



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

23B0378

Project Description

Heartland Early Education (Salina)

For:

Aija Putelis

**120 Water**

250 S. Elm St

Zionville, IN 16077

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Sarah Anderson

Customer Relationship Specialist

Monday, February 13, 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. - Chicagoland. 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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CERTIFICATE OF ANALYSIS

23B0378

**120 Water**

Aija Putelis  
250 S. Elm St  
Zionville, IN 16077

**Project Name: Heartland Early Education (Salina)**

Project / PO Number: KS\_LIF\_2021  
Received: 02/06/2023  
Reported: 02/13/2023

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Analytical Testing Parameters

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 379285 - 101a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:00 |
| Lab Sample ID:    | 23B0378-01     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | 2.54   | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1237 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381456 - 102a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:00 |
| Lab Sample ID:    | 23B0378-02     |                  |                 |

| Metals Total by ICPMS     | Result | RL  | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|-----|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |     |       |    |      |               |               |         |
| Lead                      | 95     | 1.0 | ug/L  | 1  |      | 02/09/23 0525 | 02/09/23 1112 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381457 - 103a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:00 |
| Lab Sample ID:    | 23B0378-03     |                  |                 |

| Metals Total by ICPMS     | Result | RL  | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|-----|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |     |       |    |      |               |               |         |
| Lead                      | 8.0    | 1.0 | ug/L  | 1  |      | 02/09/23 0525 | 02/09/23 1117 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381458 - 104a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:00 |
| Lab Sample ID:    | 23B0378-04     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1238 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381459 - 105a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:00 |
| Lab Sample ID:    | 23B0378-05     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1239 | JNH     |



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Client Sample ID: 381460 - 106a  
Sample Matrix: Drinking Water  
Lab Sample ID: 23B0378-06

Collected By: Casy Ziegler  
Collection Date: 02/03/2023 6:15

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1242 | JNH     |

Client Sample ID: 381461 - 107a  
Sample Matrix: Drinking Water  
Lab Sample ID: 23B0378-07

Collected By: Casy Ziegler  
Collection Date: 02/03/2023 6:15

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | 44.7   | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1245 | JNH     |

Client Sample ID: 381462 - 107b  
Sample Matrix: Drinking Water  
Lab Sample ID: 23B0378-08

Collected By: Casy Ziegler  
Collection Date: 02/03/2023 6:15

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | 1.09   | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1246 | JNH     |

Client Sample ID: 381463 - 107c  
Sample Matrix: Drinking Water  
Lab Sample ID: 23B0378-09

Collected By: Casy Ziegler  
Collection Date: 02/03/2023 6:15

| Metals Total by ICPMS     | Result | RL  | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|-----|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |     |       |    |      |               |               |         |
| Lead                      | 72     | 1.0 | ug/L  | 1  |      | 02/09/23 0525 | 02/09/23 1121 | JNH     |

Client Sample ID: 381464 - 107d  
Sample Matrix: Drinking Water  
Lab Sample ID: 23B0378-10

Collected By: Casy Ziegler  
Collection Date: 02/03/2023 6:15

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1248 | JNH     |

Client Sample ID: 381465 - 108a  
Sample Matrix: Drinking Water  
Lab Sample ID: 23B0378-11

Collected By: Casy Ziegler  
Collection Date: 02/03/2023 6:30

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1249 | JNH     |



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|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381466 - 110a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:30 |
| Lab Sample ID:    | 23B0378-12     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | 2.44   | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1250 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381467 - 111a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:30 |
| Lab Sample ID:    | 23B0378-13     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1251 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381468 - 112a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:30 |
| Lab Sample ID:    | 23B0378-14     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1252 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381469 - 808a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:15 |
| Lab Sample ID:    | 23B0378-15     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|----------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |          |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      |          | 02/10/23 1428 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381470 - 810a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:15 |
| Lab Sample ID:    | 23B0378-16     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1254 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381471 - 812a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:15 |
| Lab Sample ID:    | 23B0378-17     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | 1.38   | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1259 | JNH     |



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|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381472 - 904a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:15 |
| Lab Sample ID:    | 23B0378-18     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1300 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381473 - 906a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:15 |
| Lab Sample ID:    | 23B0378-19     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1301 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381474 - 712a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:30 |
| Lab Sample ID:    | 23B0378-20     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|----------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |          |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      |          | 02/10/23 1429 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381475 - 600   | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:30 |
| Lab Sample ID:    | 23B0378-21     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1303 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381476 - 714a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:30 |
| Lab Sample ID:    | 23B0378-22     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|----------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |          |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      |          | 02/10/23 1430 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381477 - 714b  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:30 |
| Lab Sample ID:    | 23B0378-23     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1305 | JNH     |



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|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381478 - 100c  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:15 |
| Lab Sample ID:    | 23B0378-24     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | 52.4   | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1306 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381479 - 804a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:30 |
| Lab Sample ID:    | 23B0378-25     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1307 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381480 - 804b  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:15 |
| Lab Sample ID:    | 23B0378-26     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1312 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381481 - 806a  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:15 |
| Lab Sample ID:    | 23B0378-27     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | 1.30   | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1315 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381482 - 806b  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:15 |
| Lab Sample ID:    | 23B0378-28     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1316 | JNH     |

|                   |                |                  |                 |
|-------------------|----------------|------------------|-----------------|
| Client Sample ID: | 381483 - 107e  | Collected By:    | Casy Ziegler    |
| Sample Matrix:    | Drinking Water | Collection Date: | 02/03/2023 6:15 |
| Lab Sample ID:    | 23B0378-29     |                  |                 |

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|----------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |          |               |         |
| Lead                      | 1.54   | 1.00 | ug/L  | 1  |      |          | 02/10/23 1431 | JNH     |



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Client Sample ID: 381484 - 808b  
Sample Matrix: Drinking Water  
Lab Sample ID: 23B0378-30

Collected By: Casy Ziegler  
Collection Date: 02/03/2023 6:15

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1318 | JNH     |

Client Sample ID: 381485 - 810b  
Sample Matrix: Drinking Water  
Lab Sample ID: 23B0378-31

Collected By: Casy Ziegler  
Collection Date: 02/03/2023 6:15

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1320 | JNH     |

Client Sample ID: 381486 - 812b  
Sample Matrix: Drinking Water  
Lab Sample ID: 23B0378-32

Collected By: Casy Ziegler  
Collection Date: 02/03/2023 6:15

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | 1.45   | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1321 | JNH     |

Client Sample ID: 381487 - 904b  
Sample Matrix: Drinking Water  
Lab Sample ID: 23B0378-33

Collected By: Casy Ziegler  
Collection Date: 02/03/2023

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1322 | JNH     |

Client Sample ID: 381488 - 906b  
Sample Matrix: Drinking Water  
Lab Sample ID: 23B0378-34

Collected By: Casy Ziegler  
Collection Date: 02/03/2023 6:15

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1325 | JNH     |

Client Sample ID: 383786 - 712b  
Sample Matrix: Drinking Water  
Lab Sample ID: 23B0378-35

Collected By: Casy Ziegler  
Collection Date: 02/03/2023 6:30

| Metals Total by ICPMS     | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 200.8, Rv. 5.4 (1994) |        |      |       |    |      |               |               |         |
| Lead                      | <1.00  | 1.00 | ug/L  | 1  |      | 02/08/23 1424 | 02/10/23 1326 | JNH     |





Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

23B0378

Definitions

RL: Reporting Limit  
ug/L: Micrograms per Liter

Cooler Receipt Log

Cooler ID: Default Cooler Temp: °C

Comments

Samples preserved at lab

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?   | No  |
| 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? | No  |
| VOA vials have zero headspace, or not recd.?       | Yes |                                               |     |

Project Requested Certification(s)

Microbac Laboratories, Inc. - Chicagoland  
E-10397

Kansas Dept Health & Env. NELAP

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:

Sarah Anderson  
Customer Relationship Specialist  
Sarah.Anderson@microbac.com  
02/13/2023 14:01

Microbac Laboratories, Inc.

