



SCOPE OF ACCREDITATION TO THE ISO/IEC 17043:2010

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PROFICIENCY TESTING PROVIDER

Valid To: September 30, 2024

Certificate Number: 1539.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this proficiency testing provider for the design, preparation, and operation of PT schemes that meet the requirements of ISO/IEC 17043 and TNI Volume 3: General Requirements For Environmental Proficiency Test Providers (EL-V3-2016).

| Parameter/Analyte ¹ | Drinking Water | Non-Potable Water | Solid & Chemical Materials | Air ² | DMR-QA ² |
|--------------------------------|----------------|-------------------|----------------------------|------------------|---------------------|
| Metals | | | | | |
| Aluminum | √ | √ | √ | | √ |
| Antimony | √ | √ | √ | | √ |
| Arsenic | √ | √ | √ | | √ |
| Barium | √ | √ | √ | | √ |
| Beryllium | √ | √ | √ | | √ |
| Boron | √ | √ | √ | | √ |
| Cadmium | √ | √ | √ | | √ |
| Calcium | √ | √ | √ | | √ |
| Chromium (total) | √ | √ | √ | | √ |
| Chromium (VI) | √ | √ | √ | | √ |
| Cobalt | | √ | √ | | √ |
| Copper | √ | √ | √ | | √ |
| Iron | √ | √ | √ | | √ |
| Lead | √ | √ | √ | | √ |
| Lithium | | √ | √ | | |
| Magnesium | √ | √ | √ | | √ |
| Manganese | √ | √ | √ | | √ |
| Mercury | √ | √ | √ | | √ |
| Molybdenum | √ | √ | √ | | √ |
| Nickel | √ | √ | √ | | √ |
| Potassium | √ | √ | √ | | √ |
| Selenium | √ | √ | √ | | √ |
| Silver | √ | √ | √ | | √ |
| Sodium | √ | √ | √ | | √ |
| Strontium | | √ | √ | | √ |

| Parameter/Analyte ¹ | Drinking Water | Non-Potable Water | Solid & Chemical Materials | Air ² | DMR-QA ² |
|--|----------------|-------------------|----------------------------|------------------|---------------------|
| Thallium | √ | √ | √ | | √ |
| Tin | | √ | √ | | |
| Titanium | | √ | √ | | |
| Uranium | √ | √ | √ | | |
| Vanadium | √ | √ | √ | | √ |
| Zinc | √ | √ | √ | | √ |
| Nutrients | | | | | |
| Ammonia (as N) | √ | √ | √ | | √ |
| Nitrate (as N) | √ | √ | √ | | √ |
| Nitrate + Nitrite (as N) | √ | √ | √ | | √ |
| Nitrite (as N) | √ | √ | √ | | √ |
| Orthophosphate (as P) | √ | √ | √ | | √ |
| Total Kjeldahl-nitrogen | | √ | √ | | √ |
| Total Nitrogen | | √ | | | |
| Total phosphorus | | √ | √ | | √ |
| Demands | | | | | |
| Biochemical oxygen demand | | √ | | | √ |
| Carbonaceous BOD | | √ | | | √ |
| Chemical oxygen demand | | √ | | | √ |
| Total organic carbon | √ | √ | √ | | √ |
| Minerals | | | | | |
| Alkalinity, total (CaCO ₃) | √ | √ | | | √ |
| Calcium | √ | √ | | | |
| Chloride | √ | √ | √ | | √ |
| Fluoride | √ | √ | √ | | √ |
| Calcium hardness (as CaCO ₃) | √ | √ | √ | | √ |
| Hardness, total (CaCO ₃) | √ | √ | | | √ |
| Magnesium | √ | √ | | | |
| Potassium | √ | √ | | | |
| Sodium | √ | √ | | | |
| Specific conductance (25°C) | √ | √ | | | √ |
| Sulfate | √ | √ | √ | | √ |
| Sulfide | | √ | | | |
| Total dissolved solids at 180°C | √ | √ | | | √ |
| Total solids | √ | √ | √ | | √ |
| Microbiology | | | | | |
| Fecal Coliform, MF | √ | √ | | | √ |
| Total Coliform, MF | √ | √ | | | √ |
| Fecal Coliform, MPN | √ | √ | | | √ |
| Total Coliform, MPN | √ | √ | | | √ |
| Total Coliform (p/a) | √ | | | | |
| Fecal Coliform (p/a) | √ | | | | |

