COMMONWEALTH OF KENTUCKY

Energy and Environment Cabinet

2026

Drinking Water Laboratory Certification Program

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

THIS CERTIFIES THAT

Microbac Laboratories, Inc. - Dayville
61 Louisa Viens Dr
Dayville, CT 06241
Laboratory ID Number: KY90151

The above laboratory has complied with Kentucky Administrative Regulation 401 KAR 8:040, Drinking Water Laboratory Certification Program, for the analyses of drinking water samples, as specified in 42 U.S.C. 300f-300j-26, for the method-analyte pairs specified on the attached certification list.

Effective From: January 1, 2026 **To:** December 31, 2026

Kevin Stewart

Certification Program Manager
Signed by: Kevin Stewart

Microbac Laboratories, Inc. - Dayville
90151

Effective: January 1, 2026

KY Category	CAS #	Analyte	Status	Reference Method	Method Code for PT Reporting	MRL	MRL Units
Disinfection By-Products		Haloacetic Acid 5	Certified	EPA 552.2	10095804	1	ug/L
Disinfection By-Products		Trihalomethanes (Total)	Certified	EPA 524.2	10088809	0.50	ug/L
Synthetic Organic Chemicals	96-12-8	1,2-Dibromo-3-chloropropane	Certified	EPA 504.1	10082801	0.01	ug/L
Synthetic Organic Chemicals	106-93-4	1,2-Dibromoethane (EDB)	Certified	EPA 504.1	10082801	0.01	ug/L
Synthetic Organic Chemicals	75-99-0	2,2-Dichloropropionic acid (Dalapon)	Certified	EPA 515.3	10088401	1	ug/L
Synthetic Organic Chemicals	93-72-1	2,4,5-TP (Silvex)	Certified	EPA 515.3	10088401	0.20	ug/L
Synthetic Organic Chemicals	94-75-7	2,4-Dichlorophenoxyacetic Acid (2,4-D)	Certified	EPA 515.3	10088401	0.10	ug/L
Synthetic Organic Chemicals	15972-60-8	Alachlor	Certified	EPA 505	10083406	0.20	ug/L
Synthetic Organic Chemicals	15972-60-8	Alachlor	Certified	EPA 525.2	10090003	0.20	ug/L
Synthetic Organic Chemicals	116-06-3	Aldicarb	Certified	EPA 531.2	10091302	0.50	ug/L
Synthetic Organic Chemicals	1646-88-4	Aldicarb Sulfone	Certified	EPA 531.2	10091302	0.80	ug/L
Synthetic Organic Chemicals	1646-87-3	Aldicarb Sulfoxide	Certified	EPA 531.2	10091302	0.50	ug/L
Synthetic Organic Chemicals	1912-24-9	Atrazine	Certified	EPA 525.2	10090003	0.10	ug/L
Synthetic Organic Chemicals	58-89-9	BHC-Gamma (Lindane)	Certified	EPA 505	10083406	0.02	ug/L
Synthetic Organic Chemicals	58-89-9	BHC-Gamma (Lindane)	Certified	EPA 525.2	10090003	0.02	ug/L
Synthetic Organic Chemicals	50-32-8	Benzo[A]Pyrene	Certified	EPA 525.2	10090003	0.02	ug/L
Synthetic Organic Chemicals	103-23-1	Bis(2-Ethylhexyl) Adipate	Certified	EPA 525.2	10090003	0.60	ug/L
Synthetic Organic Chemicals	117-81-7	Bis(2-Ethylhexyl) Phthalate	Certified	EPA 525.2	10090003	0.60	ug/L
Synthetic Organic Chemicals	1563-66-2	Carbofuran	Certified	EPA 531.2	10091302	0.90	ug/L
Synthetic Organic Chemicals	12789-03-6	Chlordane	Certified	EPA 505	10083406	0.20	ug/L
Synthetic Organic Chemicals	88-85-7	Dinoseb (2-sec-butyl-4,6-dinitrophenol)	Certified	EPA 515.3	10088401	0.20	ug/L

