



*Alliance Technical Group - Akron  
3310 Win St.  
Cuyahoga Falls, Ohio 44223  
TEL: (330) 253-8211 FAX: (330) 253-4489  
Website: <http://www.settek.com>*

July 24, 2025

Yazmeen Gomez  
Chemtech  
284 Sheffield Street  
Mountainside, NJ 07092  
TEL:  
FAX:  
RE: Q2574

Order No.: 25070792

Dear Yazmeen Gomez:

Alliance Technical Group - Akron received 1 sample(s) on 7/8/2025 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

A handwritten signature in black ink that reads "Jennifer Woolf". The signature is written in a cursive, flowing style.

Jennifer Woolf

Project Manager

3310 Win St.  
Cuyahoga Falls, Ohio 44223

Arkansas 88-0735, California 2943, Colorado, Connecticut PH-0828, Florida NELAC E87688, Idaho OH00923, Illinois 200061, Indiana C-OH-13, ISO/IEC 17025:2017 119125 L22-544, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Maryland 339, Michigan 9988, Minnesota 1780279, Nevada OH009232020-1, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, North Dakota R-201, Ohio DW, Ohio VAP CL0052, Oklahoma 2019-155, Oregon OH200001, Pennsylvania 68-01335, Rhode Island LA000317, South Carolina 92016001, Texas T104704466-19-16, Utah OH009232020-12, Virginia VELAP 10381, West Virginia 9957C



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## Case Narrative

WO#: 25070792  
Date: 7/24/2025

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**CLIENT:** Chemtech

**Project:** Q2574

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### WorkOrder Narrative:

25070792: This report in its entirety consists of the following documents: Cover Letter, Case Narrative, Analytical Results, QC Summary Report, Applicable Accreditation Information, Chain-of-Custody, Cooler Receipt Form, and other applicable forms as necessary. All documents contain the Alliance Technical Group Work Order Number assigned to this report.

Alliance Technical Group holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report. Please refer to the "Accreditation Program Analytes Report" for accredited analytes list.

The information contained in this analytical report is the sole property of Alliance Technical Group and that of the customer. It cannot be reproduced in any form without the consent of Alliance Technical Group or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Alliance Technical Group is not responsible for use or interpretation of the data included herein.

All results for solid samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

This report is believed to meet all of the requirements of the accrediting agency, where applicable. Any comments or problems with the analytical events associated with this report are noted below.

### Analytical Sequence Sample Notes:

25070792-001A TOX\_NPW(9020): Analyst diluted sample due to sample matrix interference

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Original

These commonly used Qualifiers and Acronyms may or may not be present in this report.

### Qualifiers

<b>U</b>	The compound was analyzed for but was not detected above the MDL.
<b>J</b>	The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
<b>H</b>	The hold time for sample preparation and/or analysis was exceeded. Not Clean Water Act compliant.
<b>D</b>	The result is reported from a dilution.
<b>E</b>	The result exceeded the linear range of the calibration or is estimated due to interference.
<b>MC</b>	The result is below the Minimum Compound Limit.
<b>*</b>	The result exceeds the Regulatory Limit or Maximum Contamination Limit.
<b>m</b>	Manual integration was used to determine the area response.
<b>d</b>	Manual integration in which peak was deleted
<b>N</b>	The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.
<b>P</b>	The second column confirmation exceeded 25% difference.
<b>C</b>	The result has been confirmed by GC/MS.
<b>X</b>	The result was not confirmed when GC/MS Analysis was performed.
<b>B</b>	The analyte was detected in the Method Blank at a concentration greater than the RL.
<b>MB+</b>	The analyte was detected in the Method Blank at a concentration greater than the MDL.
<b>G</b>	The ICB or CCB contained reportable amounts of analyte.
<b>QC-/+</b>	The CCV recovery failed low (-) or high (+).
<b>R/QDR</b>	The RPD was outside of accepted recovery limits.
<b>QL-/+</b>	The LCS or LCSD recovery failed low (-) or high (+).
<b>QLR</b>	The LCS/LCSD RPD was outside of accepted recovery limits.
<b>QM-/+</b>	The MS or MSD recovery failed low (-) or high (+).
<b>QMR</b>	The MS/MSD RPD was outside of accepted recovery limits.
<b>QV-/+</b>	The ICV recovery failed low (-) or high (+).
<b>S</b>	The spike result was outside of accepted recovery limits.
<b>W</b>	Samples were received outside temperature limits (0° – 6° C). Not Clean Water Act compliant.
<b>Z</b>	Deviation; A deviation from the method was performed; Please refer to the Case Narrative for additional information

