



Microbac Laboratories Inc., - Marietta, OH

CERTIFICATE OF ANALYSIS

M4B1631

Project Description

SCH-21195

For:

Cynthia Klevens

New Hampshire Department of Environmental Services

29 Hazen Drive

Concord, NH 03301

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



Microbac Laboratories Inc., - Marietta, OH

CERTIFICATE OF ANALYSIS

M4B1631

New Hampshire Department of Environmental Services

Project Name: SCH-21195

Cynthia Klevens
29 Hazen Drive
Concord, NH 03301

Project / PO Number: SCH-21195
Received: 02/26/2024
Reported: 03/06/2024

Case Narrative

No date collected shown on COC. Logged per date collected on sample label.

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	M4B1631-01	Drinking Water	Grab		02/22/24 09:00	02/26/24 12:45
2	M4B1631-02	Drinking Water	Grab		02/22/24 09:02	02/26/24 12:45
3	M4B1631-03	Drinking Water	Grab		02/22/24 09:04	02/26/24 12:45
4	M4B1631-04	Drinking Water	Grab		02/22/24 09:06	02/26/24 12:45
5	M4B1631-05	Drinking Water	Grab		02/22/24 09:08	02/26/24 12:45
6	M4B1631-06	Drinking Water	Grab		02/22/24 09:10	02/26/24 12:45
7	M4B1631-07	Drinking Water	Grab		02/22/24 09:12	02/26/24 12:45
8	M4B1631-08	Drinking Water	Grab		02/22/24 09:14	02/26/24 12:45
9	M4B1631-09	Drinking Water	Grab		02/22/24 09:16	02/26/24 12:45
10	M4B1631-10	Drinking Water	Grab		02/22/24 09:18	02/26/24 12:45
11	M4B1631-11	Drinking Water	Grab		02/22/24 09:20	02/26/24 12:45
12	M4B1631-12	Drinking Water	Grab		02/22/24 09:22	02/26/24 12:45
13	M4B1631-13	Drinking Water	Grab		02/22/24 09:24	02/26/24 12:45
14	M4B1631-14	Drinking Water	Grab		02/22/24 09:26	02/26/24 12:45
15	M4B1631-15	Drinking Water	Grab		02/22/24 09:28	02/26/24 12:45
16	M4B1631-16	Drinking Water	Grab		02/22/24 09:30	02/26/24 12:45
17	M4B1631-17	Drinking Water	Grab		02/22/24 09:32	02/26/24 12:45
18	M4B1631-18	Drinking Water	Grab		02/22/24 09:34	02/26/24 12:45
19	M4B1631-19	Drinking Water	Grab		02/22/24 09:36	02/26/24 12:45
20	M4B1631-20	Drinking Water	Grab		02/22/24 09:38	02/26/24 12:45



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Analytical Testing Parameters

Client Sample ID: 1									
Sample Matrix: Drinking Water						Collected By: Eugene Frost			
Lab Sample ID: M4B1631-01						Collection Date: 02/22/2024 9:00			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1203	JYH

Client Sample ID: 2									
Sample Matrix: Drinking Water						Collected By: Eugene Frost			
Lab Sample ID: M4B1631-02						Collection Date: 02/22/2024 9:02			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1205	JYH

Client Sample ID: 3									
Sample Matrix: Drinking Water						Collected By: Eugene Frost			
Lab Sample ID: M4B1631-03						Collection Date: 02/22/2024 9:04			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1207	JYH

Client Sample ID: 4									
Sample Matrix: Drinking Water						Collected By: Eugene Frost			
Lab Sample ID: M4B1631-04						Collection Date: 02/22/2024 9:06			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1208	JYH

Client Sample ID: 5									
Sample Matrix: Drinking Water						Collected By: Eugene Frost			
Lab Sample ID: M4B1631-05						Collection Date: 02/22/2024 9:08			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	2.07	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1210	JYH



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Client Sample ID: 6	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1631-06		Collection Date: 02/22/2024 9:10

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	0.828	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1212	JYH

Client Sample ID: 7	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1631-07		Collection Date: 02/22/2024 9:12

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	0.963	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1217	JYH

Client Sample ID: 8	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1631-08		Collection Date: 02/22/2024 9:14

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	3.00	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1218	JYH

Client Sample ID: 9	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1631-09		Collection Date: 02/22/2024 9:16

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	0.563	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1220	JYH

Client Sample ID: 10	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1631-10		Collection Date: 02/22/2024 9:18

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	1.17	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1222	JYH



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Client Sample ID: 11	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1631-11		Collection Date: 02/22/2024 9:20

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	1.48	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1223	JYH

Client Sample ID: 12	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1631-12		Collection Date: 02/22/2024 9:22

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1225	JYH

Client Sample ID: 13	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1631-13		Collection Date: 02/22/2024 9:24

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	1.11	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1227	JYH

Client Sample ID: 14	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1631-14		Collection Date: 02/22/2024 9:26

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	1.21	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1228	JYH

Client Sample ID: 15	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1631-15		Collection Date: 02/22/2024 9:28