| Parameter/Analyte ¹ | Drinking Water | Non-Potable Water | Solid & Chemical Materials | Air ² | DMR-QA ² |
|--|----------------|-------------------|----------------------------|------------------|---------------------|
| E. coli (p/a) | √ | | | | |
| E. coli (MPN) | √ | √ | | | √ |
| E. coli (MF) | √ | √ | | | √ |
| Enterococci, MF | | √ | | | |
| Enterococci, MPN | | √ | | | |
| Enterococci, (p/a) | | √ | | | |
| Fecal Streptococci, MF | | √ | | | |
| Fecal Streptococci, MPN | | √ | | | |
| Heterotrophic Plate Count (MF/PP) | √ | √ | | | |
| Heterotrophic Plate Count (MPN) | √ | √ | | | |
| Miscellaneous Analytes | | | | | |
| Acidity (as CaCO ₃) | | √ | | | |
| Alkalinity (as CaCO ₃) | √ | √ | | | √ |
| Bromate | √ | | | | |
| Bromide | √ | √ | √ | | |
| Ca Hardness (as CaCO ₃) | √ | √ | | | |
| Chlorate | √ | | | | |
| Chlorite | √ | | | | |
| Color | √ | √ | | | |
| Corrosivity | √ | | √ | | |
| Cyanides (Total, Free, Amenable to chlorination) | √ | √ | √ | | √ |
| Dissolved organic carbon | √ | | | | |
| Dissolved oxygen | | √ | | | |
| HEM | | √ | | | |
| Ignitability | | | √ | | |
| Langelier index | √ | | | | |
| Nitrogen oxide | | | | | |
| Non-filterable residue (TSS) | √ | √ | | | √ |
| Oil and Grease | | √ | √ | | √ |
| Perchlorate | √ | √ | | | |
| pH | √ | √ | √ | | √ |
| Reactive cyanide | √ | | √ | | |
| Reactive sulfide | | | √ | | |
| Total residual chlorine | √ | √ | | | √ |
| Residual free chlorine | √ | √ | | | √ |
| Settleable solids | | √ | | | √ |
| SGT-HEM | | √ | | | |
| Silica (as SiO ₂) | √ | √ | | | |
| Sulfate | √ | √ | | | √ |
| Sulfite | | √ | | | |
| Surfactants-MBAS | √ | √ | | | |
| Total filterable residue (TDS) | √ | √ | | | √ |
| Total Hardness (as CaCO ₃) | √ | √ | | | √ |
| Total organic halides (TOX) | | √ | | | |
| Total phenolics (4-AAP) | √ | √ | | | √ |
| Total sulfide | | | √ | | |

| Parameter/Analyte ¹ | Drinking Water | Non-Potable Water | Solid & Chemical Materials | Air ² | DMR-QA ² |
|------------------------------------|----------------|-------------------|----------------------------|------------------|---------------------|
| Turbidity | √ | √ | | | √ |
| UV 254 | √ | | | | |
| Volatile solids | | √ | | | |
| Volatiles | | | | | |
| Acetaldehyde | | | | √ | |
| Acetone | | √ | √ | √ | |
| Acetonitrile | | √ | √ | √ | |
| Acrolein | | √ | √ | √ | |
| Acrylonitrile | | √ | | √ | |
| Benzene | √ | √ | √ | √ | |
| Benzaldehyde | | | | √ | |
| Benzyl chloride | | | | √ | |
| Bromobenzene | √ | √ | √ | √ | |
| Bromochloromethane | √ | √ | √ | √ | |
| Bromodichloromethane | √ | √ | √ | √ | |
| Bromoform | √ | √ | √ | √ | |
| Bromomethane | √ | √ | √ | √ | |
| 1,3-Butadiene | | | | √ | |
| 2-Butanone (MEK) | | √ | √ | √ | |
| Tert-butyl Alcohol | √ | | | | |
| n-Butylbenzene | √ | √ | √ | √ | |
| sec-Butylbenzene | √ | √ | √ | √ | |
| tert-Butylbenzene | √ | √ | √ | √ | |
| Butylaldehyde (butanal) | | | | √ | |
| Carbon disulfide | | √ | √ | √ | |
| Carbon tetrachloride | √ | √ | √ | √ | |
| Chloroacetaldehyde | | | √ | | |
| Chlorobenzene | √ | √ | √ | √ | |
| Chloroethane | √ | √ | √ | √ | |
| Chlorodibromomethane | √ | √ | √ | √ | |
| 2-Chloroethylvinylether | | √ | √ | √ | |
| Chloroform | √ | √ | √ | √ | |
| Chloromethane | √ | √ | √ | √ | |
| 1,2-Dibromo-3-chloropropane (DBCP) | √ | √ | √ | √ | |
| 2-Chlorotoluene | √ | √ | √ | √ | |
| 4-Chlorotoluene | √ | √ | √ | √ | |
| Crotonaldehyde | | | | √ | |
| Cyclohexane | | | | √ | |
| Dibromochloromethane | | √ | | | |
| 1,2-Dibromoethane (EDB) | √ | √ | √ | √ | |
| Dibromomethane | √ | √ | √ | √ | |
| 1,2-Dichlorobenzene | √ | √ | √ | √ | |
| 1,3-Dichlorobenzene | √ | √ | √ | √ | |
| 1,4-Dichlorobenzene | √ | √ | √ | √ | |
| Dichlorodifluoromethane | √ | √ | √ | √ | |
| 1,1-Dichloroethane | √ | √ | √ | √ | |

