

*The Commonwealth of Massachusetts*



*Department of Environmental Protection*

*Division of Environmental Analysis  
Senator William X. Wall Experiment Station*

*certifies*

M-PA009

LANCASTER LABORATORIES INC  
2425 NEW HOLLAND PIKE  
LANCASTER, PA 17601-5994

*Laboratory Director:* Timothy OOSTDYK, PH.D.

*for the analysis of* NON POTABLE WATER (CHEMISTRY)  
POTABLE WATER (CHEMISTRY)

*pursuant to 310 CMR 42.00*

*This certificate supersedes all previous Massachusetts certificates issued to this laboratory. The laboratory is regulated by and shall be responsible for being in compliance with Massachusetts regulations at 310 CMR 42.00.*

*This certificate is valid only when accompanied by the latest dated Certified Parameter List as issued by the Massachusetts D.E.P. Contact the Division of Environmental Analysis to verify the current certification status of the laboratory.*

*Certification is no guarantee of the validity of the data. This certification is subject to unannounced laboratory inspections.*

A handwritten signature in cursive script, reading "Oscar C. Giacalone".

*Director, Division of Environmental Analysis*

*Issued:* 01 JUL 2011

*Expires:* 30 JUN 2012

**COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: 01 JUL 2011

**M-PA009 LANCASTER LABORATORIES INC  
LANCASTER PA**

**NON POTABLE WATER (CHEMISTRY)      Effective Date      01 JUL 2011      Expiration Date      30 JUN 2012**

**Analytes**

**Methods**

ANTIMONY	EPA 200.7
ARSENIC	EPA 200.7
BERYLLIUM	EPA 200.7
CADMIUM	EPA 200.7
CHROMIUM	EPA 200.7
COPPER	EPA 200.7
IRON	EPA 200.7
LEAD	EPA 200.7
MANGANESE	EPA 200.7
MERCURY	EPA 245.1
NICKEL	EPA 200.7
SELENIUM	EPA 200.7
SILVER	EPA 200.7
THALLIUM	EPA 200.7
ZINC	EPA 200.7
PH	SM 4500-H-B
SPECIFIC CONDUCTIVITY	SM 2510B
TOTAL DISSOLVED SOLIDS	SM 2540C
HARDNESS (CaCO3), TOTAL	SM 2340C
CALCIUM	EPA 200.7
SODIUM	EPA 200.7
ALKALINITY, TOTAL	SM 2320B
CHLORIDE	SM 4500-CL-C
CHLORIDE	EPA 300.0
FLUORIDE	EPA 300.0
SULFATE	EPA 300.0
AMMONIA-N	SM18-B,F/19,20-B,D-ELC
NITRATE-N	EPA 300.0
NITRATE-N	EPA 353.2
KJELDAHL-N	EPA 351.2
PHOSPHORUS, TOTAL	EPA 365.1
CHEMICAL OXYGEN DEMAND	EPA 410.4
TOTAL ORGANIC CARBON	SM 5310C
CYANIDE, TOTAL	EPA 335.4
NON-FILTERABLE RESIDUE	SM 2540D
CHLORINE, TOTAL RESIDUAL	SM 4500-CL-F
VOLATILE HALOCARBONS	EPA 624
VOLATILE AROMATICS	EPA 624
CHLORDANE	EPA 608

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**Analytes**

**Methods**

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LANCASTER PA

<b>POTABLE WATER (CHEMISTRY)</b>	<b>Effective Date</b>	<b>01 JUL 2011</b>	<b>Expiration Date</b>	<b>30 JUN 2012</b>
<u>Analytes</u>			<u>Methods</u>	
BARIUM			EPA 200.7	
BERYLLIUM			EPA 200.7	
CADMIUM			EPA 200.7	
CHROMIUM			EPA 200.7	
COPPER			EPA 200.7	
MERCURY			EPA 245.1	
NICKEL			EPA 200.7	
NITRATE-N			EPA 300.0	
NITRITE-N			EPA 300.0	
NITRITE-N			EPA 353.2	
FLUORIDE			EPA 300.0	
SODIUM			EPA 200.7	
SULFATE			EPA 300.0	
CYANIDE, TOTAL			EPA 335.4	
CALCIUM			EPA 200.7	
ALKALINITY, TOTAL			SM 2320B	
TOTAL DISSOLVED SOLIDS			SM 2540C	
PH			EPA 150.1	
2,4-D			EPA 515.1	
2,4,5-TP			EPA 515.1	
DALAPON			EPA 515.1	
DINOSEB			EPA 515.1	
PENTACHLOROPHENOL			EPA 515.1	
PICLORAM			EPA 515.1	
ALACHLOR			EPA 525.2	
ATRAZINE			EPA 525.2	
ENDRIN			EPA 525.2	
HEPTACHLOR			EPA 525.2	
HEPTACHLOR EPOXIDE			EPA 525.2	
HEXACHLOROBENZENE			EPA 508	
HEXACHLOROBENZENE			EPA 525.2	
HEXACHLOROCYCLOPENTADIENE			EPA 525.2	
LINDANE			EPA 525.2	
METHOXYCHLOR			EPA 525.2	
SIMAZINE			EPA 525.2	
ALDICARB			EPA 531.1	
ALDICARB SULFONE			EPA 531.1	
ALDICARB SULFOXIDE			EPA 531.1	
CARBOFURAN			EPA 531.1	
VYDATE			EPA 531.1	
BENZO-A-PYRENE			EPA 525.2	
ADIPATES/PHTHALATES			EPA 525.2	
TRIHALOMETHANES			EPA 524.2	

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POTABLE WATER (CHEMISTRY)

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Analytes

VOLATILE ORGANIC COMPOUNDS  
1,2-DIBROMOETHANE  
1,2-DIBROMO-3-CHLOROPROPANE

Methods

EPA 524.2  
EPA 504.1  
EPA 504.1