

COMMONWEALTH OF KENTUCKY

Energy and Environment Cabinet

Drinking Water Laboratory Certification Program

Under The Safe Drinking Water Act and In Accordance with 401 KAR Chapter 8

THIS CERTIFIES THAT

Microbac Laboratories, Incorporated - Dayville

61 Louisa Viens Drive

Dayville, CT 06241

Laboratory Number: 90151

Has fulfilled the requirements governing the Certification of Drinking Water Laboratories and is hereby granted certification for the analytes and associated methods listed on the annually updated table.

Given under our hands this 1st day of January, 2016

at Frankfort, Kentucky. This Certificate is valid until December 31, 2016.


Certification Officer

Kentucky
UNBRIDLED SPIRIT


Certification Program Manager

KY Category	Analyte Code	Request	Contaminant	Status	Reference Method	KY Method Code	MRL	MRL Units
DBP	2456	x	Haloacetic acids (HAA5)	Certified	EPA 552.2	737	0.5	ug/L
DBP	2950	x	Total Trihalomethanes (TTHMs)	Certified	EPA 524.2	721	0.5	ug/L
SOC	2931	x	1,2-Dibromo-3-chloropropane (DBCP)	Certified	EPA 504.1	719	0.01	ug/L
SOC	2110	x	2,4,5-TP (Silvex)	Certified	EPA 515.3	705	0.20	ug/L
SOC	2105	x	2,4-D	Certified	EPA 515.3	705	0.10	ug/L
SOC	2051	x	Alachlor (Lasso)	Certified	EPA 505	706	0.20	ug/L
SOC	2051	x	Alachlor (Lasso)	Certified	EPA 525.2	711	0.20	ug/L
SOC	2047	x	Aldicarb	Certified	EPA 531.2	962	0.50	ug/L
SOC	2044	x	Aldicarb Sulfone	Certified	EPA 531.2	962	0.80	ug/L
SOC	2043	x	Aldicarb Sulfoxide	Certified	EPA 531.2	962	0.50	ug/L
SOC	2050	x	Atrazine	Certified	EPA 525.2	711	0.10	ug/L
SOC	2306	x	Benzo(a)pyrene (PAHs)	Certified	EPA 525.2	711	0.02	ug/L
SOC	2046	x	Carbofuran	Certified	EPA 531.2	962	0.90	ug/L
SOC	2959	x	Chlordane	Certified	EPA 505	706	0.20	ug/L
SOC	2031	x	Dalapon	Certified	EPA 515.3	705	1.0	ug/L
SOC	2035	x	Di(2-ethylhexyl) adipate	Certified	EPA 525.2	711	0.60	ug/L
SOC	2039	x	Di(2-ethylhexyl) phthalate	Certified	EPA 525.2	711	0.60	ug/L
SOC	2041	x	Dinoseb	Certified	EPA 515.3	705	0.20	ug/L
SOC	2032	x	Diquat	Certified	EPA 549.2	727	10.0	ug/L
SOC	2033	x	Endothall	Certified	EPA 548.1	726	9.0	ug/L
SOC	2005	x	Endrin	Certified	EPA 505	706	0.01	ug/L
SOC	2005	x	Endrin	Certified	EPA 525.2	711	0.01	ug/L
SOC	2946	x	Ethylene dibromide	Certified	EPA 504.1	719	0.01	ug/L
SOC	2034	x	Glyphosate	Certified	EPA 547	724	6.0	ug/L
SOC	2065	x	Heptachlor	Certified	EPA 505	706	0.04	ug/L
SOC	2065	x	Heptachlor	Certified	EPA 525.2	711	0.04	ug/L
SOC	2067	x	Heptachlor epoxide	Certified	EPA 505	706	0.02	ug/L
SOC	2067	x	Heptachlor epoxide	Certified	EPA 525.2	711	0.02	ug/L
SOC	2274	x	Hexachlorobenzene	Certified	EPA 505	706	0.10	ug/L
SOC	2274	x	Hexachlorobenzene	Certified	EPA 525.2	711	0.10	ug/L
SOC	2042	x	Hexachlorocyclopentadiene	Certified	EPA 505	706	0.10	ug/L
SOC	2042	x	Hexachlorocyclopentadiene	Certified	EPA 525.2	711	0.10	ug/L
SOC	2010	x	Lindane	Certified	EPA 505	706	0.02	ug/L
SOC	2010	x	Lindane	Certified	EPA 525.2	711	0.02	ug/L
SOC	2015	x	Methoxychlor	Certified	EPA 505	706	0.10	ug/L
SOC	2015	x	Methoxychlor	Certified	EPA 525.2	711	0.10	ug/L
SOC	2036	x	Oxamyl (Vydate)	Certified	EPA 531.2	962	2.0	ug/L
SOC	2040	x	Picloram	Certified	EPA 515.3	705	0.10	ug/L
SOC	2326	x	Pentachlorophenol	Certified	EPA 515.3	705	0.04	ug/L
SOC	2383	x	Polychlorinated biphenyls (PCBs)	Certified	EPA 505	706	0.22	ug/L
SOC	2037	x	Simazine	Certified	EPA 525.2	711	0.07	ug/L
SOC	2020	x	Toxaphene	Certified	EPA 505	706	1.0	ug/L