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|---|----------------|-------------------|----------------------------|------------------|---------------------|
| 1,2-Dichloroethane | √ | √ | √ | √ | |
| 1,1-Dichloroethylene | √ | √ | √ | √ | |
| cis-1,2-Dichloroethylene | √ | √ | √ | √ | |
| 1,2-Dichloropropane | √ | √ | √ | √ | |
| 1,3-Dichloropropane | √ | √ | √ | √ | |
| 2,2-Dichloropropane | √ | √ | √ | √ | |
| 1,1-Dichloropropene | √ | √ | √ | √ | |
| cis-1,3-Dichloropropylene | √ | √ | √ | √ | |
| trans-1,3-Dichloropropylene | √ | √ | √ | √ | |
| trans-1,2-Dichloroethylene | √ | √ | √ | √ | |
| 1,2-Dichlorotetrafluoroethane (Freon 114) | | | | √ | |
| Di-isopropylether | √ | | | | |
| 2,5-Dimethylbenzaldehyde | | | | √ | |
| 1,4-Dioxane | √ | √ | √ | | |
| Ethyl acetate | | | | √ | |
| Ethylbenzene | √ | √ | √ | √ | |
| Ethyl-t-butylether (ETBE) | √ | | √ | | |
| Ethylene dibromide (EDB) | √ | | √ | | |
| p-Ethyltoluene | | | | √ | |
| Formaldehyde | | | | √ | |
| n-Heptane | | | | √ | |
| Hexaldehyde | | | | √ | |
| n-Hexane | | | | √ | |
| 2-Hexanone | | √ | √ | √ | |
| Hexachlorobutadiene | √ | √ | √ | √ | |
| Hexachloroethane | | √ | √ | √ | |
| Di-n-butylphthalate | √ | | | | |
| Isopropyl alcohol | | | | √ | |
| Isopropylbenzene | √ | √ | √ | √ | |
| 4-Isopropyltoluene | √ | √ | √ | √ | |
| Isovaleraldehyde | | | | √ | |
| Methylene chloride | √ | √ | √ | √ | |
| Methyl methacrylate | | | | √ | |
| 4-Methyl-2-pentanone (MIBK) | | √ | √ | √ | |
| Methyl tert-butyl ether (MTBE) | √ | √ | √ | √ | |
| Naphthalene | √ | √ | √ | √ | |
| Nitrobenzene | | √ | √ | √ | |
| 1-Phenylpropane | √ | | | | |
| Propionaldehyde (propanol) | | | | √ | |
| n-Propylbenzene | √ | √ | √ | √ | |
| Propylene | | | | √ | |
| Pyridine | | | √ | | |
| Styrene | √ | √ | √ | √ | |
| 1,1,1,2-Tetrachloroethane | √ | √ | √ | √ | |
| 1,1,2,2-Tetrachloroethane | √ | √ | √ | √ | |
| Tetrachloroethylene | √ | √ | √ | √ | |
| o-Tolualdehyde | | | | √ | |

| Parameter/Analyte ¹ | Drinking Water | Non-Potable Water | Solid & Chemical Materials | Air ² | DMR-QA ² |
|--------------------------------------|----------------|-------------------|----------------------------|------------------|---------------------|
| m-Tolualdehyde | | | | √ | |
| p-Tolualdehyde | | | | √ | |
| Toluene | √ | √ | √ | √ | |
| 2-Amino-1-methylbenzene | | | √ | | |
| 1,2,3-Trichlorobenzene | √ | √ | √ | √ | |
| 1,2,4-Trichlorobenzene | √ | √ | √ | √ | |
| 1,1,1-Trichloroethane | √ | √ | √ | √ | |
| 1,1,2-Trichloroethane | √ | √ | √ | √ | |
| Trichloroethylene/Trichloroethene | √ | √ | √ | √ | |
| Trichlorofluoromethane | √ | √ | √ | √ | |
| 1,2,3-Trichloropropane | √ | √ | √ | √ | |
| Trichlorotrifluoroethane (Freon 113) | √ | | | √ | |
| 1,2,4-Trimethylbenzene | √ | √ | √ | √ | |
| 1,3,5-Trimethylbenzene | √ | √ | √ | √ | |
| TAME | √ | | √ | | |
| Valeraldehyde (pentanal) | | | | √ | |
| Vinyl acetate | | √ | √ | √ | |
| Vinyl bromide | | | | √ | |
| Vinyl chloride | √ | √ | √ | √ | |
| Xylenes, (total, o, m&p) | √ | √ | √ | √ | |
| Semi-Volatiles | | | | | |
| Acenaphthene | √ | √ | √ | √ | |
| Acenaphthylene | √ | √ | √ | √ | |
| Aniline | | √ | √ | √ | |
| Anthracene | √ | √ | √ | √ | |
| Benzidine | | √ | √ | √ | |
| Benzoic acid | | √ | √ | √ | |
| Benzo (a) anthracene | √ | √ | √ | √ | |
| Benzo (b) fluoranthene | √ | √ | √ | √ | |
| Benzo (k) fluoranthene | √ | √ | √ | √ | |
| Benzo (g, h, i) perylene | √ | √ | √ | √ | |
| Benzo (a) pyrene | √ | √ | √ | √ | |
| Benzotrichloride | | | √ | | |
| Benzyl alcohol | | √ | √ | √ | |
| Benzyl chloride | | | √ | | |
| bis(2-chloroethoxy) methane | | √ | √ | √ | |
| bis (2-chloroethyl) ether | | √ | √ | √ | |
| 2,2'-Oxybis(1-chloropropane) | | √ | √ | √ | |
| 4-Bromophenyl-phenylether | | √ | √ | √ | |
| Butylbenzylphthalate | √ | √ | √ | √ | |
| Carbazole | | √ | √ | √ | |
| 4-Chloroaniline | | √ | √ | √ | |
| 4-Chloro-3-methylphenol | | √ | √ | √ | |
| 1-Chloronaphthalene | | √ | √ | √ | |
| 2-Chloronaphthalene | | √ | √ | √ | |
| 2-Chlorophenol | | √ | √ | √ | |

