

COMMONWEALTH OF KENTUCKY

Energy and Environment Cabinet

2022

Wastewater Laboratory Certification Program
In Accordance with KRS 224.10-670 and 401 KAR Chapter 5:320



THIS CERTIFIES THAT

Microbac Laboratories, Inc. - Chicagoland
250 W 84th St
Merrillville, IN 46410
Laboratory ID Number: KY90147



The above laboratory has complied with Kentucky Administrative Regulation 401 KAR 5:320, Wastewater Laboratory Certification Program, for the analyses of wastewater samples, as specified in 33 U.S.C. 1342, for the method-analyte pairs specified on the attached certification list.

Effective From: January 1, 2022

To: December 31, 2022

Kevin Stewart

Certification Program Manager

Signed by: Kevin Stewart

Microbac Laboratories, Inc. - Chicagoland
90147

Effective: January 1, 2022

KY Category	CAS #	Analyte	Status	Reference Method	Method Code for PT Reporting	MRL	MRL Units
Field	7782-50-5	Chlorine, Total Residual	Certified	SM 4500-Cl G-2011	20081623		mg/L
Field		Oxygen, Dissolved	Certified	SM 4500-O C-2011	20120836		mg/L
Field		Specific Conductance	Certified	SM 2510 B-2011	20048617		umhos/cm
Field		Temperature	Certified	SM 2550 B-2010	20053229		degrees Celsius
Field		pH	Certified	SM 4500-H+ B-2011	20105220	2	S.U.
Inorganic/General Chemistry		Alkalinity, Total (as CaCO ₃)	Certified	SM 2320 B-2011	20045618	20	mg/L
Inorganic/General Chemistry	7664-41-7	Ammonia	Certified	EPA 350.1 Rev. 2.0 (1993)	10063602	0.1	mg/L
Inorganic/General Chemistry		BOD, 5-day	Certified	SM 5210 B-2011	20135266	2	mg/L
Inorganic/General Chemistry		Carbonaceous Biochemical Oxygen Demand (CBOD ₅)	Certified	SM 5210 B-2011	20135266	2	mg/L
Inorganic/General Chemistry		Chemical Oxygen Demand (COD)	Certified	EPA 410.4, Rev. 2.0 (1993)	10077404	10	mg/L
Inorganic/General Chemistry	16887-00-6	Chloride	Certified	SM 4500-Cl ⁻ B-2011	20084611	1	mg/L
Inorganic/General Chemistry		Chromium (VI)	Certified	SM 3500-Cr B-2011	20066266	0.01	mg/L
Inorganic/General Chemistry		Color	Certified	SM 2120 B-2011	20039310	5	Color Units
Inorganic/General Chemistry	57-12-5	Cyanide, Total (as Cn)	Certified	SM 4500-CN ⁻ E-2011	20096428	0.005	mg/L
Inorganic/General Chemistry	16984-48-8	Fluoride	Certified	SM 4500-F ⁻ C-2011	20102414	0.1	mg/L
Inorganic/General Chemistry		Hardness, Total (as CaCO ₃)	Certified	SM 2340 B-2011	20046611	3.3	mg/L
Inorganic/General Chemistry	84145-82-4	Nitrate	Certified	Calculation		0.1	mg/L
Inorganic/General Chemistry		Nitrate-Nitrite (as N)	Certified	EPA 353.2, Rev. 2.0 (1993)	10067604	0.1	mg/L
Inorganic/General Chemistry	14797-65-0	Nitrite	Certified	EPA 353.2, Rev. 2.0 (1993)	10067604	0.1	mg/L
Inorganic/General Chemistry		Nitrogen, Kjeldahl Total (TKN)	Certified	EPA 351.2 Rev. 2.0 (1993)	10065404	0.5	mg/L
Inorganic/General Chemistry		Nitrogen, Organic Total (as N)	Certified	Calculation		0.01	mg/L



