



# State of Kansas

Department of Health and Environment

## CERTIFICATE

*This is to certify that Certification No.: E-10287*

Microbac Laboratories, Inc. - Newton

600 East 17th Street South  
Newton, IA 50208

*has been accredited in accordance with K.S.A. 65-1,109a under the standards adopted in K.A.R. 28-15-36 for performing environmental analyses for the parameters listed on the most current scope of accreditation. Continuous accreditation depends on successful, ongoing participation in the program. Clients are urged to verify with this agency the laboratory's certification status for particular methods and analytes.*

Effective Date: 11/1/2023

Expiration Date: 10/31/2024

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Janet Stanek, Secretary

Laura Kelly, Governor

The Kansas Department of Health and Environment encourages all clients and data users to verify the most current scope of accreditation for certification number E-10287

The analytes tested and the corresponding matrix and method which a laboratory is authorized to perform at any given time will be those indicated in the most recently issued scope of accreditation. The most recent scope of accreditation supersedes all previously issued scopes of accreditation. It is the certified laboratory's responsibility to review this document for any discrepancies. This scope of accreditation will be recalled in the event that your laboratory's certification is revoked.

**Accreditation Start: 11/1/2023 Accreditation End: 10/31/2024**

**EPA Number: IA00044**

**Scope of Accreditation for Certification Number: E-10287**

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Microbac Laboratories, Inc. - Newton

**Primary AB**

**Program/Matrix: CWA (Non Potable Water)**

**Method ASTM D7511-12 (17)**

Total cyanide KS

**Method EPA 160.4**

Residue-volatile KS

**Method EPA 1664A**

Oil & Grease KS

**Method EPA 200.7 Rev 4.4**

Aluminum KS

Antimony KS

Arsenic KS

Barium KS

Beryllium KS

Boron KS

Cadmium KS

Calcium KS

Chromium KS

Cobalt KS

Copper KS

Hardness KS

Iron KS

Lead KS

Magnesium KS

Manganese KS

Molybdenum KS

Nickel KS

Potassium KS

Selenium KS

Kansas Department of Health and Environment  
 Kansas Health Environmental Laboratories  
 6810 SE Dwight Street, Topeka, KS 66620



Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix:** *CWA (Non Potable Water)*

Silica-dissolved	KS
Silver	KS
Sodium	KS
Thallium	KS
Tin	KS
Titanium	KS
Vanadium	KS
Zinc	KS

**Method EPA 200.8 Rev 5.4**

Antimony	KS
Arsenic	KS
Barium	KS
Beryllium	KS
Cadmium	KS
Chromium	KS
Cobalt	KS
Copper	KS
Lead	KS
Manganese	KS
Molybdenum	KS
Nickel	KS
Selenium	KS
Silver	KS
Thallium	KS
Tin	KS
Vanadium	KS
Zinc	KS

**Method EPA 245.1**

Mercury	KS
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**Method EPA 300.0**

Bromide	KS
Chloride	KS
Fluoride	KS
Nitrate	KS
Nitrate plus Nitrite as N	KS
Nitrite	KS
Orthophosphate as P	KS
Sulfate	KS

**Method EPA 351.2**

Total Kjeldahl Nitrogen (TKN)	KS
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**Method EPA 353.2**

Nitrate plus Nitrite as N	KS
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**Method EPA 365.4**

Phosphorus	KS
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**Method EPA 410.4**

Microbac Laboratories, Inc. - Newton

Primary AB

**Program/Matrix:** CWA (Non Potable Water)

Chemical oxygen demand	KS
<b>Method EPA 420.1</b>	
Phenols (Petroleum)	KS
<b>Method EPA 6010B</b>	
Arsenic	KS
Cadmium	KS
Copper	KS
Lead	KS
Molybdenum	KS
Nickel	KS
Selenium	KS
Total chromium	KS
Zinc	KS
<b>Method EPA 6020A</b>	
Arsenic	KS
Cadmium	KS
Copper	KS
Lead	KS
Molybdenum	KS
Nickel	KS
Selenium	KS
Total chromium	KS
Zinc	KS
<b>Method EPA 608</b>	
4,4'-DDD	KS
4,4'-DDE	KS
4,4'-DDT	KS
Aldrin	KS
alpha-BHC (alpha-Hexachlorocyclohexane)	KS
alpha-Chlordane, cis-Chlordane	KS
Aroclor-1016 (PCB-1016)	KS
Aroclor-1221 (PCB-1221)	KS
Aroclor-1232 (PCB-1232)	KS
Aroclor-1242 (PCB-1242)	KS
Aroclor-1248 (PCB-1248)	KS
Aroclor-1254 (PCB-1254)	KS
Aroclor-1260 (PCB-1260)	KS
beta-BHC (beta-Hexachlorocyclohexane)	KS
Chlordane (tech.)(N.O.S.)	KS
delta-BHC	KS
Dieldrin	KS
Endosulfan I	KS
Endosulfan II	KS
Endosulfan sulfate	KS
Endrin	KS
Endrin aldehyde	KS

Microbac Laboratories, Inc. - Newton

Primary AB

**Program/Matrix:** CWA (Non Potable Water)

gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	KS
Heptachlor	KS
Heptachlor epoxide	KS
Toxaphene (Chlorinated camphene)	KS

