK175 | ----- |
| Ethene | EPA 5021/RSK175 | ----- |
| Propane | EPA 5021/RSK175 | ----- |
| Acetylene | EPA 5021/RSK175 | ----- |
| Acenaphthene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Acenaphthylene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Acetophenone | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2-Acetylaminofluorene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 4-Aminobiphenyl | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Aniline | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Anthracene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Aramite | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Benzidine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Benzoic acid | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Benzo (a) anthracene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Benzo (b) fluoranthene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Benzo (k) fluoranthene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Benzo (g,h,i) perylene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Benzo (a) pyrene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Benzyl alcohol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |



| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|------------------------------|---|--|
| Benzaldehyde | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Biphenyl | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Bis(2-chloroethoxy) methane | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Bis (2-chloroethyl) ether | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Bis(2-chloroisopropyl) ether | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Bis (2-ethylhexyl) phthalate | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 4-Bromophenylphenylether | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Butyl benzyl phthalate | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Caprolactam | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Carbazole | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 4-Chloroaniline | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Chlorobenzilate | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 4-Chloro-3-methylphenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 1-Chloronaphthalene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2-Chloronaphthalene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2-Chlorophenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 4-Chlorophenylphenyl ether | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Chrysene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Cresols | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Diallate | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Dibenzo (a,c) anthracene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Dibenzo (a,h) anthracene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Dibenzofuran | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 1,2-Dichlorobenzene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 1,3-Dichlorobenzene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |



| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|-------------------------------------|---|--|
| 1,4-Dichlorobenzene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 3,3'-Dichlorobenzidine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2,4-Dichlorophenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2,6-Dichlorophenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Diethyl phthalate | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Dimethoate | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 4-Dimethylaminoazobenzene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 7,12-Dimethylbenz(a)anthracene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 3,3'-Dimethylbenzidine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Alpha-,alpha-dimethylphenethylamine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2,4-Dimethylphenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Dimethyl phthalate | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Di-n-butyl phthalate | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Di-n-octyl phthalate | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2,4-Dinitrophenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2,4-Dinitrotoluene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2,6-Dinitrotoluene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 1,4-Dioxane | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Diphenylamine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 1,2-Diphenylhydrazine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Disulfoton | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| DRO/ORO | EPA 8015B/8015C/8015D OK-DRO | EPA 3546/8015B/8015C/8015D OK-DRO |
| Ethyl methanesulfonate | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Ethyl parathion | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Famphur | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |



| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|----------------------------|---|--|
| Fluoroanthene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Fluorene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Hexachlorobenzene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Hexachlorobutadiene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Hexachlorocyclopentadiene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Hexachloroethane | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Hexachlorophene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Hexachloropropene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Indeno (1,2,3-cd) pyrene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Isodrin | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Isophorone | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Isosafrole | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Kepone | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Methapyrilene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 3-Methylcholanthrene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2-Methyl-4,6-dinitrophenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Methyl methanesulfonate | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 1-Methylnaphthalene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| 2-Methylnaphthalene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Methyl parathion | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2-Methyl phenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 3,4-Methyl phenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Naphthalene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |



| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|---------------------------|-----------------------------|---|
| 1,4-Naphthoquinone | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 1-Naphthylamine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2-Naphthylamine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2-Nitroaniline | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 3-Nitroaniline | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 4-Nitroaniline | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Nitrobenzene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 5-Nitro-o-toluidine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2-Nitrophenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 4-Nitrophenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Nitroquinoline-1-oxide | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| n-Nitrosodiethylamine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| n-Nitrosodimethylamine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| n-Nitroso-di-n-butylamine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| n-Nitrosodi-n-propylamine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| n-Nitrosodiphenylamine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| n-Nitrosomorpholine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| n-Nitrosopiperidine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| n-Nitrosopyrrolidine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Pentachlorobenzene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Pentachloroethane | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Pentachloronitobenzene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Pentachlorophenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Perylene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Phenacetin | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |

| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|---|---|--|
| Phenanthrene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Phenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 1,4-Phenylenediamine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Phorate | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2-Picoline | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Pronamide | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Pyrene | EPA 625 EPA 8270C/8270D EPA 8270C SIM/8270D SIM | EPA 8270C/8270D EPA 8270C SIM/8270D SIM |
| Pyridine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Safrole | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Sulfotepp | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 1,2,4,5-Tetrachlorobenzene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2,3,4,6-Tetrachlorophenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| o,o,o-Triethyl phosphorothioate | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Thionazin | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 1,2,4-Trichlorobenzene | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2,4,5-Trichlorophenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| 2,4,6-Trichlorophenol | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| o-Toluidine | EPA 625 EPA 8270C/8270D | EPA 8270C/8270D |
| Prep Methods | EPA 3520C | EPA 3550B/3550C EPA 3580A EPA 3546 |
| <u>Pesticides/Herbicides/PCB</u> | | |
| 1,2-Dibromo-3-chloropropane (DBCP) | EPA 8011 | ----- |
| 1,2-Dibromomethane (EDB) | EPA 8011 | ----- |
| Aldrin | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| alpha-BHC | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| beta-BHC | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |



| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|--------------------------|-----------------------------|---|
| delta-BHC | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| gamma-BHC | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| Chlordane (technical) | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| alpha-chlordane | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| gamma-chlordane | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| 4,4'-DDD | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| 4,4'-DDE | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| 4,4',-DDT | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| Dieldrin | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| Endosulfan I | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| Endosulfan II | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| Endosulfan sulfate | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| Endrin | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| Endrin aldehyde | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| Endrin ketone | EPA 8081A/8081B | EPA 8081A/8081B |
| Heptachlor | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| Heptachlor epoxide | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| Methoxychlor | EPA 8081A/8081B | EPA 8081A/8081B |
| Toxaphene | EPA 608 EPA 8081A/8081B | EPA 8081A/8081B |
| PCB-1016 (aroclor) | EPA 608 EPA 8082/8082A | EPA 8082/8082A |
| PCB-1221 | EPA 608 EPA 8082/8082A | EPA 8082/8082A |
| PCB-1232 | EPA 608 EPA 8082/8082A | EPA 8082/8082A |
| PCB-1242 | EPA 608 EPA 8082/8082A | EPA 8082/8082A |
| PCB-1248 | EPA 608 EPA 8082/8082A | EPA 8082/8082A |
| PCB-1254 | EPA 608 EPA 8082/8082A | EPA 8082/8082A |
| PCB-1260 | EPA 608 EPA 8082/8082A | EPA 8082/8082A |
| PCB-1262 | EPA 8082/8082A | EPA 8082/8082A |



| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|--|------------------------------|---|
| PCB-1268 | EPA 8082/8082A | EPA 8082/8082A |
| Prep Methods | EPA 3510C | EPA 3550B/3550C/3546/3580A |
| 2,4-D | EPA 8151A | EPA 8151A |
| Dalapon | EPA 8151A | EPA 8151A |
| 2,4-DB | EPA 8151A | EPA 8151A |
| Dicamba | EPA 8151A | EPA 8151A |
| Dichloroprop | EPA 8151A | EPA 8151A |
| Dinoseb | EPA 8151A | EPA 8151A |
| MCPA | EPA 8151A | EPA 8151A |
| MCPP | EPA 8151A | EPA 8151A |
| Pentachlorophenol | EPA 8151A | EPA 8151A |
| 2,4,5-T | EPA 8151A | EPA 8151A |
| 2,4,5-TP | EPA 8151A | EPA 8151A |
| HPLC | | |
| 1,3,5-Trinitrobenzene | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| 1,3-Dinitrobenzene | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| 2,4,6-Trinitrotoluene | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| 2,4-Dinitrotoluene | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| 2,6-Dinitrotoluene | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| 2-Amino-4,6-dinitrotoluene | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| 2-Nitrotoluene | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| 3-Nitrotoluene | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| 4-Amino-2,6-dinitrotoluene | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| 4-Nitrotoluene | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| Nitrobenzene | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| Nitroglycerin | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| HMX | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| PETN | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| RDX | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| Tetryl | EPA 8330B/8330A(modified) | EPA 8330B/8330A(modified) |
| Prep Methods | EPA 3535A | ----- |
| Formaldehyde | EPA 8315A | EPA 8315A |
| Acetaldehyde | EPA 8315A | EPA 8315A |
| Proponal | EPA 8315A | EPA 8315A |
| Acetic acid | 830MBA | ----- |
| Butyric acid | 830MBA | ----- |
| Lactic acid | 830MBA | ----- |
| Propionic acid | 830MBA | ----- |
| Pyruvic acid | 830MBA | ----- |
| Acetate | AOAC 986.13 | ----- |
| Formate | AOAC 986.13 | ----- |
| Hazardous Waste Characteristics | | |
| Corrosivity | EPA 9040C | EPA 9040C/9045D |
| Ignitibility | EPA 1010A | EPA 1010A EPA 1030 |
| Reactive cyanide | EPA SW 846 Ch 7 7.3.3.2-1996 | EPA SW 846 Ch 7 7.3.3.2-1996 |
| Reactive sulfide | EPA SW 846 Ch 7 7.3.4.2-1996 | EPA SW 846 Ch 7 7.3.4.2-1996 |