Microbac Laboratories, Inc. - Chicagoland
90147

Effective: January 1, 2022

KY Category	CAS #	Analyte	Status	Reference Method	Method Code for PT Reporting	MRL	MRL Units
Inorganic/General Chemistry		Oil and Grease	Certified	EPA 1664 Rev. B	10261617	5	mg/L
Inorganic/General Chemistry	64743-03-9	Phenolics, Total	Certified	EPA 420.4 Rev. 1.0 (1993)	10080203	0.01	mg/L
Inorganic/General Chemistry	7723-14-0	Phosphorus, Total (as P)	Certified	EPA 365.1 Rev. 2.0 (1993)	10070005	0.2	mg/L
Inorganic/General Chemistry		Solids, Settleable	Certified	SM 2540 F-2011	20052215		mg/L
Inorganic/General Chemistry		Solids, Total	Certified	SM 2540 B-2011	20049416	25	mg/L
Inorganic/General Chemistry		Solids, Total Dissolved	Certified	SM 2540 C-2011	20050413	20	mg/L
Inorganic/General Chemistry		Solids, Total Suspended (TSS)	Certified	SM 2540 D-2011	20051212	1	mg/L
Inorganic/General Chemistry		Solids, Volatile (Residue, Volatile)	Interim	EPA 160.4 (1971)	10010409	25	mg/L
Inorganic/General Chemistry	264888-19-9	o-Phosphate	Certified	EPA 365.1 Rev. 2.0 (1993)	10070005	0.05	mg/L
Inorganic/Metals	7429-90-5	Aluminum, Total (as Al)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.2	mg/L
Inorganic/Metals	7429-90-5	Aluminum, Total (as Al)	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.005	mg/L
Inorganic/Metals	7440-36-0	Antimony, Total (as Sb)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.02	mg/L
Inorganic/Metals	7440-36-0	Antimony, Total (as Sb)	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L
Inorganic/Metals	7440-38-2	Arsenic, Total (as As)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.01	mg/L
Inorganic/Metals	7440-38-2	Arsenic, Total (as As)	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L
Inorganic/Metals	7440-39-3	Barium, Total (as Ba)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.002	mg/L
Inorganic/Metals	7440-39-3	Barium, Total (as Ba)	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L
Inorganic/Metals	7440-41-7	Beryllium, Total	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.001	mg/L
Inorganic/Metals	7440-41-7	Beryllium, Total	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L
Inorganic/Metals	7440-42-8	Boron	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.02	mg/L
Inorganic/Metals	7440-42-8	Boron	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.005	mg/L
Inorganic/Metals	7440-43-9	Cadmium, Total (as Cd)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.002	mg/L



Microbac Laboratories, Inc. - Chicagoland
90147

Effective: January 1, 2022

KY Category	CAS #	Analyte	Status	Reference Method	Method Code for PT Reporting	MRL	MRL Units
Inorganic/Metals	7440-43-9	Cadmium, Total (as Cd)	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.005	mg/L
Inorganic/Metals	7440-70-2	Calcium, total [as Ca]	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.5	mg/L
Inorganic/Metals	7440-70-2	Calcium, total [as Ca]	Interim	EPA 200.8, Rev. 5.4 (1994)	10014605	0.1	mg/L
Inorganic/Metals	7440-47-3	Chromium, Total (as Cr)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.003	mg/L
Inorganic/Metals	7440-47-3	Chromium, Total (as Cr)	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L
Inorganic/Metals	7440-48-4	Cobalt, Total	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.003	mg/L
Inorganic/Metals	7440-48-4	Cobalt, Total	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L
Inorganic/Metals	7440-50-8	Copper, Total	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.01	mg/L
Inorganic/Metals	7440-50-8	Copper, Total	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L
Inorganic/Metals	7439-89-6	Iron, Total (as Fe)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.05	mg/L
Inorganic/Metals	7439-89-6	Iron, Total (as Fe)	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.1	mg/L
Inorganic/Metals	7439-92-1	Lead, Total (as Pb)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.008	mg/L
Inorganic/Metals	7439-92-1	Lead, Total (as Pb)	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L
Inorganic/Metals	7439-95-4	Magnesium, Total (as Mg)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.5	mg/L
Inorganic/Metals	7439-95-4	Magnesium, Total (as Mg)	Interim	EPA 200.8, Rev. 5.4 (1994)	10014605	0.1	mg/L
Inorganic/Metals	7439-96-5	Manganese, Total (as Mn)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.002	mg/L
Inorganic/Metals	7439-96-5	Manganese, Total (as Mn)	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L
Inorganic/Metals	7439-97-6	Mercury, Total (as Hg)	Certified	EPA 1631E (2002)	10237204	0.5	ng/L
Inorganic/Metals	7439-97-6	Mercury, Total (as Hg)	Certified	EPA 245.1 Rev 3.0	10036609	0.0002	mg/L
Inorganic/Metals	7439-98-7	Molybdenum, Total (as Mo)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.02	mg/L
Inorganic/Metals	7439-98-7	Molybdenum, Total (as Mo)	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L
Inorganic/Metals	7440-02-0	Nickel, Total (as Ni)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.01	mg/L
Inorganic/Metals	7440-02-0	Nickel, Total (as Ni)	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L



