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Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S1G0497

Town of Chenango

Greg Burden
1529 NY Route 12
Binghamton, NY 13901

Project Name: PFOA/PFOS, 1,4-Dioxane

Project / PO Number: N/A
Received: 10/07/2021
Reported: 10/31/2021

Analytical Testing Parameters

Client Sample ID: EP 110 - Applewood
Sample Matrix: Drinking Water
Lab Sample ID: S1G0497-01
Collected By: Im-Client
Collection Date: 10/07/2021 10:00

Analyses Performed by: Microbac Laboratories Inc., - Marietta, OH

Per and Polyfluoroalkyl Substances (PFAS) by LCMSMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 537.1								
Perfluorooctanoic acid (PFOA)	5.01		1.92	ng/L		10/18/21 0620	10/28/21 0153	JWR
Perfluorooctane sulfonate (PFOS)	2.59		1.92	ng/L		10/18/21 0620	10/28/21 0153	JWR
Surrogate: M8PFOA	91.9	Limit: 70-130		% Rec		10/18/21 0620	10/28/21 0153	JWR
Surrogate: M8PFOS	89.4	Limit: 70-130		% Rec		10/18/21 0620	10/28/21 0153	JWR

Client Sample ID: EP 110 - Applewood Field Blank
Sample Matrix: Drinking Water
Lab Sample ID: S1G0497-02
Collected By: Im-Client
Collection Date: 10/07/2021 10:00

Analyses Performed by: Microbac Laboratories Inc., - Marietta, OH

Per and Polyfluoroalkyl Substances (PFAS) by LCMSMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 537.1								
Perfluorooctanoic acid (PFOA)	<2.00		2.00	ng/L		10/18/21 0620	10/28/21 0159	JWR
Perfluorooctane sulfonate (PFOS)	<2.00		2.00	ng/L		10/18/21 0620	10/28/21 0159	JWR
Surrogate: M8PFOA	74.3	Limit: 70-130		% Rec		10/18/21 0620	10/28/21 0159	JWR
Surrogate: M8PFOS	80.0	Limit: 70-130		% Rec		10/18/21 0620	10/28/21 0159	JWR

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Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S1G0497

Client Sample ID:	EP 110 - Applewood		
Sample Matrix:	Drinking Water	**Collected By:**	lm-Client
Lab Sample ID:	S1G0497-03	**Collection Date:**	10/07/2021 10:00

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Semivolatile Organic Compounds by GCMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 522, Rv. 1 (2008)								
1,4-Dioxane	<0.100		0.100	ug/L		10/14/21 0930	10/17/21 2125	GMP
Surrogate: 1,4-Dioxane-d8	110	Limit: 70-130		% Rec		10/14/21 0930	10/17/21 2125	GMP

*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

ng/L:	Nanograms per Liter
NYVOA:	New York DOH Part 5 Public Water System MCLs
RL:	Reporting Limit
ug/L:	Micrograms per Liter

Project Requested Certification(s)

Microbac Laboratories Inc., - Marietta, OH	
10861	New York State Department of Health
Microbac Laboratories, Inc. - Dayville	
11549	New York State Department of Health

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:

Renee Lantz

Customer Relationship Specialist

Reported: 10/31/2021 18:32

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Chain of Custody

Microbac Laboratories, Inc., Sayre Division

Lab Manager: Renee Lantz

S1G0497

TAT 14 days

Town of Chenango

Greg Burden
1529 NY Route 12
Binghamton, NY 13901
Phone: (607) 760-6240

Project Name: PFOA/PFOS, 1,4-Dioxane

Project/PO Number: N/A
Tenatively Scheduled: 7/20/2021
Route: CRT-Shipped Bottle Orders

Client Sample ID: **Sample Point:** Ep 110 Applewood
Lab Sample ID: **S1G0497-01**
Matrix: **Drinking Water**
Type: **Grab**
Sampled Date & Time: 10/7/21 10am

Analysis	Method	Field Results/Comments	Hold Time
537 Alkyl Acids	EPA 537 Rev. 1.1		14.00 days
		Container(s)	Designator
		250ml-Bottle HDPE-Trizma	A
		250ml-Bottle HDPE-Trizma	B

Client Sample ID: **Sample Point: Field Blank of** Ep 110 Applewood
Lab Sample ID: **S1G0497-02**
Matrix: **Drinking Water**
Type: **Field Blank**
Sampled Date & Time: 10/7/21 10am

Analysis	Method	Field Results/Comments	Hold Time
537 Alkyl Acids	EPA 537 Rev. 1.1		14.00 days
		Container(s)	Designator
		250ml-Bottle HDPE-Trizma	A

Client Sample ID: **Sample Point:** Ep 110 Applewood
Lab Sample ID: **S1G0497-03**
Matrix: **Drinking Water**
Type: **Grab**
Sampled Date & Time: 10/7/21 10AM

Analysis	Method	Field Results/Comments	Hold Time
522 Dioxane	EPA 522, Rv. 1 (2008)		28.00 days
		Container(s)	Designator
		1L-Bottle Glass Amber-Na2SO3, NaHSO4	A

Sampled/Relinquished by: Lewis Mooney	Date/Time: 10/7/21 1348 11am	Received by:
Printed Name: Lake Mooney		Printed Name:
Relinquished by:	Date/Time: 10-7-21 1625	Received by:
Printed Name:		Printed Name:
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

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Chain of Custody

Microbac Laboratories, Inc., Sayre Division

Lab Manager: Renee Lantz

S1G0497

Town of Chenango

Greg Burden
1529 NY Route 12
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Phone: (607) 760-6240

Project Name: PFOA/PFOS, 1,4-Dioxane

Project/PO Number: N/A
Tenatively Scheduled: 7/20/2021
Route: CRT-Shipped Bottle Orders

As Received at Laboratory: On Ice: Yes / No Temp: 0.8 °C Thermometer ID:_____ Total Containers: 4.00

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: