



Microbac Laboratories Inc., - Marietta, OH

CERTIFICATE OF ANALYSIS

M3D1120

Project Description

CB-02369

For:

LeAnne Atwell

New Hampshire Department of Environmental Services

29 Hazen Drive

Concord, NH 03301

Project Manager

Alicia Walker

Tuesday, May 2, 2023

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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Microbac Laboratories Inc., - Marietta, OH

CERTIFICATE OF ANALYSIS

M3D1120

New Hampshire Department of Environmental Services

Project Name: CB-02369

LeAnne Atwell
29 Hazen Drive
Concord, NH 03301

Project / PO Number: CB-02369
Received: 04/19/2023
Reported: 05/02/2023

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	M3D1120-01	Drinking Water	Grab		04/14/23 06:40	04/19/23 09:30
2	M3D1120-02	Drinking Water	Grab		04/14/23 06:40	04/19/23 09:30
3	M3D1120-03	Drinking Water	Grab		04/14/23 06:40	04/19/23 09:30
4	M3D1120-04	Drinking Water	Grab		04/14/23 06:40	04/19/23 09:30
5	M3D1120-05	Drinking Water	Grab		04/14/23 06:40	04/19/23 09:30
6	M3D1120-06	Drinking Water	Grab		04/14/23 06:30	04/19/23 09:30
7	M3D1120-07	Drinking Water	Grab		04/14/23 06:30	04/19/23 09:30
8	M3D1120-08	Drinking Water	Grab		04/14/23 06:30	04/19/23 09:30
9	M3D1120-09	Drinking Water	Grab		04/14/23 06:30	04/19/23 09:30
10	M3D1120-10	Drinking Water	Grab		04/14/23 06:30	04/19/23 09:30
11	M3D1120-11	Drinking Water	Grab		04/14/23 06:35	04/19/23 09:30
12	M3D1120-12	Drinking Water	Grab		04/14/23 06:35	04/19/23 09:30
13	M3D1120-13	Drinking Water	Grab		04/14/23 06:35	04/19/23 09:30
14	M3D1120-14	Drinking Water	Grab		04/14/23 06:35	04/19/23 09:30
15	M3D1120-15	Drinking Water	Grab		04/14/23 06:35	04/19/23 09:30



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M3D1120

Analytical Testing Parameters

Client Sample ID: 1									
Sample Matrix: Drinking Water						Collected By: Laura Johnson			
Lab Sample ID: M3D1120-01						Collection Date: 04/14/2023 6:40			

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	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1042	JYH

Client Sample ID: 2									
Sample Matrix: Drinking Water						Collected By: Laura Johnson			
Lab Sample ID: M3D1120-02						Collection Date: 04/14/2023 6:40			

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	1.86	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1048	JYH

Client Sample ID: 3									
Sample Matrix: Drinking Water						Collected By: Laura Johnson			
Lab Sample ID: M3D1120-03						Collection Date: 04/14/2023 6:40			

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	1.83	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1051	JYH

Client Sample ID: 4									
Sample Matrix: Drinking Water						Collected By: Laura Johnson			
Lab Sample ID: M3D1120-04						Collection Date: 04/14/2023 6:40			

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	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1053	JYH

Client Sample ID: 5									
Sample Matrix: Drinking Water						Collected By: Laura Johnson			
Lab Sample ID: M3D1120-05						Collection Date: 04/14/2023 6:40			

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	0.520	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1055	JYH



Microbac Laboratories Inc., - Marietta, OH

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M3D1120

Client Sample ID: 6	Sample Matrix: Drinking Water	Collected By: Laura Johnson
Lab Sample ID: M3D1120-06		Collection Date: 04/14/2023 6:30

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	0.718	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1057	JYH

Client Sample ID: 7	Sample Matrix: Drinking Water	Collected By: Laura Johnson
Lab Sample ID: M3D1120-07		Collection Date: 04/14/2023 6:30

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	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1104	JYH

Client Sample ID: 8	Sample Matrix: Drinking Water	Collected By: Laura Johnson
Lab Sample ID: M3D1120-08		Collection Date: 04/14/2023 6:30

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	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1113	JYH

Client Sample ID: 9	Sample Matrix: Drinking Water	Collected By: Laura Johnson
Lab Sample ID: M3D1120-09		Collection Date: 04/14/2023 6:30

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	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1115	JYH

Client Sample ID: 10	Sample Matrix: Drinking Water	Collected By: Laura Johnson
Lab Sample ID: M3D1120-10		Collection Date: 04/14/2023 6:30

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	1.12	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1117	JYH