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Synthetic Organic Chemicals	85-00-7	Diquat Dibromide	Certified	EPA 549.2	10093400	0.40	ug/L
Synthetic Organic Chemicals	72-20-8	Endrin	Certified	EPA 505	10083406	0.01	ug/L
Synthetic Organic Chemicals	1071-83-6	Glyphosate, (Roundup)	Certified	EPA 547	10092009	5	ug/L
Synthetic Organic Chemicals	76-44-8	Heptachlor	Certified	EPA 505	10083406	0.02	ug/L
Synthetic Organic Chemicals	76-44-8	Heptachlor	Certified	EPA 525.2	10090003	0.04	ug/L
Synthetic Organic Chemicals	1024-57-3	Heptachlor Epoxide	Certified	EPA 505	10083406	0.02	ug/L
Synthetic Organic Chemicals	1024-57-3	Heptachlor Epoxide	Certified	EPA 525.2	10090003	0.02	ug/L
Synthetic Organic Chemicals	118-74-1	Hexachlorobenzene	Certified	EPA 505	10083406	0.05	ug/L
Synthetic Organic Chemicals	118-74-1	Hexachlorobenzene	Certified	EPA 525.2	10090003	0.10	ug/L
Synthetic Organic Chemicals	77-47-4	Hexachlorocyclopentadiene	Certified	EPA 505	10083406	0.10	ug/L
Synthetic Organic Chemicals	77-47-4	Hexachlorocyclopentadiene	Certified	EPA 525.2	10090003	0.10	ug/L
Synthetic Organic Chemicals	72-43-5	Methoxychlor	Certified	EPA 505	10083406	0.10	ug/L
Synthetic Organic Chemicals	72-43-5	Methoxychlor	Certified	EPA 525.2	10090003	0.10	ug/L
Synthetic Organic Chemicals	23135-22-0	Oxamyl (Vydate)	Certified	EPA 531.2	10091302	1	ug/L
Synthetic Organic Chemicals	87-86-5	Pentachlorophenol	Certified	EPA 515.3	10088401	0.04	ug/L
Synthetic Organic Chemicals	1918-02-1	Picloram	Certified	EPA 515.3	10088401	0.10	ug/L
Synthetic Organic Chemicals	1336-36-3	Polychlorinated Biphenyls (PCBs)	Certified	EPA 505	10083406	0.22	ug/L
Synthetic Organic Chemicals	122-34-9	Simazine	Certified	EPA 525.2	10090003	0.07	ug/L
Synthetic Organic Chemicals	8001-35-2	Toxaphene	Certified	EPA 505	10083406	1	ug/L
Volatile Organic Chemicals	71-55-6	1,1,1-Trichloroethane	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	79-00-5	1,1,2-Trichloroethane	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	75-35-4	1,1-Dichloroethylene	Certified	EPA 524.2	10088809	0.50	ug/L

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Volatile Organic Chemicals	120-82-1	1,2,4-Trichlorobenzene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	95-50-1	1,2-Dichlorobenzene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	107-06-2	1,2-Dichloroethane (EDC)	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	78-87-5	1,2-Dichloropropane	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	106-46-7	1,4-Dichlorobenzene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	71-43-2	Benzene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	56-23-5	Carbon Tetrachloride	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	108-90-7	Chlorobenzene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	156-59-2	Cis-1,2-Dichloroethylene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	75-09-2	Dichloromethane (Methylene chloride)	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	100-41-4	Ethylbenzene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	100-42-5	Styrene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	127-18-4	Tetrachloroethylene (PCE)	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	108-88-3	Toluene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	79-01-6	Trichloroethylene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	75-01-4	Vinyl Chloride	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	1330-20-7	Xylenes (Total)	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	156-60-5	trans-1,2-Dichloroethylene	Certified	EPA 524.2	10088809	0.50	ug/L