



SCOPE OF ACCREDITATION TO ISO/IEC 17043: 2010

NEW YORK STATE DEPARTMENT OF HEALTH
 ENVIRONMENTAL LABORATORY APPROVAL PROGRAM
 Wadsworth Center
 Empire State Plaza
 Albany, NY 12201-0509
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PROFICIENCY TESTING PROVIDER

Valid To: November 30, 2012

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/IEC 17043 and Volume 3: General Requirements For Environmental Proficiency Test Providers (EL-V3-2009):

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>DMRQA¹</u>	<u>AIR¹</u>
<u>Metals</u>					
Aluminum	√	√	√	√	
Antimony	√	√	√	√	
Arsenic	√	√	√	√	
Barium	√	√	√	√	
Beryllium	√	√	√	√	
Boron	√	√	√		
Cadmium	√	√	√	√	
Calcium			√		
Chromium (total)	√	√	√	√	
Chromium (VI)	√	√	√	√	
Cobalt		√	√	√	
Copper	√	√	√	√	
Iron	√	√	√	√	
Lead	√	√	√	√	
Metals – Pb in Air Strips					√
Lead in Wipes ¹			√		
Lead in Paint ¹			√		
Magnesium			√		
Manganese	√	√	√	√	
Mercury	√	√	√	√	
Mercury(Low Level)		√		√	
Molybdenum	√	√	√	√	

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Nickel	√	√	√	√	
Potassium			√		
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		√			

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<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		√	√	√	
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	√	√	√		

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2-Butanone (Methyl ethyl ketone)			√		
n-Butylbenzene	√				
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-Dichloroethylene	√	√	√		
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	√	√	√		

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Tetrachloroethylene	√	√	√		
Toluene	√	√	√		
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		√	√		

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2,6-Dinitrotoluene		√	√		
Di-n-octylphthalate		√	√		
bis (2-ethylhexyl) phthalate		√	√		
1,2-Dichlorobenzene		√	√		
1,3-Dichlorobenzene		√	√		
1,4-Chlorobenzene		√	√		
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	√				

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PCB Arochlor Identification	√				
Arochlor 1016		√	√		
Arochlor 1221		√	√		
Arochlor 1232		√	√		
Arochlor 1242		√	√		
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)		√	√		



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DDE (4,4)		√	√		
DDT (4,4)		√	√		
Diazinon		√			
Dieldrin	√	√	√		
Disulfoton			√		
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)			√		

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<u>Asbestos</u>					
Fiber in Air (TEM)					√
Fiber in Air (PCM)					√
Asbestos (TEM)	√		√		√
Asbestos (PLM)			√		
<u>Radiochemistry</u>					
Gross Alpha	√				
Gross Beta	√				
Iodine-131	√				
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 is accredited in accordance with the recognized International Standard ISO/IEC 17043: 2010 Conformity assessment-General requirements for proficiency testing, TNI EL-V3-2009 and the relevant sections of ISO Guide 34:2009 and ISO /IEC 17025: 2005. This provider meets the management system requirements of ISO/IEC 17043:2010, which includes the principles of ISO 9001: 2008.



Presented this 25th day of April 2011.

President & CEO
For the Accreditation Council
Certificate Number 1785.01
Valid to November 30, 2012

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