



SCOPE OF ACCREDITATION TO THE ISO/IEC 17043:2023

ERA
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PROFICIENCY TESTING PROVIDER

Valid To: September 30, 2026

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	√	√	√	√	

Parameter/Analyte ¹	Drinking Water	Non-Potable Water	Solid & Chemical Materials	Air ²	DMR-QA ²
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		√	√	√	

Parameter/Analyte ¹	Drinking Water	Non-Potable Water	Solid & Chemical Materials	Air ²	DMR-QA ²
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)		√	√		

Parameter/Analyte ¹	Drinking Water	Non-Potable Water	Solid & Chemical Materials	Air ²	DMR-QA ²
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	√	√			
Stiropfos		√	√		
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: 2023 *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 20th day of November 2024.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1539.01
Valid to September 30, 2026

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