250 West 84th Drive | Merrillville, IN 46410 | 219.769.8378 p | [www.microbac.com](http://www.microbac.com)

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Salina  
Bottle-Filler

Pace Analytical Services, LLC  
528 N. 9th Street  
Salina, KS 67401  
(785)827-1273

April 05, 2023

Rick Milleson  
USD 305  
1835 S. Broadway  
Salina, KS 67401

RE: Project: USD 305 WATER TEST 1 & 2  
Pace Project No.: 60424939

Dear Rick Milleson:

Enclosed are the analytical results for sample(s) received by the laboratory on March 29, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

*Petra M. Craddock*

Petra Craddock  
petra.craddock@pacelabs.com  
(785)827-1273  
PM Lab Management

Enclosures



## REPORT OF LABORATORY ANALYSIS

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528 N. 9th Street  
Salina, KS 67401  
(785)827-1273

## ANALYTICAL RESULTS

Project: USD 305 WATER TEST 1 & 2

Pace Project No.: 60424939

| <b>Sample: USD 305 WT 1</b>           |         | <b>Lab ID: 60424939001</b>                                              | Collected: 03/29/23 06:15 |    | Received: 03/29/23 10:15 | Matrix: Drinking Water |           |      |
|---------------------------------------|---------|-------------------------------------------------------------------------|---------------------------|----|--------------------------|------------------------|-----------|------|
| Parameters                            | Results | Units                                                                   | Report Limit              | DF | Prepared                 | Analyzed               | CAS No.   | Qual |
| <b>200.8 MET ICPMS Drinking Water</b> |         | Analytical Method: EPA 200.8<br>Pace Analytical Services - Ormond Beach |                           |    |                          |                        |           |      |
| Copper                                | 0.0067  | mg/L                                                                    | 0.0010                    | 1  |                          | 04/05/23 11:19         | 7440-50-8 |      |
| Lead                                  | ND      | mg/L                                                                    | 0.0010                    | 1  |                          | 04/05/23 11:19         | 7439-92-1 |      |

| <b>Sample: USD 305 WT 2</b>           |         | <b>Lab ID: 60424939002</b>                                              | Collected: 03/29/23 06:15 |    | Received: 03/29/23 10:15 | Matrix: Drinking Water |           |      |
|---------------------------------------|---------|-------------------------------------------------------------------------|---------------------------|----|--------------------------|------------------------|-----------|------|
| Parameters                            | Results | Units                                                                   | Report Limit              | DF | Prepared                 | Analyzed               | CAS No.   | Qual |
| <b>200.8 MET ICPMS Drinking Water</b> |         | Analytical Method: EPA 200.8<br>Pace Analytical Services - Ormond Beach |                           |    |                          |                        |           |      |
| Copper                                | 0.096   | mg/L                                                                    | 0.0010                    | 1  |                          | 04/05/23 11:20         | 7440-50-8 |      |
| Lead                                  | ND      | mg/L                                                                    | 0.0010                    | 1  |                          | 04/05/23 11:20         | 7439-92-1 |      |

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(785)827-1273

## QUALITY CONTROL DATA

Project: USD 305 WATER TEST 1 &2  
Pace Project No.: 60424939

QC Batch: 906521 Analysis Method: EPA 200.8  
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water  
Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 60424939001, 60424939002

METHOD BLANK: 4981627 Matrix: Water

Associated Lab Samples: 60424939001, 60424939002

| Parameter | Units | Blank Result | Reporting Limit | Analyzed       | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Copper    | mg/L  | ND           | 0.0010          | 04/05/23 11:24 |            |
| Lead      | mg/L  | ND           | 0.0010          | 04/05/23 11:24 |            |

LABORATORY CONTROL SAMPLE: 4981628

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Copper    | mg/L  | 0.05        | 0.047      | 95        | 85-115       |            |
| Lead      | mg/L  | 0.05        | 0.048      | 97        | 85-115       |            |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4981623 4981624

| Parameter | Units | 35789325001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Copper    | mg/L  | 0.0027             | 0.05           | 0.05            | 0.052     | 0.052      | 98       | 98        | 70-130       | 0   | 20      |      |
| Lead      | mg/L  | ND                 | 0.05           | 0.05            | 0.049     | 0.050      | 99       | 99        | 70-130       | 1   | 20      |      |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4981625 4981626

| Parameter | Units | 60424939002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Copper    | mg/L  | 0.096              | 0.05           | 0.05            | 0.14      | 0.14       | 92       | 93        | 70-130       | 0   | 20      |      |
| Lead      | mg/L  | ND                 | 0.05           | 0.05            | 0.053     | 0.052      | 105      | 103       | 70-130       | 2   | 20      |      |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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