### Acronyms

<b>ND</b>	Not Detected	<b>RL</b>	Reporting Limit
<b>QC</b>	Quality Control	<b>MDL</b>	Method Detection Limit
<b>MB</b>	Method Blank	<b>LOD</b>	Level of Detection
<b>LCS</b>	Laboratory Control Sample	<b>LOQ</b>	Level of Quantitation
<b>LCSD</b>	Laboratory Control Sample Duplicate	<b>PQL</b>	Practical Quantitation Limit
<b>QCS</b>	Quality Control Sample	<b>CRQL</b>	Contract Required Quantitation Limit
<b>DUP</b>	Duplicate	<b>PL</b>	Permit Limit
<b>MS</b>	Matrix Spike	<b>RegLvl</b>	Regulatory Limit
<b>MSD</b>	Matrix Spike Duplicate	<b>MCL</b>	Maximum Contamination Limit
<b>RPD</b>	Relative Percent Different	<b>MinCL</b>	Minimum Compound Limit
<b>ICV</b>	Initial Calibration Verification	<b>RA</b>	Reanalysis
<b>ICB</b>	Initial Calibration Blank	<b>RE</b>	Reextraction
<b>CCV</b>	Continuing Calibration Verification	<b>TIC</b>	Tentatively Identified Compound
<b>CCB</b>	Continuing Calibration Blank	<b>RT</b>	Retention Time
<b>RLC</b>	Reporting Limit Check	<b>CF</b>	Calibration Factor

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.



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**Workorder**  
**Sample Summary**  
WO#: **25070792**  
**24-Jul-25**

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**CLIENT:** Chemtech  
**Project:** Q2574

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Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
25070792-001	MAGNUS-PRECISION		7/1/2025 7:04:00 AM	7/8/2025 10:25:00 AM	Non-Potable Water

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## DATES REPORT

WO#: 25070792  
24-Jul-25

**Client:** Chemtech  
**Project:** Q2574

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
25070792-001A	MAGNUS-PRECISION	7/1/2025 7:04:00 AM	Non-Potable Water	Total Organic Halides (TOX) (9020)			7/23/2025 8:00:00 AM

Original



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WO#: 25070792  
Date Reported: 7/24/2025  
Company: Chemtech  
Address: 284 Sheffield Street  
Mountainside NJ 07092  
Received: 7/8/2025  
Project#: Q2574

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Qual	Matrix	Method	DF	MDL	PQL	Run	Analyst
MAGNUS-PRECISION	001	7/1/2025	Total Organic Halides	0.840	mg/L	J	Non-Potable Water	EPA 9020	50	0.440	5.00	7/23/2025	KMS



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## Accreditation Program Analytes Report

WO#: 25070792  
24-Jul-25

**Client:** Chemtech

**Project:** Q2574

**State:** NY

**Program Name:** NY\_DW\_WW\_SC  
M\_NELAP

Test Name	Matrix	Analyte	Status
Total Organic Halides (TOX) (9020)	Non-Potable Water	Total Organic Halides	A

Accreditation (Acc.) Status Key	
A: Accredited	N: Not Accredited
P: Provisional	U: Unavailable



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## QC SUMMARY REPORT

WO#: 25070792

24-Jul-25

Client: Chemtech

Project: Q2574

BatchID: R213024

Sample ID: <b>MB-R213024</b>	SampType: <b>MBLK</b>	TestCode: <b>TOX_NPW(90</b> Units: <b>mg/L</b>				Prep Date:				RunNo: <b>213024</b>		
Client ID: <b>BatchQC</b>	Batch ID: <b>R213024</b>	TestNo: <b>SW9020</b>				Analysis Date: <b>7/23/2025</b>				SeqNo: <b>5690931</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Organic Halides	ND	0.100									U	

Sample ID: <b>LCS-R213024</b>	SampType: <b>LCS</b>	TestCode: <b>TOX_NPW(90</b> Units: <b>mg/L</b>				Prep Date:			RunNo: <b>213024</b>		
Client ID: <b>BatchQC</b>	Batch ID: <b>R213024</b>	TestNo: <b>SW9020</b>				Analysis Date: <b>7/23/2025</b>			SeqNo: <b>5690932</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Halides	0.215	0.100	0.2000	0	108	80	120				

Sample ID: <b>25070738-001AMS</b>	SampType: <b>MS</b>	TestCode: <b>TOX_NPW(90</b> Units: <b>mg/L</b>				Prep Date:			RunNo: <b>213024</b>		
Client ID: <b>BatchQC</b>	Batch ID: <b>R213024</b>	TestNo: <b>SW9020</b>				Analysis Date: <b>7/23/2025</b>			SeqNo: <b>5690934</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Halides	9.04	1.00	10.00	0.1900	88.5	80	120				

Sample ID: <b>25070738-001AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>TOX_NPW(90</b> Units: <b>mg/L</b>				Prep Date:			RunNo: <b>213024</b>		
Client ID: <b>BatchQC</b>	Batch ID: <b>R213024</b>	TestNo: <b>SW9020</b>				Analysis Date: <b>7/23/2025</b>			SeqNo: <b>5690935</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Halides	10.3	1.00	10.00	0.1900	101	80	120	9.044	13.3	20	

**Qualifiers:** H Holding times for preparation or analysis exceeded  
ND Not Detected  
U Samples with CalcVal < MDL

J Analyte detected below quantitation limits  
PL Permit Limit  
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response  
RL Reporting Detection Limit





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## QC SUMMARY REPORT

WO#: 25070792

24-Jul-25

Client: Chemtech

Project: Q2574

BatchID: R213024

Sample ID: 25070738-001AMSD		SampType: MSD		TestCode: TOX_NPW(90 Units: mg/L			Prep Date:			RunNo: 213024			
Client ID: BatchQC		Batch ID: R213024		TestNo: SW9020			Analysis Date: 7/23/2025			SeqNo: 5690935			
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: MB-R213024	SampType: MBLK	TestCode: TOX_NPW(90 Units: mg/L				Prep Date:				RunNo: 213024		
Client ID: BatchQC	Batch ID: R213024	TestNo: SW9020				Analysis Date: 7/23/2025				SeqNo: 5690959		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Organic Halides	ND	0.100									U	

Sample ID: <b>MB-R213024</b>	SampType: <b>MBLK</b>	TestCode: <b>TOX_NPW(90</b> Units: <b>mg/L</b>				Prep Date:				RunNo: <b>213024</b>		
Client ID: <b>BatchQC</b>	Batch ID: <b>R213024</b>	TestNo: <b>SW9020</b>				Analysis Date: <b>7/23/2025</b>				SeqNo: <b>5691050</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Organic Halides	ND	0.100									U	

Sample ID: 25070888-001AMS	SampType: MS	TestCode: TOX_NPW(90 Units: mg/L				Prep Date:				RunNo: 213024		
Client ID: BatchQC	Batch ID: R213024	TestNo: SW9020				Analysis Date: 7/23/2025				SeqNo: 5691056		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Organic Halides	9.60	1.00	10.00	0.3840	92.1	80	120					

**Qualifiers:**  
H Holding times for preparation or analysis exceeded  
ND Not Detected  
U Samples with CalcVal < MDL

J Analyte detected below quantitation limits  
PL Permit Limit  
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response  
RL Reporting Detection Limit



