



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T3D1088

Project Description

School Lead Testing

For:

Lisa Knewasser

**Broome-Tioga BOCES**

435 Glenwood RD

Binghamton, NY 13905

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Project Manager

Joseph Palanza

Monday, August 14, 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., Pittston Division. 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., Pittston Division

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*Revised Report:  
Amended - See Case  
Narrative.*

**Broome-Tioga BOCES**

Lisa Knewasser  
435 Glenwood RD  
Binghamton, NY 13905

**Project Name: School Lead Testing**

Project / PO Number: BTB-JCLC  
Received: 04/07/2023  
Reported: 08/14/2023

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**Case Narrative**

Revision 1 - 08/14/2023: Revised to show correct MDL

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**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>
BTB-JCLC-2nd Floor-WD	T3D1088-01	Drinking Water	Grab		04/04/23 07:28	04/07/23 16:36
BTB-JCLC-2nd Floor Conference Room-WD	T3D1088-02	Drinking Water	Grab		04/04/23 07:29	04/07/23 16:36



Microbac Laboratories, Inc., Pittston Division

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Analytical Testing Parameters

Client Sample ID: BTB-JCLC-2nd Floor-WD

Sample Matrix: Drinking Water

Lab Sample ID: T3D1088-01

Collected By: Lisa Knewasser

Collection Date: 04/04/2023 7:28

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.005 AL	0.0010	mg/L		04/17/23 1214	04/17/23 1446	MMC

Client Sample ID: BTB-JCLC-2nd Floor Conference Room-WD

Sample Matrix: Drinking Water

Lab Sample ID: T3D1088-02

Collected By: Lisa Knewasser

Collection Date: 04/04/2023 7:29

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.005 AL	0.0010	mg/L		04/17/23 1214	04/17/23 1451	MMC

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

Cooler Receipt Log

Cooler ID: Default Cooler

Temp: 16.1°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		



Microbac Laboratories, Inc., Pittston Division

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**Project Requested Certification(s)**

Microbac Laboratories, Inc. - Dayville

11549

Microbac Laboratories, Inc., Pittston Division

35-05082

New York State Department of Health

Pennsylvania Department of Environmental Protection

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**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:**

Joseph Palanza

Project Manager

Reported: 08/14/2023 10:08

# CHAIN OF CUSTODY RECORD

Number

Lab Report Address **435 Glenwood Rd**  
 Client Name: **BT BOCES**  
 Address: **435 Glenwood Rd**  
 City, State, Zip: **Binghamton, N.Y. 13905**  
 Contact: **Lisa Knewasser**  
 Telephone No.: **607-752-0261 (cell)**  
 Send Report via: ☒ Mail ☐ Fax ☐ e-mail (address)  
 Project: **1 Knewasser@btbooces.org**  
 Location: **PO No.:**  
 Invoice Address **Same**  
 Client Name:  
 Address:  
 City, State, Zip:  
 Contact: **Sarah VanGelder**  
 Telephone No.: **607-763-3354**  
 Send Invoice via: ☒ Mail ☐ Fax ☐ e-mail (address)  
 PO No.:  
 Compliance Monitoring? ☐ Yes ☐ No  
 Agency/Program

Sampler Phone No.:

Sampler Signature:

\* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)  
 \*\* Preservative Types: (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

Lab ID	Client Sample ID	Date Collected	Time Collected	Matrix	No. of Containers	Grab / Comp	Preservative Types **
1.	BTB-JCLC-2nd floor	9/14/23	7:28			X	HN03
2.	BTB-JCLC-2nd floor conference rm		7:29				

Additional Notes

Lead in drinking water



Broome-Tioga BOCES  
PM: Kylie Ryan

Possible Hazard Identification Comments ☒ Hazardous ☐ Non-Hazardous ☐ Radioactive

Sample Disposition ☒ Dispose as appropriate ☐ Return ☐ Archive

Relinquished By (signature) <b>Lisa Knewasser</b>	Date/Time <b>9/6/23 115</b>	Received By (signature) <b>[Signature]</b>	Date/Time <b>9-7-23 1257</b>
Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time

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