

Cover Page

Order ID : Q3061

Project ID : NYSOMH Emergency Service

Client : CHA Companies, Inc.

Lab Sample Number

Q3061-01
Q3061-02
Q3061-03
Q3061-04
Q3061-05
Q3061-06
Q3061-07

Client Sample Number

B2-W16-RM4080-SINK
B2-W16-RM4056-SINK
B2-W16-RM4057-RHSINK
B2-W16-LHDrinking Fountain
B2-W16-RM4065-Eyewash
B2-W16-RM4088-SINK
B2-W16-RM4075-SINK

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 9/11/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

CHA Companies, Inc.

Project Name: NYSOMH Emergency Service

Project # N/A

Order ID # Q3061

Test Name: Residual Chlorine, Turbidity

A. Number of Samples and Date of Receipt:

7 Water samples were received on 09/09/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Residual Chlorine, Turbidity. This data package contains results for Residual Chlorine, Turbidity.

C. Analytical Techniques:

The analysis of Turbidity was based on method SM2130 B and The analysis of Residual Chlorine was based on method SM4500 Cl G.

D. QA/ QC Samples:

The Holding Times were met for all samples except for B2-W16-LHD Drinking Fountain of Residual Chlorine, for B2-W16-RM4056-SINK of Residual Chlorine, for B2-W16-RM4057-RHSINK of Residual Chlorine, for B2-W16-RM4065-Eyewash of Residual Chlorine, for B2-W16-RM4075-SINK of Residual Chlorine, for B2-W16-RM4080-SINK of Residual Chlorine and for B2-W16-RM4088-SINK of Residual Chlorine as samples were received out of holding time.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike analysis met criteria for all compounds.

The Matrix Spike Duplicate analysis met criteria for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3061

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 09/11/2025

LAB CHRONICLE

OrderID:	Q3061	OrderDate:	9/9/2025 3:36:00 PM
Client:	CHA Companies, Inc.	Project:	NYSOMH Emergency Service
Contact:	Carrie Robinson	Location:	J12

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3061-01	B2-W16-RM4080-SIN K	Water			09/09/25 08:53			09/09/25
			Residual Chlorine	SM4500 CI G				
			Turbidity	SM2130 B				
Q3061-02	B2-W16-RM4056-SIN K	Water			09/09/25 09:07			09/09/25
			Residual Chlorine	SM4500 CI G				
			Turbidity	SM2130 B				
Q3061-03	B2-W16-RM4057-RHS INK	Water			09/09/25 09:12			09/09/25
			Residual Chlorine	SM4500 CI G				
			Turbidity	SM2130 B				
Q3061-04	B2-W16-LHDrinking Fountain	Water			09/09/25 09:15			09/09/25
			Residual Chlorine	SM4500 CI G				
			Turbidity	SM2130 B				
Q3061-05	B2-W16-RM4065-Eye wash	Water			09/09/25 09:22			09/09/25
			Residual Chlorine	SM4500 CI G				

LAB CHRONICLE

Q3061-06	B2-W16-RM4088-SIN K	Water	Turbidity	SM2130 B		09/10/25 13:20	09/09/25 08:56	09/09/25
			Residual Chlorine	SM4500 Cl G		09/10/25 11:58		
			Turbidity	SM2130 B		09/10/25 13:24		
Q3061-07	B2-W16-RM4075-SIN K	Water					09/09/25 09:02	09/09/25
			Residual Chlorine	SM4500 Cl G		09/10/25 12:01		
			Turbidity	SM2130 B		09/10/25 13:36		



SAMPLE DATA

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/09/25 08:53
Project:	NYSOMH Emergency Service	Date Received:	09/09/25
Client Sample ID:	B2-W16-RM4080-SINK	SDG No.:	Q3061
Lab Sample ID:	Q3061-01	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.093	HJ	1	0.023	0.10	mg/L		09/10/25 11:27	SM 4500-Cl G-11
Turbidity	0.38	J	1	0.15	1.00	NTU		09/10/25 13:00	SM 2130 B-20

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/09/25 09:07
Project:	NYSOMH Emergency Service	Date Received:	09/09/25
Client Sample ID:	B2-W16-RM4056-SINK	SDG No.:	Q3061
Lab Sample ID:	Q3061-02	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.052	HJ	1	0.023	0.10	mg/L		09/10/25 11:40	SM 4500-Cl G-11
Turbidity	0.56	J	1	0.15	1.00	NTU		09/10/25 13:07	SM 2130 B-20

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/09/25 09:12
Project:	NYSOMH Emergency Service	Date Received:	09/09/25
Client Sample ID:	B2-W16-RM4057-RHSINK	SDG No.:	Q3061
Lab Sample ID:	Q3061-03	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.032	HJ	1	0.023	0.10	mg/L		09/10/25 11:43	SM 4500-Cl G-11
Turbidity	0.31	J	1	0.15	1.00	NTU		09/10/25 13:10	SM 2130 B-20

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/09/25 09:15
Project:	NYSOMH Emergency Service	Date Received:	09/09/25
Client Sample ID:	B2-W16-LHDrinking Fountain	SDG No.:	Q3061
Lab Sample ID:	Q3061-04	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.073	HJ	1	0.023	0.10	mg/L		09/10/25 11:52	SM 4500-Cl G-11
Turbidity	1.76		1	0.15	1.00	NTU		09/10/25 13:14	SM 2130 B-20

Comments: _____

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/09/25 09:22
Project:	NYSOMH Emergency Service	Date Received:	09/09/25
Client Sample ID:	B2-W16-RM4065-Eyewash	SDG No.:	Q3061
Lab Sample ID:	Q3061-05	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.023	HU	1	0.023	0.10	mg/L		09/10/25 11:55	SM 4500-Cl G-11
Turbidity	0.40	J	1	0.15	1.00	NTU		09/10/25 13:20	SM 2130 B-20

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/09/25 08:56
Project:	NYSOMH Emergency Service	Date Received:	09/09/25
Client Sample ID:	B2-W16-RM4088-SINK	SDG No.:	Q3061
Lab Sample ID:	Q3061-06	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.042	HJ	1	0.023	0.10	mg/L		09/10/25 11:58	SM 4500-Cl G-11
Turbidity	2.01		1	0.15	1.00	NTU		09/10/25 13:24	SM 2130 B-20

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/09/25 09:02
Project:	NYSOMH Emergency Service	Date Received:	09/09/25
Client Sample ID:	B2-W16-RM4075-SINK	SDG No.:	Q3061
Lab Sample ID:	Q3061-07	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.032	HJ	1	0.023	0.10	mg/L		09/10/25 12:01	SM 4500-Cl G-11
Turbidity	0.35	J	1	0.15	1.00	NTU		09/10/25 13:36	SM 2130 B-20

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits



QC RESULT SUMMARY



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Initial and Continuing Calibration Verification

Client: CHA Companies, Inc.

SDG No.: Q3061

Project: NYSOMH Emergency Service

RunNo.: LB137137

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Residual Chlorine	mg/L	0.429	0.4	107	90-110	09/10/2025
Sample ID: CCV1 Residual Chlorine	mg/L	0.398	0.4	100	90-110	09/10/2025
Sample ID: CCV2 Residual Chlorine	mg/L	0.398	0.4	100	90-110	09/10/2025
Sample ID: CCV3 Residual Chlorine	mg/L	0.408	0.4	102	90-110	09/10/2025

Initial and Continuing Calibration Verification

Client: CHA Companies, Inc.

SDG No.: Q3061

Project: NYSOMH Emergency Service

RunNo.: LB137138

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Turbidity	ICV	NTU	10.564	10	106	90-110	09/10/2025
Sample ID: Turbidity	CCV1	NTU	10.189	10	102	90-110	09/10/2025
Sample ID: Turbidity	CCV2	NTU	10.564	10	106	90-110	09/10/2025
Sample ID: Turbidity	CCV3	NTU	10.877	10	109	90-110	09/10/2025

Initial and Continuing Calibration Blank Summary

Client: CHA Companies, Inc.

SDG No.: Q3061

Project: NYSOMH Emergency Service

RunNo.: LB137137

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	09/10/2025
Sample ID: CCB1 Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	09/10/2025
Sample ID: CCB2 Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	09/10/2025
Sample ID: CCB3 Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	09/10/2025

Initial and Continuing Calibration Blank Summary

Client: CHA Companies, Inc.

SDG No.: Q3061

Project: NYSOMH Emergency Service

RunNo.: LB137138

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Turbidity	NTU	< 0.5000	0.5000	U	0.15	1.0	09/10/2025
Sample ID: CCB1 Turbidity	NTU	< 0.5000	0.5000	U	0.15	1	09/10/2025
Sample ID: CCB2 Turbidity	NTU	< 0.5000	0.5000	U	0.15	1	09/10/2025
Sample ID: CCB3 Turbidity	NTU	< 0.5000	0.5000	U	0.15	1	09/10/2025

Preparation Blank Summary

Client: CHA Companies, Inc.

SDG No.: Q3061

Project: NYSOMH Emergency Service

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137137BL							
Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	09/10/2025
Sample ID: LB137138BL							
Turbidity	NTU	< 0.5000	0.5000	U	0.15	1.0	09/10/2025

Matrix Spike Summary

Client:	CHA Companies, Inc.	SDG No.:	Q3061
Project:	NYSOMH Emergency Service	Sample ID:	Q3061-01
Client ID:	B2-W16-RM4080-SINKMS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Residual Chlorine	mg/L	71-148	0.44		0.093	J	0.4	1	86		09/10/2025

Matrix Spike Summary

Client:	CHA Companies, Inc.	SDG No.:	Q3061
Project:	NYSOMH Emergency Service	Sample ID:	Q3061-01
Client ID:	B2-W16-RM4080-SINKMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Residual Chlorine	mg/L	71-148	0.43		0.093	J	0.4	1	84		09/10/2025

Duplicate Sample Summary

Client: CHA Companies, Inc.	SDG No.: Q3061
Project: NYSOMH Emergency Service	Sample ID: Q3061-01
Client ID: B2-W16-RM4080-SINKDUP	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Residual Chlorine	mg/L	+/-20	0.093	J	0.093	J	1	0		09/10/2025
Turbidity	NTU	+/-20	0.38	J	0.38	J	1	1.31		09/10/2025

Duplicate Sample Summary

Client: CHA Companies, Inc.	SDG No.: Q3061
Project: NYSOMH Emergency Service	Sample ID: Q3061-01
Client ID: B2-W16-RM4080-SINKMSD	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Residual Chlorine	mg/L	+/-20	0.44		0.43		1	2.3		09/10/2025

Laboratory Control Sample Summary

Client: CHA Companies, Inc.

SDG No.: Q3061

Project: NYSOMH Emergency Service

Run No.: LB137137

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137137BS							
Residual Chlorine	mg/L	0.4	0.42		105	1	90-110	09/10/2025



RAW DATA

Analytical Summary Report

Analysis Method: SM4500 Cl G

ANALYST: Iwona

Parameter: Residual Chlorine

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137137

Reagent/Standard	Lot/Log #
Residual chlorine LOD, 0.05PPM	WP114710
Residual chlorine ICV-LCS, 0.4PPM	WP114709
Chlorine Calibration std, 0.1ppm	WP114704
Chlorine Calibration std, 0.2ppm	WP114705
Chlorine Calibration std, 0.8ppm	WP114707
Chlorine Calibration std, 0.0ppm	WP114703
Chlorine Calibration std, 1.6ppm	WP114708
Residual Chlorine Calibration and CCV std, 0	WP114706
Total Chlorine Powder Pillows	W3147

Intercept: -0.0114

Slope: 0.9834

Regression: 0.999856

Seq	Lab ID	True Val (mg/l)	DF	Initial Reading	Final Reading	Difference	Result (mg/l)	%D	AnalDate	Anal Time
1	CAL1	0	1	0.000	0.000	0.000	0.01		09/10/2025	10:45
2	CAL2	0.1	1	0.000	0.080	0.080	0.09	-7	09/10/2025	10:48
3	CAL3	0.2	1	0.000	0.190	0.190	0.21	2.5	09/10/2025	10:51
4	CAL4	0.4	1	0.000	0.380	0.380	0.40	-0.5	09/10/2025	10:53
5	CAL5	0.8	1	0.000	0.760	0.760	0.78	-2	09/10/2025	10:56
6	CAL6	1.6	1	0.000	1.570	1.570	1.61	0.5	09/10/2025	11:00

Analytical Summary Report

Analysis Method: SM4500 Cl G

ANALYST: Iwona

Parameter: Residual Chlorine

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137137

Seq	Lab ID	Initial Weight	Final Vol	True Value (mg/L)	DF	Initial Reading	Final Reading	Diff.	Result (mg/L)	Anal Date	Anal Time
1	ICV			0.4	1	0.0000	0.4100	0.4100	0.4290	09/10/2025	11:03
2	ICB				1	0.0000	0.0100	0.0100	0.0220	09/10/2025	11:06
3	CCV1			0.4	1	0.0000	0.3800	0.3800	0.3980	09/10/2025	11:09
4	CCB1				1	0.0000	0.0000	0.0000	0.0120	09/10/2025	11:12
5	LB137137BL	50	50		1	0.0000	0.0000	0.0000	0.0120	09/10/2025	11:15
6	LB137137BS	50	50	0.4	1	0.0000	0.4000	0.4000	0.4180	09/10/2025	11:18
7	Q2893-09	50	50		1	0.0000	0.0300	0.0300	0.0420	09/10/2025	11:21
8	Q3019-19	50	50		1	0.0000	0.6500	0.6500	0.6730	09/10/2025	11:24
9	Q3061-01	50	50		1	0.0000	0.0800	0.0800	0.0930	09/10/2025	11:27
10	Q3061-01DUP	50	50		1	0.0000	0.0800	0.0800	0.0930	09/10/2025	11:30
11	Q3061-01MS	50	50	0.4	1	0.0000	0.4200	0.4200	0.4390	09/10/2025	11:33
12	Q3061-01MSD	50	50	0.4	1	0.0000	0.4100	0.4100	0.4290	09/10/2025	11:36
13	Q3061-02	50	50		1	0.0000	0.0400	0.0400	0.0520	09/10/2025	11:40
14	Q3061-03	50	50		1	0.0000	0.0200	0.0200	0.0320	09/10/2025	11:43
15	CCV2			0.4	1	0.0000	0.3800	0.3800	0.3980	09/10/2025	11:46
16	CCB2				1	0.0000	0.0100	0.0100	0.0220	09/10/2025	11:49
17	Q3061-04	50	50		1	0.0000	0.0600	0.0600	0.0730	09/10/2025	11:52
18	Q3061-05	50	50		1	0.0000	0.0100	0.0100	0.0220	09/10/2025	11:55
19	Q3061-06	50	50		1	0.0000	0.0300	0.0300	0.0420	09/10/2025	11:58
20	Q3061-07	50	50		1	0.0000	0.0200	0.0200	0.0320	09/10/2025	12:01
21	CCV3			0.4	1	0.0000	0.3900	0.3900	0.4080	09/10/2025	12:04
22	CCB3				1	0.0000	0.0000	0.0000	0.0120	09/10/2025	12:07

WORKLIST(Hardcopy Internal Chain)

LB 137137

WorkList Name : RESCHLORINE-091025

WorkList ID : 191782

Department : Wet-Chemistry

Date : 09-10-2025 10:22:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3019-19	WP0925-PT-CL-WP	Water	Residual Chlorine	Cool 4 deg C	ALLI03	QA Of	09/02/2025	SM4500 Cl G
Q3061-01	B2-W16-RM4080-SINK	Water	Residual Chlorine	Cool 4 deg C	CLOU03	J12	09/09/2025	SM4500 Cl G
Q3061-02	B2-W16-RM4056-SINK	Water	Residual Chlorine	Cool 4 deg C	CLOU03	J12	09/09/2025	SM4500 Cl G
Q3061-03	B2-W16-RM4057-RHSINK	Water	Residual Chlorine	Cool 4 deg C	CLOU03	J12	09/09/2025	SM4500 Cl G
Q3061-04	B2-W16-LHDinking Fountain	Water	Residual Chlorine	Cool 4 deg C	CLOU03	J12	09/09/2025	SM4500 Cl G
Q3061-05	B2-W16-RM4065-Eyewash	Water	Residual Chlorine	Cool 4 deg C	CLOU03	J12	09/09/2025	SM4500 Cl G
Q3061-06	B2-W16-RM4088-SINK	Water	Residual Chlorine	Cool 4 deg C	CLOU03	J12	09/09/2025	SM4500 Cl G
Q3061-07	B2-W16-RM4075-SINK	Water	Residual Chlorine	Cool 4 deg C	CLOU03	J12	09/09/2025	SM4500 Cl G

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

09/10/25 10:25
12/50
28/600

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

09/10/25 14:35
28/600
12/50

Analytical Summary Report

Analysis Method: SM2130 B

ANALYST: Iwona

Parameter: Turbidity

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137138

Reagent/Standard	Lot/Log #
TURBIDITY LOD STD, 0.5NTU	WP114720
Turbidity Calibration std, 0NTU	WP114714
Turbidity Calibration std, 20NTU	WP114716
Turbidity Calibration std, 40NTU	WP114715
Turbidity Calibration std, 1NTU	WP114719
Turbidity Calibration std, 5NTU	WP114718
Turbidity LOQ std, 1.0NTU	WP114721
Turbidity Calibration - CCV std, 10 NTU	WP114717
10 NTU Standard 500 ml	W3116

Intercept: 0.1639

Slope: 0.9595

Regression: 0.9999

Seq	Lab ID	True Value (NTU)	Dilution	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	0.139	-0.03		09/10/2025	12:15
2	CAL2	1	1	1.050	0.92	-7.6	09/10/2025	12:18
3	CAL3	5	1	4.960	5.00	-0	09/10/2025	12:22
4	CAL4	10	1	9.660	9.90	-1	09/10/2025	12:26
5	CAL5	20	1	19.700	20.36	1.8	09/10/2025	12:30
6	CAL6	40	1	38.400	39.85	-0.4	09/10/2025	12:34

Analytical Summary Report

Analysis Method: SM2130 B

ANALYST: Iwona

Parameter: Turbidity

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137138

Seq	Lab ID	True Value (NTU)	Dilution	Reading	Result (NTU)	AnalDate	Anal Time
1	ICV	10	1	10.300	10.564	09/10/2025	12:37
2	ICB		1	0.144	-0.021	09/10/2025	12:40
3	CCV1	10	1	9.940	10.189	09/10/2025	12:43
4	CCB1		1	0.148	-0.017	09/10/2025	12:46
5	LB137138BL		1	0.147	-0.018	09/10/2025	12:50
6	Q2893-10		1	0.433	0.280	09/10/2025	12:53
7	Q2893-11		1	1.270	1.153	09/10/2025	12:56
8	Q3061-01		1	0.531	0.383	09/10/2025	13:00
9	Q3061-01DUP		1	0.527	0.378	09/10/2025	13:04
10	Q3061-02		1	0.702	0.561	09/10/2025	13:07
11	Q3061-03		1	0.464	0.313	09/10/2025	13:10
12	Q3061-04		1	1.850	1.757	09/10/2025	13:14
13	Q3061-05		1	0.548	0.400	09/10/2025	13:20
14	Q3061-06		1	2.090	2.007	09/10/2025	13:24
15	CCV2	10	1	10.300	10.564	09/10/2025	13:28
16	CCB2		1	0.152	-0.012	09/10/2025	13:32
17	Q3061-07		1	0.495	0.345	09/10/2025	13:36
18	CCV3	10	1	10.600	10.877	09/10/2025	13:40
19	CCB3		1	0.146	-0.019	09/10/2025	13:44

WORKLIST(Hardcopy Internal Chain)

LB(37138

WorkList Name : TURBIDITY-091025 WorkList ID : 191783 Department : Wet-Chemistry Date : 09-10-2025 10:22:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3061-01	B2-W16-RM4080-SINK	Water	Turbidity	Cool 4 deg C	CLOU03	J12	09/09/2025	SM2130 B
Q3061-02	B2-W16-RM4056-SINK	Water	Turbidity	Cool 4 deg C	CLOU03	J12	09/09/2025	SM2130 B
Q3061-03	B2-W16-RM4057-RHSINK	Water	Turbidity	Cool 4 deg C	CLOU03	J12	09/09/2025	SM2130 B
Q3061-04	B2-W16-LHDDrinking Fountain	Water	Turbidity	Cool 4 deg C	CLOU03	J12	09/09/2025	SM2130 B
Q3061-05	B2-W16-RM4065-Eyewash	Water	Turbidity	Cool 4 deg C	CLOU03	J12	09/09/2025	SM2130 B
Q3061-06	B2-W16-RM4088-SINK	Water	Turbidity	Cool 4 deg C	CLOU03	J12	09/09/2025	SM2130 B
Q3061-07	B2-W16-RM4075-SINK	Water	Turbidity	Cool 4 deg C	CLOU03	J12	09/09/2025	SM2130 B

