



Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S1G0498

Town of Chenango

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

Greg Burden
1529 NY ROUTE 12
Binghamton, NY 13901

Project / PO Number: N/A
Received: 11/03/2021
Reported: 11/19/2021

Analytical Testing Parameters

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include Applewood EP 110, Drinking Water, S1G0498-01, Client, 11/03/2021 11:15.

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

Table with 9 columns: Per and Polyfluoroalkyl Substances (PFAS) by LCMSMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Includes Method: EPA 537.1 and rows for PFOA, PFOS, and their surrogates.

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include Field Blank of Applewood EP 110, Drinking Water, S1G0498-02, Client, 11/03/2021 11:15.

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

Table with 9 columns: Per and Polyfluoroalkyl Substances (PFAS) by LCMSMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Includes Method: EPA 537.1 and rows for PFOA, PFOS, and their surrogates.



Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S1G0498

<b>Client Sample ID:</b> Applewood EP 110	<b>Collected By:</b> Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/03/2021 11:15
<b>Lab Sample ID:</b> S1G0498-03	

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Semivolatile Organic Compounds by GCMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 522, Rv. 1 (2008)</b>								
1,4-Dioxane	<0.100		0.100	ug/L		11/11/21 0900	11/11/21 1841	ARM
Surrogate: 1,4-Dioxane-d8	86.2	Limit: 70-130		% Rec		11/11/21 0900	11/11/21 1841	ARM

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

- AC:** Analyte did not confirm by ion ratio criteria. Analyte result was set to zero.
- 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:

Sara Lechleitner  
Customer Relationship Coordinator  
Reported: 11/19/2021 15:03



TAT 14 days

Town of Chenango

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

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

Project/PO Number: N/A  
Tenatively Scheduled: 7/21/2021  
Route: CRT-Shipped Bottle Orders

Client Sample ID: Sample Point: Applewood EP 110

Lab Sample ID: S1G0498-01

Matrix: Drinking Water

Sampled Date & Time: 11/3/21 11:15 AM

Type: Grab

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

Client Sample ID: Sample Point: Field Blank of Applewood EP 110

Lab Sample ID: S1G0498-02

Matrix: Drinking Water

Sampled Date & Time: 11/3/21 11:15 AM

Type: Field Blank

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

Client Sample ID: Sample Point: Applewood EP 110

Lab Sample ID: S1G0498-03

Matrix: Drinking Water

Sampled Date & Time: 11/3/21 11:15 AM

Type: Grab

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

Sampled/Relinquished by: <u>[Signature]</u>	Date/Time: <u>11/3/21 12:35 PM</u>	Received by: <u>[Signature]</u>
Printed Name: <u>Laura Mooney</u>		Printed Name:
Relinquished by: <u>[Signature]</u>	Date/Time: <u>11-3-21 06:34</u>	Received by: <u>[Signature]</u>
Printed Name:		Printed Name: <u>[Signature]</u>
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:



Chain of Custody

Microbac Laboratories, Inc., Sayre Division

Lab Manager: Renee Lantz



S1G0498

Town of Chenango

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

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

Project/PO Number: N/A  
Tentatively Scheduled: 7/21/2021  
Route: CRT-Shipped Bottle Orders

As Received at Laboratory: On Ice:  Yes /  No    Temp: 0.6 °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: