

**Indiana**  
Department  
of  
**Health**



Eric J. Holcomb  
Governor

Kristina M. Box, MD, FACOG  
State Health Commissioner

## LETTER OF RECIPROCAL CERTIFICATION

February 28, 2023

Dr. James Williams  
Microbac Laboratories, Inc.- Kentucky Testing Laboratory  
3323 Gilmore Industrial Boulevard  
Louisville, Kentucky 40213

Dear Dr. Williams:

The Drinking Water Laboratory Certification program of the Indiana Department of Health, has reviewed your request to become a certified laboratory for chemical analyses of drinking water in the state of Indiana, pursuant to the requirements under the Safe Drinking Water Act (SDWA) 42 U.S.C. 300f et seq., the National Primary Drinking Water Regulations (NPDWR) 40 CFR 141 and 142, and the Indiana Primary Drinking Water Regulations (IPDWR) 327 IAC 8-2. Your submittal package contained certification information for the state of Kentucky, citing on-site inspections and the analysis of water supply (WS) proficiency testing (PT) samples from a Kentucky approved proficiency testing program.

Based on Indiana's policy of approving laboratories that are certified for drinking water analyses by states whose programs are approved by USEPA, and based on the results of the WS studies provided, the program issues the following determination, pursuant to IC 4-21.5-3-5:

- The laboratory shall retain full certification for: *antimony, arsenic, barium, beryllium, cadmium, chromium, nickel, selenium, thallium, copper, lead, nitrate, nitrite, fluoride, cyanide*, (as indicated on the Kentucky certification letter/certificate).

The laboratory has been assigned laboratory number C-KY-05. This identification number is to be used on all reports for compliance monitoring of public water supplies to the Indiana Department of Environmental Management. The expiration of Indiana certification will be the date that the laboratory's Kentucky certification expires (**December 31, 2023**) Indiana certification has been continuous and uninterrupted since last revised June 3, 2022.

To promote, protect, and improve the health and safety of all Hoosiers.



In addition, the laboratory is required to provide the certification officer with the following documents, as they become available: **[1]** any change in certification status or expiration date of Kentucky certificate **[2]** the report generated by the on-site assessment/audit performed by certifying authority (Kentucky), and **[3]** reports of WS PT sample analysis.

If you wish to seek review or stay of the effectiveness of this determination, pursuant to IC 4-21.5-3-7, you are required to submit, in writing, a petition, on or before March 28, 2023, to:

Office of the Secretary  
Indiana State Department of Health  
2 North Meridian Street  
Indianapolis, IN 46204

The petition for review or stay must include facts demonstrating that:

- The petitioner is a person to whom the determination is specifically directed.
- The petitioner is aggrieved or adversely affected by the agency determination; or,
- The petitioner is entitled to review under any law.

Questions concerning the certification status granted by this letter should be directed to Katie Sullivan, director of the Indiana Department of Health drinking water laboratory certification program, at [KatSullivan@HEALTH.in.gov](mailto:KatSullivan@HEALTH.in.gov) or (317) 921-5505.

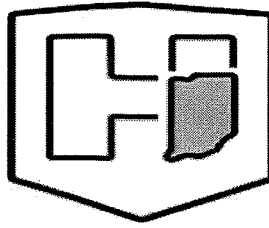
Dated at Indianapolis, Indiana, this 28th day of February 2023.

Sincerely,

Lixia Liu, PhD MP(ASCP) D(ABMM)  
Director, Indiana Department of Health Laboratories  
Indiana State Department of Health  
550 West 16th Street  
Indianapolis, Indiana 46202  
317 921-5808

CC: Jennifer Campbell (IDEM), Roger Svendsen (IDEM)

SCOPE OF CERTIFICATION  
 Microbac Laboratories, Inc.- KTL  
 3323 Gilmore Industrial Boulevard  
 Louisville, Kentucky 40213  
 C-KY-05



