State of Kansas

Department of Health and Environment

CERTIFICATE

This is to certify that Certification No.: E-10290

Microbac Laboratories, Inc - Ohio Valley Division

158 Starlite Drive
Marietta, OH 45750

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: 11/1/2019

Expiration Date: 10/31/2020

Director
Office of Laboratory Services

Certification Section Chief
Office of Laboratory Services

Division of Environment
Kansas Health and Environmental Laboratories
Environmental Laboratory Improvement Program
6810 SE Dwight Street
Topeka, KS 66620-0001

Kansas Department of Health and Environment

Phone: 785-296-3811
Fax: 785-559-5207
KDHE.ELIPO@KS.GOV
www.kdheks.gov/enviab

Lee A. Norman, M.D., 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-10290

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: 11/1/2019 Accreditation End: 10/31/2020

EPA Number: ***OH00218*** **Scope of Accreditation for Certification Number: E-10290**

Microbac Laboratories, Inc - Ohio Valley Division

	Primary AB
Program/Matrix: ***CWA (Non Potable Water)***	
Method EPA 120.1	
Conductivity	FL
Method EPA 160.4	
Residue-volatile	FL
Method EPA 1664A	
Oil & Grease	FL
Method EPA 180.1	
Turbidity	FL
Method EPA 200.7	
Aluminum	FL
Antimony	FL
Arsenic	FL
Barium	FL
Beryllium	FL
Boron	FL
Cadmium	FL
Calcium	FL
Chromium	FL
Cobalt	FL
Copper	FL
Hardness	FL
Iron	FL
Lead	FL
Magnesium	FL
Manganese	FL
Nickel	FL
Potassium	FL

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

Selenium	FL
Silica-dissolved	FL
Silver	FL
Sodium	FL
Thallium	FL
Tin	FL
Titanium	FL
Vanadium	FL
Zinc	FL
Method EPA 200.8	
Antimony	FL
Arsenic	FL
Barium	FL
Cadmium	FL
Chromium	FL
Cobalt	FL
Copper	FL
Lead	FL
Manganese	FL
Nickel	FL
Selenium	FL
Silver	FL
Thallium	FL
Vanadium	FL
Zinc	FL
Method EPA 245.1	
Mercury	FL
Method EPA 300.0	
Bromide	FL
Chloride	FL
Fluoride	FL
Nitrate	FL
Nitrite	FL
Method EPA 310.2	
Alkalinity as CaCO3	FL
Method EPA 350.1	
Ammonia as N	FL
Method EPA 351.1	
Total Kjeldahl Nitrogen (TKN)	FL
Method EPA 353.2	
Nitrate	FL
Method EPA 365.4	
Phosphorus	FL
Method EPA 410.4	
Chemical oxygen demand	FL

Microbac Laboratories, Inc - Ohio Valley Division **Primary AB**

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

Method EPA 420.1	
Phenols (Petroleum)	FL
Method EPA 6010	
Arsenic	FL
Cadmium	FL
Copper	FL
Lead	FL
Molybdenum	FL
Nickel	FL
Selenium	FL
Zinc	FL
Method EPA 6020	
Arsenic	FL
Cadmium	FL
Copper	FL
Lead	FL
Selenium	FL
Total chromium	FL
Zinc	FL
Method EPA 608	
4,4'-DDD	FL
4,4'-DDE	FL
4,4'-DDT	FL
alpha-BHC (alpha-Hexachlorocyclohexane)	FL
Aroclor-1016 (PCB-1016)	FL
Aroclor-1221 (PCB-1221)	FL
Aroclor-1232 (PCB-1232)	FL
Aroclor-1242 (PCB-1242)	FL
Aroclor-1248 (PCB-1248)	FL
Aroclor-1254 (PCB-1254)	FL
Aroclor-1260 (PCB-1260)	FL
beta-BHC (beta-Hexachlorocyclohexane)	FL
Chlordane (tech.)(N.O.S.)	FL
delta-BHC	FL
Dieldrin	FL
Endosulfan I	FL
Endosulfan II	FL
Endosulfan sulfate	FL
Endrin	FL
Endrin aldehyde	FL
gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	FL
Heptachlor	FL
Heptachlor epoxide	FL
Toxaphene (Chlorinated camphene)	FL
Method EPA 624	
1,1,1-Trichloroethane	FL