| Parameter/Analyte ¹ | Drinking Water | Non-Potable Water | Solid & Chemical Materials | Air ² | DMR-QA ² |
|--------------------------------|----------------|-------------------|----------------------------|------------------|---------------------|
| 4-Chlorophenylphenyl ether | | √ | √ | √ | |
| Chrysene | √ | √ | √ | √ | |
| Dibenzo (a,h) anthracene | √ | √ | √ | √ | |
| Dibenzofuran | | √ | √ | √ | |
| 1,2-Dichlorobenzene | | √ | √ | √ | |
| 1,3-Dichlorobenzene | | √ | √ | √ | |
| 1,4-Dichlorobenzene | | √ | √ | √ | |
| 3,3'-Dichlorobenzidine | | √ | √ | √ | |
| 2,4-Dichlorophenol | | √ | √ | √ | |
| 2,6-Dichlorophenol | | √ | √ | √ | |
| Diethylphthalate | √ | √ | √ | √ | |
| 2,4-Dimethylphenol | | √ | √ | √ | |
| Dimethylphthalate | √ | √ | √ | √ | |
| 1,3-Dinitrobenzene | | √ | √ | | |
| 1,4-Dinitrobenzene | | | √ | | |
| 2,4-Dinitrophenol | | √ | √ | √ | |
| 2,4-Dinitrotoluene | | √ | √ | √ | |
| 2,6-Dinitrotoluene | | √ | √ | √ | |
| Di-n-butylphthalate | √ | √ | √ | √ | |
| Di-n-octylphthalate | √ | √ | √ | √ | |
| 1,4-Dioxane | √ | √ | √ | | |
| bis (2-ethylhexyl) phthalate | √ | √ | √ | √ | |
| bis (2-Ethylhexyl) adipate | √ | | | | |
| Fluoroanthene | √ | √ | √ | √ | |
| Fluorene | √ | √ | √ | √ | |
| Hexachlorobenzene | | √ | √ | √ | |
| Hexachlorobutadiene | | √ | √ | √ | |
| Hexachloroethane | | √ | √ | √ | |
| Hexachlorocyclopentadiene | | √ | √ | √ | |
| Indeno (1,2,3-cd) pyrene | √ | √ | √ | √ | |
| Isophorone | | √ | √ | √ | |
| 2-Methyl-4,6-dinitrophenol | | √ | √ | √ | |
| 1-Methylnaphthalene | | √ | | √ | |
| 2-Methylnaphthalene | | √ | √ | √ | |
| 2-Methylphenol (o-Cresol) | | √ | √ | √ | |
| 3-Methylphenol | | | √ | | |
| 4-Methylphenol (p-Cresol) | | √ | √ | √ | |
| Naphthalene | √ | √ | √ | √ | |
| 1,4-Naphthoquinone | | | √ | | |
| 2-Nitroaniline | | √ | √ | √ | |
| 3-Nitroaniline | | √ | √ | √ | |
| 4-Nitroaniline | | √ | √ | √ | |
| Nitrobenzene | | √ | √ | √ | |
| 2-Nitrophenol | | √ | √ | √ | |
| 3-Nitrophenol | | √ | √ | √ | |
| 4-Nitrophenol | √ | √ | √ | √ | |
| 4-Nitrophenylphenylether | | | √ | | |
| n-Nitrosodiethylamine | | √ | √ | √ | |

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|--|----------------|-------------------|----------------------------|------------------|---------------------|
| n-Nitrosodimethylamine | | √ | √ | √ | |
| n-Nitrosodiphenylamine | | √ | √ | √ | |
| n-Nitroso-di-n-propylamine | | √ | √ | √ | |
| Pentachlorobenzene | | √ | √ | √ | |
| Pentachlorohexane | | | √ | | |
| Pentachloronitrobenzene | | | √ | | |
| Pentachlorophenol | | √ | √ | √ | |
| Phenanthrene | √ | √ | √ | √ | |
| Phenol | | √ | √ | √ | |
| Pyrene | √ | √ | √ | √ | |
| Pyridine | | √ | √ | √ | |
| 1,2,3,4-Tetrachlorobenzene | | | √ | | |
| 1,2,3,5-Tetrachlorobenzene | | | √ | | |
| 1,2,4,5-Tetrachlorobenzene | | √ | √ | √ | |
| 2,3,4,5-Tetrachlorophenol | | | √ | | |
| 2,3,4,6-Tetrachlorophenol | | √ | √ | √ | |
| 2,3,5,6-Tetrachlorophenol | | | √ | | |
| o-Toluidine | | √ | √ | √ | |
| 1,2,4-Trichlorobenzene | | √ | √ | √ | |
| 1,3,5-Trichlorobenzene | | | √ | | |
| 2,4,5-Trichlorophenol | | √ | √ | √ | |
| 2,4,6-Trichlorophenol | | √ | √ | √ | |
| 2,3,4-Trichlorophenyl-4-nitrophenylether | | | √ | | |
| 2,3,5-Trichlorophenyl-4-nitrophenylether | | | √ | | |
| 2,3,6-Trichlorophenyl-4-nitrophenylether | | | √ | | |
| 2,4,5-Trichlorophenyl-4-nitrophenylether | | | √ | | |
| 2,4,6-Trichlorophenyl-4-nitrophenylether | | | √ | | |
| 3,4,5-Trichlorophenyl-4-nitrophenylether | | | √ | | |
| 1,3,5-Trinitrobenzene | | √ | √ | | |
| 2-Amino-4,6-dinitrotoluene | | √ | √ | | |
| 4-Amino-2,6-dinitrotoluene | | √ | √ | | |
| 1-Chloro-2,4-dinitrobenzene | | | √ | | |
| 1-Chloro-4-nitrobenzene | | | √ | | |
| 3,5-Dichloronitrobenzene | | | √ | | |
| Dinitramine | | | √ | | |
| RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine) | | √ | √ | | |
| 1,2-Naphthoquinone | | | √ | | |
| 2-Nitrotoluene | | √ | √ | | |
| 3-Nitrotoluene | | √ | √ | | |
| 4-Nitrotoluene | | √ | √ | | |
| HMX (Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine) | | √ | √ | | |