KY Category	Analyte Code	Request	Contaminant	Status	Reference Method	KY Method Code	MRL	MRL Units
VOC	2981	x	1,1,1-Trichloroethane	Certified	EPA 524.2	721	1.0	ug/L
VOC	2985	x	1,1,2-Trichloroethane	Certified	EPA 524.2	721	0.5	ug/L
VOC	2977	x	1,1-Dichloroethylene	Certified	EPA 524.2	721	0.5	ug/L
VOC	2378	x	1,2,4-Trichlorobenzene	Certified	EPA 524.2	721	0.5	ug/L
VOC	2968	x	1,2-Dichlorobenzene (o-Dichlorobenzene)	Certified	EPA 524.2	721	0.5	ug/L
VOC	2980	x	1,2-Dichloroethane	Certified	EPA 524.2	721	0.5	ug/L
VOC	2983	x	1,2-Dichloropropane	Certified	EPA 524.2	721	0.5	ug/L
VOC	2969	x	1,4-Dichlorobenzene (p-Dichlorobenzene)	Certified	EPA 524.2	721	0.5	ug/L
VOC	2990	x	Benzene	Certified	EPA 524.2	721	0.5	ug/L
VOC	2982	x	Carbon tetrachloride	Certified	EPA 524.2	721	0.5	ug/L
VOC	2989	x	Chlorobenzene	Certified	EPA 524.2	721	0.5	ug/L
VOC	2380	x	cis-1,2-Dichloroethylene	Certified	EPA 524.2	721	0.5	ug/L
VOC	2964	x	Dichloromethane (Methylene Chloride)	Certified	EPA 524.2	721	0.5	ug/L
VOC	2992	x	Ethylbenzene	Certified	EPA 524.2	721	0.5	ug/L
VOC	2996	x	Styrene	Certified	EPA 524.2	721	0.5	ug/L
VOC	2987	x	Tetrachloroethylene (PCE)	Certified	EPA 524.2	721	0.5	ug/L
VOC	2991	x	Toluene	Certified	EPA 524.2	721	0.5	ug/L
VOC	2979	x	trans-1,2-Dichloroethylene	Certified	EPA 524.2	721	0.5	ug/L
VOC	2984	x	Trichloroethylene (TCE)	Certified	EPA 524.2	721	0.5	ug/L
VOC	2976	x	Vinyl chloride	Certified	EPA 524.2	721	0.5	ug/L
VOC	2955	x	Xylenes (total)	Certified	EPA 524.2	721	0.5	ug/L