



STATE OF KANSAS  
DEPARTMENT OF HEALTH AND ENVIRONMENT  
CERTIFICATE



This is to certify that Certificate No. E-10397

Microbac Laboratories, Inc. Chicagoland Division  
250 West 84th Drive  
Merrillville, IN 46410

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 attached form. 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: 02/01/2017

EXPIRATION DATE: 01/31/2018

Handwritten signature of Susan K. Mosier.

Secretary  
Department of Health and Environment

Handwritten signature of the Section Chief.

Section chief  
Environmental Laboratory Certifications

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT  
ENVIRONMENTAL LABORATORY ACCREDITATION  
SAFE DRINKING WATER ACT PROGRAM - DRINKING WATER MATRIX

PAGE: 1

**This certificate supersedes all previous certificates**

**Microbac Laboratories, Inc. Chicagoland  
Division  
250 West 84th Drive  
Merrillville, IN 46410**

**Certificate Number: E-10397  
Effective Date: 02/01/2017  
Expiration Date: 01/31/2018  
Reciprocity:**

**The laboratory listed above is hereby approved for environmental laboratory accreditation in accordance with K.S.A. 65-1, 109a for the following:**

**\*\*METALS**

Antimony {EPA 200.8}  
Arsenic {EPA 200.8}  
Barium {EPA 200.7}  
Barium {EPA 200.8}  
Beryllium {EPA 200.7}  
Beryllium {EPA 200.8}  
Cadmium {EPA 200.7}  
Cadmium {EPA 200.8}  
Calcium {EPA 200.7}  
Chromium {EPA 200.7}  
Chromium {EPA 200.8}  
Copper {EPA 200.7}  
Copper {EPA 200.8}  
Iron {EPA 200.7}  
Lead {EPA 200.8}  
Magnesium {EPA 200.7}  
Manganese {EPA 200.7}  
Manganese {EPA 200.8}  
Mercury {EPA 200.8}  
Mercury {EPA 245.1}  
Nickel {EPA 200.7}  
Nickel {EPA 200.8}  
Selenium {EPA 200.8}  
Sodium {EPA 200.7}  
Thallium {EPA 200.8}

**\*\*MINERALS**

Fluoride {SM 4500-F C}

**\*\*MISCELLANEOUS**

Chlorine - Total {SM 4500-Cl G}  
Color {SM 2120 B}  
Conductivity {EPA 120.1}  
Conductivity {SM 2510 B}  
Cyanide {EPA 335.4}  
Hydrogen Ion (pH) {SM 4500-H B}  
Ortho-phosphate {EPA 365.1}  
Turbidity {EPA 180.1}

**\*\*NUTRIENTS**

Nitrate {EPA 353.2}  
Nitrite {EPA 353.2}

**End of Parameter List**

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT  
ENVIRONMENTAL LABORATORY ACCREDITATION  
CLEAN WATER ACT PROGRAM - NON-POTABLE WATER MATRIX