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	3.46	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1230	JYH



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Client Sample ID: 16	Collected By: Eugene Frost
Sample Matrix: Drinking Water	Collection Date: 02/22/2024 9:30
Lab Sample ID: M4B1631-16	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1232	JYH

Client Sample ID: 17	Collected By: Eugene Frost
Sample Matrix: Drinking Water	Collection Date: 02/22/2024 9:32
Lab Sample ID: M4B1631-17	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	2.00	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1237	JYH

Client Sample ID: 18	Collected By: Eugene Frost
Sample Matrix: Drinking Water	Collection Date: 02/22/2024 9:34
Lab Sample ID: M4B1631-18	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	1.03	5 AL	0.400	ug/L		03/06/24 0813	03/06/24 1238	JYH

Client Sample ID: 19	Collected By: Eugene Frost
Sample Matrix: Drinking Water	Collection Date: 02/22/2024 9:38
Lab Sample ID: M4B1631-19	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	3.08	5 AL	0.400	ug/L		03/06/24 0809	03/06/24 1020	JYH

Client Sample ID: 20	Collected By: Eugene Frost
Sample Matrix: Drinking Water	Collection Date: 02/22/2024 9:38
Lab Sample ID: M4B1631-20	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	5 AL	0.400	ug/L		03/06/24 0809	03/06/24 1025	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.



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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: 10.2°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 14:32



M 4 B 1 6 3 1

Chain of Custody Form

Please complete all fields marked with an *

New Hampshire Department of Environmental Services

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

By: Erin Porter

Temp: 10.2

(Signature)

For lab use only:

Project ID: SB247 LEAD

Received Temperature: 10.2

Requested Analysis: Stagnant Lead by EPA Method 200.8 Matrix: Drinking Water

Date:

Facility Name: Keene High School
Station ID Number: SCH-21195

* Facility Address: 43 ARCH STREET

* Collected By: EUGENE FROST

* Contact Name & Phone Number: KEN DOOLBY 603-313-7504

* Relinquished By: KEN

* Date & Time: 2-22-2024

Received By: [Signature]

Date & Time: 2-26-24 12:45

Relinquished By:

Date & Time:

Received By:

Date & Time:

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
21195-1	SCH-21195	9:00	1	Drinking Fountain	Automotive FTN		Keene High School		DF
21195-2	SCH-21195	9:02	1	Drinking Fountain	Cafeteria FTN New		Keene High School		DF
21195-3	SCH-21195	9:04	1	Drinking Fountain	Cafeteria FTN Old		Keene High School		DF
21195-4	SCH-21195	9:06	1	Drinking Fountain	Campus FTN		Keene High School		DF
21195-5	SCH-21195	9:08	1	Classroom Faucet	Career RM Sink		Keene High School		DF
21195-6	SCH-21195	9:10	1	Classroom Faucet	Childcare Kitchen		Keene High School		CF
21195-7	SCH-21195	9:12	1	Classroom Faucet	Culinary Center Sink 1		Keene High School		CF
21195-8	SCH-21195	9:14	1	Classroom Faucet	Culinary Center Sink 2		Keene High School		CF
21195-9	SCH-21195	9:16	1	Classroom Faucet	Facility Lounge Sink		Keene High School		CF
21195-10	SCH-21195	9:18	1	Drinking Fountain	Guidance Hallway FTN		Keene High School		DF
21195-11	SCH-21195	9:20	1	Drinking Fountain	Gym FTN		Keene High School		DF
21195-12	SCH-21195	9:22	1	Drinking Fountain	Home BLDG FTN		Keene High School		DF
21195-13	SCH-21195	9:24	1	Classroom Faucet	Home ECCN Sink 5		Keene High School		CF
21195-14	SCH-21195	9:26	1	Kitchen Faucet	Kitchen Sink 1		Keene High School		KF
21195-15	SCH-21195	9:28	1	Kitchen Faucet	Kitchen Sink 2		Keene High School		KF
21195-16	SCH-21195	9:30	1	Drinking Fountain	Main Lobby FTN New		Keene High School		DF
21195-17	SCH-21195	9:32	1	Nurse's Sink	Nurses Room Sink 2		Keene High School		NS
21195-18	SCH-21195	9:34	1	Nurse's Sink	Nurses Sink 1		Keene High School		NS
21195-19	SCH-21195	9:36	1	Kitchen Faucet	Room 323 Kitchen Sink		Keene High School		KF
21195-20	SCH-21195	9:38	1	Drinking Fountain	Wrestling Room FTN		Keene High School		DF



Work Order #
M7B1637

COOLER TEMP >6° C LOG

SAMPLE ID	Bottle 1 °C	Bottle 2 °C	Bottle 3 °C	Bottle 4 °C	Bottle 5 °C	Bottle 6 °C

pH Lot # *HCS167.9*

SAMPLE ID	Bottle 1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6	pH	Exceptions
<i>SC11-2185</i>	<i>metals</i>							

PRESERVATIVE EXCEPTIONS
 NONE
 AS NOTED