Microbac Laboratories, Inc - Ohio Valley Division **Primary AB**

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

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

Method EPA 625

1,2,4-Trichlorobenzene	FL
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	FL
2,4,6-Trichlorophenol	FL
2,4-Dichlorophenol	FL
2,4-Dimethylphenol	FL
2,4-Dinitrotoluene (2,4-DNT)	FL
2,6-Dinitrotoluene (2,6-DNT)	FL
2-Chloronaphthalene	FL
2-Chlorophenol	FL
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	FL
2-Nitrophenol	FL
3,3'-Dichlorobenzidine	FL
4-Bromophenyl phenyl ether	FL
4-Chloro-3-methylphenol	FL

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

4-Chlorophenyl phenylether	FL
4-Nitrophenol	FL
Acenaphthene	FL
Acenaphthylene	FL
Anthracene	FL
Benzidine	FL
Benzo(a)anthracene	FL
Benzo(a)pyrene	FL
Benzo(b)fluoranthene	FL
Benzo(g,h,i)perylene	FL
Benzo(k)fluoranthene	FL
bis(2-Chloroethoxy)methane	FL
bis(2-Chloroethyl) ether	FL
Butyl benzyl phthalate	FL
Chrysene	FL
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	FL
Dibenz(a,h) anthracene	FL
Diethyl phthalate	FL
Dimethyl phthalate	FL
Di-n-butyl phthalate	FL
Di-n-octyl phthalate	FL
Fluoranthene	FL
Fluorene	FL
Hexachlorobenzene	FL
Hexachlorobutadiene	FL
Hexachlorocyclopentadiene	FL
Hexachloroethane	FL
Indeno(1,2,3-cd) pyrene	FL
Isophorone	FL
Naphthalene	FL
Nitrobenzene	FL
n-Nitrosodimethylamine	FL
n-Nitrosodi-n-propylamine	FL
n-Nitrosodiphenylamine	FL
Pentachlorophenol	FL
Phenanthrene	FL
Phenol	FL
Pyrene	FL
Method EPA 7470	
Mercury	FL
Method EPA 8330	
Nitroglycerin	FL
Pentaerythritoltetranitrate	FL
Method HACH 8000	
Chemical oxygen demand	FL
Method SM 2120 B	
Color	FL

Microbac Laboratories, Inc - Ohio Valley Division **Primary AB**

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

Method SM 2310 B	
Acidity, as CaCO3	FL
Method SM 2320 B	
Alkalinity as CaCO3	FL
Method SM 2340 C-1997	
Hardness	FL
Method SM 2510 B	
Conductivity	FL
Method SM 2540 B	
Residue-total	FL
Method SM 2540 C	
Residue-filterable (TDS)	FL
Method SM 2540 D	
Residue-nonfilterable (TSS)	FL
Method SM 2540 F	
Residue-settleable	FL
Method SM 2540 G-1991	
Total, fixed, and volatile residue	FL
Method SM 3500-Cr B	
Chromium VI	FL
Method SM 4500-Cl^- E	
Chloride	FL
Method SM 4500-CN^- C-2011	
Cyanide	FL
Method SM 4500-CN^- G-1997	
Amenable cyanide	FL
Method SM 4500-F^- C-1997	
Fluoride	FL
Method SM 4500-H+ B-1996	
pH	FL
Method SM 4500-NH3 G	
Ammonia as N	FL
Method SM 4500-P E-1988	
Orthophosphate as P	FL
Method SM 4500-$S2^-$ D-1988	
Sulfide	FL
Method SM 5210 B-1988	
Biochemical oxygen demand	FL
Carbonaceous BOD, CBOD	FL
Method SM 5310 C	
Total organic carbon	FL
Method SM 5540 C-1988	
Surfactants - MBAS	FL

Microbac Laboratories, Inc - Ohio Valley Division **Primary AB**

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

Method TKN-NH3-CAL

Organic nitrogen	FL

Microbac Laboratories, Inc - Ohio Valley Division **Primary AB**

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

Method EPA 1010	
Ignitability	FL
Method EPA 6010	
Aluminum	FL
Antimony	FL
Arsenic	FL
Barium	FL
Beryllium	FL
Boron	FL
Calcium	FL
Chromium	FL
Cobalt	FL
Copper	FL
Iron	FL
Lead	FL
Lithium	FL
Magnesium	FL
Manganese	FL
Molybdenum	FL
Nickel	FL
Phosphorus	FL
Potassium	FL
Selenium	FL
Silica as SiO2	FL
Silver	FL
Sodium	FL
Strontium	FL
Thallium	FL
Tin	FL
Titanium	FL
Vanadium	FL
Zinc	FL
Method EPA 6020	
Antimony	FL
Arsenic	FL
Barium	FL
Cadmium	FL
Chromium	FL
Cobalt	FL
Copper	FL
Lead	FL
Manganese	FL
Nickel	FL
Selenium	FL
Silver	FL
Thallium	FL
Vanadium	FL