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## QC SUMMARY REPORT

WO#: 25070792

24-Jul-25

Client: Chemtech

Project: Q2574

BatchID: R213024

Sample ID: <b>25070888-001AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>TOX_NPW(90)</b> Units: <b>mg/L</b>				Prep Date:			RunNo: <b>213024</b>		
Client ID: <b>BatchQC</b>	Batch ID: <b>R213024</b>	TestNo: <b>SW9020</b>				Analysis Date: <b>7/23/2025</b>			SeqNo: <b>5691057</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Halides	10.7	1.00	10.00	0.3840	104	80	120	9.596	11.3	20	

Sample ID: <b>MB-R213024</b>	SampType: <b>MBLK</b>	TestCode: <b>TOX_NPW(90)</b> Units: <b>mg/L</b>				Prep Date:				RunNo: <b>213024</b>		
Client ID: <b>BatchQC</b>	Batch ID: <b>R213024</b>	TestNo: <b>SW9020</b>				Analysis Date: <b>7/23/2025</b>				SeqNo: <b>5691088</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Organic Halides	ND	0.100									U	

Sample ID: <b>MB-R213024</b>	SampType: <b>MBLK</b>	TestCode: <b>TOX_NPW(90)</b> Units: <b>mg/L</b>				Prep Date:				RunNo: <b>213024</b>		
Client ID: <b>BatchQC</b>	Batch ID: <b>R213024</b>	TestNo: <b>SW9020</b>				Analysis Date: <b>7/23/2025</b>				SeqNo: <b>5691091</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Organic Halides	ND	0.100									U	

**Qualifiers:** H Holding times for preparation or analysis exceeded  
ND Not Detected  
U Samples with CalcVal < MDL

J Analyte detected below quantitation limits  
PL Permit Limit  
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response  
RL Reporting Detection Limit

Original

RELINQUISHED BY: 1.	DATETIME: 7/8/25, 1025	RECEIVED BY: 1. <i>[Signature]</i>	Conditions of bottles or Coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant	Cooler Temp _____ Ice or Cooler? _____
RELINQUISHED BY: 2.	DATETIME:	RECEIVED BY: 2.	2.0-0.1 = 1.9°C; UPS Cooler, ice	
RELINQUISHED BY: 3.	DATETIME:	RECEIVED BY: 3.	Page 11 of 13 Page 1 of 1 <input type="checkbox"/> OVERNIGHT <input type="checkbox"/> OVERNIGHT	Shipment Complete: <input type="checkbox"/> YES <input type="checkbox"/> NO



**REPORT TO:**

**INVOICE TO:**

## PROJECT REFERENCE

**REQUESTED ANALYSIS**

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

2.0-0.1-19ci UPS, cooler, ice  
adigm Terms and Conditions (reverse).



## Sample Log-In Check List

Client Name: **CHE-NJ-07972**

Work Order Number: **25070792**

RcptNo: **1**

Logged by: **Spencer M. Hartwell** 7/8/2025 10:25:00 AM

*Spencer M. Hartwell*

Completed By: **Spencer M. Hartwell** 7/11/2025 10:37:52 AM

*Spencer M. Hartwell*

Reviewed By: **Jennifer Woolf** 7/11/2025 2:19:37 PM

*Jennifer M. Woolf*

### Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐  
2. How was the sample delivered? UPS  
Tracking No.: 882643894934

### Log In

3. Coolers are present? Yes ☒ No ☐ NA ☐  
4. Shipping container/cooler in good condition? Yes ☒ No ☐  
Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒ NA ☐  
No. Seal Date: Signed By:  
5. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐  
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ NA ☐  
7. Sample(s) in proper container(s)? Yes ☒ No ☐  
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐  
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐  
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐  
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☒  
12. Were any sample containers received broken? Yes ☐ No ☒  
13. Does paperwork match bottle labels? Yes ☒ No ☐  
(Note discrepancies on chain of custody)  
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐  
15. Is it clear what analyses were requested? Yes ☒ No ☐  
16. Were all holding times able to be met? Yes ☒ No ☐  
(If no, notify customer for authorization.)

### Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:

Date:

By Whom:

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

18. Additional remarks:

### Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.9	Good	Not Present			