**Method EPA 608.3 GC-ECD**

4,4'-DDD	KS
4,4'-DDE	KS
4,4'-DDT	KS
Aldrin	KS
alpha-BHC (alpha-Hexachlorocyclohexane)	KS
alpha-Chlordane, cis-Chlordane	KS
Aroclor-1016 (PCB-1016)	KS
Aroclor-1221 (PCB-1221)	KS
Aroclor-1232 (PCB-1232)	KS
Aroclor-1242 (PCB-1242)	KS
Aroclor-1248 (PCB-1248)	KS
Aroclor-1260 (PCB-1260)	KS
beta-BHC (beta-Hexachlorocyclohexane)	KS
Chlordane (tech.)(N.O.S.)	KS
delta-BHC	KS
Dieldrin	KS
Endosulfan I	KS
Endosulfan II	KS
Endosulfan sulfate	KS
Endrin	KS
Endrin aldehyde	KS
gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	KS
Heptachlor	KS
Heptachlor epoxide	KS
Toxaphene (Chlorinated camphene)	KS

**Method EPA 610**

Acenaphthene	KS
Acenaphthylene	KS
Anthracene	KS
Benzo(a)anthracene	KS
Benzo(a)pyrene	KS
Benzo(b)fluoranthene	KS
Benzo(g,h,i)perylene	KS
Benzo(k)fluoranthene	KS
Chrysene	KS
Dibenz(a,h) anthracene	KS
Fluoranthene	KS
Fluorene	KS
Indeno(1,2,3-cd) pyrene	KS
Naphthalene	KS
Phenanthrene	KS

Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix:** *CWA (Non Potable Water)*

Pyrene	KS
<b>Method EPA 612</b>	
Hexachlorobenzene	KS
<b>Method EPA 615</b>	
2,4-D	KS
2,4-DB	KS
Dichloroprop (Dichlorprop)	KS
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	KS
MCPA	KS
MCPP	KS
<b>Method EPA 622</b>	
Azinphos-methyl (Guthion)	KS
Chlorpyrifos	KS
Diazinon	KS
Dichlorovos (DDVP, Dichlorvos)	KS
Disulfoton	KS
Ethoprop	KS
Methyl parathion (Parathion, methyl)	KS
Phorate	KS
Stirolos	KS
<b>Method EPA 624</b>	
1,1,1-Trichloroethane	KS
1,1,2,2-Tetrachloroethane	KS
1,1,2-Trichloroethane	KS
1,1-Dichloroethane	KS
1,1-Dichloroethylene	KS
1,2-Dichlorobenzene (o-Dichlorobenzene)	KS
1,2-Dichloroethane (Ethylene dichloride)	KS
1,2-Dichloropropane	KS
1,3-Dichlorobenzene	KS
1,4-Dichlorobenzene	KS
2-Chloroethyl vinyl ether	KS
Acrolein (Propenal)	KS
Acrylonitrile	KS
Benzene	KS
Bromodichloromethane	KS
Bromoform	KS
Carbon tetrachloride	KS
Chlorobenzene	KS
Chlorodibromomethane	KS
Chloroethane (Ethyl chloride)	KS
Chloroform	KS
cis-1,3-Dichloropropene	KS
Ethylbenzene	KS
Methyl bromide (Bromomethane)	KS
Methyl chloride (Chloromethane)	KS

Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix:** *CWA (Non Potable Water)*

Methylene chloride (Dichloromethane)	KS
Tetrachloroethylene (Perchloroethylene)	KS
Toluene	KS
trans-1,2-Dichloroethylene	KS
trans-1,3-Dichloropropylene	KS
Trichloroethene (Trichloroethylene)	KS
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	KS
Vinyl chloride	KS

**Method EPA 624.1**

1,1,1-Trichloroethane	KS
1,1,2,2-Tetrachloroethane	KS
1,1,2-Trichloroethane	KS
1,1-Dichloroethane	KS
1,1-Dichloroethylene	KS
1,2-Dichlorobenzene (o-Dichlorobenzene)	KS
1,2-Dichloroethane (Ethylene dichloride)	KS
1,2-Dichloropropane	KS
1,3-Dichlorobenzene	KS
1,4-Dichlorobenzene	KS
2-Chloroethyl vinyl ether	KS
Acrolein (Propenal)	KS
Acrylonitrile	KS
Benzene	KS
Bromodichloromethane	KS
Bromoform	KS
Carbon tetrachloride	KS
Chlorobenzene	KS
Chlorodibromomethane	KS
Chloroethane (Ethyl chloride)	KS
Chloroform	KS
cis-1,3-Dichloropropene	KS
Ethylbenzene	KS
Methyl bromide (Bromomethane)	KS
Methyl chloride (Chloromethane)	KS
Methylene chloride (Dichloromethane)	KS
Tetrachloroethylene (Perchloroethylene)	KS
Toluene	KS
trans-1,2-Dichloroethylene	KS
trans-1,3-Dichloropropylene	KS
Trichloroethene (Trichloroethylene)	KS
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	KS
Vinyl chloride	KS