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|--|----------------|-------------------|----------------------------|------------------|---------------------|
| 1-Phenylpropane | | | √ | | |
| 2,3,7,8-Tetrachloro-dibenzodioxin | √ | | | | |
| 2,3,4,5-Tetrachloronitrobenzene | | | √ | | |
| Tetryl(methyl-2,4,6-trinitrophenylnitramine) | | √ | √ | | |
| 2,4,6-Trinitrotoluene | | √ | √ | | |
| 2,4-Dinitrotoluene | | √ | √ | | |
| 2,6-Dinitrotoluene | | √ | √ | | |
| Nitrobenzene | | √ | √ | | |
| PFAS | | | | | |
| Per & Polyfluoroalkyl Substances | √ | √ | √ | | |
| Organic Disinfection By-Products | | | | | |
| Chloral Hydrate | √ | | | | |
| Bromochloroacetic Acid | √ | | | | |
| Dibromoacetic Acid | √ | | | | |
| Dichloroacetic Acid | √ | | | | |
| Monobromoacetic Acid | √ | | | | |
| Monochloroacetic Acid | √ | | | | |
| Trichloroacetic Acid | √ | | | | |
| PCBs | | | | | |
| PCBs as decachlorobiphenyl | √ | | | | |
| PCB aroclor identification | √ | | | | |
| Aroclor 1016 | √ | √ | √ | √ | |
| Aroclor 1221 | √ | √ | √ | √ | |
| Aroclor 1232 | √ | √ | √ | √ | |
| Aroclor 1242 | √ | √ | √ | √ | |
| Aroclor 1248 | √ | √ | √ | √ | |
| Aroclor 1254 | √ | √ | √ | √ | |
| Aroclor 1260 | √ | √ | √ | √ | |
| PCB Congeners | √ | √ | √ | | |
| PCBs in Oil | | | | | |
| Aroclor 1016 | | √ | √ | | |
| Aroclor 1221 | | √ | √ | | |
| Aroclor 1232 | | √ | √ | | |
| Aroclor 1242 | | √ | √ | | |
| Aroclor 1248 | | √ | √ | | |
| Aroclor 1254 | | √ | √ | | |
| Aroclor 1260 | | √ | √ | | |
| Carbamates and Vydate | | | | | |
| 3-Hydroxycarbofuran | √ | √ | √ | | |
| Aldicarb | √ | √ | √ | | |
| Aldicarb sulfone | √ | √ | √ | | |

| Parameter/Analyte ¹ | Drinking Water | Non-Potable Water | Solid & Chemical Materials | Air ² | DMR-QA ² |
|--------------------------------|----------------|-------------------|----------------------------|------------------|---------------------|
| Aldicarb sulfoxide | √ | √ | √ | | |
| Baygon | √ | √ | √ | | |
| Carbaryl | √ | √ | √ | | |
| Carbofuran | √ | √ | √ | | |
| Dioxacarb | | | √ | | |
| Diuron | | √ | √ | | |
| Methiocarb | √ | √ | √ | | |
| Methomyl | √ | √ | √ | | |
| Oxamyl (Vydate) | √ | √ | √ | | |
| Promecarb | | | √ | | |
| Propham | | √ | √ | | |
| Pesticides | | | | | |
| Alachlor | √ | √ | | | |
| Aldicarb | | | √ | | |
| Aldicarb sulfone | | | √ | | |
| Aldicarb sulfoxide | | | √ | | |
| Aldrin | √ | √ | √ | √ | |
| Alpha-chlordane | | √ | √ | √ | |
| Ametryn | | √ | | | |
| Anilazine | | √ | | | |
| Atraton | | √ | | | |
| Atrazine | √ | √ | | | |
| Azinphos-methyl (Guthion) | | √ | √ | | |
| alpha-BHC | | √ | √ | √ | |
| beta-BHC | | √ | √ | √ | |
| delta-BHC | | √ | √ | √ | |
| gamma-BHC (Lindane) | | √ | √ | √ | |
| Bromacil | √ | √ | | | |
| Brominal (Bromoxynil) | | | | | |
| Butachlor | √ | √ | | | |
| Butylate | | √ | | | |
| Carbaryl | | | √ | | |
| Carbofuran | | | √ | | |
| Carbophenothion | | √ | | | |
| Chlordane (technical) | √ | √ | √ | | |
| alpha-Chlordane | | √ | √ | | |
| gamma-Chlordane | | √ | √ | | |
| Chlorothalonil | √ | | | | |
| Chlorpyrifos | | √ | √ | | |
| Cyanazine | | √ | | | |
| DDD (4,4) | | √ | √ | √ | |
| DDE (4,4) | | √ | √ | √ | |
| DDT (4,4) | | √ | √ | √ | |
| Deethyl atrazine | | √ | | | |
| Deisopropyl atrazine | | √ | | | |
| Demeton-o | | √ | √ | | |

