

IOWA DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL LABORATORY CERTIFICATION

Microbac Laboratories - Northbrook

IA LAB #437

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

25 June 2024

Certification Authority

EFFECTIVE: 7/1/2024

EXPIRES: 7/1/2026

Leading Iowans in Caring for Our Natural Resources



APPROVED PARAMETER LIST 2 - METHOD NAME



Microbac Laboratories - Northbrook
IA LAB #437

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

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

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
Program: Drinking Water						
EPA 900.0	10308200	Gross alpha including radon and U	2830	900.0	4002	C
		Gross Beta Particle Activity	2840	900.0	4100	C
EPA 900.0 (also requires 7500-U C)	10308200****	Gross alpha excluding radon & uranium	2833	900.0	4000	C
EPA 901.1	10308608	Cesium 134	2800	901.1	4270	C
EPA 903.1 (Also Requires Ra-05)	10309601**	Radium 226 & 228	2967	903.1/Ra-05	4010	C
EPA 903.1 (SC)	10309601	Radium-226	2965	903.1	4020	C
EPA 906.0	10310200	Tritium	3030	906	4102	C
EPA Ra-05	10212609	Radium-228	2970	Ra-05	4030	C
SM 7500-I C (GPC)	20166432	Iodine-131	2875	7500-IC	4264	C
SM 7500-U C	20177837	Combined Uranium	1184	7500-UC	4006	C
Program: Nonpotable Water						
EPA 900.0 (GPC)	10242601	Gross alpha including radon and U	2830	NA	NA	C
EPA 903.1 (SC)	10309601	Radium-226	2965	NA	NA	C
EPA Ra-05	10212609	Radium-228	2970	NA	NA	C

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