



Microbac Laboratories, Inc. - Erie

CERTIFICATE OF ANALYSIS

F4J0861

Montessori Regional Charter School

Project Name: Lead in Water Samples

Joe Pellegrino  
2549 W 8th ST  
Erie, PA 16505

Project / PO Number: N/A  
Received: 10/24/2024  
Reported: 10/30/2024

Analytical Testing Parameters

Client Sample ID: Bottle Fill, Natatorium Lobby  
Sample Matrix: Drinking Water  
Lab Sample ID: F4J0861-01

Collected By: Tim McLaughlin  
Collection Date: 10/23/2024 14:15

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.599	15	0.400	ug/L		10/29/24 1059	10/29/24 1059	SEV

Client Sample ID: Sink, B106C  
Sample Matrix: Drinking Water  
Lab Sample ID: F4J0861-02

Collected By: Tim McLaughlin  
Collection Date: 10/23/2024 13:35

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15	0.400	ug/L		10/29/24 1110	10/29/24 1110	SEV

Client Sample ID: Sink B106D  
Sample Matrix: Drinking Water  
Lab Sample ID: F4J0861-03

Collected By: Tim McLaughlin  
Collection Date: 10/23/2024 13:36

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.57	15	0.400	ug/L		10/29/24 1112	10/29/24 1112	SEV

Client Sample ID: Incoming Water, Boiler Room Sink  
Sample Matrix: Drinking Water  
Lab Sample ID: F4J0861-04

Collected By: Tim McLaughlin  
Collection Date: 10/23/2024 13:40

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15	0.400	ug/L		10/29/24 1115	10/29/24 1115	SEV

Microbac Laboratories, Inc. - Erie

5340 Fryling Road, Suite 103 | Erie, PA 16510 | 814.825.8533 p | www.microbac.com



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CERTIFICATE OF ANALYSIS

F4J0861

Client Sample ID: Bottle Fill by E-105

Sample Matrix: Drinking Water

Lab Sample ID: F4J0861-05

Collected By: Tim McLaughlin

Collection Date: 10/23/2024 13:45

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15	0.400	ug/L		10/29/24 1117	10/29/24 1117	SEV

Client Sample ID: Bottle Fill, 1st Floor by Exit 4

Sample Matrix: Drinking Water

Lab Sample ID: F4J0861-06

Collected By: Tim McLaughlin

Collection Date: 10/23/2024 13:50

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15	0.400	ug/L		10/29/24 1120	10/29/24 1120	SEV

Client Sample ID: Bottle Fill, 2nd Floor by Exit 4

Sample Matrix: Drinking Water

Lab Sample ID: F4J0861-07

Collected By: Tim McLaughlin

Collection Date: 10/23/2024 13:55

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.420	15	0.400	ug/L		10/29/24 1122	10/29/24 1122	SEV

Client Sample ID: Bottle Fill, 2nd Floor by E-205

Sample Matrix: Drinking Water

Lab Sample ID: F4J0861-08

Collected By: Tim McLaughlin

Collection Date: 10/23/2024 14:00

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15	0.400	ug/L		10/29/24 1133	10/29/24 1133	SEV



Microbac Laboratories, Inc. - Erie

CERTIFICATE OF ANALYSIS

F4J0861

Client Sample ID: Bottle Fill, 3rd Floor by E-305

Sample Matrix: Drinking Water

Lab Sample ID: F4J0861-09

Collected By: Tim McLaughlin

Collection Date: 10/23/2024 14:04

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15	0.400	ug/L		10/29/24 1135	10/29/24 1135	SEV

Client Sample ID: 3-Bowl Sink, Kitchen

Sample Matrix: Drinking Water

Lab Sample ID: F4J0861-10

Collected By: Tim McLaughlin

Collection Date: 10/23/2024 14:18

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15	0.400	ug/L		10/29/24 1138	10/29/24 1138	SEV

