



SCOPE OF ACCREDITATION TO ISO GUIDE 43-1:1997 AND ILAC G13:2007

NEW YORK STATE DEPARTMENT OF HEALTH
 ENVIRONMENTAL LABORATORY APPROVAL PROGRAM
 Wadsworth Center
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PROFICIENCY TESTING PROVIDER

Valid To: November 30, 2010

Certificate Number: 1785.01

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 Guide 43-1:1997, ILAC G13:2007, EPA National Standards for Water Proficiency Testing Studies Criteria Document, and relevant sections of ISO Guide 34:2000, ISO/IEC 17025:2005 and 2003 NELAC Chapter 2 and Chapter 5:

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>DMRQA¹</u>	<u>AIR</u>
<u>Metals</u>					
Aluminum	√	√	√	√	
Antimony	√	√	√	√	
Arsenic	√	√	√	√	
Barium	√	√	√	√	
Beryllium	√	√	√	√	
Boron	√	√	√	√	
Cadmium	√	√	√	√	
Calcium	√	√	√	√	
Chromium (total)	√	√	√	√	
Chromium (VI)	√	√	√	√	
Cobalt		√	√	√	
Copper	√	√	√	√	
Iron	√	√	√	√	
Lead	√	√	√	√	
Magnesium	√	√	√	√	
Manganese	√	√	√	√	
Mercury	√	√	√	√	
Mercury(Low Level)		√		√	
Molybdenum	√	√	√	√	
Nickel	√	√	√	√	
Potassium	√	√	√	√	

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<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>DMRQA¹</u>	<u>AIR</u>
Selenium	√	√	√	√	
Silicon					
Silver	√	√	√	√	
Sodium	√	√	√		
Strontium		√	√		
Thallium	√	√	√	√	
Tin		√	√		
Titanium		√			
Uranium	√				
Vanadium	√	√	√	√	
Zinc	√	√	√	√	
<u>Nutrients</u>					
Ammonia (as N)		√		√	
Nitrate (as N)	√	√		√	
Nitrate-nitrite (as N)	√	√			
Nitrite (as N)	√	√		√	
Orthophosphate (as P)	√	√		√	
Total Kjeldahl-nitrogen		√		√	
Total phosphorus		√		√	
<u>Demands</u>					
Biochemical oxygen demand		√		√	
Carbonaceous BOD		√		√	
Chemical oxygen demand		√		√	
Total organic carbon	√	√		√	
<u>Minerals</u>					
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 – * see Total filterable residue		√		√	
Total solids		√			

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>DMRQA¹</u>	<u>AIR</u>
<u>Miscellaneous Analytes</u>					
Alkalinity as CaCO ₃ /L	√	√			
Bromate	√				
Bromide	√	√			
Ca Hardness (as CaCO ₃)	√				
Total Hardness (as CaCO ₃)	√	√			
Chlorate	√				
Chlorite	√				
Color	√	√			
Free cyanide	√				
Residual free chlorine	√				
Total residual chlorine	√	√		√	
Total residual chlorine (Low Level)		√		√	
Total filterable residue	√	√			
Non-filterable residue		√		√	
Oil & Grease		√	√	√	
Perchlorate	√				
pH	√	√	√	√	
Silica (as SiO ₂)	√	√			
Sulfate	√	√			
Total sulfide		√			
Surfactants - MBAS	√	√			
Total cyanide	√	√	√	√	
Total petroleum hydrocarbons		√			
Total phenolics (4AAP)		√		√	
Turbidity	√	√		√	
UV 254	√				
Settleable solids		√		√	
<u>Microbiology</u>					
Heterotrophic plate count (HPC)	√				
Fecal coliform		√		√	
Total coliform	√	√		√	
Enterococcus		√			
E. Coli	√	√			
<u>Volatiles</u>					
Acetone			√		
Benzene	√	√	√		
Bromobenzene	√	√	√		
Bromochloromethane	√				
Bromodichloromethane	√	√	√		
Bromoform	√	√	√		
Bromomethane	√	√	√		
2-Butanone (Methyl ethyl ketone)			√		
n-Butylbenzene	√				



