

THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

DATA-CHEM LABORATORIES


Cincinnati, OH

for technical competence in the field of

Environmental Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 18 June 2005*).

Presented this 21st day of February 2008.



President

For the Accreditation Council
Certificate Number 1476.01
Valid to December 31, 2009



For the tests or types of tests to which this accreditation applies,
please refer to the laboratory's Environmental Scope of Accreditation.



American Association for Laboratory Accreditation

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

DATA CHEM LABORATORIES
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ENVIRONMENTAL

Valid To: December 31, 2009

Certificate Number: 1476.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below; and for the test methods applicable to Kentucky Statute KRS 224.60-130(2)(a) as it relates to the Kentucky Underground Storage Tank Laboratory Accreditation Program:

Testing Technologies

Atomic Absorption/ICP-AES Spectrometry, Gas Chromatography, Gas Chromatography/Mass Spectrometry, Spectrophotometry (Automated)

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Metals				
Arsenic	-----	EPA 6010B		EPA 6010B
Barium	-----	EPA 6010B		EPA 6010B
Cadmium	-----	EPA 6010B		EPA 6010B
Chromium	-----	EPA 6010B		EPA 6010B
Lead	-----	EPA 6010B		EPA 6010B
Mercury	-----	EPA 7470A		EPA 7471A
Selenium	-----	EPA 6010B		EPA 6010B
Silver	-----	EPA 6010B		EPA 6010B
Purgeable Organics (volatiles)				
Benzene	-----	EPA 8260A & B EPA 8020A		EPA 8260A & B EPA 8020A
2-Butanone	-----	EPA 8260A EPA 8260B		EPA 8260A EPA 8260B
Carbon Tetrachloride	-----	EPA 8260A EPA 8260B		EPA 8260A EPA 8260B
Chlorobenzene	-----	EPA 8260A EPA 8260B		EPA 8260A EPA 8260B
Chloroform	-----	EPA 8260A EPA 8260B		EPA 8260A EPA 8260B
1,4-Dichlorobenzene	-----	EPA 8260A & B		EPA 8260A & B
1,2-Dichloroethane	-----	EPA 8260A & B		EPA 8260A & B
1,1-Dichloroethene	-----	EPA 8260A & B		EPA 8260A & B



<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
<u>Purgeable Organics (volatiles)</u>				
Ethylbenzene	-----	EPA 8260A & B EPA 8020A		EPA 8260A & B EPA 8020A
Gas Range Organics	-----	EPA 8015A*		EPA 8015A*
MTBE	-----	EPA 8260A & B		EPA 8260A & B
Tetrachloroethane	-----	EPA 8260A & B		EPA 8260A & B
Toluene	-----	EPA 8260A & B EPA 8020A		EPA 8260A & B EPA 8020A
Trichloroethene	-----	EPA 8260A & B		EPA 8260A & B
Vinyl Chloride	-----	EPA 8260A & B		EPA 8260A & B
Xylenes, Total	-----	EPA 8260A & B EPA 8020A		EPA 8260A & B EPA 8020A
1,2-Xylene	-----	EPA 8260A & B EPA 8020A		EPA 8260A & B EPA 8020A
1,3-Xylene	-----	EPA 8260A & B EPA 8020A		EPA 8260A & B EPA 8020A
1,4-Xylene	-----	EPA 8260A & B EPA 8020A		EPA 8260A & B EPA 8020A
<u>Extractable Organics (semivolatiles)</u>				
Acenaphthene	-----	EPA 8270C		EPA 8270C
Acenaphthylene	-----	EPA 8270C		EPA 8270C
Benzo(a)anthracene	-----	EPA 8270C		EPA 8270C
Benzo(b)fluoranthene	-----	EPA 8270C		EPA 8270C
Benzo(f)fluoranthene	-----	EPA 8270C		EPA 8270C
Benzo(ghi)perylene	-----	EPA 8270C		EPA 8270C
Benzo(a)pyrene	-----	EPA 8270C		EPA 8270C
Chrysene	-----	EPA 8270C		EPA 8270C
Dibenzo(a,h)anthracene	-----	EPA 8270C		EPA 8270C
1,4-Dichlorobenzene	-----	EPA 8270C		EPA 8270C
Diesel Range Organics	-----	-----		EPA 8015B
2,4-Dinitrotoluene	-----	EPA 8270C		EPA 8270C
Fluoranthene	-----	EPA 8270C		EPA 8270C
Fluorene	-----	EPA 8270C		EPA 8270C
Hexachlorobenzene	-----	EPA 8270C		EPA 8270C
Hexachlorobutadiene	-----	EPA 8270C		EPA 8270C
Hexachloroethane	-----	EPA 8270C		EPA 8270C
Indeno(1,2,3-c,d)pyrene	-----	EPA 8270C		EPA 8270C
2-Methyl Phenol	-----	EPA 8270C		EPA 8270C
4-Methyl Phenol	-----	EPA 8270C		EPA 8270C
Naphthalene	-----	EPA 8270C		EPA 8270C
Nitrobenzene	-----	EPA 8270C		EPA 8270C
Pentachlorophenol	-----	EPA 8270C		EPA 8270C
Phenanthrene	-----	EPA 8270C		EPA 8270C
Pyrene	-----	EPA 8270C		EPA 8270C
Pyridine	-----	EPA 8270C		EPA 8270C
2,4,5-Trichlorophenol	-----	EPA 8270C		EPA 8270C

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
Extractable Organics (semivolatiles)				
2,4,6-Trichlorophenol	-----	EPA 8270C		EPA 8270C

* The method(s) indicated by an asterisk have been modified.