



Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S2A0262

Town of Chenango

Greg Burden
1529 NY ROUTE 12
Binghamton, NY 13901

Project Name: Water Quality Parameters (WQP)

Project / PO Number: N/A
Received: 01/26/2022
Reported: 02/07/2022

Project Special Information

PWS ID# 0301653
CC: Broome County DOH

Analytical Testing Parameters

Client Sample ID:	Ep 110	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	01/26/2022 10:00
Lab Sample ID:	S2A0262-01		

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICP	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.7, Rv. 4.4 (1994)								
Calcium Hardness as CaCO ₃ (Calc)	222		0.125	mg/L		01/31/22 1319	02/01/22 1712	DLO
Calcium	89.1		0.0500	mg/L		01/31/22 1319	02/01/22 1712	DLO

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 2320 B-2011								
Alkalinity to pH 4.5	204		20.0	mg CaCO ₃ /L	A35	01/31/22 1414	01/31/22 1533	MAS
Method: SM 2510 B-2011								
Conductivity (at 25°C)	916		2.00	umhos/cm		02/02/22 1330	02/02/22 1350	CNL
Method: SM 4500-P E-1999								
Ortho-phosphate as P	<0.0500		0.0500	mg/L		01/27/22 1310	01/27/22 1312	LB

General Parameters	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 2550 B-2010								
Temperature	16.7			°C	H4,Y	01/27/22 1339	01/27/22 1457	EXB
Method: SM 4500-H+ B-2011								
pH	8.27		0.0100	S.U.	H4,Y	01/27/22 1339	01/27/22 1457	EXB

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.

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Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

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Definitions

°C:	Degrees Celsius
A35:	Sample container was not full at receipt
H4:	The test was performed outside of the EPA recommended holding time of 15 minutes.
mg CaCO ₃ /L	Milligrams Calcium Carbonate per Liter
mg/L:	Milligrams per Liter
NYVOA:	New York DOH Part 5 Public Water System MCLs
RL:	Reporting Limit
S.U.:	Standard Units
umhos/cm:	Umhos per Centimeter
Y:	This analyte is not on the laboratory's current scope of accreditation.

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville
11549

New York State Department of Health

Microbac Laboratories, Inc., Pittston Division
12150

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: 02/07/2022 10:06

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Chain of Custody

Microbac Laboratories, Inc., Sayre Division

Lab Manager: Renee Lantz



S2A0262

TAT 7 days

Town of Chenango

Project Name: Water Quality Parameters (WQP)

Don Benjamin
1529 NY ROUTE 12
Binghamton, NY 13901
Phone: (607) 648-4809

Project/PO Number: N/A
Tenatively Scheduled: 1/5/2022
Route: CRT-Shipped Bottle Orders

Client Sample ID: E2110

Lab Sample ID: S2A0262-01

Matrix: Drinking Water

Type: Grab

Sampled Date & Time: 1/26/22 10am

Analysis	Method	Field Results/Comments	Hold Time
200.7 Hardness Ca CALC PKG	NA		180.00 days
pH	SM 4500-H+ B-2011		15.00 mins
Temperature	SM 2550 B-2010	Auto-Included	15.00 mins
Alkalinity TIT	SM 2320 B-2011		14.00 days
Cond EC SM2510-B	SM 2510 B-2011		28.00 days
PHOS Ortho SM	SM 4500-P E-1999		2.00 days
200.7 Ca	EPA 200.7, Rv. 4.4 (1994)		180.00 days

Container(s)

250ml-Bottle HDPE

1L-Bottle HDPE

250ml-Bottle HDPE-HNO3

Designator

A

B

C

Relinquished by: <u>[Signature]</u>	Date/Time: <u>1/26/22 12pm</u>	Received by: <u>[Signature]</u>	Date/Time: <u>1-26-22</u>
Printed Name: <u>Linka Mooney</u>	<u>1527</u>	Printed Name:	<u>1321</u>
Relinquished by: <u>[Signature]</u>	Date/Time: <u>1-26-22</u>	Received by: <u>[Signature]</u>	Date/Time: <u>1-26-22</u>
Printed Name:	<u>1527</u>	Printed Name:	<u>1527</u>
Relinquished by:	Date/Time:	Received by:	Date/Time:
Printed Name:		Printed Name:	

As Received at Laboratory: On Ice: Yes / No Temp: 1.0 °C Thermometer ID: D44 Total Containers: 3.00

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: