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Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S5K0445

Unatego Central School

Joseph W Clark
2641 STATE HIGHWAY 7
Otego, NY 13825

Project Name: High School

Project / PO Number: N/A
Received: 11/20/2025
Reported: 01/21/2026

Case Narrative

Revision 1 - 01/21/2026: Amended report to include correct Chain of Custody. SSW

Analytical Testing Parameters

Client Sample ID: KIT-S1
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-01
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000703	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1423	JXY

Client Sample ID: KIT-2
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-02
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00357	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1425	JXY

Client Sample ID: KIT-S3
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-03
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00186	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1427	JXY

Client Sample ID: KIT-4
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-04
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00365	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1428	JXY

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Client Sample ID: KIT-K1
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-05
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00108	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1430	JXY

Client Sample ID: KIT-6
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-06
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000690	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1432	JXY

Client Sample ID: SB-1
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-07
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00223	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1434	JXY

Client Sample ID: ICE
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-08
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1435	JXY

Client Sample ID: DF-1
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-09
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1437	JXY

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Client Sample ID: DF-1-BF
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-10
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS Method: EPA 200.8, Rv. 5.4 (1994)	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1439	JXY

Client Sample ID: DF-2
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-11
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS Method: EPA 200.8, Rv. 5.4 (1994)	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1446	JXY

Client Sample ID: DF-2-BF
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-12
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS Method: EPA 200.8, Rv. 5.4 (1994)	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1448	JXY

Client Sample ID: DF-3
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-13
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS Method: EPA 200.8, Rv. 5.4 (1994)	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1449	JXY

Client Sample ID: DF-3-BF
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-14
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS Method: EPA 200.8, Rv. 5.4 (1994)	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1451	JXY

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Client Sample ID: DF-4
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-15
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS Method: EPA 200.8, Rv. 5.4 (1994)	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1453	JXY

Client Sample ID: SB-2
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-16
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS Method: EPA 200.8, Rv. 5.4 (1994)	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1455	JXY

Client Sample ID: SB-3
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-17
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS Method: EPA 200.8, Rv. 5.4 (1994)	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Lead	0.000629	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1456	JXY

Client Sample ID: SB-4
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-18
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS Method: EPA 200.8, Rv. 5.4 (1994)	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1017	12/15/25 1458	JXY

Client Sample ID: DF-5
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-19
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS Method: EPA 200.8, Rv. 5.4 (1994)	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1517	JXY

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Client Sample ID: DF-5-BF
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-20
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1523	JXY

Client Sample ID: SB-5
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-21
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1524	JXY

Client Sample ID: OOS
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-22
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1526	JXY

Client Sample ID: SB-7
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-23
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00131	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1528	JXY

Client Sample ID: SB-8
Sample Matrix: Drinking Water
Lab Sample ID: S5K0445-24
Collected By: Brian Davis
Collection Date: 11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1530	JXY

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Client Sample ID:	SB-9		
Sample Matrix:	Drinking Water	**Collected By:**	Brian Davis
Lab Sample ID:	S5K0445-25	**Collection Date:**	11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1538	JXY

Client Sample ID:	SB-10		
Sample Matrix:	Drinking Water	**Collected By:**	Brian Davis
Lab Sample ID:	S5K0445-26	**Collection Date:**	11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1540	JXY

Client Sample ID:	SB-11		
Sample Matrix:	Drinking Water	**Collected By:**	Brian Davis
Lab Sample ID:	S5K0445-27	**Collection Date:**	11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	**0.00729**	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1542	JXY

Client Sample ID:	DF-6		
Sample Matrix:	Drinking Water	**Collected By:**	Brian Davis
Lab Sample ID:	S5K0445-28	**Collection Date:**	11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1544	JXY

Client Sample ID:	DF-6-BF		
Sample Matrix:	Drinking Water	**Collected By:**	Brian Davis
Lab Sample ID:	S5K0445-29	**Collection Date:**	11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1545	JXY

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S5K0445

Client Sample ID:	DF-7		
Sample Matrix:	Drinking Water	**Collected By:**	Brian Davis
Lab Sample ID:	S5K0445-30	**Collection Date:**	11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1547	JXY

Client Sample ID:	DF-8		
Sample Matrix:	Drinking Water	**Collected By:**	Brian Davis
Lab Sample ID:	S5K0445-31	**Collection Date:**	11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1549	JXY

Client Sample ID:	DF-8-BF		
Sample Matrix:	Drinking Water	**Collected By:**	Brian Davis
Lab Sample ID:	S5K0445-32	**Collection Date:**	11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000877	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1551	JXY

Client Sample ID:	DF-9		
Sample Matrix:	Drinking Water	**Collected By:**	Brian Davis
Lab Sample ID:	S5K0445-33	**Collection Date:**	11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1552	JXY

Client Sample ID:	DF-9-BF		
Sample Matrix:	Drinking Water	**Collected By:**	Brian Davis
Lab Sample ID:	S5K0445-34	**Collection Date:**	11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1554	JXY

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Client Sample ID:	SB-12		
Sample Matrix:	Drinking Water	**Collected By:**	Brian Davis
Lab Sample ID:	S5K0445-35	**Collection Date:**	11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000619	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1603	JXY

Client Sample ID:	ENT		
Sample Matrix:	Drinking Water	**Collected By:**	Brian Davis
Lab Sample ID:	S5K0445-36	**Collection Date:**	11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1605	JXY

Client Sample ID:	12TH GRADE HANDICAPED FOUNTAIN		
Sample Matrix:	Drinking Water	**Collected By:**	Brian Davis
Lab Sample ID:	S5K0445-37	**Collection Date:**	11/20/2025

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000566	0.00500 AL	0.000400	mg/L		12/15/25 1023	12/15/25 1607	JXY

*Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.*

Definitions

AL:	US EPA Action Level
mg/L:	Milligrams per Liter
RL:	Reporting Limit

Project Requested Certification(s)

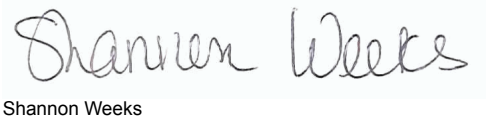
Microbac Laboratories, Inc., Pittston Division
12150 New York State Department of Health

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. ***The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.***

Reviewed and Approved By:



Shannon Weeks

Operations Manager

Reported: 01/21/2026 14:20