PAGE: 1

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**\*\*DEMANDS**

**BOD {SM 5210 B}  
cBOD {SM 5210 B}  
COD {EPA 410.4}  
Oxygen, Dissolved {SM 4500-O C}**

**\*\*METALS**

**Aluminum {EPA 200.7}  
Aluminum {EPA 200.8}  
Antimony {EPA 200.7}  
Antimony {EPA 200.8}  
Arsenic {EPA 200.7}  
Arsenic {EPA 200.8}  
Barium {EPA 200.7}  
Barium {EPA 200.8}  
Beryllium {EPA 200.7}  
Beryllium {EPA 200.8}  
Boron {EPA 200.7}  
Boron {EPA 200.8}  
Cadmium {EPA 200.7}  
Cadmium {EPA 200.8}  
Calcium {EPA 200.7}  
Chromium {EPA 200.7}  
Chromium {EPA 200.8}  
Chromium, VI {SM 3500-Cr B}  
Cobalt {EPA 200.7}  
Cobalt {EPA 200.8}  
Copper {EPA 200.7}  
Copper {EPA 200.8}  
Iron {EPA 200.7}  
Iron {EPA 200.8}  
Lead {EPA 200.7}  
Lead {EPA 200.8}  
Magnesium {EPA 200.7}  
Manganese {EPA 200.7}  
Manganese {EPA 200.8}  
Mercury {EPA 1631 E}  
Mercury {EPA 245.1}  
Molybdenum {EPA 200.7}  
Molybdenum {EPA 200.8}  
Nickel {EPA 200.7}  
Nickel {EPA 200.8}  
Potassium {EPA 200.7}  
Selenium {EPA 200.7}  
Selenium {EPA 200.8}  
Silica, Dissolved {EPA 200.7}  
Silver {EPA 200.7}  
Silver {EPA 200.8}  
Sodium {EPA 200.7}  
Thallium {EPA 200.7}  
Thallium {EPA 200.8}**

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT  
ENVIRONMENTAL LABORATORY ACCREDITATION  
CLEAN WATER ACT PROGRAM - NON-POTABLE WATER MATRIX

PAGE: 2

Tin {EPA 200.7}  
Titanium {EPA 200.7}  
Vanadium {EPA 200.7}  
Vanadium {EPA 200.8}  
Zinc {EPA 200.7}  
Zinc {EPA 200.8}

**\*\*MINERALS**

Alkalinity {SM 2320 B}  
Chloride {SM 4500-Cl B}  
Fluoride {SM 4500-F C}  
Hardness {SM 2340 B or C}

**\*\*MISCELLANEOUS**

Chlorine - Total {SM 4500-Cl G}  
Color {SM 2120 B}  
Conductivity {SM 2510 B}  
Cyanide {SM 4500-CN E}  
Hydrogen Ion (pH) {SM 4500-H B}  
Oil & Grease {EPA 1664}  
Phenolics {EPA 420.1}  
Phenolics {EPA 420.4}  
Temperature {SM 2550 B}

**\*\*NUTRIENTS**

Ammonia {EPA 350.1}  
K Nitrogen {EPA 351.2}  
Nitrate-Nitrite {EPA 353.2}  
Nitrate {EPA 353.2}  
Nitrite {EPA 353.2}  
Organic-Nitrogen {TKN-NH3-CAL}  
Ortho-phosphate {EPA 365.1}  
Phosphorus {EPA 365.1}

**\*\*ORGANIC CHEMISTRY VOLATILES (MEASUREMENT BY GC/MS)**

{EPA 624} 1,1-Dichloroethane  
{EPA 624} 1,1-Dichloroethene  
{EPA 624} 1,1,1-Trichloroethane  
{EPA 624} 1,1,2-Trichloroethane  
{EPA 624} 1,1,2,2-Tetrachloroethane  
{EPA 624} 1,2-Dichlorobenzene  
{EPA 624} 1,2-Dichloroethane  
{EPA 624} 1,2-Dichloropropane  
{EPA 624} 1,3-Dichlorobenzene  
{EPA 624} 1,4-Dichlorobenzene  
{EPA 624} 2-Chloroethyl vinyl ether  
{EPA 624} Acrolein  
{EPA 624} Acrylonitrile  
{EPA 624} Benzene  
{EPA 624} Bromodichloromethane  
{EPA 624} Bromoform  
{EPA 624} Bromomethane (Methyl bromide)  
{EPA 624} Carbon tetrachloride  
{EPA 624} Chlorobenzene  
{EPA 624} Chloroethane  
{EPA 624} Chloroform  
{EPA 624} Chloromethane (Methyl chloride)  
{EPA 624} cis-1,3-Dichloropropene  
{EPA 624} Dibromochloromethane  
{EPA 624} Ethylbenzene  
{EPA 624} Methylene chloride (Dichloromethane)

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT  
ENVIRONMENTAL LABORATORY ACCREDITATION  
CLEAN WATER ACT PROGRAM - NON-POTABLE WATER MATRIX

PAGE: 3

{EPA 624} Tetrachloroethene (Perchloroethylene)  
{EPA 624} Toluene  
{EPA 624} trans-1,2-Dichloroethene  
{EPA 624} trans-1,3-Dichloropropene  
{EPA 624} Trichloroethene (Trichloroethylene)  
{EPA 624} Trichlorofluoromethane  
{EPA 624} Vinyl chloride

**\*\*ORGANIC CHEMISTRY (MEASUREMENT BY GC)**

{EPA 608.2} Methoxychlor  
{EPA 608} 4,4'-DDD  
{EPA 608} 4,4'-DDE  
{EPA 608} 4,4'-DDT  
{EPA 608} Aldrin  
{EPA 608} alpha-BHC (alpha-Hexachlorocyclohexane)  
{EPA 608} beta-BHC (beta-Hexachlorocyclohexane)  
{EPA 608} Chlordane  
{EPA 608} delta-BHC  
{EPA 608} Dieldrin  
{EPA 608} Endosulfan I  
{EPA 608} Endosulfan II  
{EPA 608} Endosulfan Sulfate  
{EPA 608} Endrin  
{EPA 608} Endrin aldehyde  
{EPA 608} gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)  
{EPA 608} Heptachlor  
{EPA 608} Heptachlor epoxide  
{EPA 608} PCB-1016  
{EPA 608} PCB-1221  
{EPA 608} PCB-1232  
{EPA 608} PCB-1242  
{EPA 608} PCB-1248  
{EPA 608} PCB-1254  
{EPA 608} PCB-1260  
{EPA 608} Toxaphene

**\*\*ORGANIC CHEMISTRY (MEASUREMENT BY GC/MS)**

{EPA 625} 1,2,4-Trichlorobenzene  
{EPA 625} 2-Chloronaphthalene  
{EPA 625} 2-Chlorophenol  
{EPA 625} 2-Methyl-4,6-dinitrophenol  
{EPA 625} 2-Nitrophenol  
{EPA 625} 2,2'-Oxybis(1-chloropropane)  
{EPA 625} 2,4-Dichlorophenol  
{EPA 625} 2,4-Dimethylphenol  
{EPA 625} 2,4-Dinitrophenol  
{EPA 625} 2,4-Dinitrotoluene (2,4-DNT)  
{EPA 625} 2,4,6-Trichlorophenol  
{EPA 625} 2,6-Dinitrotoluene  
{EPA 625} 3,3'-Dichlorobenzidine  
{EPA 625} 4-Bromophenyl phenyl ether  
{EPA 625} 4-Chloro-3-methylphenol  
{EPA 625} 4-Chlorophenyl phenyl ether  
{EPA 625} 4-Nitrophenol  
{EPA 625} Acenaphthene  
{EPA 625} Acenaphthylene  
{EPA 625} Anthracene  
{EPA 625} Benzidine  
{EPA 625} Benzo(a)anthracene  
{EPA 625} Benzo(a)pyrene  
{EPA 625} Benzo(b)fluoranthene

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT  
ENVIRONMENTAL LABORATORY ACCREDITATION  
CLEAN WATER ACT PROGRAM - NON-POTABLE WATER MATRIX

PAGE: 4

{EPA 625} Benzo(g,h,i)perylene  
{EPA 625} Benzo(k)fluoranthene  
{EPA 625} Benzyl butyl phthalate  
{EPA 625} Bis(2-chloroethoxy)methane  
{EPA 625} Bis(2-chloroethyl)ether  
{EPA 625} Bis(2-ethylhexyl)phthalate  
{EPA 625} Chrysene  
{EPA 625} Di-n-butyl phthalate  
{EPA 625} Di-n-octyl phthalate  
{EPA 625} Dibenzo(a,h)anthracene  
{EPA 625} Diethyl phthalate  
{EPA 625} Dimethyl phthalate  
{EPA 625} Fluoranthene  
{EPA 625} Fluorene  
{EPA 625} Hexachlorobenzene  
{EPA 625} Hexachlorobutadiene  
{EPA 625} Hexachlorocyclopentadiene  
{EPA 625} Hexachloroethane  
{EPA 625} Indeno(1,2,3-cd) pyrene  
{EPA 625} Isophorone  
{EPA 625} N-nitroso-di-n-propylamine (NDPA)  
{EPA 625} N-nitrosodimethylamine (NDMA)  
{EPA 625} N-Nitrosodiphenylamine  
{EPA 625} Naphthalene  
{EPA 625} Nitrobenzene  
{EPA 625} Pentachlorophenol  
{EPA 625} Phenanthrene  
{EPA 625} Phenol  
{EPA 625} Pyrene

**\*\*RESIDUES**

Residue, Filterable (TDS) {SM 2540 C}  
Residue, Non Filterable (TSS) {SM 2540 D}  
Residue, Settleable {SM 2540 F}  
Residue, Total {SM 2540 B}  
Residue, Volatile {EPA 160.4}

**\*\*SUPPLEMENTAL**

{EPA 624} Acetonitrile  
{EPA 624} Xylene (total)  
{EPA 625} 1,2-Dichlorobenzene  
{EPA 625} 1,3-Dichlorobenzene  
{EPA 625} 1,4-Dichlorobenzene

**End of Parameter List**

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT  
ENVIRONMENTAL LABORATORY ACCREDITATION  
RCRA PROGRAM - NON-POTABLE WATER AND SOLID/CHEMICAL WASTE MATRICES

PAGE: 1

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**Merrillville, IN 46410**

**Reciprocity:**

**The laboratory listed above is hereby approved for environmental laboratory accreditation in accordance with K.S.A. 65-1, 109a for the following:**

**\*\*CHARACTERISTICS**

Ignitability {EPA 1010}

Synthetic-Precipitation Leaching Procedure {EPA 1312}

Toxic-Characteristic-Leaching Procedure {EPA 1311}

**\*\*METALS**

Aluminum {EPA 6010}

Aluminum {EPA 6020}

Antimony {EPA 6010}

Antimony {EPA 6020}

Arsenic {EPA 6010}

Arsenic {EPA 6020}

Barium {EPA 6010}

Barium {EPA 6020}

Beryllium {EPA 6010}

Beryllium {EPA 6020}

Boron {EPA 6010}

Cadmium {EPA 6010}

Cadmium {EPA 6020}

Calcium {EPA 6010}

Calcium {EPA 6020}

Chromium {EPA 6010}

Chromium {EPA 6020}

Chromium, VI {EPA 7196}

Cobalt {EPA 6010}

Cobalt {EPA 6020}

Copper {EPA 6010}

Copper {EPA 6020}

Iron {EPA 6010}

Iron {EPA 6020}

Lead {EPA 6010}

Lead {EPA 6020}

Magnesium {EPA 6010}

Magnesium {EPA 6020}

Manganese {EPA 6010}

Manganese {EPA 6020}

Mercury {EPA 6020}

Mercury {EPA 7470}

Mercury {EPA 7471}

Molybdenum {EPA 6010}

Nickel {EPA 6010}

Nickel {EPA 6020}

Potassium {EPA 6010}

Potassium {EPA 6020}

Selenium {EPA 6010}

Selenium {EPA 6020}

Silver {EPA 6010}

Silver {EPA 6020}

Sodium {EPA 6010}

Sodium {EPA 6020}

RCRA PROGRAM - NON-POTABLE WATER AND SOLID/CHEMICAL WASTE MATRICES

Strontium {EPA 6010}  
Thallium {EPA 6010}  
Thallium {EPA 6020}  
Tin {EPA 6010}  
Titanium {EPA 6010}  
Vanadium {EPA 6010}  
Vanadium {EPA 6020}  
Zinc {EPA 6010}  
Zinc {EPA 6020}

\*\*MINERALS

Sulfate {EPA 9038}

\*\*MISCELLANEOUS

Cyanide {EPA 9012}  
Cyanide, Amenable to CL {EPA 9012}  
Hydrogen Ion (pH) {EPA 9045}  
Paint Filter Liquids Test {EPA 9095}  
Phenolics {EPA 9066}

\*\*ORGANIC CHEMISTRY VOLATILES (MEASUREMENT BY GC)

{EPA 8015} Ethylene glycol

\*\*ORGANIC CHEMISTRY VOLATILES (MEASUREMENT BY GC/MS)

{EPA 8260} 1,1-Dichloroethane  
{EPA 8260} 1,1-Dichloroethene  
{EPA 8260} 1,1,1-Trichloroethane  
{EPA 8260} 1,1,1,2-Tetrachloroethane  
{EPA 8260} 1,1,2-Trichloroethane  
{EPA 8260} 1,1,2,2-Tetrachloroethane  
{EPA 8260} 1,2-Dichlorobenzene  
{EPA 8260} 1,2-Dichloroethane  
{EPA 8260} 1,2-Dichloropropane  
{EPA 8260} 1,2,3-Trichlorobenzene  
{EPA 8260} 1,2,3-Trichloropropane  
{EPA 8260} 1,2,4-Trichlorobenzene  
{EPA 8260} 1,2,4-Trimethylbenzene  
{EPA 8260} 1,3-Dichlorobenzene  
{EPA 8260} 1,3-Dichloropropane  
{EPA 8260} 1,3,5-Trimethylbenzene  
{EPA 8260} 1,4-Dichlorobenzene  
{EPA 8260} 2-Chloroethyl vinyl ether  
{EPA 8260} 2-Hexanone  
{EPA 8260} 2-Nitropropane  
{EPA 8260} 2-Pentanone  
{EPA 8260} 2,2-Dichloropropane  
{EPA 8260} 4-Methyl-2-Pentanone (MIBK)  
{EPA 8260} Acetone  
{EPA 8260} Acetonitrile  
{EPA 8260} Acrolein  
{EPA 8260} Acrylonitrile  
{EPA 8260} Benzene  
{EPA 8260} Bromobenzene  
{EPA 8260} Bromodichloromethane  
{EPA 8260} Bromoform  
{EPA 8260} Bromomethane (Methyl bromide)  
{EPA 8260} Carbon disulfide  
{EPA 8260} Carbon tetrachloride  
{EPA 8260} Chlorobenzene  
{EPA 8260} Chloroethane  
{EPA 8260} Chloroform



RCRA PROGRAM - NON-POTABLE WATER AND SOLID/CHEMICAL WASTE MATRICES

{EPA 8260} Chloromethane (Methyl chloride)  
 {EPA 8260} cis-1,2-Dichloroethylene  
 {EPA 8260} cis-1,3-Dichloropropene  
 {EPA 8260} Dibromochloromethane  
 {EPA 8260} Dibromochloropropane (DBCP)  
 {EPA 8260} Dichlorodifluoromethane  
 {EPA 8260} Dichloromethane (Methylene chloride)  
 {EPA 8260} Ethyl acetate  
 {EPA 8260} Ethylbenzene  
 {EPA 8260} Ethylene dibromide (EDB, 1,2-Dibromoethane)  
 {EPA 8260} Isopropylbenzene  
 {EPA 8260} meta-Xylene  
 {EPA 8260} Methyl ethyl ketone  
 {EPA 8260} Methyl tert-butyl ether (MTBE)  
 {EPA 8260} n-Butyl alcohol  
 {EPA 8260} n-Butylbenzene  
 {EPA 8260} Naphthalene  
 {EPA 8260} ortho-Xylene  
 {EPA 8260} para-Xylene  
 {EPA 8260} sec-Butylbenzene  
 {EPA 8260} Styrene  
 {EPA 8260} tert-Butylbenzene  
 {EPA 8260} Tetrachloroethene (Perchloroethylene)  
 {EPA 8260} Toluene  
 {EPA 8260} trans-1,2-Dichloroethylene  
 {EPA 8260} trans-1,3-Dichloropropene  
 {EPA 8260} Trichloroethene (Trichloroethylene)  
 {EPA 8260} Trichlorofluoromethane  
 {EPA 8260} Vinyl Acetate  
 {EPA 8260} Vinyl chloride