Microbac Laboratories, Inc - Ohio Valley Division

	Primary AB
Program/Matrix: ***RCRA (Non Potable Water)***	
Zinc	FL
Method EPA 7196	
Chromium VI	FL
Method EPA 7470	
Mercury	FL
Method EPA 8011	
1,2-Dibromo-3-chloropropane (DBCP)	FL
1,2-Dibromoethane (EDB, Ethylene dibromide)	FL
Method EPA 8015	
Diesel range organics (DRO)	FL
Ethanol	FL
Ethylene glycol	FL
Gasoline range organics (GRO)	FL
Isopropyl alcohol (2-Propanol, Isopropanol)	FL
Method EPA 8081	
4,4'-DDD	FL
4,4'-DDE	FL
4,4'-DDT	FL
Aldrin	FL
alpha-BHC (alpha-Hexachlorocyclohexane)	FL
alpha-Chlordane, cis-Chlordane	FL
beta-BHC (beta-Hexachlorocyclohexane)	FL
Chlordane (tech.)(N.O.S.)	FL
delta-BHC	FL
Dieldrin	FL
Endosulfan I	FL
Endosulfan II	FL
Endosulfan sulfate	FL
Endrin	FL
Endrin aldehyde	FL
Endrin ketone	FL
gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	FL
gamma-Chlordane	FL
Heptachlor	FL
Heptachlor epoxide	FL
Methoxychlor	FL
Toxaphene (Chlorinated camphene)	FL
Method EPA 8082	
Aroclor-1016 (PCB-1016)	FL
Aroclor-1221 (PCB-1221)	FL
Aroclor-1232 (PCB-1232)	FL
Aroclor-1242 (PCB-1242)	FL
Aroclor-1248 (PCB-1248)	FL
Aroclor-1254 (PCB-1254)	FL
Aroclor-1260 (PCB-1260)	FL
Method EPA 8151	

Microbac Laboratories, Inc - Ohio Valley Division

	Primary AB
Program/Matrix: ***RCRA (Non Potable Water)***	
2,4,5-T	FL
2,4-D	FL
2,4-DB	FL
Dalapon	FL
Dicamba	FL
Dichloroprop (Dichlorprop)	FL
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	FL
MCPA	FL
MCPP	FL
Pentachlorophenol	FL
Silvex (2,4,5-TP)	FL
Method EPA 8260	
1,1,1,2-Tetrachloroethane	FL
1,1,1-Trichloroethane	FL
1,1,2,2-Tetrachloroethane	FL
1,1,2-Trichloroethane	FL
1,1-Dichloroethane	FL
1,1-Dichloroethylene	FL
1,1-Dichloropropene	FL
1,2,3-Trichlorobenzene	FL
1,2,3-Trichloropropane	FL
1,2,3-Trimethylbenzene	FL
1,2,4-Trichlorobenzene	FL
1,2-Dibromo-3-chloropropane (DBCP)	FL
1,2-Dibromoethane (EDB, Ethylene dibromide)	FL
1,2-Dichlorobenzene (o-Dichlorobenzene)	FL
1,2-Dichloroethane (Ethylene dichloride)	FL
1,2-Dichloropropane	FL
1,3,5-Trimethylbenzene	FL
1,3-Dichlorobenzene	FL
1,3-Dichloropropane	FL
1,4-Dichlorobenzene	FL
1,4-Dioxane (1,4- Diethyleneoxide)	FL
1-Chlorohexane	FL
2,2-Dichloropropane	FL
2-Butanone (Methyl ethyl ketone, MEK)	FL
2-Chloroethyl vinyl ether	FL
2-Chlorotoluene	FL
2-Hexanone	FL
2-Nitropropane	FL
4-Chlorotoluene	FL
4-Isopropyltoluene (p-Cymene,p-Isopropyltoluene)	FL
4-Methyl-2-pentanone (MIBK)	FL
Acetone	FL
Acetonitrile	FL
Acrolein (Propenal)	FL
Acrylonitrile	FL