**Method EPA 625**

1,2,4-Trichlorobenzene	KS
2,4,6-Trichlorophenol	KS
2,4-Dichlorophenol	KS

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Primary AB

**Program/Matrix:** CWA (Non Potable Water)

2,4-Dimethylphenol	KS
2,4-Dinitrophenol	KS
2,4-Dinitrotoluene (2,4-DNT)	KS
2,6-Dinitrotoluene (2,6-DNT)	KS
2-Chloronaphthalene	KS
2-Chlorophenol	KS
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	KS
2-Nitrophenol	KS
4-Bromophenyl phenyl ether	KS
4-Chloro-3-methylphenol	KS
4-Chlorophenyl phenylether	KS
4-Nitrophenol	KS
Acenaphthene	KS
Acenaphthylene	KS
Anthracene	KS
Benzidine	KS
Benzo(a)anthracene	KS
Benzo(a)pyrene	KS
Benzo(b)fluoranthene	KS
Benzo(g,h,i)perylene	KS
Benzo(k)fluoranthene	KS
bis(2-Chloroethoxy)methane	KS
bis(2-Chloroethyl) ether	KS
Butyl benzyl phthalate	KS
Chrysene	KS
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	KS
Dibenz(a,h) anthracene	KS
Diethyl phthalate	KS
Dimethyl phthalate	KS
Di-n-butyl phthalate	KS
Di-n-octyl phthalate	KS
Fluoranthene	KS
Fluorene	KS
Hexachlorobenzene	KS
Hexachlorobutadiene	KS
Hexachlorocyclopentadiene	KS
Hexachloroethane	KS
Indeno(1,2,3-cd) pyrene	KS
Isophorone	KS
Naphthalene	KS
Nitrobenzene	KS
n-Nitrosodimethylamine	KS
n-Nitrosodi-n-propylamine	KS
n-Nitrosodiphenylamine	KS
Pentachlorophenol	KS
Phenanthrene	KS
Phenol	KS



Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix:** *CWA (Non Potable Water)*

Pyrene

KS

**Method EPA 625.1**

1,2,4-Trichlorobenzene

KS

2,4,6-Trichlorophenol

KS

2,4-Dichlorophenol

KS

2,4-Dimethylphenol

KS

2,4-Dinitrophenol

KS

2,4-Dinitrotoluene (2,4-DNT)

KS

2,6-Dinitrotoluene (2,6-DNT)

KS

2-Chloronaphthalene

KS

2-Chlorophenol

KS

2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)

KS

2-Nitrophenol

KS

4-Bromophenyl phenyl ether

KS

4-Chloro-3-methylphenol

KS

4-Chlorophenyl phenylether

KS

4-Nitrophenol

KS

Acenaphthene

KS

Acenaphthylene

KS

Anthracene

KS

Benzidine

KS

Benzo(a)anthracene

KS

Benzo(a)pyrene

KS

Benzo(b)fluoranthene

KS

Benzo(g,h,i)perylene

KS

Benzo(k)fluoranthene

KS

bis(2-Chloroethoxy)methane

KS

bis(2-Chloroethyl) ether

KS

Butyl benzyl phthalate

KS

Chrysene

KS

Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)

KS

Dibenz(a,h) anthracene

KS

Diethyl phthalate

KS

Dimethyl phthalate

KS

Di-n-butyl phthalate

KS

Di-n-octyl phthalate

KS

Fluoranthene

KS

Fluorene

KS

Hexachlorobenzene

KS

Hexachlorobutadiene

KS

Hexachlorocyclopentadiene

KS

Hexachloroethane

KS

Indeno(1,2,3-cd) pyrene

KS

Isophorone

KS

Naphthalene

KS

Nitrobenzene

KS

Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix:** *CWA (Non Potable Water)*

n-Nitrosodimethylamine	KS
n-Nitrosodi-n-propylamine	KS
n-Nitrosodiphenylamine	KS
Pentachlorophenol	KS
Phenanthrene	KS
Phenol	KS
Pyrene	KS
<b>Method EPA 7470A</b>	
Mercury	KS
<b>Method SM 2130 B-2001</b>	
Turbidity	KS
<b>Method SM 2310 B-2011</b>	
Acidity, as CaCO <sub>3</sub>	KS
<b>Method SM 2320 B-2011</b>	
Alkalinity as CaCO <sub>3</sub>	KS
<b>Method SM 2510 B-1997</b>	
Conductivity	KS
<b>Method SM 2540 F-2011</b>	
Residue-settleable	KS
<b>Method SM 3112 B-2011</b>	
Mercury	KS
<b>Method SM 3500-Cr B-2011</b>	
Chromium VI	KS
<b>Method SM 4500-Cl G-2011</b>	
Total residual chlorine	KS
<b>Method SM 4500-CN<sup>-</sup> E-2011</b>	
Cyanide	KS
<b>Method SM 4500-H<sup>+</sup> B-1996</b>	
pH	KS
<b>Method SM 4500-NH<sub>3</sub> B-2011</b>	
Ammonia as N	KS
<b>Method SM 4500-NH<sub>3</sub> C-2011</b>	
Ammonia as N	KS
<b>Method SM 4500-S<sub>2</sub><sup>-</sup> D-1988</b>	
Sulfide	KS
<b>Method SM 4500-SiO<sub>2</sub> C-2011</b>	
Silica-dissolved	KS
<b>Method SM 5210 B-2016</b>	
Biochemical oxygen demand	KS
Carbonaceous BOD, CBOD	KS
<b>Method SM 5310 B-2011</b>	
Total organic carbon	KS
<b>Method SM 5310 C-2011</b>	