| Parameter/Analyte | Nonpotable Water (1) | Solid and Chemical Materials (2) |
|---|-----------------------------|---|
| Synthetic precipitation leaching procedure (SPLP) | EPA 1312 | EPA 1312 |
| Toxicity characteristic leaching procedure (TCLP) | EPA 1311 | EPA 1311 |
| Water leach | ----- | ASTM D3987-06/85 |
| Clean-up | | |
| ----- | EPA 3620B | EPA 3620B |
| ----- | EPA 3665A | EPA 3665A |
| ----- | EPA 3630C | EPA 3630C |
| ----- | EPA 3660B | EPA 3660B |
| LC/MS/MS | | |
| Perchlorate | EPA 331/6850 | EPA 6850 |

| Parameter/Analyte | Potable Water | Non-potable Water (1) | Solid and Chemical Materials (2) |
|--------------------------|----------------------|------------------------------|---|
| Radiochemistry | | | |
| Gross alpha | EPA 900.0 | EPA 900.0 | EPA 900.0 |
| Gross beta | EPA 900.0 | EPA 900.0 | EPA 900.0 |
| Ra-226 | EPA 903.0 | EPA 903.0 | EPA 903.0 |
| Ra-228 | EPA 904.0 | EPA 9320/904.0 | EPA 9320/904.0 |
| Gamma emitters | EPA 901.1 | EPA 901.1 | EPA 901.1 |
| Total alpha | ----- | EPA 900.0/9310 | EPA 900.0/9310 |
| Total beta | ----- | EPA 900.0/9310 | EPA 900.0/9310 |
| Total radium | ----- | EPA 903.0/9315 | EPA 903.0/9315 |

(1) Method List includes Clean Water Act and RCRA water parameters.

(2) Method List includes RCRA parameters only

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, accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below:

| Parameter/Analyte | Potable Water |
|--------------------------|----------------------|
| Metals | |
| Aluminum | EPA 200.7 |
| Antimony | EPA 200.8 |
| Arsenic | EPA 200.7/200.8 |
| Barium | EPA 200.7/200.8 |
| Beryllium | EPA 200.7 |
| Boron | EPA 200.7 |
| Cadmium | EPA 200.7/200.8 |
| Calcium | EPA 200.7 |
| Chromium | EPA 200.7/200.8 |



| Parameter/Analyte | Potable Water |
|--------------------------|--|
| Cobalt | EPA 200.7/200.8 |
| Copper | EPA 200.7/200.8 |
| Iron | EPA 200.7 |
| Lead | EPA 200.7/200.8 |
| Lithium | EPA 200.7 |
| Magnesium | EPA 200.7 |
| Manganese | EPA 200.7/200.8 |
| Mercury | EPA 245.1 |
| Molybdenum | EPA 200.7 |
| Nickel | EPA 200.7/200.8 |
| Potassium | EPA 200.7 |
| Selenium | EPA 200.7/200.8 |
| Silver | EPA 200.7/200.8 |
| Sodium | EPA 200.7 |
| Strontium | EPA 200.7 |
| Thallium | EPA 200.8 |
| Uranium | EPA 200.8 |
| Vanadium | EPA 200.7 |
| Zinc | EPA 200.7/200.8 |
| Wet Chemistry | |
| Alkalinity | EPA 310.1 |
| Bromide | EPA 300.0 |
| Chloride | EPA 300.0 EPA 325.2 SM 4500-Cl-E |
| Conductivity | SM 2510B |
| Dissolved Methane | RSK 175 |
| Hardness | SM 2340B |
| MBAS | SM 5540C |
| Nitrate | EPA 300.0 EPA 353.2 SM 4500-NO ₃ -F |
| pH | EPA 150.1 SM 4500-H+B |
| TOC | SM 5310C |
| Total Dissolved Solids | EPA 160.1 SM 2540D |
| Total Suspended Solids | EPA 160.2 SM 2540D |





Accredited Laboratory

A2LA has accredited

MICROBAC LABORATORIES, INC. OHIO VALLEY DIVISION

Marietta, OH

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 5.0 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 28th day of November 2016.

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

President and CEO
For the Accreditation Council
Certificate Number 2936.01
Valid to December 31, 2018

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