\*\*ORGANIC CHEMISTRY (MEASUREMENT BY GC)

{EPA 8081} 4,4'-DDD  
 {EPA 8081} 4,4'-DDE  
 {EPA 8081} 4,4'-DDT  
 {EPA 8081} Aldrin  
 {EPA 8081} alpha-BHC (alpha-Hexachlorocyclohexane)  
 {EPA 8081} beta-BHC (beta-Hexachlorocyclohexane)  
 {EPA 8081} Chlordane (Tech)  
 {EPA 8081} delta-BHC  
 {EPA 8081} Dieldrin  
 {EPA 8081} Endosulfan I  
 {EPA 8081} Endosulfan II  
 {EPA 8081} Endosulfan Sulfate  
 {EPA 8081} Endrin  
 {EPA 8081} Endrin aldehyde  
 {EPA 8081} Endrin ketone  
 {EPA 8081} gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)  
 {EPA 8081} Heptachlor  
 {EPA 8081} Heptachlor epoxide  
 {EPA 8081} Methoxychlor  
 {EPA 8081} Toxaphene  
 {EPA 8082} PCB-1016  
 {EPA 8082} PCB-1221  
 {EPA 8082} PCB-1232  
 {EPA 8082} PCB-1242  
 {EPA 8082} PCB-1248  
 {EPA 8082} PCB-1254  
 {EPA 8082} PCB-1260

\*\*ORGANIC CHEMISTRY (MEASUREMENT BY GC/MS)