Microbac Laboratories, Inc. - Chicagoland
90147

Effective: January 1, 2022

KY Category	CAS #	Analyte	Status	Reference Method	Method Code for PT Reporting	MRL	MRL Units
Inorganic/Metals	7440-09-7	Potassium, Total (as K)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.5	mg/L
Inorganic/Metals	7440-09-7	Potassium, Total (as K)	Interim	EPA 200.8, Rev. 5.4 (1994)	10014605	0.1	mg/L
Inorganic/Metals	7782-49-2	Selenium, Total (as Se)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.03	mg/L
Inorganic/Metals	7782-49-2	Selenium, Total (as Se)	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L
Inorganic/Metals		Silica, Dissolved	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.3	mg/L
Inorganic/Metals	7440-22-4	Silver, Total (as Ag)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.01	mg/L
Inorganic/Metals	7440-22-4	Silver, Total (as Ag)	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L
Inorganic/Metals	7440-23-5	Sodium, Total (as Na)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.5	mg/L
Inorganic/Metals	7440-23-5	Sodium, Total (as Na)	Interim	EPA 200.8, Rev. 5.4 (1994)	10014605	0.1	mg/L
Inorganic/Metals	7440-28-0	Thallium, Total	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.05	mg/L
Inorganic/Metals	7440-28-0	Thallium, Total	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L
Inorganic/Metals	7440-31-5	Tin, Total	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.02	mg/L
Inorganic/Metals	7440-31-5	Tin, Total	Interim	EPA 200.8, Rev. 5.4 (1994)	10014605	0.001	mg/L
Inorganic/Metals	7440-32-6	Titanium, Total (as Ti)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.03	mg/L
Inorganic/Metals	7440-32-6	Titanium, Total (as Ti)	Interim	EPA 200.8, Rev. 5.4 (1994)	10014605	0.03	mg/L
Inorganic/Metals	7440-62-2	Vanadium, Total	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.008	mg/L
Inorganic/Metals	7440-62-2	Vanadium, Total	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.005	mg/L
Inorganic/Metals	7440-66-6	Zinc, Total (as Zn)	Certified	EPA 200.7, Rev. 4.4 (1994)	10013806	0.02	mg/L
Inorganic/Metals	7440-66-6	Zinc, Total (as Zn)	Certified	EPA 200.8, Rev. 5.4 (1994)	10014605	0.002	mg/L
ORG/Pest/Herb/PCB	72-54-8	4,4'-DDD	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	72-55-9	4,4'-DDE	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	50-29-3	4,4'-DDT	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	309-00-2	Aldrin	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L



Microbac Laboratories, Inc. - Chicagoland
90147

Effective: January 1, 2022

KY Category	CAS #	Analyte	Status	Reference Method	Method Code for PT Reporting	MRL	MRL Units
ORG/Pest/Herb/PCB	319-84-6	Alpha-BHC	Certified	EPA 608.3 GC-ECD	10296614	1	mg/L
ORG/Pest/Herb/PCB	11141-16-5	Aroclor 1232	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	12674-11-2	Aroclor-1016 (PCB-1016)	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	11104-28-2	Aroclor-1221 (PCB-1221)	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	53469-21-9	Aroclor-1242 (PCB-1242)	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	12672-29-6	Aroclor-1248 (PCB-1248)	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	11097-69-1	Aroclor-1254 (PCB-1254)	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	11096-82-5	Aroclor-1260 (PCB-1260)	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	58-89-9	BHC-Gamma (Lindane)	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	319-85-7	Beta-BHC	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	12789-03-6	Chlordane	Certified	EPA 608.3 GC-ECD	10296614	10	ug/L
ORG/Pest/Herb/PCB	319-86-8	Delta-Hexachlorocyclohexane	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	60-57-1	Dieldrin	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	1031-07-8	Endosulfan Sulfate	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	72-20-8	Endrin	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	7421-93-4	Endrin aldehyde	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	76-44-8	Heptachlor	Certified	EPA 608.3 GC-ELCD	10296625	1	ug/L
ORG/Pest/Herb/PCB	1024-57-3	Heptachlor Epoxide	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	72-43-5	Methoxychlor	Certified	EPA 608.3 GC-ECD	10296614	5	ug/L
ORG/Pest/Herb/PCB	1336-36-3	Polychlorinated Biphenyls (PCBs)	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Pest/Herb/PCB	8001-35-2	Toxaphene	Certified	EPA 608.3 GC-ECD	10296614	10	ug/L
ORG/Pest/Herb/PCB	959-98-8	alpha-Endosulfan (Endosulfan I)	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L



Microbac Laboratories, Inc. - Chicagoland
90147

Effective: January 1, 2022

KY Category	CAS #	Analyte	Status	Reference Method	Method Code for PT Reporting	MRL	MRL Units
ORG/Pest/Herb/PCB	33213-65-9	beta-Endosulfan (Endosulfan II)	Certified	EPA 608.3 GC-ECD	10296614	1	ug/L
ORG/Semi-Volatiles	120-82-1	1,2,4-Trichlorobenzene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	7005-72-3	1-Chloro-4-Phenoxybenzene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	111-44-4	2,2'-Dichlorodiethylether	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	88-06-2	2,4,6-Trichlorophenol	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	120-83-2	2,4-Dichlorophenol	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	105-67-9	2,4-Dimethylphenol	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	51-28-5	2,4-Dinitrophenol	Certified	EPA 625.1	10300024	50	ug/L
ORG/Semi-Volatiles	121-14-2	2,4-Dinitrotoluene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	606-20-2	2,6-Dinitrotoluene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	91-58-7	2-Chloronaphthalene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	95-57-8	2-Chlorophenol	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	88-75-5	2-Nitrophenol	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	91-94-1	3,3'-Dichlorobenzidine	Certified	EPA 625.1	10300024	50	ug/L
ORG/Semi-Volatiles	534-52-1	4,6-Dinitro-o-Cresol	Certified	EPA 625.1	10300024	25	ug/L
ORG/Semi-Volatiles	101-55-3	4-Bromophenyl Phenyl Ether	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	59-50-7	4-Chloro-3-Methylphenol	Certified	EPA 625.1	10300024	20	ug/L
ORG/Semi-Volatiles	100-02-7	4-Nitrophenol	Certified	EPA 625.1	10300024	50	ug/L
ORG/Semi-Volatiles	83-32-9	Acenaphthene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	208-96-8	Acenaphthylene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	120-12-7	Anthracene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	92-87-5	Benidine	Certified	EPA 625.1	10300024	50	ug/L



Microbac Laboratories, Inc. - Chicagoland
90147

Effective: January 1, 2022

KY Category	CAS #	Analyte	Status	Reference Method	Method Code for PT Reporting	MRL	MRL Units
ORG/Semi-Volatiles	56-55-3	Benzo[A]Anthracene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	50-32-8	Benzo[A]Pyrene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	205-99-2	Benzo[B]Fluoranthene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	191-24-2	Benzo[G,H,I]Perylene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	207-08-9	Benzo[K]Fluoranthene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	111-91-1	Bis(2-Chloroethoxy)methane	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	117-81-7	Bis(2-Ethylhexyl) Phthalate	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	117-84-0	Bis(N-Octyl) Phthalate	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	85-68-7	Butyl Benzyl Phthalate	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	218-01-9	Chrysene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	53-70-3	Dibenzo(a,h)anthracene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	84-74-2	Dibutyl phthalate	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	84-66-2	Diethyl Phthalate	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	131-11-3	Dimethyl Phthalate	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	206-44-0	Fluoranthene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	86-73-7	Fluorene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	87-68-3	Hexachloro-1,3-butadiene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	118-74-1	Hexachlorobenzene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	77-47-4	Hexachlorocyclopentadiene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	67-72-1	Hexachloroethane	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	193-39-5	Indeno(1,2,3-cd)pyrene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	78-59-1	Isophorone	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	91-20-3	Naphthalene	Certified	EPA 625.1	10300024	10	ug/L