| Parameter/Analyte ¹ | Drinking Water | Non-Potable Water | Solid & Chemical Materials | Air ² | DMR-QA ² |
|--|----------------|-------------------|----------------------------|------------------|---------------------|
| Demeton-s | | √ | √ | | |
| Demeton | | √ | √ | | |
| Diaminoatrazine | | √ | | | |
| Diazinon | √ | √ | √ | | |
| Dichlorvos (DDVP) | | √ | √ | | |
| Dieldrin | √ | √ | √ | √ | |
| Dioxathion | | √ | | | |
| Dimethoate | √ | √ | | | |
| Disulfoton | | √ | √ | | |
| Diuron | √ | √ | √ | | |
| Endosulfan I | | √ | √ | √ | |
| Endosulfan II | | √ | √ | √ | |
| Endosulfan sulfate | | √ | √ | √ | |
| Endrin | √ | √ | √ | √ | |
| Endrin aldehyde | | √ | √ | √ | |
| Endrin ketone | | √ | √ | √ | |
| EPTC (Eptam, s-ethyl-dipropyl thiocarbamate) | | √ | | | |
| Ethion | | √ | | | |
| Ethoprop | | √ | | | |
| Famphur | | √ | | | |
| Fenuron | | √ | | | |
| Fenitrothion | √ | √ | √ | | |
| Fluometuron | | √ | | | |
| Fonophos | | √ | | | |
| gamma-BHC (Lindane) | √ | √ | | √ | |
| gamma-Chlordane | | √ | √ | √ | |
| Heptachlor | √ | √ | √ | √ | |
| Heptachlor epoxide (beta) | √ | √ | √ | √ | |
| Hexachlorobenzene | √ | | | | |
| Hexachlorocyclopentadiene | √ | | | | |
| Hexazinone | | √ | | | |
| 3-Hydroxycarbofuran | | | √ | | |
| Linuron (Lorox) | | √ | | | |
| Malathion | | √ | √ | | |
| Methoxychlor | √ | √ | √ | √ | |
| Metolachlor | √ | √ | | | |
| Metribuzin | √ | √ | | | |
| Molinate (Odrum) | √ | | | | |
| Monuron | | √ | | | |
| Napropamide | | √ | | | |
| Neburon | | √ | | | |
| Parathion, (including methyl, ethyl) | √ | √ | √ | | |
| Phorate | | √ | √ | | |
| Phosmet (Imidan) | | √ | | | |
| Promecarb | | | √ | | |
| Prometon | √ | √ | | | |
| Prometryn | √ | √ | | | |

| Parameter/Analyte ¹ | Drinking Water | Non-Potable Water | Solid & Chemical Materials | Air ² | DMR-QA ² |
|---|----------------|-------------------|----------------------------|------------------|---------------------|
| Pronamide | | √ | | | |
| Propachlor | √ | √ | | | |
| Propazine | | √ | | | |
| Propham | | √ | | | |
| Propoxur | | | √ | | |
| Ronnel | | √ | √ | | |
| Siduron | | √ | | | |
| Simazine | √ | √ | | | |
| Stirophos | | √ | √ | | |
| Tebuthiuron | | √ | | | |
| Terbacil | | √ | | | |
| Terbufos | | √ | √ | | |
| Thiobencarb | √ | | | | |
| Toxaphene | √ | √ | √ | | |
| Trifluralin (Treflan) | √ | √ | √ | | |
| Herbicides | | | | | |
| Acifluorfen | √ | √ | √ | | |
| Bentazon | √ | √ | √ | | |
| Chloramben | √ | √ | √ | | |
| 2,4-D | √ | √ | √ | | |
| Dacthal (DCPA) | √ | √ | √ | | |
| Dalapon | √ | √ | √ | | |
| 2,4-DB | √ | √ | √ | | |
| Dicamba | √ | √ | √ | | |
| 3,5-Dichlorobenzoic acid | √ | √ | √ | | |
| 2,4-DP (Dichlorprop) | √ | √ | √ | | |
| Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP) | √ | √ | √ | | |
| Diquat | √ | | | | |
| Disulfoton | | √ | √ | | |
| Endothall | √ | | | | |
| Glyphosate | √ | | | | |
| 5-Hydroxydicamba | √ | | | | |
| MCPA | | √ | √ | | |
| MCPP | | √ | √ | | |
| 4-Nitrophenol | √ | √ | √ | | |
| Paraquat | √ | | | | |
| Pentachlorophenol | √ | √ | √ | | |
| Picloram | √ | √ | √ | | |
| Chloramben | √ | √ | √ | | |
| 2,4,5-TP (Silvex) | √ | √ | √ | | |
| 2,4,5-T | √ | √ | √ | | |
| Glycols | | | | | |
| Diethylene glycol | | √ | √ | | |

| Parameter/Analyte ¹ | Drinking Water | Non-Potable Water | Solid & Chemical Materials | Air ² | DMR-QA ² |
|-------------------------------------|----------------|-------------------|----------------------------|------------------|---------------------|
| Ethylene glycol | | √ | √ | | |
| Propylene glycol | | √ | √ | | |
| Tetraethylene glycol | | √ | √ | | |
| Triethylene glycol | | √ | √ | | |
| Petroleum Hydrocarbons/UST Analytes | | | | | |
| Diesel range organics (DRO) | | √ | √ | | |
| Gasoline range organics (GRO) | | √ | √ | | |
| Total petroleum hydrocarbons | | √ | √ | | |
| Alaska BTEX (AK-101) | | √ | √ | | |
| Alaska GRO (AK-101) | | √ | √ | | |
| Alaska DRO (AK-102) | | √ | √ | | |
| Alaska RRO (AK-103) | | | √ | | |

| Parameter/Analyte ¹ | Drinking Water | Non-Potable Water | Solid & Chemical Materials | Air ² | DMR-QA ² |
|---|----------------|-------------------|----------------------------|------------------|---------------------|
| Arizona No. 2 Diesel (C10-C22) | | √ | √ | | |
| Arizona Oil Range Organics (C22-C32) | | √ | √ | | |
| Arizona TPH (C10-C32) | | √ | √ | | |
| Massachusetts EPH | | √ | √ | | |
| Massachusetts VPH | | √ | √ | | |
| C9-C10 Aromatic Hydrocarbons | | √ | √ | | |
| C9-C18 Aliphatic Hydrocarbons | | √ | √ | | |
| C19-C36 Aliphatic Hydrocarbons | | √ | √ | | |
| C11-C22 Aromatic Hydrocarbons | | √ | √ | | |
| C5-C8 Aliphatic Hydrocarbons | | √ | √ | | |
| C9-C12 Aliphatic Hydrocarbons | | √ | √ | | |
| New Jersey EPH | | | √ | | |
| Texas 1005 No. 2 Diesel | | √ | √ | | |
| Texas 1005 Unleaded Gasoline | | √ | √ | | |
| Texas 1005 TPH | | √ | √ | | |
| Washington HEM/SGT-HEM (EPA 1664) | | √ | | | |
| Wisconsin DRO | | √ | | | |
| Wisconsin GRO/PVOC | | √ | | | |
| Radiochemistry | | | | | |
| Gross alpha | √ | | | | |
| Gross Beta | √ | | | | |
| Barium-133 | √ | | | | |
| Cesium-134 | √ | | | | |
| Cesium-137 | √ | | | | |
| Cobalt-60 | √ | | | | |
| Zinc-65 | √ | | | | |
| Tritium | √ | | | | |
| Iodine-131 | √ | | | | |
| Radium-226 | √ | | | | |
| Radium-228 | √ | | | | |
| Strontium-89 | √ | | | | |
| Strontium-90 | √ | | | | |
| Uranium (Natural) | √ | | | | |
| DMR-QA WET | | | | | |
| Fathead minnow - acute – MHSF - 25° - LC50 | | √ | | | √ |
| Fathead minnow – acute - 20% DMW - 25° - LC50 | | √ | | | √ |
| Fathead minnow - chronic MHSF - 25° - NOEC survival | | √ | | | √ |
| Fathead minnow - chronic MHSF- 25° - IC25 (ON) growth | | √ | | | √ |