RCRA PROGRAM - NON-POTABLE WATER AND SOLID/CHEMICAL WASTE MATRICES

{EPA 8270} 1,2-Dichlorobenzene  
 {EPA 8270} 1,2-Diphenylhydrazine  
 {EPA 8270} 1,2,4-Trichlorobenzene  
 {EPA 8270} 1,3-Dichlorobenzene  
 {EPA 8270} 1,4-Dichlorobenzene  
 {EPA 8270} 2-Chloronaphthalene  
 {EPA 8270} 2-Chlorophenol  
 {EPA 8270} 2-Methyl-4,6-Dinitrophenol  
 {EPA 8270} 2-Methylnaphthalene  
 {EPA 8270} 2-Methylphenol (o-Cresol)  
 {EPA 8270} 2-Nitroaniline  
 {EPA 8270} 2-Nitrophenol  
 {EPA 8270} 2,4-Dichlorophenol  
 {EPA 8270} 2,4-Dimethylphenol  
 {EPA 8270} 2,4-Dinitrophenol  
 {EPA 8270} 2,4-Dinitrotoluene (2,4-DNT)  
 {EPA 8270} 2,4,5-Trichlorophenol  
 {EPA 8270} 2,4,6-Trichlorophenol  
 {EPA 8270} 2,6-Dichlorophenol  
 {EPA 8270} 2,6-Dinitrotoluene  
 {EPA 8270} 3-Methylphenol (m-Cresol)  
 {EPA 8270} 3-Nitroaniline  
 {EPA 8270} 3,3'-Dichlorobenzidine  
 {EPA 8270} 4-Bromophenyl phenyl ether  
 {EPA 8270} 4-Chloro-3-methylphenol  
 {EPA 8270} 4-Chloroaniline  
 {EPA 8270} 4-Chlorophenyl phenyl ether  
 {EPA 8270} 4-Methylphenol (p-Cresol)  
 {EPA 8270} 4-Nitroaniline  
 {EPA 8270} 4-Nitrophenol  
 {EPA 8270} Acenaphthene  
 {EPA 8270} Acenaphthylene  
 {EPA 8270} Acetophenone  
 {EPA 8270} Aniline  
 {EPA 8270} Anthracene  
 {EPA 8270} Benzidine  
 {EPA 8270} Benzoic acid  
 {EPA 8270} Benzo(a)anthracene  
 {EPA 8270} Benzo(a)pyrene  
 {EPA 8270} Benzo(b)fluoranthene  
 {EPA 8270} Benzo(g,h,i)perylene  
 {EPA 8270} Benzo(k)fluoranthene  
 {EPA 8270} Benzyl alcohol  
 {EPA 8270} Bis(2-chloroethoxy)methane  
 {EPA 8270} Bis(2-chloroethyl)ether  
 {EPA 8270} Bis(2-chloroisopropyl)ether  
 {EPA 8270} Bis(2-ethylhexyl)phthalate  
 {EPA 8270} Butyl benzyl phthalate  
 {EPA 8270} Chrysene  
 {EPA 8270} Di-n-butyl phthalate  
 {EPA 8270} Di-n-octyl phthalate  
 {EPA 8270} Dibenzofuran  
 {EPA 8270} Dibenzo(a,h)anthracene  
 {EPA 8270} Diethyl phthalate  
 {EPA 8270} Dimethyl phthalate  
 {EPA 8270} Fluoranthene  
 {EPA 8270} Fluorene  
 {EPA 8270} Hexachlorobenzene  
 {EPA 8270} Hexachlorobutadiene  
 {EPA 8270} Hexachlorocyclopentadiene  
 {EPA 8270} Hexachloroethane

RCRA PROGRAM - NON-POTABLE WATER AND SOLID/CHEMICAL WASTE MATRICES

{EPA 8270} Indeno(1,2,3-cd) pyrene  
{EPA 8270} Isophorone  
{EPA 8270} N-nitroso-di-n-propylamine (NDPA)  
{EPA 8270} N-nitrosodimethylamine (NDMA)  
{EPA 8270} N-Nitrosodiphenylamine  
{EPA 8270} Naphthalene  
{EPA 8270} Nitrobenzene  
{EPA 8270} Pentachlorophenol  
{EPA 8270} Phenanthrene  
{EPA 8270} Phenol  
{EPA 8270} Pyrene  
{EPA 8270} Pyridine

**\*\*SUPPLEMENTAL**

{EPA 6020A} Molybdenum  
{EPA 8260B} Gasoline Range Organics (GRO)  
{EPA 8260B} Xylene (total)  
{EPA 8270C} Carbazole

**\*\*TOTAL PETROLEUM HYDROCARBONS**

{EPA 8015} DRO  
{EPA 8015} GRO

**End of Parameter List**



March 16, 2017

E-10397  
Shon Ahrendt  
Microbac Laboratories, Inc. Chicagoland Division  
250 West 84<sup>th</sup> Drive  
Merrillville, IN 46410

Dear Shon Ahrendt:

Enclosed please find your NELAP certificate of accreditation. Also, note the effective and expiration dates of your new accreditation and be sure to review the parameters listed. It is possible your laboratory applied for parameters not listed on the enclosed accreditation. Those parameters have been denied. If there are any questions concerning the parameters listed, contact the ELIPO office at (785) 296-3811.

It is essential the laboratory accreditation officer be notified within 30 days of any changes in laboratory director, methods which involve a change in technology, change in ownership, or change in location.

Information for re-accreditation will be emailed approximately five (5) months prior to the expiration date of your current accreditation.

Sincerely,

A handwritten signature in blue ink, appearing to read "Sara Hoffman".

Sara Hoffman  
Section Chief  
Environmental Laboratory Certifications  
Enclosure/s