



Microbac Laboratories Inc., - Marietta, OH

CERTIFICATE OF ANALYSIS

M4B1611

Project Description

SCH-21185

For:

Cynthia Klevens

**New Hampshire Department of Environmental Services**

29 Hazen Drive

Concord, NH 03301

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Customer Relationship Coordinator

Jacqueline Parsons

Wednesday, March 6, 2024

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories Inc., - Marietta, OH. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

Microbac Laboratories, Inc.

158 Starlite Drive | Marietta, OH 45750 | 800.373.4071 p | [www.microbac.com](http://www.microbac.com)



Microbac Laboratories Inc., - Marietta, OH

CERTIFICATE OF ANALYSIS

M4B1611

New Hampshire Department of Environmental Services

Project Name: SCH-21185

Cynthia Klevens  
29 Hazen Drive  
Concord, NH 03301

Project / PO Number: SCH-21185  
Received: 02/26/2024  
Reported: 03/06/2024

Sample Summary Report

<u>Sample Name</u>	<u>Laboratory ID</u>	<u>Client Matrix</u>	<u>Sample Type</u>	<u>Sample Begin</u>	<u>Sample Taken</u>	<u>Lab Received</u>
1	M4B1611-01	Drinking Water	Grab		02/22/24 08:00	02/26/24 12:45
2	M4B1611-02	Drinking Water	Grab		02/22/24 08:02	02/26/24 12:45
3	M4B1611-03	Drinking Water	Grab		02/22/24 08:04	02/26/24 12:45
4	M4B1611-04	Drinking Water	Grab		02/22/24 08:06	02/26/24 12:45
5	M4B1611-05	Drinking Water	Grab		02/22/24 08:08	02/26/24 12:45
6	M4B1611-06	Drinking Water	Grab		02/22/24 08:10	02/26/24 12:45
7	M4B1611-07	Drinking Water	Grab		02/22/24 08:12	02/26/24 12:45
8	M4B1611-08	Drinking Water	Grab		02/22/24 08:14	02/26/24 12:45
9	M4B1611-09	Drinking Water	Grab		02/22/24 08:16	02/26/24 12:45
10	M4B1611-10	Drinking Water	Grab		02/22/24 08:18	02/26/24 12:45
11	M4B1611-11	Drinking Water	Grab		02/22/24 08:20	02/26/24 12:45
12	M4B1611-12	Drinking Water	Grab		02/22/24 08:22	02/26/24 12:45
13	M4B1611-13	Drinking Water	Grab		02/22/24 08:24	02/26/24 12:45
14	M4B1611-14	Drinking Water	Grab		02/22/24 08:26	02/26/24 12:45
15	M4B1611-15	Drinking Water	Grab		02/22/24 08:28	02/26/24 12:45
16	M4B1611-16	Drinking Water	Grab		02/22/24 08:30	02/26/24 12:45
17	M4B1611-17	Drinking Water	Grab		02/22/24 08:32	02/26/24 12:45
18	M4B1611-18	Drinking Water	Grab		02/22/24 08:34	02/26/24 12:45
19	M4B1611-19	Drinking Water	Grab		02/22/24 08:36	02/26/24 12:45
20	M4B1611-20	Drinking Water	Grab		02/22/24 08:38	02/26/24 12:45



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Analytical Testing Parameters

<b>Client Sample ID:</b> 1									
<b>Sample Matrix:</b> Drinking Water						<b>Collected By:</b> Eugene Frost			
<b>Lab Sample ID:</b> M4B1611-01						<b>Collection Date:</b> 02/22/2024 8:00			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		03/05/24 1112	03/05/24 1436	JYH

<b>Client Sample ID:</b> 2									
<b>Sample Matrix:</b> Drinking Water						<b>Collected By:</b> Eugene Frost			
<b>Lab Sample ID:</b> M4B1611-02						<b>Collection Date:</b> 02/22/2024 8:02			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.794	5 AL	0.400	ug/L		03/05/24 1112	03/05/24 1438	JYH

<b>Client Sample ID:</b> 3									
<b>Sample Matrix:</b> Drinking Water						<b>Collected By:</b> Eugene Frost			
<b>Lab Sample ID:</b> M4B1611-03						<b>Collection Date:</b> 02/22/2024 8:04			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		03/05/24 1112	03/05/24 1440	JYH