Microbac Laboratories, Inc. - Newton

**Primary AB**

**Program/Matrix:** *CWA (Non Potable Water)*

Total organic carbon	KS
<b>Method SM 5540 C-2011</b>	
Surfactants - MBAS	KS
<b>Method Timberline Ammonia-001</b>	
Ammonia	KS
<b>Method TKN-NH3-CAL</b>	
Organic nitrogen	KS
<b>Method USGS I-1750-85</b>	
Residue-filterable (TDS)	KS
<b>Method USGS I-3765-85</b>	
Residue-nonfilterable (TSS)	KS

Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix: RCRA (Non Potable Water)****Method EPA 1311**

Toxicity Characteristic Leaching Procedure (TCLP) KS

**Method EPA 1312**

Synthetic Precipitation Leaching Procedure (SPLP) KS

**Method EPA 6010B**

Aluminum KS

Antimony KS

Arsenic KS

Barium KS

Beryllium KS

Boron KS

Cadmium KS

Calcium KS

Chromium KS

Cobalt KS

Copper KS

Iron KS

Lead KS

Magnesium KS

Manganese KS

Molybdenum KS

Nickel KS

Phosphorus KS

Potassium KS

Selenium KS

Silver KS

Sodium KS

Thallium KS

Titanium KS

Vanadium KS

Zinc KS

**Method EPA 6020A**

Antimony KS

Arsenic KS

Barium KS

Beryllium KS

Cadmium KS

Chromium KS

Cobalt KS

Copper KS

Lead KS

Manganese KS

Nickel KS

Selenium KS

Silver KS

Thallium KS

Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix:** *RCRA (Non Potable Water)*

Vanadium	KS
Zinc	KS
<b>Method EPA 7196A</b>	
Chromium VI	KS
<b>Method EPA 7470A</b>	
Mercury	KS
<b>Method EPA 8015</b>	
Diesel range organics (DRO)	KS
Gasoline range organics (GRO)	KS
<b>Method EPA 8081</b>	
4,4'-DDD	KS
4,4'-DDE	KS
4,4'-DDT	KS
Aldrin	KS
alpha-BHC (alpha-Hexachlorocyclohexane)	KS
alpha-Chlordane, cis-Chlordane	KS
beta-BHC (beta-Hexachlorocyclohexane)	KS
Chlordane (tech.)(N.O.S.)	KS
delta-BHC	KS
Dieldrin	KS
Endosulfan I	KS
Endosulfan II	KS
Endosulfan sulfate	KS
Endrin	KS
Endrin aldehyde	KS
Endrin ketone	KS
gamma-BHC (Lindane, gamma-HexachlorocyclohexaneE)	KS
gamma-Chlordane	KS
Heptachlor	KS
Heptachlor epoxide	KS
Hexachlorobenzene	KS
Hexachlorocyclopentadiene	KS
Methoxychlor	KS
Toxaphene (Chlorinated camphene)	KS
<b>Method EPA 8082</b>	
Aroclor-1016 (PCB-1016)	KS
Aroclor-1221 (PCB-1221)	KS
Aroclor-1232 (PCB-1232)	KS
Aroclor-1242 (PCB-1242)	KS
Aroclor-1248 (PCB-1248)	KS
Aroclor-1254 (PCB-1254)	KS
Aroclor-1260 (PCB-1260)	KS
<b>Method EPA 8141</b>	
Azinphos-methyl (Guthion)	KS
Bolstar (Sulprofos)	KS

Microbac Laboratories, Inc. - Newton

Primary AB

**Program/Matrix:** RCRA (Non Potable Water)

Chlorpyrifos	KS
Diazinon	KS
Dichlorovos (DDVP, Dichlorvos)	KS
Disulfoton	KS
EPN	KS
Ethoprop	KS
Fenthion	KS
Methyl parathion (Parathion, methyl)	KS
Parathion, ethyl	KS
Phorate	KS
Ronnel	KS
Sulfotep (Tetraethyl dithiopyrophosphate)	KS
Tetrachlorvinphos (Stirophos, Gardona) Mixed isomers	KS
Trichloronate	KS

**Method EPA 8151A**

2,4,5-T	KS
2,4-D	KS
2,4-DB	KS
3,5-Dichlorobenzoic acid	KS
Bentazon	KS
Chloramben	KS
Dacthal (DCPA)	KS
Dalapon	KS
Dicamba	KS
Dichloroprop (Dichlorprop)	KS
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	KS
MCPA	KS
MCPP	KS
Pentachlorophenol	KS
Picloram	KS
Silvex (2,4,5-TP)	KS

**Method EPA 8260B**

1,1,1,2-Tetrachloroethane	KS
1,1,1-Trichloroethane	KS
1,1,2,2-Tetrachloroethane	KS
1,1,2-Trichloroethane	KS
1,1-Dichloroethane	KS
1,1-Dichloroethylene	KS
1,2,3-Trichloropropane	KS
1,2-Dibromo-3-chloropropane (DBCP)	KS
1,2-Dibromoethane (EDB, Ethylene dibromide)	KS
1,2-Dichlorobenzene (o-Dichlorobenzene)	KS
1,2-Dichloroethane (Ethylene dichloride)	KS
1,2-Dichloropropane	KS
1,3-Dichlorobenzene	KS
1,4-Dichlorobenzene	KS

Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix:** *RCRA (Non Potable Water)*