Microbac Laboratories, Inc. - Chicagoland
90147

Effective: January 1, 2022

KY Category	CAS #	Analyte	Status	Reference Method	Method Code for PT Reporting	MRL	MRL Units
ORG/Semi-Volatiles	98-95-3	Nitrobenzene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	87-86-5	Pentachlorophenol	Certified	EPA 625.1	10300024	50	ug/L
ORG/Semi-Volatiles	85-01-8	Phenanthrene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	108-95-2	Phenol	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	129-00-0	Pyrene	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	621-64-7	n-Nitrosodi-n-Propylamine	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	62-75-9	n-Nitrosodimethylamine	Certified	EPA 625.1	10300024	10	ug/L
ORG/Semi-Volatiles	86-30-6	n-Nitrosodiphenylamine	Certified	EPA 625.1	10300024	10	ug/L
ORG/Volatiles	71-55-6	1,1,1-Trichloroethane	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	79-34-5	1,1,2,2-Tetrachloroethane	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	79-00-5	1,1,2-Trichloroethane	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	75-34-3	1,1-Dichloroethane	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	75-35-4	1,1-Dichloroethylene	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	95-50-1	1,2-Dichlorobenzene	Certified	EPA 624.1	10298121	2	ug/L
ORG/Volatiles	107-06-2	1,2-Dichloroethane (EDC)	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	78-87-5	1,2-Dichloropropane	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	541-73-1	1,3-Dichlorobenzene	Certified	EPA 624.1	10298121	2	ug/L
ORG/Volatiles	106-46-7	1,4-Dichlorobenzene	Certified	EPA 624.1	10298121	2	ug/L
ORG/Volatiles	110-75-8	2-Chloroethyl Vinyl Ether	Certified	EPA 624.1	10298121	2	ug/L
ORG/Volatiles	107-02-8	Acrolein	Certified	EPA 624.1	10298121	10	ug/L
ORG/Volatiles	107-13-1	Acrylonitrile	Certified	EPA 624.1	10298121	10	ug/L
ORG/Volatiles	71-43-2	Benzene	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	75-27-4	Bromodichloromethane	Certified	EPA 624.1	10298121	1	ug/L



Microbac Laboratories, Inc. - Chicagoland
90147

Effective: January 1, 2022

KY Category	CAS #	Analyte	Status	Reference Method	Method Code for PT Reporting	MRL	MRL Units
ORG/Volatiles	74-83-9	Bromomethane (Methyl bromide)	Certified	EPA 624.1	10298121	2	ug/L
ORG/Volatiles	56-23-5	Carbon Tetrachloride	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	108-90-7	Chlorobenzene	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	124-48-1	Chlorodibromomethane	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	75-00-3	Chloroethane	Certified	EPA 624.1	10298121	2	ug/L
ORG/Volatiles	67-66-3	Chloroform	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	75-09-2	Dichloromethane (Methylene chloride)	Certified	EPA 624.1	10298121	2	ug/L
ORG/Volatiles	100-41-4	Ethylbenzene	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	74-87-3	Methyl chloride	Certified	EPA 624.1	10298121	2	ug/L
ORG/Volatiles	127-18-4	Tetrachloroethylene (PCE)	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	108-88-3	Toluene	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	75-25-2	Tribromomethane	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	79-01-6	Trichloroethylene	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	75-69-4	Trichlorofluoromethane	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	75-01-4	Vinyl Chloride	Certified	EPA 624.1	10298121	2	ug/L
ORG/Volatiles	1330-20-7	Xylenes (Total)	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	10061-01-5	cis-1,3-Dichloropropene	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	156-60-5	trans-1,2-Dichloroethylene	Certified	EPA 624.1	10298121	1	ug/L
ORG/Volatiles	10061-02-6	trans-1,3-Dichloropropene	Certified	EPA 624.1	10298121	1	ug/L

