



Microbac Laboratories Inc., - Marietta, OH

CERTIFICATE OF ANALYSIS

M4B1608

Project Description

SCH-29180

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.

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M4B1608

New Hampshire Department of Environmental Services

Project Name: SCH-29180

Cynthia Klevens
29 Hazen Drive
Concord, NH 03301

Project / PO Number: SCH-29180
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	M4B1608-01	Drinking Water	Grab		02/22/24 07:30	02/26/24 12:15
2	M4B1608-02	Drinking Water	Grab		02/22/24 07:33	02/26/24 12:15
3	M4B1608-03	Drinking Water	Grab		02/22/24 07:35	02/26/24 12:15
4	M4B1608-04	Drinking Water	Grab		02/22/24 07:37	02/26/24 12:15
5	M4B1608-05	Drinking Water	Grab		02/22/24 07:41	02/26/24 12:15
6	M4B1608-06	Drinking Water	Grab		02/22/24 07:43	02/26/24 12:15
7	M4B1608-07	Drinking Water	Grab		02/22/24 07:45	02/26/24 12:15
8	M4B1608-08	Drinking Water	Grab		02/22/24 07:47	02/26/24 12:15
9	M4B1608-09	Drinking Water	Grab		02/22/24 07:49	02/26/24 12:15
10	M4B1608-10	Drinking Water	Grab		02/22/24 07:51	02/26/24 12:15
11	M4B1608-11	Drinking Water	Grab		02/22/24 07:53	02/26/24 12:15



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Analytical Testing Parameters

Client Sample ID: 1									
Sample Matrix: Drinking Water						Collected By: Eugene Frost			
Lab Sample ID: M4B1608-01						Collection Date: 02/22/2024 7:30			

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		03/05/24 1110	03/05/24 1208	JYH

Client Sample ID: 2									
Sample Matrix: Drinking Water						Collected By: Eugene Frost			
Lab Sample ID: M4B1608-02						Collection Date: 02/22/2024 7:33			

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	3.71	5 AL	0.400	ug/L		03/05/24 1110	03/05/24 1213	JYH

Client Sample ID: 3									
Sample Matrix: Drinking Water						Collected By: Eugene Frost			
Lab Sample ID: M4B1608-03						Collection Date: 02/22/2024 7:35			

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		03/05/24 1110	03/05/24 1214	JYH

Client Sample ID: 4									
Sample Matrix: Drinking Water						Collected By: Eugene Frost			
Lab Sample ID: M4B1608-04						Collection Date: 02/22/2024 7:37			

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	9.11	5 AL	0.400	ug/L		03/05/24 1110	03/05/24 1216	JYH

Client Sample ID: 5									
Sample Matrix: Drinking Water						Collected By: Eugene Frost			
Lab Sample ID: M4B1608-05						Collection Date: 02/22/2024 7:41			

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	1.46	5 AL	0.400	ug/L		03/05/24 1110	03/05/24 1218	JYH



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Client Sample ID: 6	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1608-06		Collection Date: 02/22/2024 7:43

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	10.2	5 AL	0.400	ug/L		03/05/24 1110	03/05/24 1448	JYH

Client Sample ID: 7	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1608-07		Collection Date: 02/22/2024 7:45

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	10.0	5 AL	0.400	ug/L		03/05/24 1110	03/05/24 1336	JYH

Client Sample ID: 8	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1608-08		Collection Date: 02/22/2024 7:47

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	22.5	5 AL	0.400	ug/L		03/05/24 1110	03/05/24 1338	JYH

Client Sample ID: 9	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1608-09		Collection Date: 02/22/2024 7:49

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	9.91	5 AL	0.400	ug/L		03/05/24 1110	03/05/24 1340	JYH

Client Sample ID: 10	Sample Matrix: Drinking Water	Collected By: Eugene Frost
Lab Sample ID: M4B1608-10		Collection Date: 02/22/2024 7:51

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	263	5 AL	0.400	ug/L		03/05/24 1110	03/05/24 1341	JYH



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Client Sample ID: 11	Collected By: Eugene Frost
Sample Matrix: Drinking Water	Collection Date: 02/22/2024 7:53
Lab Sample ID: M4B1608-11	

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		03/05/24 1110	03/05/24 1343	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.

Definitions

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

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 8.9°C

Cooler Inspection Checklist

Ice Present or not required?	Yes	Shipping containers sealed or not required?	Yes
Custody seals intact or not required?	Yes	Chain of Custody (COC) Present?	Yes
COC includes customer information?	Yes	Relinquished and received signature on COC?	Yes
Sample collector identified on COC?	Yes	Sample type identified on COC?	Yes
Correct type of Containers Received	Yes	Correct number of containers listed on COC?	Yes
Containers Intact?	Yes	COC includes requested analyses?	Yes
Enough sample volume for indicated tests received?	Yes	Sample labels match COC (Name, Date & Time?)	Yes
Samples arrived within hold time?	Yes	Correct preservatives on COC or not required?	Yes
Chemical preservations checked or not required?	Yes	Preservation checks meet method requirements?	Yes
VOA vials have zero headspace, or not recd.?	Yes		

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:

Jacqueline Parsons
Customer Relationship Coordinator
Reported: 03/06/2024 09:26