2-Butanone (Methyl ethyl ketone, MEK)	KS
2-Chloroethyl vinyl ether	KS
2-Hexanone	KS
4-Methyl-2-pentanone (MIBK)	KS
Acetone	KS
Acrolein (Propenal)	KS
Acrylonitrile	KS
Benzene	KS
Bromochloromethane	KS
Bromodichloromethane	KS
Bromoform	KS
Carbon disulfide	KS
Carbon tetrachloride	KS
Chlorobenzene	KS
Chlorodibromomethane	KS
Chloroethane (Ethyl chloride)	KS
Chloroform	KS
cis-1,2-Dichloroethylene	KS
cis-1,3-Dichloropropene	KS
Dichlorodifluoromethane (Freon-12)	KS
Dichlorofluoromethane (Freon 21)	KS
Ethylbenzene	KS
Methyl bromide (Bromomethane)	KS
Methyl chloride (Chloromethane)	KS
Methyl tert-butyl ether (MTBE)	KS
Methylene chloride (Dichloromethane)	KS
Naphthalene	KS
Styrene	KS
Tetrachloroethylene (Perchloroethylene)	KS
Toluene	KS
trans-1,2-Dichloroethylene	KS
trans-1,3-Dichloropropylene	KS
Trichloroethene (Trichloroethylene)	KS
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	KS
Vinyl acetate	KS
Vinyl chloride	KS
Xylene (total)	KS

**Method EPA 8260D**

1,1,1,2-Tetrachloroethane	KS
1,1,1-Trichloroethane	KS
1,1,2,2-Tetrachloroethane	KS
1,1,2-Trichloroethane	KS
1,1-Dichloroethane	KS
1,1-Dichloroethylene	KS
1,2,3-Trichloropropane	KS
1,2-Dibromo-3-chloropropane (DBCP)	KS

Microbac Laboratories, Inc. - Newton

Primary AB

**Program/Matrix:** *RCRA (Non Potable Water)*

1,2-Dibromoethane (EDB, Ethylene dibromide)	KS
1,2-Dichlorobenzene (o-Dichlorobenzene)	KS
1,2-Dichloroethane (Ethylene dichloride)	KS
1,2-Dichloropropane	KS
1,3-Dichlorobenzene	KS
1,4-Dichlorobenzene	KS
2-Butanone (Methyl ethyl ketone, MEK)	KS
2-Chloroethyl vinyl ether	KS
2-Hexanone	KS
4-Methyl-2-pentanone (MIBK)	KS
Acetone	KS
Acrolein (Propenal)	KS
Acrylonitrile	KS
Benzene	KS
Bromochloromethane	KS
Bromodichloromethane	KS
Bromoform	KS
Carbon disulfide	KS
Carbon tetrachloride	KS
Chlorobenzene	KS
Chlorodibromomethane	KS
Chloroethane (Ethyl chloride)	KS
Chloroform	KS
cis-1,2-Dichloroethylene	KS
cis-1,3-Dichloropropene	KS
Dichlorodifluoromethane (Freon-12)	KS
Dichlorofluoromethane (Freon 21)	KS
Ethylbenzene	KS
Methyl bromide (Bromomethane)	KS
Methyl chloride (Chloromethane)	KS
Methyl tert-butyl ether (MTBE)	KS
m-Xylene	KS
Naphthalene	KS
o-Xylene	KS
p-Xylene	KS
Styrene	KS
Tetrachloroethylene (Perchloroethylene)	KS
Toluene	KS
trans-1,2-Dichloroethylene	KS
trans-1,3-Dichloropropylene	KS
Trichloroethene (Trichloroethylene)	KS
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	KS
Vinyl acetate	KS
Vinyl chloride	KS

**Method EPA 8270C**

1,2,4-Trichlorobenzene	KS
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Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix: RCRA (Non Potable Water)**

1,2-Dichlorobenzene (o-Dichlorobenzene)	KS
1,3-Dichlorobenzene	KS
1,4-Dichlorobenzene	KS
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	KS
2,4,5-Trichlorophenol	KS
2,4,6-Trichlorophenol	KS
2,4-Dichlorophenol	KS
2,4-Dimethylphenol	KS
2,4-Dinitrophenol	KS
2,4-Dinitrotoluene (2,4-DNT)	KS
2,6-Dinitrotoluene (2,6-DNT)	KS
2-Chloronaphthalene	KS
2-Chlorophenol	KS
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	KS
2-Methylnaphthalene	KS
2-Methylphenol (o-Cresol)	KS
2-Nitroaniline	KS
2-Nitrophenol	KS
3,3'-Dichlorobenzidine	KS
3-Methylphenol (m-Cresol)	KS
4-Bromophenyl phenyl ether	KS
4-Chloro-3-methylphenol	KS
4-Chloroaniline	KS
4-Chlorophenyl phenylether	KS
4-Methylphenol (p-Cresol)	KS
4-Nitroaniline	KS
4-Nitrophenol	KS
Acenaphthene	KS
Acenaphthylene	KS
Aniline	KS
Anthracene	KS
Benzidine	KS
Benzo(a)anthracene	KS
Benzo(a)pyrene	KS
Benzo(b)fluoranthene	KS
Benzo(g,h,i)perylene	KS
Benzo(k)fluoranthene	KS
Benzoic acid	KS
Benzyl alcohol	KS
bis(2-Chloroethoxy)methane	KS
Butyl benzyl phthalate	KS
Chrysene	KS
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	KS
Dibenz(a,h) anthracene	KS
Dibenzofuran	KS
Diethyl phthalate	KS
Dimethyl phthalate	KS

Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix: RCRA (Non Potable Water)**