Microbac Laboratories, Inc - Ohio Valley Division **Primary AB**

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

Allyl chloride (3-Chloropropene)	FL
Benzene	FL
Bromobenzene	FL
Bromochloromethane	FL
Bromodichloromethane	FL
Bromoform	FL
Carbon disulfide	FL
Carbon tetrachloride	FL
Chlorobenzene	FL
Chlorodibromomethane	FL
Chloroethane (Ethyl chloride)	FL
Chloroform	FL
Chloroprene (2-Chloro-1,3-butadiene)	FL
cis-1,2-Dichloroethylene	FL
cis-1,3-Dichloropropene	FL
Dibromomethane (Methylene bromide)	FL
Dichlorodifluoromethane (Freon-12)	FL
Diethyl ether	FL
Ethyl acetate	FL
Ethyl methacrylate	FL
Ethylbenzene	FL
Hexachlorobutadiene	FL
Iodomethane (Methyl iodide)	FL
Isobutyl alcohol (2-Methyl-1-propanol)	FL
Isopropylbenzene	FL
Methacrylonitrile	FL
Methyl bromide (Bromomethane)	FL
Methyl chloride (Chloromethane)	FL
Methyl methacrylate	FL
Methyl tert-butyl ether (MTBE)	FL
Methylene chloride (Dichloromethane)	FL
m-Xylene	FL
Naphthalene	FL
n-Butyl alcohol (1-Butanol, n-Butanol)	FL
n-Butylbenzene	FL
n-Propylbenzene	FL
o-Xylene	FL
Propionitrile (Ethyl cyanide)	FL
p-Xylene	FL
sec-Butylbenzene	FL
Styrene	FL
tert-Butyl alcohol	FL
tert-Butylbenzene	FL
Tetrachloroethylene (Perchloroethylene)	FL
Toluene	FL
trans-1,2-Dichloroethylene	FL
trans-1,3-Dichloropropylene	FL

Microbac Laboratories, Inc - Ohio Valley Division **Primary AB**

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

trans-1,4-Dichloro-2-butene	FL
Trichloroethene (Trichloroethylene)	FL
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	FL
Vinyl acetate	FL
Vinyl chloride	FL

Method EPA 8270

1,2,4,5-Tetrachlorobenzene	FL
1,2,4-Trichlorobenzene	FL
1,2-Dichlorobenzene (o-Dichlorobenzene)	FL
1,2-Diphenylhydrazine	FL
1,3,5-Trinitrobenzene (1,3,5-TNB)	FL
1,3-Dichlorobenzene	FL
1,3-Dinitrobenzene (1,3-DNB)	FL
1,4-Dichlorobenzene	FL
1,4-Naphthoquinone	FL
1,4-Phenylenediamine	FL
1-Naphthylamine	FL
2,3,4,6-Tetrachlorophenol	FL
2,4,5-Trichlorophenol	FL
2,4,6-Trichlorophenol	FL
2,4-Dichlorophenol	FL
2,4-Dimethylphenol	FL
2,4-Dinitrophenol	FL
2,4-Dinitrotoluene (2,4-DNT)	FL
2,6-Dichlorophenol	FL
2,6-Dinitrotoluene (2,6-DNT)	FL
2-Acetylaminofluorene	FL
2-Chloronaphthalene	FL
2-Chlorophenol	FL
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	FL
2-Methylaniline (o-Toluidine)	FL
2-Methylnaphthalene	FL
2-Methylphenol (o-Cresol)	FL
2-Naphthylamine	FL
2-Nitroaniline	FL
2-Nitrophenol	FL
2-Picoline (2-Methylpyridine)	FL
3,3'-Dichlorobenzidine	FL
3,3'-Dimethylbenzidine	FL
3-Methylcholanthrene	FL
3-Methylphenol (m-Cresol)	FL
4-Aminobiphenyl	FL
4-Bromophenyl phenyl ether	FL
4-Chloro-3-methylphenol	FL
4-Chloroaniline	FL
4-Chlorophenyl phenylether	FL
4-Methylphenol (p-Cresol)	FL