<b>Client Sample ID:</b> 4									
<b>Sample Matrix:</b> Drinking Water						<b>Collected By:</b> Eugene Frost			
<b>Lab Sample ID:</b> M4B1611-04						<b>Collection Date:</b> 02/22/2024 8:06			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		03/05/24 1112	03/05/24 1441	JYH

<b>Client Sample ID:</b> 5									
<b>Sample Matrix:</b> Drinking Water						<b>Collected By:</b> Eugene Frost			
<b>Lab Sample ID:</b> M4B1611-05						<b>Collection Date:</b> 02/22/2024 8:08			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		03/05/24 1112	03/05/24 1443	JYH



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<b>Client Sample ID:</b> 6	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-06		<b>Collection Date:</b> 02/22/2024 8:10

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		03/05/24 1112	03/05/24 1445	JYH

<b>Client Sample ID:</b> 7	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-07		<b>Collection Date:</b> 02/22/2024 8:12

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.461	5 AL	0.400	ug/L		03/05/24 1112	03/05/24 1446	JYH

<b>Client Sample ID:</b> 8	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-08		<b>Collection Date:</b> 02/22/2024 8:14

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.943	5 AL	0.400	ug/L		03/05/24 1110	03/05/24 1450	JYH

<b>Client Sample ID:</b> 9	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-09		<b>Collection Date:</b> 02/22/2024 8:16

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	3.80	5 AL	0.400	ug/L		03/05/24 1300	03/05/24 1503	JYH

<b>Client Sample ID:</b> 10	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-10		<b>Collection Date:</b> 02/22/2024 8:18

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.893	5 AL	0.400	ug/L		03/05/24 1300	03/05/24 1505	JYH



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<b>Client Sample ID:</b> 11	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-11		<b>Collection Date:</b> 02/22/2024 8:20

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	1.13	5 AL	0.400	ug/L		03/05/24 1300	03/05/24 1507	JYH

<b>Client Sample ID:</b> 12	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-12		<b>Collection Date:</b> 02/22/2024 8:22

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		03/05/24 1300	03/05/24 1508	JYH

<b>Client Sample ID:</b> 13	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-13		<b>Collection Date:</b> 02/22/2024 8:24

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		03/05/24 1300	03/05/24 1510	JYH

<b>Client Sample ID:</b> 14	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-14		<b>Collection Date:</b> 02/22/2024 8:26

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	2.08	5 AL	0.400	ug/L		03/05/24 1300	03/05/24 1512	JYH

<b>Client Sample ID:</b> 15	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-15		<b>Collection Date:</b> 02/22/2024 8:28

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	2.35	5 AL	0.400	ug/L		03/05/24 1300	03/05/24 1517	JYH



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<b>Client Sample ID:</b> 16	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-16		<b>Collection Date:</b> 02/22/2024 8:30

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	1.09	5 AL	0.400	ug/L		03/05/24 1300	03/05/24 1518	JYH

<b>Client Sample ID:</b> 17	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-17		<b>Collection Date:</b> 02/22/2024 8:32

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.698	5 AL	0.400	ug/L		03/05/24 1300	03/05/24 1520	JYH

<b>Client Sample ID:</b> 18	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-18		<b>Collection Date:</b> 02/22/2024 8:34

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.928	5 AL	0.400	ug/L		03/05/24 1300	03/05/24 1522	JYH

<b>Client Sample ID:</b> 19	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-19		<b>Collection Date:</b> 02/22/2024 8:36

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	3.25	5 AL	0.400	ug/L		03/05/24 1300	03/05/24 1523	JYH

<b>Client Sample ID:</b> 20	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> Eugene Frost
<b>Lab Sample ID:</b> M4B1611-20		<b>Collection Date:</b> 02/22/2024 8:38

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	1.05	5 AL	0.400	ug/L		03/05/24 1300	03/05/24 1525	JYH

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.



Microbac Laboratories Inc., - Marietta, OH

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Definitions

AL: US EPA Action Level
RL: Reporting Limit
ug/L: Micrograms per Liter

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 12.2°C

Cooler Inspection Checklist

Table with 4 columns: Item, Yes, No, and Yes. Rows include: Ice Present or not required?, Custody seals intact or not required?, COC includes customer information?, Sample collector identified on COC?, Correct type of Containers Received, Containers Intact?, Enough sample volume for indicated tests received?, Samples arrived within hold time?, Chemical preservations checked or not required?, VOA vials have zero headspace, or not recd.?, Shipping containers sealed or not required?, Chain of Custody (COC) Present?, Relinquished and received signature on COC?, Sample type identified on COC?, Correct number of containers listed on COC?, COC includes requested analyses?, Sample labels match COC (Name, Date & Time?), Correct preservatives on COC or not required?, Preservation checks meet method requirements?