Di-n-butyl phthalate	KS
Di-n-octyl phthalate	KS
Fluoranthene	KS
Fluorene	KS
Hexachlorobenzene	KS
Hexachlorobutadiene	KS
Hexachlorocyclopentadiene	KS
Hexachloroethane	KS
Indeno(1,2,3-cd) pyrene	KS
Isophorone	KS
Naphthalene	KS
Nitrobenzene	KS
n-Nitrosodimethylamine	KS
n-Nitrosodi-n-propylamine	KS
n-Nitrosodiphenylamine	KS
Pentachlorophenol	KS
Phenanthrene	KS
Phenol	KS
Pyrene	KS
Pyridine	KS

**Method EPA 8310**

Acenaphthene	KS
Acenaphthylene	KS
Anthracene	KS
Benzo(a)anthracene	KS
Benzo(a)pyrene	KS
Benzo(b)fluoranthene	KS
Benzo(g,h,i)perylene	KS
Benzo(k)fluoranthene	KS
Chrysene	KS
Dibenz(a,h) anthracene	KS
Fluoranthene	KS
Fluorene	KS
Indeno(1,2,3-cd) pyrene	KS
Naphthalene	KS
Phenanthrene	KS
Pyrene	KS

**Method EPA 8330**

1,3,5-Trinitrobenzene (1,3,5-TNB)	KS
1,3-Dinitrobenzene (1,3-DNB)	KS
2,4,6-Trinitrotoluene (2,4,6-TNT)	KS
2,4-Dinitrotoluene (2,4-DNT)	KS
2,6-Dinitrotoluene (2,6-DNT)	KS
2-Amino-4,6-dinitrotoluene (2-am-dnt)	KS
2-Nitrotoluene	KS
3-Nitrotoluene	KS

Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix: RCRA (Non Potable Water)**

4-Amino-2,6-dinitrotoluene (4-am-dnt)	KS
4-Nitrotoluene	KS
Nitrobenzene	KS
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	KS

**Method EPA 9010B**

Total cyanide	KS
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**Method EPA 9023**

Extractable organics halides (EOX)	KS
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**Method EPA 9040B**

pH	KS
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**Method EPA 9056**

Bromide	KS
Chloride	KS
Fluoride	KS
Nitrate	KS
Nitrite	KS
Orthophosphate as P	KS
Sulfate	KS

**Method EPA 9060**

Total organic carbon	KS
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**Method EPA 9065**

Total phenolics	KS
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**Method EPA 9095**

Paint Filter Test	KS
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**Method KS LRH GC-FID**

Total Petroleum Hydrocarbons C5 - C8	KS
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**Method KS MRH/HRH GC-FID**

Total Petroleum Hydrocarbons C19 - C35	KS
Total Petroleum Hydrocarbons C9 - C18	KS

Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix: RCRA (Solid & Hazardous Material)****Method EPA 1010**

Ignitability KS

**Method EPA 1311**

Toxicity Characteristic Leaching Procedure (TCLP) KS

**Method EPA 1312**

Synthetic Precipitation Leaching Procedure (SPLP) KS

**Method EPA 6010B**

Aluminum KS

Antimony KS

Arsenic KS

Barium KS

Beryllium KS

Boron KS

Cadmium KS

Calcium KS

Chromium KS

Cobalt KS

Copper KS

Iron KS

Lead KS

Magnesium KS

Manganese KS

Molybdenum KS

Nickel KS

Phosphorus KS

Potassium KS

Selenium KS

Silver KS

Sodium KS

Thallium KS

Titanium KS

Vanadium KS

Zinc KS

**Method EPA 6020A**

Antimony KS

Arsenic KS

Barium KS

Beryllium KS

Cadmium KS

Chromium KS

Cobalt KS

Copper KS

Lead KS

Manganese KS

Nickel KS

Selenium KS

Microbac Laboratories, Inc. - Newton

Primary AB

**Program/Matrix:** RCRA (Solid & Hazardous Material)

Silver	KS
Thallium	KS
Vanadium	KS
Zinc	KS
<b>Method EPA 7196A</b>	
Chromium VI	KS
<b>Method EPA 7471A</b>	
Mercury	KS
<b>Method EPA 8015</b>	
Diesel range organics (DRO)	KS
Gasoline range organics (GRO)	KS
<b>Method EPA 8081</b>	
4,4'-DDD	KS
4,4'-DDE	KS
4,4'-DDT	KS
Aldrin	KS
alpha-BHC (alpha-Hexachlorocyclohexane)	KS
alpha-Chlordane, cis-Chlordane	KS
beta-BHC (beta-Hexachlorocyclohexane)	KS
Chlordane (tech.)(N.O.S.)	KS
delta-BHC	KS
Dieldrin	KS
Endosulfan I	KS
Endosulfan II	KS
Endosulfan sulfate	KS
Endrin	KS
Endrin aldehyde	KS
Endrin ketone	KS
gamma-BHC (Lindane, gamma-HexachlorocyclohexaneE)	KS
gamma-Chlordane	KS
Heptachlor	KS
Heptachlor epoxide	KS
Hexachlorobenzene	KS
Hexachlorocyclopentadiene	KS
Methoxychlor	KS
Toxaphene (Chlorinated camphene)	KS
<b>Method EPA 8082</b>	
Aroclor-1016 (PCB-1016)	KS
Aroclor-1221 (PCB-1221)	KS
Aroclor-1232 (PCB-1232)	KS
Aroclor-1242 (PCB-1242)	KS
Aroclor-1248 (PCB-1248)	KS
Aroclor-1254 (PCB-1254)	KS
Aroclor-1260 (PCB-1260)	KS
<b>Method EPA 8141</b>	