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

4-Nitroaniline	FL
4-Nitrophenol	FL
4-Nitroquinoline 1-oxide	FL
5-Nitro-o-toluidine	FL
7,12-Dimethylbenz(a) anthracene	FL
a-a-Dimethylphenethylamine	FL
Acenaphthene	FL
Acenaphthylene	FL
Acetophenone	FL
Aniline	FL
Anthracene	FL
Aramite	FL
Benzidine	FL
Benzo(a)anthracene	FL
Benzo(a)pyrene	FL
Benzo(b)fluoranthene	FL
Benzo(g,h,i)perylene	FL
Benzo(k)fluoranthene	FL
Benzoic acid	FL
Benzyl alcohol	FL
bis(2-Chloroethoxy)methane	FL
bis(2-Chloroethyl) ether	FL
Butyl benzyl phthalate	FL
Chlorobenzilate	FL
Chrysene	FL
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	FL
Diallate	FL
Dibenz(a,h) anthracene	FL
Dibenzofuran	FL
Diethyl phthalate	FL
Dimethoate	FL
Dimethyl phthalate	FL
Di-n-butyl phthalate	FL
Di-n-octyl phthalate	FL
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	FL
Diphenylamine	FL
Disulfoton	FL
Ethyl methanesulfonate	FL
Famphur	FL
Fluoranthene	FL
Fluorene	FL
Hexachlorobenzene	FL
Hexachlorobutadiene	FL
Hexachlorocyclopentadiene	FL
Hexachloroethane	FL
Hexachlorophene	FL
Hexachloropropene	FL

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

Hexamethylphosphoramide (HMPA)	FL
Indeno(1,2,3-cd) pyrene	FL
Isodrin	FL
Isophorone	FL
Isosafrole	FL
Kepone	FL
Malathion	FL
Methapyrilene	FL
Methyl methanesulfonate	FL
Methyl parathion (Parathion, methyl)	FL
Naphthalene	FL
Nitrobenzene	FL
n-Nitrosodiethylamine	FL
n-Nitrosodimethylamine	FL
n-Nitroso-di-n-butylamine	FL
n-Nitrosodi-n-propylamine	FL
n-Nitrosodiphenylamine	FL
n-Nitrosomethylethalamine	FL
n-Nitrosomorpholine	FL
n-Nitrosopiperidine	FL
n-Nitrosopyrrolidine	FL
o,o,o-Triethyl phosphorothioate	FL
Parathion, ethyl	FL
Pentachlorobenzene	FL
Pentachloronitrobenzene	FL
Pentachlorophenol	FL
Phenacetin	FL
Phenanthrene	FL
Phenol	FL
Phorate	FL
Pronamide (Kerb)	FL
Pyrene	FL
Pyridine	FL
Safrole	FL
Sulfotep (Tetraethyl dithiopyrophosphate)	FL
Tetrachlorvinphos (Stirophos, Gardona) Mixed isomers	FL
Thionazin (Zinophos)	FL
Method EPA 8315	
Formaldehyde	FL
Method EPA 8330	
1,3,5-Trinitrobenzene (1,3,5-TNB)	FL
1,3-Dinitrobenzene (1,3-DNB)	FL
2,4,6-Trinitrotoluene (2,4,6-TNT)	FL
2,4-Dinitrotoluene (2,4-DNT)	FL
2,6-Dinitrotoluene (2,6-DNT)	FL
2-Amino-4,6-dinitrotoluene (2-am-dnt)	FL
2-Nitrotoluene	FL

Microbac Laboratories, Inc - Ohio Valley Division **Primary AB**

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

3-Nitrotoluene	FL
4-Amino-2,6-dinitrotoluene (4-am-dnt)	FL
4-Nitrotoluene	FL
Methyl-2,4,6-trinitrophenylnitramine (tetryl)	FL
Nitrobenzene	FL
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	FL
Pentaerythritoltetranitrate	FL
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	FL
Method EPA 8330B	
Nitroglycerin	FL
Pentaerythritoltetranitrate	FL
Method EPA 9010	
Amenable cyanide	FL
Method EPA 9056	
Bromide	FL
Chloride	FL
Fluoride	FL
Nitrate	FL
Nitrite	FL
Sulfate	FL
Method EPA 9060	
Total organic carbon	FL
Method EPA RSK-175 (GC/FID)	
Acetylene	FL
Carbon dioxide	FL
Ethane	FL
Ethene	FL
Methane	FL
n-Butane	FL
n-Propane	FL
Method KS LRH GC-FID	
Total Petroleum Hydrocarbons C5 - C8	FL
Method KS MRH/HRH GC-FID	
Total Petroleum Hydrocarbons C19 - C35	FL
Total Petroleum Hydrocarbons C9 - C18	FL
Method OVL HPLC03/UV	
Acetic acid	FL
Butyric acid	FL
Lactic acid	FL
Propionic acid	FL
Pyruvic acid	FL

