

IOWA DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL LABORATORY CERTIFICATION

Microbac Laboratories - Waterloo

IA LAB #051

The above-named laboratory has complied with 567 Iowa Administrative Code Chapter 83 and is certified to analyze samples in the programs listed below. Please refer to the accompanying letter of certification for the official list of individual certified analytes & methods. This certificate does not convey certification without the accompanying letter of certification.

~ DW ~ NPW ~

On behalf of the director

Kathleen A. Lee

5 September 2024

Certification Authority

EFFECTIVE: 9/1/2024

EXPIRES: 9/1/2026

Leading Iowans in Caring for Our Natural Resources



APPROVED PARAMETER LIST 1 - ANALYTE NAME



Microbac Laboratories - Waterloo
IA LAB #051

Effective: 11/07/2024
Expires: 09/01/2026

***** Begin Parameter List *****

Analyte Name	TNI Analyte Code	Method Name	TNI Method Code	SDWIS Code	SDWA Code	Regulatory Status
Program: Drinking Water						
E. coli	2525	SM 9223 B (Colilert Quanti-Tray)	20211409	9223B-QT	3014	C
		SM 9223 B (Colilert)	20212402	9223B-PA	3014	C
		SM 9223 B (Colilert-18 Quanti-Tray)	20213405	9223B-18QT	3014	C
		SM 9223 B (Colilert-18)	20214408	9223B-18PA	3014	C
Nitrate as N	1810	HACH 10206	60005030	HACH10206	1040	C
Nitrite as N	1840	SM 4500-NO ₂ ⁻ B	20112601	4500NO2-B	1041	C
Total Coliform	2500	SM 9223 B (Colilert Quanti-Tray)	20211409	9223B-QT	3100	C
		SM 9223 B (Colilert)	20212402	9223B-PA	3100	C
		SM 9223 B (Colilert-18 Quanti-Tray)	20213405	9223B-18QT	3100	C
		SM 9223 B (Colilert-18)	20214408	9223B-18PA	3100	C
Program: Nonpotable Water						
Biochemical Oxygen Demand (BOD)	1530	SM 5210 B-2011	20135266	NA	NA	C
Carbonaceous BOD (CBOD)	1555	SM 5210 B-2011	20135266	NA	NA	C
E. coli	2525	SM 9223 B (Colilert Quanti-Tray)-2004	20211614	NA	NA	C
		SM 9223 B (Colilert-18 Quanti-Tray)-2004	20213610	NA	NA	C
Fecal coliforms	2530	Colilert-18 (Fecal Coliforms)	60002688	NA	NA	C
		SM 9221 E + C-2006 (A1)	20196650	NA	NA	C
pH+	1900	SM 4500-H+ B-2011	20105220	NA	NA	C
TSS - Residue, nonfilterable	1960	USGS I-3765-85	40011209	NA	NA	C

***** End Parameter List *****