

CERTIFICATE OF APPROVAL

for Public Health Laboratory Service
in the Chemical Examination of Public Waters

This is to certify that

Microbac Laboratories, Inc. - Chicagoland Division

having duly met the requirements of the Indiana Department of Health Water Chemistry Certification Program under the Safe Drinking Water Act in accordance with the National Primary Drinking Water Regulations (40 CFR Part 141) and the Indiana Primary Drinking Water Regulations (327 IAC 8-1 & 8-2), is hereby approved for the following analytes(s) by the method(s) stipulated on their Scope of Certification:

antimony, arsenic, barium, beryllium, cadmium, chromium, cyanide, fluoride, mercury, nickel, selenium, thallium, copper, lead, nitrate, and nitrite, TTHMs

Laboratory No. C-45-03
Date Issued: December 30, 2022
Expires: December 31, 2025

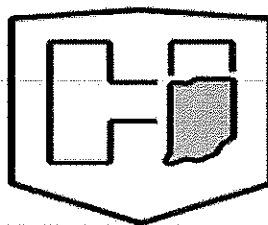


Lixia Liu, PhD MP(ASCP) D(ABMM)
Director, IDOH Laboratories

SUBJECT TO REVOCATION

Certification will automatically be suspended, for a parameter, if an acceptable PT has not been achieved in the last 365 days.
Certification valid only with proof of acceptable PT performance.

SCOPE OF CERTIFICATION
 Microbac Laboratories, Inc.
 Chicagoland Division
 250 West 84th Drive
 Merrillville, Indiana 46410
 C-45-03

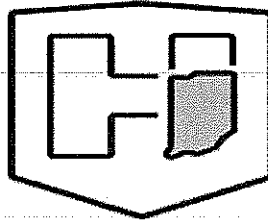


**Indiana
 Department
 of
 Health**

ANALYTE	METHOD	ANALYTE	METHOD
Metals		PCB	
Antimony	EPA 200.8	as decachlorobiphenyl	Not certified
Arsenic	EPA 200.8	PCB screen only	Not certified
Barium	EPA 200.7	HAA5s	
Beryllium	EPA 200.7; EPA 200.8	HAA5s	Not certified
Cadmium	EPA 200.7; EPA 200.8	Disinfection Byproducts	
Chromium	EPA 200.7; EPA 200.8	Bromate	Not certified
Copper	EPA 200.7; EPA 200.8	Chlorite	Not certified
Lead	EPA 200.8	TTHMs	
Mercury	EPA 245.1	TTHMs	EPA 524.2
Nickel	EPA 200.7; EPA 200.8	Carbamates	
Selenium	EPA 200.8	Carbofuran	Not certified
Thallium	EPA 200.8	Oxamyl (vydate)	Not certified
Non-Metals		Herbicides	
Cyanide	EPA 335.4	2,4-D	Not certified
Fluoride	SM 4500-F C;	2,4,5-TP (silvex)	Not certified
	EPA 300.0	Dalapon	Not certified
Nitrate	EPA 300.0; EPA 353.2	Dinoseb	Not certified
Nitrite	EPA 300.0; EPA 353.2	Diquat	Not certified
Pesticides		Endothall	Not certified
Alachlor	Not certified	Glyphosate	Not certified
Atrazine	Not certified	Pentachlorophenol	Not certified
Chlordane	Not certified	Picloram	Not certified
Endrin	Not certified	Adipate & Phthalate	
Heptachlor	Not certified	Di(2-ethylhexyl)adipate	Not certified
Heptachlor epoxide	Not certified	Di(2-ethylhexyl)phthalate	Not certified
Hexachlorobenzene	Not certified	EDB & DBCP	
Hexachlorocyclopentadiene	Not certified	1,2-Dibromoethane	Not certified
Lindane	Not certified	1,2-Dibromo3Chloropropane	Not certified
Methoxychlor	Not certified		
Simazine	Not certified		
Toxaphene	Not certified		

Revised 1/6/2023 By: 161

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

Revised 1/6/2023 By: JH