Microbac Laboratories, Inc - Ohio Valley Division **Primary AB**

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

Method EPA 1010	
Ignitability	FL
Method EPA 1311	
Toxicity Characteristic Leaching Procedure (TCLP)	FL
Method EPA 1312	
Synthetic Precipitation Leaching Procedure (SPLP)	FL
Method EPA 6010	
Aluminum	FL
Antimony	FL
Arsenic	FL
Barium	FL
Beryllium	FL
Boron	FL
Cadmium	FL
Calcium	FL
Chromium	FL
Cobalt	FL
Copper	FL
Iron	FL
Lead	FL
Lithium	FL
Magnesium	FL
Manganese	FL
Molybdenum	FL
Nickel	FL
Phosphorus	FL
Potassium	FL
Selenium	FL
Silver	FL
Sodium	FL
Strontium	FL
Thallium	FL
Tin	FL
Titanium	FL
Vanadium	FL
Zinc	FL
Method EPA 6020	
Antimony	FL
Arsenic	FL
Barium	FL
Cadmium	FL
Chromium	FL
Cobalt	FL
Copper	FL
Lead	FL
Manganese	FL

Microbac Laboratories, Inc - Ohio Valley Division **Primary AB**

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

Nickel	FL
Selenium	FL
Silver	FL
Thallium	FL
Vanadium	FL
Zinc	FL
Method EPA 7196	
Chromium VI	FL
Method EPA 7471	
Mercury	FL
Method EPA 8015	
Diesel range organics (DRO)	FL
Ethanol	FL
Ethylene glycol	FL
Gasoline range organics (GRO)	FL
Isopropyl alcohol (2-Propanol, Isopropanol)	FL
Methanol	FL
Method EPA 8081	
4,4'-DDD	FL
4,4'-DDE	FL
4,4'-DDT	FL
Aldrin	FL
alpha-BHC (alpha-Hexachlorocyclohexane)	FL
alpha-Chlordane, cis-Chlordane	FL
beta-BHC (beta-Hexachlorocyclohexane)	FL
Chlordane (tech.)(N.O.S.)	FL
delta-BHC	FL
Dieldrin	FL
Endosulfan I	FL
Endosulfan II	FL
Endosulfan sulfate	FL
Endrin	FL
Endrin aldehyde	FL
Endrin ketone	FL
gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	FL
gamma-Chlordane	FL
Heptachlor	FL
Heptachlor epoxide	FL
Methoxychlor	FL
Toxaphene (Chlorinated camphene)	FL
Method EPA 8082	
Aroclor-1016 (PCB-1016)	FL
Aroclor-1221 (PCB-1221)	FL
Aroclor-1232 (PCB-1232)	FL
Aroclor-1242 (PCB-1242)	FL
Aroclor-1248 (PCB-1248)	FL

Microbac Laboratories, Inc - Ohio Valley Division

	Primary AB
Program/Matrix: ***RCRA (Solid & Hazardous Material)***	
Aroclor-1254 (PCB-1254)	FL
Aroclor-1260 (PCB-1260)	FL
Method EPA 8151	
2,4,5-T	FL
2,4-D	FL
2,4-DB	FL
Dalapon	FL
Dicamba	FL
Dichloroprop (Dichlorprop)	FL
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	FL
MCPA	FL
MCPP	FL
Pentachlorophenol	FL
Silvex (2,4,5-TP)	FL
Method EPA 8260	
1,1,1,2-Tetrachloroethane	FL
1,1,1-Trichloroethane	FL
1,1,2,2-Tetrachloroethane	FL
1,1,2-Trichloroethane	FL
1,1-Dichloroethane	FL
1,1-Dichloroethylene	FL
1,1-Dichloropropene	FL
1,2,4-Trichlorobenzene	FL
1,2,4-Trimethylbenzene	FL
1,2-Dibromo-3-chloropropane (DBCP)	FL
1,2-Dibromoethane (EDB, Ethylene dibromide)	FL
1,2-Dichlorobenzene (o-Dichlorobenzene)	FL
1,2-Dichloroethane (Ethylene dichloride)	FL
1,2-Dichloropropane	FL
1,3,5-Trichlorobenzene	FL
1,3-Dichlorobenzene	FL
1,3-Dichloropropane	FL
1,4-Dichlorobenzene	FL
1,4-Dioxane (1,4- Diethyleneoxide)	FL
1-Chlorohexane	FL
2,2-Dichloropropane	FL
2-Butanone (Methyl ethyl ketone, MEK)	FL
2-Chloroethyl vinyl ether	FL
2-Chlorotoluene	FL
2-Hexanone	FL
2-Nitropropane	FL
4-Chlorotoluene	FL
4-Isopropyltoluene (p-Cymene,p-Isopropyltoluene)	FL
4-Methyl-2-pentanone (MIBK)	FL
Acetone	FL
Acetonitrile	FL
Acrolein (Propenal)	FL