Microbac Laboratories, Inc. - Newton

Primary AB

**Program/Matrix: RCRA (Solid & Hazardous Material)**

Azinphos-methyl (Guthion)	KS
Bolstar (Sulprofos)	KS
Chlorpyrifos	KS
Diazinon	KS
Dichlorovos (DDVP, Dichlorvos)	KS
Disulfoton	KS
EPN	KS
Ethoprop	KS
Fenthion	KS
Malathion	KS
Methyl parathion (Parathion, methyl)	KS
Parathion, ethyl	KS
Phorate	KS
Ronnel	KS
Sulfotep (Tetraethyl dithiopyrophosphate)	KS
Tetrachlorvinphos (Stirophos, Gardona) Mixed isomers	KS
Trichloronate	KS

**Method EPA 8151A**

2,4,5-T	KS
2,4-D	KS
2,4-DB	KS
3,5-Dichlorobenzoic acid	KS
Bentazon	KS
Chloramben	KS
Dacthal (DCPA)	KS
Dalapon	KS
Dicamba	KS
Dichloroprop (Dichlorprop)	KS
MCPA	KS
MCPP	KS
Pentachlorophenol	KS
Picloram	KS
Silvex (2,4,5-TP)	KS

**Method EPA 8260B**

1,1,1,2-Tetrachloroethane	KS
1,1,1-Trichloroethane	KS
1,1,2,2-Tetrachloroethane	KS
1,1,2-Trichloroethane	KS
1,1-Dichloroethane	KS
1,1-Dichloroethylene	KS
1,2,3-Trichloropropane	KS
1,2-Dibromo-3-chloropropane (DBCP)	KS
1,2-Dibromoethane (EDB, Ethylene dibromide)	KS
1,2-Dichlorobenzene (o-Dichlorobenzene)	KS
1,2-Dichloroethane (Ethylene dichloride)	KS
1,2-Dichloropropane	KS

Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix: RCRA (Solid & Hazardous Material)**

1,3-Dichlorobenzene	KS
1,4-Dichlorobenzene	KS
2-Butanone (Methyl ethyl ketone, MEK)	KS
2-Chloroethyl vinyl ether	KS
2-Hexanone	KS
4-Methyl-2-pentanone (MIBK)	KS
Acetone	KS
Acrolein (Propenal)	KS
Acrylonitrile	KS
Benzene	KS
Bromochloromethane	KS
Bromodichloromethane	KS
Bromoform	KS
Carbon disulfide	KS
Carbon tetrachloride	KS
Chlorobenzene	KS
Chlorodibromomethane	KS
Chloroethane (Ethyl chloride)	KS
Chloroform	KS
cis-1,2-Dichloroethylene	KS
cis-1,3-Dichloropropene	KS
Dichlorodifluoromethane (Freon-12)	KS
Dichlorofluoromethane (Freon 21)	KS
Ethylbenzene	KS
Methyl bromide (Bromomethane)	KS
Methyl chloride (Chloromethane)	KS
Methyl tert-butyl ether (MTBE)	KS
Methylene chloride (Dichloromethane)	KS
Naphthalene	KS
Styrene	KS
Tetrachloroethylene (Perchloroethylene)	KS
Toluene	KS
trans-1,2-Dichloroethylene	KS
trans-1,3-Dichloropropylene	KS
Trichloroethene (Trichloroethylene)	KS
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	KS
Vinyl acetate	KS
Vinyl chloride	KS
Xylene (total)	KS

**Method EPA 8260D**

1,1,1,2-Tetrachloroethane	KS
1,1,1-Trichloroethane	KS
1,1,2,2-Tetrachloroethane	KS
1,1,2-Trichloroethane	KS
1,1-Dichloroethane	KS
1,1-Dichloroethylene	KS

Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix: RCRA (Solid & Hazardous Material)**

1,2,3-Trichloropropane	KS
1,2-Dibromo-3-chloropropane (DBCP)	KS
1,2-Dibromoethane (EDB, Ethylene dibromide)	KS
1,2-Dichlorobenzene (o-Dichlorobenzene)	KS
1,2-Dichloroethane (Ethylene dichloride)	KS
1,2-Dichloropropane	KS
1,3-Dichlorobenzene	KS
1,4-Dichlorobenzene	KS
2-Butanone (Methyl ethyl ketone, MEK)	KS
2-Chloroethyl vinyl ether	KS
2-Hexanone	KS
4-Methyl-2-pentanone (MIBK)	KS
Acetone	KS
Acrolein (Propenal)	KS
Acrylonitrile	KS
Benzene	KS
Bromochloromethane	KS
Bromoform	KS
Carbon disulfide	KS
Carbon tetrachloride	KS
Chlorobenzene	KS
Chlorodibromomethane	KS
Chloroethane (Ethyl chloride)	KS
Chloroform	KS
cis-1,2-Dichloroethylene	KS
cis-1,3-Dichloropropene	KS
Dichlorodifluoromethane (Freon-12)	KS
Dichlorofluoromethane (Freon 21)	KS
Ethylbenzene	KS
Methyl bromide (Bromomethane)	KS
Methyl chloride (Chloromethane)	KS
Methyl tert-butyl ether (MTBE)	KS
Methylene chloride (Dichloromethane)	KS
m-Xylene	KS
Naphthalene	KS
o-Xylene	KS
p-Xylene	KS
Styrene	KS
Tetrachloroethylene (Perchloroethylene)	KS
Toluene	KS
trans-1,2-Dichloroethylene	KS
trans-1,3-Dichloropropylene	KS
Trichloroethene (Trichloroethylene)	KS
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	KS
Vinyl acetate	KS
Vinyl chloride	KS



Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix: RCRA (Solid & Hazardous Material)****Method EPA 8270C**

1,2,4-Trichlorobenzene	KS
1,2-Dichlorobenzene (o-Dichlorobenzene)	KS
1,3-Dichlorobenzene	KS
1,4-Dichlorobenzene	KS
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	KS
2,4,5-Trichlorophenol	KS
2,4,6-Trichlorophenol	KS
2,4-Dichlorophenol	KS
2,4-Dimethylphenol	KS
2,4-Dinitrophenol	KS
2,4-Dinitrotoluene (2,4-DNT)	KS
2,6-Dinitrotoluene (2,6-DNT)	KS
2-Chloronaphthalene	KS
2-Chlorophenol	KS
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	KS
2-Methylnaphthalene	KS
2-Methylphenol (o-Cresol)	KS
2-Nitroaniline	KS
2-Nitrophenol	KS
3,3'-Dichlorobenzidine	KS
3-Methylphenol (m-Cresol)	KS
4-Bromophenyl phenyl ether	KS
4-Chloro-3-methylphenol	KS
4-Chloroaniline	KS
4-Chlorophenyl phenylether	KS
4-Methylphenol (p-Cresol)	KS
4-Nitroaniline	KS
4-Nitrophenol	KS
Acenaphthene	KS
Acenaphthylene	KS
Aniline	KS
Anthracene	KS
Benzidine	KS
Benzo(a)anthracene	KS
Benzo(a)pyrene	KS
Benzo(b)fluoranthene	KS
Benzo(g,h,i)perylene	KS
Benzo(k)fluoranthene	KS
Benzoic acid	KS
Benzyl alcohol	KS
bis(2-Chloroethoxy)methane	KS
Butyl benzyl phthalate	KS
Chrysene	KS
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	KS
Dibenz(a,h) anthracene	KS

Microbac Laboratories, Inc. - Newton

Primary AB

**Program/Matrix: RCRA (Solid & Hazardous Material)**

Dibenzofuran	KS
Diethyl phthalate	KS
Dimethyl phthalate	KS
Di-n-butyl phthalate	KS
Di-n-octyl phthalate	KS
Fluoranthene	KS
Fluorene	KS
Hexachlorobenzene	KS
Hexachlorobutadiene	KS
Hexachlorocyclopentadiene	KS
Hexachloroethane	KS
Indeno(1,2,3-cd) pyrene	KS
Isophorone	KS
Naphthalene	KS
Nitrobenzene	KS
n-Nitrosodimethylamine	KS
n-Nitrosodi-n-propylamine	KS
n-Nitrosodiphenylamine	KS
Pentachlorophenol	KS
Phenanthrene	KS
Phenol	KS
Pyrene	KS
Pyridine	KS

**Method EPA 8310**

Acenaphthene	KS
Acenaphthylene	KS
Anthracene	KS
Benzo(a)anthracene	KS
Benzo(a)pyrene	KS
Benzo(b)fluoranthene	KS
Benzo(g,h,i)perylene	KS
Benzo(k)fluoranthene	KS
Chrysene	KS
Dibenz(a,h) anthracene	KS
Fluoranthene	KS
Fluorene	KS
Indeno(1,2,3-cd) pyrene	KS
Naphthalene	KS
Phenanthrene	KS
Pyrene	KS

**Method EPA 8330**

1,3,5-Trinitrobenzene (1,3,5-TNB)	KS
1,3-Dinitrobenzene (1,3-DNB)	KS
2,4,6-Trinitrotoluene (2,4,6-TNT)	KS
2,4-Dinitrotoluene (2,4-DNT)	KS
2,6-Dinitrotoluene (2,6-DNT)	KS

Microbac Laboratories, Inc. - Newton

**Primary AB****Program/Matrix: RCRA (Solid & Hazardous Material)**

2-Amino-4,6-dinitrotoluene (2-am-dnt)	KS
2-Nitrotoluene	KS
3-Nitrotoluene	KS
4-Amino-2,6-dinitrotoluene (4-am-dnt)	KS
4-Nitrotoluene	KS
Nitrobenzene	KS
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	KS
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	KS

**Method EPA 9014**

Cyanide	KS
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**Method EPA 9020B**

Total organic halides (TOX)	KS
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**Method EPA 9045**

pH	KS
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**Method EPA 9056**

Bromide	KS
Chloride	KS
Fluoride	KS
Nitrate	KS
Nitrite	KS
Orthophosphate as P	KS
Sulfate	KS

**Method EPA 9060**

Total organic carbon	KS
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**Method EPA 9095**

Paint Filter Test	KS
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**Method KS LRH GC-FID**

Total Petroleum Hydrocarbons C5 - C8	KS
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**Method KS MRH/HRH GC-FID**

Total Petroleum Hydrocarbons C19 - C35	KS
Total Petroleum Hydrocarbons C9 - C18	KS

**End of Scope of Accreditation**