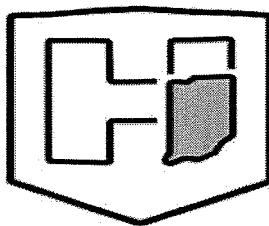
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ANALYTE	METHOD	ANALYTE	METHOD
<b>Metals</b>		<b>PCB</b>	
Antimony	EPA 200.8	as decachlorobiphenyl	Not certified
Arsenic	EPA 200.8	PCB screen only	Not certified
Barium	EPA 200.7	<b>HAA5s</b>	
Beryllium	EPA 200.7; EPA 200.8	HAA5s	Not certified
Cadmium	EPA 200.7; EPA 200.8	<b>Disinfection Byproducts</b>	
Chromium	EPA 200.7	Bromate	Not certified
Copper	EPA 200.7; EPA 200.8	Chlorite	Not certified
Lead	EPA 200.8	<b>TTHMs</b>	
Mercury	Not certified	TTHMs	Not certified
Nickel	EPA 200.7	<b>Carbamates</b>	
Selenium	EPA 200.8	Carbofuran	Not certified
Thallium	EPA 200.8	Oxamyl (vydate)	Not certified
<b>Non-Metals</b>		<b>Herbicides</b>	
Cyanide	SM 4500-CN G&E	2,4-D	Not certified
Fluoride	EPA 300.0	2,4,5-TP (silvex)	Not certified
Nitrate	EPA 300.0	Dalapon	Not certified
Nitrite	EPA 300.0	Dinoseb	Not certified
<b>Pesticides</b>		Diquat	Not certified
Alachlor	Not certified	Endothall	Not certified
Atrazine	Not certified	Glyphosate	Not certified
Chlordane	Not certified	Pentachlorophenol	Not certified
Endrin	Not certified	Picloram	Not certified
Heptachlor	Not certified	<b>Adipate &amp; Phthalate</b>	
Heptachlor epoxide	Not certified	Di(2-ethylhexyl)adipate	Not certified
Hexachlorobenzene	Not certified	Di(2-ethylhexyl)phthalate	Not certified
Hexachlorocyclopentadiene	Not certified	<b>EDB &amp; DBCP</b>	
Lindane	Not certified	1,2-Dibromoethane	Not certified
Methoxychlor	Not certified	1,2-Dibromo3Chloropropane	Not certified
Simazine	Not certified		
Toxaphene	Not certified		

Revised 2/28/2023 By: YJ

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ANALYTE	METHOD	ANALYTE	METHOD
<b>20 Regulated VOCs &amp; Vinyl Chloride</b>		<b>PAH</b>	
		Benzo(a)pyrene	Not certified
<b>Benzene</b>		<b>Miscellaneous Analytes</b>	
	Not certified	2,3,7,8-TCDD (dioxin)	Not certified
<b>Carbon tetrachloride</b>	Not certified	Asbestos	Not certified
<b>Chlorobenzene</b>	Not certified	Uranium (by 200.8 only)	Not certified
<b>1,2-dichlorobenzene</b>	Not certified		
<b>1,4-dichlorobenzene</b>	Not certified		
<b>1,2-dichloroethane</b>	Not certified		
<b>1,1-dichloroethylene</b>	Not certified		
<b>cis-1,2-dichloroethylene</b>	Not certified		
<b>trans-1,2-dichloroethylene</b>	Not certified		
<b>1,2-dichloropropane</b>	Not certified		
<b>Ethylbenzene</b>	Not certified		
<b>Styrene</b>	Not certified		
<b>Tetrachloroethylene</b>	Not certified		
<b>Toluene</b>	Not certified		
<b>1,1,1-trichloroethane</b>	Not certified		
<b>Trichloroethylene</b>	Not certified		
<b>Xylenes (total)</b>	Not certified		
<b>Dichloromethane</b>	Not certified		
<b>1,2,4-trichlorobenzene</b>	Not certified		
<b>1,1,2-trichloroethane</b>	Not certified		
<b>Vinyl chloride</b>	Not certified		

Revised 2/28/2023 By: VM