Client Sample ID: Bottle Fill, Cafeteria

Sample Matrix: Drinking Water

Lab Sample ID: F4J0861-11

Collected By: Tim McLaughlin

Collection Date: 10/23/2024 14:20

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15	0.400	ug/L		10/29/24 1140	10/29/24 1140	SEV

Client Sample ID: Bottle Fill, 3rd Flr by Library - Stagnant sample

Sample Matrix: Drinking Water

Lab Sample ID: F4J0861-12

Collected By: Tim McLaughlin

Collection Date: 10/23/2024 14:08

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15	0.400	ug/L			10/29/24 1151	SEV



Microbac Laboratories, Inc. - Erie

CERTIFICATE OF ANALYSIS

F4J0861

Client Sample ID: Bottle Fill, 3rd Flr by Library - Flushed sample  
Sample Matrix: Drinking Water  
Lab Sample ID: F4J0861-13

Collected By: Tim McLaughlin  
Collection Date: 10/23/2024 14:10

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15	0.400	ug/L		10/29/24 1153	10/29/24 1153	SEV

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

RL: Reporting Limit  
ug/L: Micrograms per Liter

Project Requested Certification(s)

Microbac Laboratories Inc., Pittsburgh Division  
02-00257

Pennsylvania Department of Environmental Protection  
Pennsylvania Department of Environmental Protection - PARULE

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:

Carolyn Vollentine  
Service Center Manager  
Reported: 10/30/2024 10:31



# Chain of Custody

Microbac Laboratories, Inc. - Erie

Lab Contact: Carolyn Vollenstein



F4J0861

TAT 7 days

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Montessori Regional Charter School

Project Name: Lead in Water Samples

Joe Pellegrino  
2549 W 8th ST  
Erie, PA 16505  
Phone: (814) 833-7771  
jpellegrino@mrcserie.org

Project/PO Number: N/A  
Tenatively Scheduled: 10/22/2024  
Route:

Client Sample ID: Bottle Fill, Natatorium Lobby

Lab Sample ID: F4J0861-01

Matrix: Drinking Water

Sampled Date & Time: 10-23-24 14:15

Type:

Analysis	Method	Field Results/Comments	Hold Time
200.8 Pb	EPA 200.8, Rv. 5.4 (1994)		180 days
Turbidity Metals E180.1	EPA 180.1, Rv. 2 (1993)	Turb for DW Metals	2 days
		Container(s)	Designator
		250ml-Bottle HDPE-NoPres	A

Client Sample ID: Sink, B106C

Lab Sample ID: F4J0861-02

Matrix: Drinking Water

Sampled Date & Time: 10-23-24 13:35

Type:

Analysis	Method	Field Results/Comments	Hold Time
200.8 Pb	EPA 200.8, Rv. 5.4 (1994)		180 days
Turbidity Metals E180.1	EPA 180.1, Rv. 2 (1993)	Turb for DW Metals	2 days
		Container(s)	Designator
		250ml-Bottle HDPE-NoPres	A

Client Sample ID: Sink B106D

Lab Sample ID: F4J0861-03

Matrix: Drinking Water

Sampled Date & Time: 10-23-24 13:36

Type:

Analysis	Method	Field Results/Comments	Hold Time
200.8 Pb	EPA 200.8, Rv. 5.4 (1994)		180 days
Turbidity Metals E180.1	EPA 180.1, Rv. 2 (1993)	Turb for DW Metals	2 days
		Container(s)	Designator
		250ml-Bottle HDPE-NoPres	A





# Chain of Custody

Microbac Laboratories, Inc. - Erie

Lab Contact: Carolyn Vollentine



F4J0861

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Montessori Regional Charter School

Project Name: Lead in Water Samples

Joe Pellegrino  
2549 W 8th ST  
Erie, PA 16505  
Phone: (814) 833-7771  
jpellegrino@mrcserie.org

Project/PO Number: N/A  
Tenatively Scheduled: 10/22/2024  
Route:

Client Sample ID: Incoming Water, Boiler Room Sink

Lab Sample ID: F4J0861-04

Matrix: Drinking Water

Sampled Date & Time: 10-23-24 13:40

Type:

Analysis	Method	Field Results/Comments	Hold Time
200.8 Pb	EPA 200.8, Rv. 5.4 (1994)		180 days
Turbidity Metals E180.1	EPA 180.1, Rv. 2 (1993)	Turb for DW Metals	2 days
		Container(s)	Designator
		250ml-Bottle HDPE-NoPres	A

Client Sample ID: Bottle Fill by E-105

Lab Sample ID: F4J0861-05

Matrix: Drinking Water

Sampled Date & Time: 10-23-24 13:45

Type:

Analysis	Method	Field Results/Comments	Hold Time
200.8 Pb	EPA 200.8, Rv. 5.4 (1994)		180 days
Turbidity Metals E180.1	EPA 180.1, Rv. 2 (1993)	Turb for DW Metals	2 days
		Container(s)	Designator
		250ml-Bottle HDPE-NoPres	A

Client Sample ID: Bottle Fill, 1st Floor by Exit 4

Lab Sample ID: F4J0861-06

Matrix: Drinking Water

Sampled Date & Time: 10-23-24 13:50

Type:

Analysis	Method	Field Results/Comments	Hold Time
200.8 Pb	EPA 200.8, Rv. 5.4 (1994)		180 days
Turbidity Metals E180.1	EPA 180.1, Rv. 2 (1993)	Turb for DW Metals	2 days
		Container(s)	Designator
		250ml-Bottle HDPE-NoPres	A



# Chain of Custody

Microbac Laboratories, Inc. - Erie

Lab Contact: Carolyn Vollentine



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Montessori Regional Charter School

Project Name: Lead in Water Samples

Joe Pellegrino  
2549 W 8th ST  
Erie, PA 16505  
Phone: (814) 833-7771  
jpellegrino@mrcserie.org

Project/PO Number: N/A  
Tenatively Scheduled: 10/22/2024  
Route:

Client Sample ID: Bottle Fill, 2nd Floor by Exit 4

Lab Sample ID: F4J0861-07

Matrix: Drinking Water

Sampled Date & Time: 10-23-24 13:55

Type:

Analysis	Method	Field Results/Comments	Hold Time
200.8 Pb	EPA 200.8, Rv. 5.4 (1994)		180 days
Turbidity Metals E180.1	EPA 180.1, Rv. 2 (1993)	Turb for DW Metals	2 days
		Container(s)	Designator
		250ml-Bottle HDPE-NoPres	A

Client Sample ID: Bottle Fill, 2nd Floor by E-205

Lab Sample ID: F4J0861-08

Matrix: Drinking Water

Sampled Date & Time: 10-23-24 14:00

Type:

Analysis	Method	Field Results/Comments	Hold Time
200.8 Pb	EPA 200.8, Rv. 5.4 (1994)		180 days
Turbidity Metals E180.1	EPA 180.1, Rv. 2 (1993)	Turb for DW Metals	2 days
		Container(s)	Designator
		250ml-Bottle HDPE-NoPres	A

Client Sample ID: Bottle Fill, 3rd Floor by E-305

Lab Sample ID: F4J0861-09

Matrix: Drinking Water

Sampled Date & Time: 10-23-24 14:04

Type:

Analysis	Method	Field Results/Comments	Hold Time
200.8 Pb	EPA 200.8, Rv. 5.4 (1994)		180 days
Turbidity Metals E180.1	EPA 180.1, Rv. 2 (1993)	Turb for DW Metals	2 days
		Container(s)	Designator
		250ml-Bottle HDPE-NoPres	A



# Chain of Custody

Microbac Laboratories, Inc. - Erie

Lab Contact: Carolyn Volentine



F4J0861

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## Montessori Regional Charter School

Joe Pellegrino  
2549 W 8th ST  
Erie, PA 16505  
Phone: (814) 833-7771  
jpellegrino@mrcserie.org