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sec-Butylbenzene	√				
tert-Butylbenzene	√				
Carbon tetrachloride	√	√	√		
Chlorobenzene	√	√	√		
Chloroethane	√	√	√		
Chloromethane	√	√	√		
Chloroform	√	√	√		
1,2-Dibromo-3-chloropropane (DBCP)	√		√		
2-Chlorotoluene	√				
4-Chlorotoluene	√				
Dibromochloromethane	√	√	√		
1,2-Dibromoethane (EDB)	√	√	√		
Dibromomethane	√	√	√		
1,2-Dichlorobenzene	√	√	√		
1,3-Dichlorobenzene	√	√	√		
1,4-Dichlorobenzene	√	√	√		
Dichlorodifluoromethane	√	√	√		
1,1-Dichloroethane	√	√	√		
1,2-Dichloroethane	√	√	√		
1,1-Dichloroethene (syn. 1,1-Dichloroethylene)	√	√	√		
cis-1,2-Dichloroethylene	√	√	√		
trans-1,2-Dihloroethylene	√	√	√		
1,2-Dichloropropane	√	√	√		
1,3-Dichloropropane	√	√	√		
2,2-Dichloropropane	√	√	√		
cis-1,3-Dichloropropene	√	√	√		
1,1-Dichloropropene	√	√	√		
trans-1,3-Dichloropropene	√	√	√		
Ethylbenzene	√	√	√		
Hexachlorobutadiene	√	√	√		
2-Hexanone		√	√		
Isopropylbenzene	√	√	√		
4-Isopropyltoluene	√	√	√		
Methylene chloride	√	√	√		
4-Methyl-2-pentanone (MIBK)		√	√		
Methyl-tert butyl Ether	√	√	√		
Naphthalene			√		
n-Propylbenzene	√	√	√		
Styrene	√	√	√		
1,1,1,2-Tetrachloroethane	√	√	√		
1,1,2,2-Tetrachloroethane	√	√	√		
Tetrachloroethene	√	√	√		
Tetrachloroethylene	√	√	√		
Toluene	√	√	√		

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1,2,4-Trichlorobenzene	√	√	√		
1,1,1-Trichloroethane	√	√	√		
1,1,2-Trichloroethane	√	√	√		
Trichloroethene	√	√	√		
Trichlorofluoromethane	√	√	√		
1,2,3-Trichloropropane	√	√	√		
1,2,4-Trimethylbenzene	√	√	√		
1,3,5-Trimethylbenzene	√	√	√		
Vinyl chloride	√	√	√		
Xylenes, total	√	√	√		
<u>Semivolatiles</u>					
Acenaphthene		√	√		
Acenaphthylene		√	√		
Anthracene		√	√		
Benzidine		√			
Benzo (a) anthracene		√	√		
Benzo (b) fluoranthene		√	√		
Benzo (k) fluoranthene		√	√		
Benzo (ghi) perylene		√	√		
Benzo (a) pyrene	√	√	√		
Benzylbutylphthalate		√	√		
bis (2-chloroethoxy) methane		√	√		
bis (2-chloroethyl) ether		√	√		
bis (2-chloroisopropyl) ether		√	√		
bis (2-ethylhexyl)phthalate		√	√		
4-Bromophenyl-phenylether		√	√		
4-Chloro-3-methylphenol		√	√		
2-Chloronaphthalene		√	√		
2-Chlorophenol		√	√		
4-Chlorophenyl phenyl ether		√	√		
Chrysene		√	√		
Dibenzo (a,h) anthracene		√	√		
Dibenzofuran		√	√		
3,3'-Dichlorobenzidine		√	√		
2,4-Dichlorophenol		√	√		
2,6-Dichlorophenol		√	√		
Diethylphthalate		√	√		
2,4-Dimethylphenol		√	√		
Dimethylphthalate		√	√		
Di-n-butylphthalate		√	√		
2,4-Dinitrophenol		√	√		
2,4-Dinitrotoluene		√	√		
2,6-Dinitrotoluene		√	√		
Di-n-octylphthalate		√	√		



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bis (2-ethylhexyl) phthalate		√	√		
Di (2-Ethylhexyl) adipate	√				
bis (2-Ethylhexyl) phthalate	√				
Fluoroanthene		√	√		
Fluorene		√	√		
Hexachlorobenzene		√	√		
Hexachlorobutadiene	√	√	√		
Hexachlorocyclopentadiene	√	√	√		
Hexachloroethane		√	√		
Indeno (1,2,3-cd) pyrene		√	√		
Isophorone		√	√		
2-Methyl-4,6-Dinitrophenol		√	√		
2-Methylnaphthalene		√	√		
2-Methylphenol (o-Cresol)		√	√		
4-Methylphenol (p-Cresol)		√	√		
Naphthalene		√	√		
Nitrobenzene		√	√		
2-Nitrophenol		√	√		
4-Nitrophenol		√	√		
n-Nitrosodimethylamine		√	√		
n-Nitrosodiphenylamine		√	√		
n-Nitroso-di-n-propylamine		√	√		
Pentachlorophenol		√	√		
Phenanthrene		√	√		
Phenol		√	√		
Pyrene		√	√		
1,2,3-Trichlorobenzene	√	√	√		
2,4,5-Trichlorophenol		√	√		
2,4,6-Trichlorophenol		√	√		
<u>Organic Disinfection By-Products</u>					
Monochloroacetic acid	√				
Bromochloroacetic Acid	√				
Dibromoacetic Acid	√				
Dichloroacetic Acid	√				
Monobromoacetic Acid	√				
Trichloroacetic Acid	√				
<u>PCBs</u>					
PCBs as decachlorobiphenyl	√				
PCB Arochlor Identification	√				
Arochlor 1016		√	√		
Arochlor 1221		√	√		
Arochlor 1232		√	√		
Arochlor 1242		√	√		