Microbac Laboratories Inc., - Marietta, OH

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M3D1120

Client Sample ID: 11	Sample Matrix: Drinking Water	Collected By: Laura Johnson
Lab Sample ID: M3D1120-11		Collection Date: 04/14/2023 6:35

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	0.775	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1119	JYH

Client Sample ID: 12	Sample Matrix: Drinking Water	Collected By: Laura Johnson
Lab Sample ID: M3D1120-12		Collection Date: 04/14/2023 6:35

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	3.05	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1122	JYH

Client Sample ID: 13	Sample Matrix: Drinking Water	Collected By: Laura Johnson
Lab Sample ID: M3D1120-13		Collection Date: 04/14/2023 6:35

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	0.550	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1124	JYH

Client Sample ID: 14	Sample Matrix: Drinking Water	Collected By: Laura Johnson
Lab Sample ID: M3D1120-14		Collection Date: 04/14/2023 6:35

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	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1126	JYH

Client Sample ID: 15	Sample Matrix: Drinking Water	Collected By: Laura Johnson
Lab Sample ID: M3D1120-15		Collection Date: 04/14/2023 6:35

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	35.5	5.00 AL	0.400	ug/L		04/25/23 1047	04/27/23 1128	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: 19.5°C

Cooler Inspection Checklist

Table with 4 columns: Item, Yes/No, Item, Yes/No. 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 Alicia Walker

Alicia Walker
Project Manager
Reported: 05/02/2023 12:41

Chain of Custody Form

Please complete all fields marked with an asterisk (*)

Project ID: SB247 LEAD 19.5 For lab use only:
 Received Temperature: _____ Date: _____
 Requested Analysis: Stagnant Lead by EPA Method 200.8 Matrix: Drinking Water

Facility Name: Alpha-Bits Learning Center I
 Station ID Number: CB-02369

* Facility Address: 333 Allard Dr. Manchester 03102

* Collected By: Laura E. Johnson

* Contact Name & Phone Number: Laura Johnson 603-641-0042

* Relinquished By: [Signature]


* Date & Time: 04/14/2023

Received By: Brenda Gregory

Date & Time: 4/19/23

OUTLET TYPES: BF: Bathroom Faucet CF: Classroom Faucet DF: Drinking Fountain IM: Ice Machine KP: 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
02369-6	CB-02369	4/14 11:50	2	Classroom Faucet	PEANUTS	N	Alpha-Bits Learning Center I		CF
02369-7	CB-02369	4/14 12:30	2	Classroom Faucet	MUNCHKINS	N	Alpha-Bits Learning Center I		CF
02369-8	CB-02369	4/14 12:30	2	Classroom Faucet	BUTTERFLIES	N	Alpha-Bits Learning Center I		CF
02369-9	CB-02369	4/14 12:30	2	Classroom Faucet	FLUFFERNUTTERS	N	Alpha-Bits Learning Center I		CF
02369-10	CB-02369	4/14 12:30	2	Classroom Faucet	GUM DROPS	N	Alpha-Bits Learning Center I		CF
02369-11	CB-02369	4/14 12:30	3	Classroom Faucet	POLLWOGS CONFEREN	N	Alpha-Bits Learning Center I		CF
02369-12	CB-02369	4/14 12:30	3	Classroom Faucet	JUMPING BEANS	N	Alpha-Bits Learning Center I		CF
02369-13	CB-02369	4/14 12:30	3	Classroom Faucet	BUSY BEES	N	Alpha-Bits Learning Center I		CF
02369-14	CB-02369	4/14 12:30	3	Classroom Faucet	GINGERSNAPS	N	Alpha-Bits Learning Center I		CF
02369-15	CB-02369	4/14 12:30	3	Classroom Faucet	LOLLIPOPS	N	Alpha-Bits Learning Center I		CF
2319-1	CB-02369	4/14 0:40	1	CLASSROOM	DIVANER PUTS	N	" "		"
2319-2	"	4/14 10:00	1	"	HAGGIES	"	" "		"
2319-3	"	4/14 11:00	1	"	KIPP HAIN	"	" "		"
2319-4	"	4/14 12:40	1	"	CLUMPS	"	" "		"
2319-5	"	4/14 2:00	1	"	OLLY TWAIN	"	" "		"


M 3 D 1 1 2 0
 New Hampshire Department of Environmental Services
 Rec'd: 04/19/2023 09:30
 By: Brenda Gregory Temp: 19.5 _____
 (Signature)



Work Order #

M3D 1120

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

4-19-23

blg

pH Lot # HC 205981

pH

Exceptions

SAMPLE ID	Bottle 1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6
CB-02369	Metals					

4-19-23

blg

**PRESERVATIVE
EXCEPTIONS**

NONE

AS NOTED

blg 4-19-23