Microbac Laboratories, Inc - Ohio Valley Division **Primary AB**

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

Acrylonitrile	FL
Allyl chloride (3-Chloropropene)	FL
Benzene	FL
Bromobenzene	FL
Bromochloromethane	FL
Bromodichloromethane	FL
Bromoform	FL
Carbon disulfide	FL
Carbon tetrachloride	FL
Chlorobenzene	FL
Chlorodibromomethane	FL
Chloroethane (Ethyl chloride)	FL
Chloroform	FL
Chloroprene (2-Chloro-1,3-butadiene)	FL
cis-1,2-Dichloroethylene	FL
cis-1,3-Dichloropropene	FL
Dibromomethane (Methylene bromide)	FL
Dichlorodifluoromethane (Freon-12)	FL
Diethyl ether	FL
Ethyl acetate	FL
Ethyl methacrylate	FL
Ethylbenzene	FL
Hexachlorobutadiene	FL
Iodomethane (Methyl iodide)	FL
Isobutyl alcohol (2-Methyl-1-propanol)	FL
Isopropylbenzene	FL
Methacrylonitrile	FL
Methyl bromide (Bromomethane)	FL
Methyl chloride (Chloromethane)	FL
Methyl methacrylate	FL
Methyl tert-butyl ether (MTBE)	FL
Methylene chloride (Dichloromethane)	FL
m-Xylene	FL
Naphthalene	FL
n-Butyl alcohol (1-Butanol, n-Butanol)	FL
n-Butylbenzene	FL
n-Propylbenzene	FL
o-Xylene	FL
Propionitrile (Ethyl cyanide)	FL
p-Xylene	FL
sec-Butylbenzene	FL
Styrene	FL
tert-Butyl alcohol	FL
tert-Butylbenzene	FL
Tetrachloroethylene (Perchloroethylene)	FL
Toluene	FL
trans-1,2-Dichloroethylene	FL

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

trans-1,3-Dichloropropylene	FL
trans-1,4-Dichloro-2-butene	FL
Trichloroethene (Trichloroethylene)	FL
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	FL
Vinyl acetate	FL
Vinyl chloride	FL

Method EPA 8270

1,2,4,5-Tetrachlorobenzene	FL
1,2,4-Trichlorobenzene	FL
1,2-Dichlorobenzene (o-Dichlorobenzene)	FL
1,2-Diphenylhydrazine	FL
1,3,5-Trinitrobenzene (1,3,5-TNB)	FL
1,3-Dichlorobenzene	FL
1,3-Dinitrobenzene (1,3-DNB)	FL
1,4-Dichlorobenzene	FL
1,4-Naphthoquinone	FL
1,4-Phenylenediamine	FL
1-Naphthylamine	FL
2,3,4,6-Tetrachlorophenol	FL
2,4,5-Trichlorophenol	FL
2,4,6-Trichlorophenol	FL
2,4-Dichlorophenol	FL
2,4-Dinitrophenol	FL
2,4-Dinitrotoluene (2,4-DNT)	FL
2,6-Dinitrotoluene (2,6-DNT)	FL
2-Acetylaminofluorene	FL
2-Chloronaphthalene	FL
2-Chlorophenol	FL
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	FL
2-Methylaniline (o-Toluidine)	FL
2-Methylnaphthalene	FL
2-Methylphenol (o-Cresol)	FL
2-Naphthylamine	FL
2-Nitroaniline	FL
2-Nitrophenol	FL
2-Picoline (2-Methylpyridine)	FL
3,3'-Dichlorobenzidine	FL
3,3'-Dimethylbenzidine	FL
3-Methylcholanthrene	FL
3-Methylphenol (m-Cresol)	FL
3-Nitroaniline	FL
4-Nitrophenol	FL
4-Nitroquinoline 1-oxide	FL
5-Nitro-o-toluidine	FL
7,12-Dimethylbenz(a) anthracene	FL
a-a-Dimethylphenethylamine	FL
Acenaphthene	FL