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Arochlor 1248		√	√		
Arochlor 1254		√	√		
Arochlor 1260		√	√		
<u>PCBs in Oil</u>					
Arochlor 1016			√		
Arochlor 1242			√		
Arochlor 1254			√		
Arochlor 1260			√		
<u>Carbamates & Vidate</u>					
Aldicarb	√				
Aldicarb Sulfone	√				
Aldicarb Sulfoxide	√				
Carbaryl	√				
Carbofuran	√				
3-Hydroxycarbofuran	√				
Methomyl	√				
Oxamyl (Vydate)	√				
Methiocarb	√				
Baygon	√				
<u>Pesticides</u>					
Alachlor	√				
Aldicarb	√				
Aldicarb sulfone	√				
Aldicarb sulfoxide	√				
Aldrin	√	√	√		
Atrazine	√				
Azinphos-methyl (Guthion)		√			
Alpha-BHC		√	√		
Beta-BHC		√	√		
Delta-BHC		√	√		
Gamma-BHC (Lindane)	√	√	√		
Butachlor	√				
Carbaryl	√				
Carbofuran	√				
Chlordane (technical)	√	√	√		
Alpha-Chlordane		√	√		
Gamma-Chlordane		√	√		
DDD (4,4)		√	√		
DDE (4,4)		√	√		
DDT (4,4)		√	√		
Diazinon		√			
Dieldrin	√	√	√		
Disulfoton			√		

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Endosulfan I		√	√		
Endosulfan II		√	√		
Endosulfan sulfate		√	√		
Endrin	√	√	√		
Endrin aldehyde		√	√		
Endrin ketone		√	√		
Heptachlor	√	√	√		
Heptachlor Epoxide (beta)	√	√	√		
Hexachlorobenzene	√	√	√		
Hexachlorocyclopentadiene	√	√	√		
Malathion		√			
Methoxychlor	√	√	√		
Parathion (ethyl)		√			
Metolachlor	√				
Metribuzin	√				
Propachlor	√				
Simazine	√				
Toxaphene	√	√	√		
Trifluralin (Treflan)	√				
<u>Herbicides</u>					
Acifluorfen	√				
2,4-D	√	√	√		
2,4-DB			√		
Dalapon	√				
Dicamba	√	√	√		
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	√		√		
Diquat	√				
Disulfoton			√		
Endothall	√				
Glyphosate	√				
Paraquat	√				
Pentachlorophenol	√				
Picloram	√	√			
2,4,5-TP (Silvex)	√	√	√		
2,4,5-T		√	√		
<u>Petroleum Hydrocarbons</u>					
Diesel range organics (DRO)			√		
Gasoline range organics (GRO)			√		

Asbestos

Fiber in Air (TEM)

Fiber in Air (PCM)

Metals – Pb in Air Strips

√
√
√



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Asbestos (TEM)	√		√		√
Asbestos (PLM)			√		
Lead in Wipes ¹			√		
Lead in Paint ¹			√		
<u>Radiochemistry</u>					
Gross Alpha	√				
Gross Beta	√				
Iodine-1319	√				
Radium-226	√				
Radium-228	√				
Natural Uranium	√				
Strontium-89	√				
Strontium-90	√				
Tritium	√				
<u>Gamma Emitters</u>					
Barium-133	√				
Cesium-134	√				
Cesium-137	√				
Cobalt-60	√				
Zinc-65	√				

¹ Denotes non-NELAC PT schemes



The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Proficiency Testing Provider

A2LA has accredited

NYS DOH ENVIRONMENTAL LABORATORY APPROVAL PROGRAM

Albany, NY

for technical competence as a

Proficiency Testing Provider

This accreditation covers the specific proficiency testing samples listed on the agreed upon Scope of Accreditation. This provider meets the ILAC G-13:2007 Guidelines for the Requirements for the Competence of Providers of Proficiency Testing (comprising ISO Guide 43-1:1997, the EPA National Standards for Water Proficiency Testing Studies Criteria Document, as well as the relevant elements of ISO/IEC 17025: 2005, ISO Guide 34 and the NELAC Chapters 2 and 5 ISO/IEC 17025:2005 applicable to characterization, homogeneity and stability testing of proficiency testing materials), and the management system requirements of ISO/IEC 17025:2005, which includes the principles of ISO 9000:2005.



Presented this 26th day of March 2009.

President & CEO
For the Accreditation Council
Certificate Number 1785.01
Valid to November 30, 2010

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