## Project Name: Lead in Water Samples

Project/PO Number: N/A  
Tenatively Scheduled: 10/22/2024  
Route:

Client Sample ID: 3-Bowl Sink, Kitchen

Lab Sample ID: F4J0861-10

Matrix: Drinking Water

Sampled Date & Time: 10-23-24 14:18

Type:

Analysis	Method	Field Results/Comments	Hold Time
200.8 Pb	EPA 200.8, Rv. 5.4 (1994)		180 days
Turbidity Metals E180.1	EPA 180.1, Rv. 2 (1993)	Turb for DW Metals	2 days
		Container(s) 250ml-Bottle HDPE-NoPres	Designator A

Client Sample ID: Bottle Fill, Cafeteria

Lab Sample ID: F4J0861-11

Matrix: Drinking Water

Sampled Date & Time: 10-23-24 14:20

Type:

Analysis	Method	Field Results/Comments	Hold Time
200.8 Pb	EPA 200.8, Rv. 5.4 (1994)		180 days
Turbidity Metals E180.1	EPA 180.1, Rv. 2 (1993)	Turb for DW Metals	2 days
		Container(s) 250ml-Bottle HDPE-NoPres	Designator A

Client Sample ID: Bottle Fill, 3rd Flr by Library - Stagnant sample

Lab Sample ID: F4J0861-12

Matrix: Drinking Water

Sampled Date & Time: 10-23-24 14:08

Type:

Analysis	Method	Field Results/Comments	Hold Time
200.8 Pb	EPA 200.8, Rv. 5.4 (1994)		180 days
Turbidity Metals E180.1	EPA 180.1, Rv. 2 (1993)	Turb for DW Metals	2 days
		Container(s) 250ml-Bottle HDPE-NoPres	Designator A





F4J0861

## Montessori Regional Charter School

Joe Pellegrino  
2549 W 8th ST  
Erie, PA 16505  
Phone: (814) 833-7771  
jpellegrino@mrcserie.org

## Project Name: Lead in Water Samples

Project/PO Number: N/A  
Tenatively Scheduled: 10/22/2024  
Route:

Client Sample ID: Bottle Fill, 3rd Flr by Library - Flushed sample

Lab Sample ID: F4J0861-13

Matrix: Drinking Water

Sampled Date &amp; Time: 10-23-24 14:10

Type:

Analysis	Method	Field Results/Comments	Hold Time
200.8 Pb	EPA 200.8, Rv. 5.4 (1994)		180 days
Turbidity Metals E180.1	EPA 180.1, Rv. 2 (1993)	Turb for DW Metals	2 days
		Container(s) 250ml-Bottle HDPE-NoPres	Designator A
Sampled/Relinquished by: <i>[Signature]</i>	Date/Time: 10-23-24 15:15	Received by: <i>[Signature]</i>	Date/Time: 10/24/24 11:15
Printed Name: Tim McLaughlin		Printed Name: <i>[Signature]</i>	
Relinquished by: <i>[Signature]</i>	Date/Time: 10/24/24 14:20	Received by: <i>[Signature]</i>	Date/Time: 10/24/24 14:30
Printed Name: <i>[Signature]</i>		Printed Name: <i>[Signature]</i>	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Printed Name:		Printed Name:	

As Received at Laboratory: On Ice: ☒ Yes / No Temp: 19.5 °C Thermometer ID: T63

Custody Seal: Yes / No / NA

Total Containers: 13.00

Microbac Laboratories may be unable to perform a portion of the requested testing in which case we will subcontract the analysis to an appropriately accredited laboratory. By signing this document you are acknowledging that you have been informed by Microbac that testing could be subcontracted and agree with this arrangement.

## Notes:

Copy/Relog from F4H0408.

HNO<sub>3</sub> Preserved  
HNO<sub>3</sub>: A403961  
Date: 11/5/24  
Time: 10:24:24  
Initials: *[Signature]*