Microbac Laboratories, Inc - Ohio Valley Division **Primary AB**

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

Acenaphthylene	FL
Acetophenone	FL
Aniline	FL
Anthracene	FL
Aramite	FL
Benzidine	FL
Benzo(a)anthracene	FL
Benzo(a)pyrene	FL
Benzo(b)fluoranthene	FL
Benzo(g,h,i)perylene	FL
Benzo(k)fluoranthene	FL
Benzoic acid	FL
Benzyl alcohol	FL
bis(2-Chloroethoxy)methane	FL
bis(2-Chloroethyl) ether	FL
Butyl benzyl phthalate	FL
Chlorobenzilate	FL
Chrysene	FL
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	FL
Diallate	FL
Dibenz(a,h) anthracene	FL
Dibenzofuran	FL
Diethyl phthalate	FL
Dimethoate	FL
Dimethyl phthalate	FL
Di-n-butyl phthalate	FL
Di-n-octyl phthalate	FL
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	FL
Diphenylamine	FL
Disulfoton	FL
Ethyl methanesulfonate	FL
Famphur	FL
Fluoranthene	FL
Fluorene	FL
Hexachlorobenzene	FL
Hexachlorobutadiene	FL
Hexachlorocyclopentadiene	FL
Hexachloroethane	FL
Hexachlorophene	FL
Hexachloropropene	FL
Hexamethylphosphoramide (HMPA)	FL
Indeno(1,2,3-cd) pyrene	FL
Isodrin	FL
Isophorone	FL
Isosafrole	FL
Kepone	FL
Malathion	FL

Microbac Laboratories, Inc - Ohio Valley Division **Primary AB**

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

Methapyrilene	FL
Methyl methanesulfonate	FL
Methyl parathion (Parathion, methyl)	FL
Naphthalene	FL
Nitrobenzene	FL
n-Nitrosodiethylamine	FL
n-Nitrosodimethylamine	FL
n-Nitroso-di-n-butylamine	FL
n-Nitrosodi-n-propylamine	FL
n-Nitrosodiphenylamine	FL
n-Nitrosomethylethalamine	FL
n-Nitrosomorpholine	FL
n-Nitrosopiperidine	FL
n-Nitrosopyrrolidine	FL
o,o,o-Triethyl phosphorothioate	FL
Parathion, ethyl	FL
Pentachlorobenzene	FL
Pentachloronitrobenzene	FL
Pentachlorophenol	FL
Phenacetin	FL
Phenanthrene	FL
Phenol	FL
Phorate	FL
Pronamide (Kerb)	FL
Pyrene	FL
Pyridine	FL
Safrole	FL
Sulfotep (Tetraethyl dithiopyrophosphate)	FL
Tetrachlorvinphos (Stirophos, Gardona) Mixed isomers	FL
Thionazin (Zinophos)	FL

Method EPA 8315

Formaldehyde	FL

Method EPA 8330

1,3,5-Trinitrobenzene (1,3,5-TNB)	FL
1,3-Dinitrobenzene (1,3-DNB)	FL
2,4,6-Trinitrotoluene (2,4,6-TNT)	FL
2,4-Dinitrotoluene (2,4-DNT)	FL
2,6-Dinitrotoluene (2,6-DNT)	FL
2-Amino-4,6-dinitrotoluene (2-am-dnt)	FL
2-Nitrotoluene	FL
3-Nitrotoluene	FL
4-Amino-2,6-dinitrotoluene (4-am-dnt)	FL
4-Nitrotoluene	FL
Methyl-2,4,6-trinitrophenylnitramine (tetryl)	FL
Nitrobenzene	FL
Nitroglycerin	FL
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	FL

Microbac Laboratories, Inc - Ohio Valley Division

	Primary AB
Program/Matrix: ***RCRA (Solid & Hazardous Material)***	
Pentaerythritoltetranitrate	FL
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	FL
Method EPA 8330B	
Nitroglycerin	FL
Pentaerythritoltetranitrate	FL
Method EPA 9010	
Cyanide	FL
Method EPA 9014	
Cyanide	FL
Method EPA 9030	
Sulfide	FL
Method EPA 9034	
Sulfide	FL
Method EPA 9040	
pH	FL
Method EPA 9045	
pH	FL
Method EPA 9056	
Bromide	FL
Chloride	FL
Fluoride	FL
Nitrate	FL
Nitrite	FL
Sulfate	FL
Method EPA 9071	
Oil & Grease	FL
Method EPA 9095	
Paint Filter Test	FL
Method KS LRH GC-FID	
Total Petroleum Hydrocarbons C5 - C8	FL
Method KS MRH/HRH GC-FID	
Total Petroleum Hydrocarbons C19 - C35	FL
Total Petroleum Hydrocarbons C9 - C18	FL
Method SM 2540 G	
Total, fixed, and volatile residue	FL

End of Scope of Accreditation