Project Requested Certification(s)

Microbac Laboratories Inc., - Marietta, OH
283922

NH Environmental Laboratory Accreditation Program

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:

Handwritten signature of Jacqueline Parsons

Jacqueline Parsons
Customer Relationship Coordinator
Reported: 03/06/2024 09:19



M 4 B 1 6 1 1

### Chain of Custody Form

Please complete all fields marked with an asterisk

New Hampshire Department of Environmental Services

Rec'd: 02/26/2024 12:45

By: Erin Porter

Temp: 12.2

(Signature)

Project ID: SB247 LEAD 122  
 Received Temperature: \_\_\_\_\_  
 Requested Analysis: Stagnant Lead by EPA Method 200.8 Matrix: Drinking Water  
 Date: \_\_\_\_\_

Facility Name: Keene Middle School  
 Station ID Number: SCH-21185  
 \* Facility Address: 167 MAPLE AVE

\* Collected By: EUGENE FROST  
 \* Contact Name & Phone Number: KEVIN DOOLEY 603-313-7504

\* Relinquished By: KEN  
 \* Date & Time: 2-22-2024  
 Received By:   
 Date & Time: 2/26/24 12:45

OUTLET TYPES: BF: Bathroom Faucet CF: Classroom Faucet DF: Drinking Fountain IM: Ice Machine KF: Kitchen Faucet NS: Nurse's Sink O: Other R: Refrigerator

Outlet ID	Station ID	* Sample Date and Time	Floor Number	Outlet Type	Location / Room Number	Flush (Y/N)	Facility	Notes	Outlet Type Code
21185-1	SCH-21185	2-22 8:01 AM	1	Drinking Fountain	1100 Hallway FTN		Keene Middle School		DF
21185-2	SCH-21185	" 8:02	2	Classroom Faucet	2101 Sink		Keene Middle School		CF
21185-3	SCH-21185	" 8:04	2	Drinking Fountain	2200 Hallway FTN		Keene Middle School		DF
21185-4	SCH-21185	" 8:06	2	Drinking Fountain	2300 Hallway FTN		Keene Middle School		DF
21185-5	SCH-21185	" 8:08	1	Drinking Fountain	Cafeteria Water FTN		Keene Middle School		DF
21185-6	SCH-21185	" 8:10	1	Drinking Fountain	Gym FTN		Keene Middle School		DF
21185-7	SCH-21185	" 8:12	1	Nurse's Sink	Health Office Sink		Keene Middle School		NS
21185-8	SCH-21185	" 8:14	1	Classroom Faucet	Home EC Sink		Keene Middle School		CF
21185-9	SCH-21185	" 8:16	1	Kitchen Faucet	Kitchen Sink 1		Keene Middle School		KF
21185-10	SCH-21185	" 8:18	1	Kitchen Faucet	Kitchen Sink 2		Keene Middle School		KF
21185-11	SCH-21185	" 8:20	1	Kitchen Faucet	Kitchen Skillet Sink		Keene Middle School		KF
21185-12	SCH-21185	" 8:22	1	Drinking Fountain	Main Lobby 2 FTN		Keene Middle School		DF
21185-13	SCH-21185	" 8:24	1	Drinking Fountain	Main Lobby FTN New		Keene Middle School		DF
21185-14	SCH-21185	" 8:26	1	Classroom Faucet	Music Room Sink		Keene Middle School		CF
21185-15	SCH-21185	" 8:28	1	Classroom Faucet	Room 1403B Sink		Keene Middle School		CF
21185-16	SCH-21185	" 8:30	1	Classroom Faucet	Room 1407 Sink		Keene Middle School		CF
21185-17	SCH-21185	" 8:32	2	Classroom Faucet	Room 2401 Sink		Keene Middle School		CF
21185-18	SCH-21185	" 8:34	2	Classroom Faucet	Room 2411 Sink		Keene Middle School		CF
21185-19	SCH-21185	" 8:36	1	Other	Teachers Lounge		Keene Middle School		O
21185-20	SCH-21185	" 8:38	1	Other	Teachers Room 1005 Sink		Keene Middle School		O



