

COMMONWEALTH OF KENTUCKY

Energy and Environment Cabinet

2023

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. - Chicagoland

250 W 84th Dr

Merrillville, IN 46410

Laboratory ID Number: KY90147



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, 2023

To: December 31, 2023

Handwritten signature of Patrick Garrity in black ink.

Laboratory Certification Officer
Signed by: Patrick Garrity

Handwritten signature of Kevin Stewart in black ink.

Certification Program Manager
Signed by: Kevin Stewart

Microbac Laboratories, Inc. - Chicagoland
90147

Effective: January 1, 2023

KY Category	CAS #	Analyte	Status	Reference Method	Method Code for PT Reporting	MRL	MRL Units
All Other DW Chem Analysis (Incl. RADs)	7440-36-0	Antimony, Total (as Sb)	Certified	EPA 200.8	10014605	5	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-38-2	Arsenic, Total (as As)	Certified	EPA 200.8	10014605	5	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-39-3	Barium, Total (as Ba)	Certified	EPA 200.7	10013806	2	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-39-3	Barium, Total (as Ba)	Certified	EPA 200.8	10014605	2	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-41-7	Beryllium, Total	Certified	EPA 200.7	10013806	1	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-41-7	Beryllium, Total	Certified	EPA 200.8	10014605	1	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-43-9	Cadmium, Total (as Cd)	Certified	EPA 200.7	10013806	2	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-43-9	Cadmium, Total (as Cd)	Certified	EPA 200.8	10014605	1	ug/L
All Other DW Chem Analysis (Incl. RADs)		Calcium Hardness (as CaCO ₃)	Certified	SM 2340 B 22nd Ed.	20046417	500	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-47-3	Chromium, Total (as Cr)	Certified	EPA 200.7	10013806	3	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-47-3	Chromium, Total (as Cr)	Certified	EPA 200.8	10014605	3	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-50-8	Copper, Total	Certified	EPA 200.7	10013806	10	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-50-8	Copper, Total	Certified	EPA 200.8	10014605	10	ug/L
All Other DW Chem Analysis (Incl. RADs)	7439-89-6	Iron, Total (as Fe)	Certified	EPA 200.7	10013806	50	ug/L
All Other DW Chem Analysis (Incl. RADs)	7439-92-1	Lead, Total (as Pb)	Certified	EPA 200.8	10014605	0.20	ug/L
All Other DW Chem Analysis (Incl. RADs)	7439-95-4	Magnesium, Total (as Mg)	Certified	EPA 200.7	10013806	500	ug/L



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All Other DW Chem Analysis (Incl. RADs)	7439-96-5	Manganese, Total (as Mn)	Certified	EPA 200.7	10013806	2	ug/L
All Other DW Chem Analysis (Incl. RADs)	7439-96-5	Manganese, Total (as Mn)	Certified	EPA 200.8	10014605	2	ug/L
All Other DW Chem Analysis (Incl. RADs)	7439-97-6	Mercury, Total (as Hg)	Certified	EPA 245.1	10036609	0.20	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-02-0	Nickel, Total (as Ni)	Certified	EPA 200.7	10013806	10	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-02-0	Nickel, Total (as Ni)	Certified	EPA 200.8	10014605	10	ug/L
All Other DW Chem Analysis (Incl. RADs)	7782-49-2	Selenium, Total (as Se)	Certified	EPA 200.8	10014605	5	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-23-5	Sodium, Total (as Na)	Certified	EPA 200.7	10013806	500	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-28-0	Thallium, Total	Certified	EPA 200.8	10014605	1	ug/L
Disinfection By-Products		Trihalomethanes (Total)	Certified	EPA 524.2	10088809	0.50	ug/L