| Parameter/Analyte ¹ | Drinking Water | Non-Potable Water | Solid & Chemical Materials | Air ² | DMR-QA ² |
|--|----------------|-------------------|----------------------------|------------------|---------------------|
| Fathead minnow - chronic MHSF - 25° - NOEC (ON) growth | | √ | | | √ |
| Fathead minnow - chronic - 20% DMW - 25°- NOEC survival | | √ | | | √ |
| Fathead minnow - chronic - 20% DMW - 25°- IC25 (ON) growth | | √ | | | √ |
| Fathead minnow - chronic - 20% DMW - 25°- NOEC (ON) growth | | √ | | | √ |
| Ceriodaphnia dubia – acute – MHSF - 25° -LC50 | | √ | | | √ |
| Ceriodaphnia dubia - acute - 20% DMW - 25° - LC 50 | | √ | | | √ |
| Ceriodaphnia dubia – 3 brood – chronic - MHSF- 25°- NOEC survival | | √ | | | √ |
| Ceriodaphnia dubia – 3 brood – chronic - MHSF- 25°- IC25 reproduction | | √ | | | √ |
| Ceriodaphnia dubia – 3 brood – chronic - MHSF- 25°- NOEC reproduction | | √ | | | √ |
| Ceriodaphnia dubia – 3 brood – chronic – 20% DMW- 25°- NOEC survival | | √ | | | √ |
| Ceriodaphnia dubia – 3 brood – chronic – 20% DMW- 25°- IC25 reproduction | | √ | | | √ |
| Ceriodaphnia dubia – 3 brood – chronic – 20% DMW- 25°- NOEC reproduction | | √ | | | √ |
| Daphnia magna - acute - MHSF 25° - LC50 | | √ | | | √ |
| Daphnia pulex - acute - MHSF 25° - LC50 | | √ | | | √ |
| Mysid - acute – SSW - 25°-LC50 | | √ | | | √ |
| Mysid – chronic – SSW – 25° - NOEC survival | | √ | | | √ |
| Mysid – chronic – SSW – 25° - IC25 (ON) growth | | √ | | | √ |
| Mysid – chronic – SSW – 25° - NOEC (ON) growth | | √ | | | √ |
| Inland silverside – acute – SSW - 25° - LC50 | | √ | | | √ |
| Inland silverside – chronic – SSW – 25° - NOEC survival | | √ | | | √ |
| Inland silverside – chronic – SSW - 25° - IC25 (ON) growth | | √ | | | √ |
| Inland silverside – chronic – SSW – 25° - NOEC (ON) growth | | √ | | | √ |

| Parameter/Analyte ¹ | Drinking Water | Non-Potable Water | Solid & Chemical Materials | Air ² | DMR-QA ² |
|--|----------------|-------------------|----------------------------|------------------|---------------------|
| Sheepshead minnow - acute -SSW - 25°- LC50 | | √ | | | √ |
| Sheepshead minnow - chronic - SSW -25°- NOEC survival | | √ | | | √ |
| Sheepshead minnow - chronic - SSW -25°- IC25 (ON) growth | | √ | | | √ |
| Sheepshead minnow - chronic - SSW -25°- NOEC (ON) growth | | √ | | | √ |
| Air & Emissions Inorganics in Impinger Solutions | | | | | |
| Particulate Matter | | | | √ | |
| Ammonium | | | | √ | |
| Sulfur Dioxide | | | | √ | |
| Sulfuric Acid | | | | √ | |
| Oxides of Nitrogen | | | | √ | |
| Bromine | | | | √ | |
| Chlorine | | | | √ | |
| Fluoride | | | | √ | |
| Hydrogen Bromide | | | | √ | |
| Hydrogen Chloride | | | | √ | |
| Hydrogen Fluoride | | | | √ | |
| Total Halides | | | | √ | |
| Total Halogens | | | | √ | |
| Inorganics on Filters | | | | | |
| Particulate Matter | | | | √ | |
| Metals on Filters | | | | | |
| Antimony | | | | √ | |
| Arsenic | | | | √ | |
| Barium | | | | √ | |
| Beryllium | | | | √ | |
| Cadmium | | | | √ | |
| Chromium | | | | √ | |
| Hexavalent Chromium | | | | √ | |
| Cobalt | | | | √ | |
| Copper | | | | √ | |
| Lead | | | | √ | |
| Manganese | | | | √ | |
| Phosphorus | | | | √ | |
| Nickel | | | | √ | |
| Selenium | | | | √ | |
| Silver | | | | √ | |

| Parameter/Analyte ¹ | Drinking Water | Non-Potable Water | Solid & Chemical Materials | Air ² | DMR-QA ² |
|--------------------------------|----------------|-------------------|----------------------------|------------------|---------------------|
| Thallium | | | | √ | |
| Zinc | | | | √ | |
| Mercury | | | | √ | |
| Metals in Impinger Solutions | | | | | |
| Antimony | | | | √ | |
| Arsenic | | | | √ | |
| Barium | | | | √ | |
| Beryllium | | | | √ | |
| Cadmium | | | | √ | |
| Chromium | | | | √ | |
| Hexavalent Chromium | | | | √ | |
| Cobalt | | | | √ | |
| Copper | | | | √ | |
| Lead | | | | √ | |
| Manganese | | | | √ | |
| Nickel | | | | √ | |
| Phosphorus | | | | √ | |
| Selenium | | | | √ | |
| Silver | | | | √ | |
| Thallium | | | | √ | |
| Zinc | | | | √ | |
| Mercury | | | | √ | |

¹ Assigned values and associated uncertainties are determined by consensus of participants' values, known values, certified reference values or reference values within published target concentration ranges. Published concentration ranges are consistent with the TNI FoPT tables where relevant.

² Denotes non-TNI PT schemes.



Accredited Proficiency Testing Provider

A2LA has accredited

ERA
Golden, CO

This accreditation covers the specific proficiency testing schemes listed on the agreed upon Scope of Accreditation.

This provider is accredited in accordance with the recognized International Standard ISO/IEC 17043: 2010 *Conformity assessment - General requirements for proficiency testing*, and TNI *EL-V3-2016*. This accreditation demonstrates technical competence for a defined scope and the operation of a quality management system.



Presented this 30th day of January 2023.

A blue ink signature of Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1539.01
Valid to September 30, 2024

For the proficiency testing schemes to which this accreditation applies, please refer to the provider's Scope of Accreditation.