Date/Time 09/10/25 10:25
Raw Sample Received by: 12(10)
Raw Sample Relinquished by: 28(100)

Date/Time 09/10/25 14:35
Raw Sample Received by: 28(100)
Raw Sample Relinquished by: 12(10)

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137137

Review By	Iwona	Review On	9/11/2025 4:03:52 PM
Supervise By	JIGNESH	Supervise On	9/11/2025 4:19:34 PM
SubDirectory	LB137137	Test	Residual Chlorine
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114710,WP114709,WP114704,WP114705,WP114707,WP114703,WP114708,WP114706,W3147		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	09/10/25 10:45		Iwona	OK
2	CAL2	CAL2	CAL	09/10/25 10:48		Iwona	OK
3	CAL3	CAL3	CAL	09/10/25 10:51		Iwona	OK
4	CAL4	CAL4	CAL	09/10/25 10:53		Iwona	OK
5	CAL5	CAL5	CAL	09/10/25 10:56		Iwona	OK
6	CAL6	CAL6	CAL	09/10/25 11:00		Iwona	OK
7	ICV	ICV	ICV	09/10/25 11:03		Iwona	OK
8	ICB	ICB	ICB	09/10/25 11:06		Iwona	OK
9	CCV1	CCV1	CCV	09/10/25 11:09		Iwona	OK
10	CCB1	CCB1	CCB	09/10/25 11:12		Iwona	OK
11	LB137137BL	LB137137BL	MB	09/10/25 11:15		Iwona	OK
12	LB137137BS	LB137137BS	LCS	09/10/25 11:18		Iwona	OK
13	Q2893-09	MDL-WATER-03-QT3	SAM	09/10/25 11:21		Iwona	OK
14	Q3019-19	WP0925-PT-CL-WP	SAM	09/10/25 11:24		Iwona	OK
15	Q3061-01	B2-W16-RM4080-SIN	SAM	09/10/25 11:27		Iwona	OK
16	Q3061-01DUP	B2-W16-RM4080-SIN	DUP	09/10/25 11:30		Iwona	OK
17	Q3061-01MS	B2-W16-RM4080-SIN	MS	09/10/25 11:33		Iwona	OK
18	Q3061-01MSD	B2-W16-RM4080-SIN	MSD	09/10/25 11:36		Iwona	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137137

Review By	Iwona	Review On	9/11/2025 4:03:52 PM
Supervise By	JIGNESH	Supervise On	9/11/2025 4:19:34 PM
SubDirectory	LB137137	Test	Residual Chlorine
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114710,WP114709,WP114704,WP114705,WP114707,WP114703,WP114708,WP114706,W3147		

19	Q3061-02	B2-W16-RM4056-SIN	SAM	09/10/25 11:40		Iwona	OK
20	Q3061-03	B2-W16-RM4057-RH3	SAM	09/10/25 11:43		Iwona	OK
21	CCV2	CCV2	CCV	09/10/25 11:46		Iwona	OK
22	CCB2	CCB2	CCB	09/10/25 11:49		Iwona	OK
23	Q3061-04	B2-W16-LHDrinking F	SAM	09/10/25 11:52		Iwona	OK
24	Q3061-05	B2-W16-RM4065-Eye	SAM	09/10/25 11:55		Iwona	OK
25	Q3061-06	B2-W16-RM4088-SIN	SAM	09/10/25 11:58		Iwona	OK
26	Q3061-07	B2-W16-RM4075-SIN	SAM	09/10/25 12:01		Iwona	OK
27	CCV3	CCV3	CCV	09/10/25 12:04		Iwona	OK
28	CCB3	CCB3	CCB	09/10/25 12:07		Iwona	OK

Instrument ID: WC TURBIDIMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137138

Review By	Iwona	Review On	9/11/2025 4:15:10 PM
Supervise By	JIGNESH	Supervise On	9/11/2025 4:19:25 PM
SubDirectory	LB137138	Test	Turbidity
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114720,WP114714,WP114716,WP114715,WP114719,WP114718,WP114721,WP114717,W3116		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	09/10/25 12:15		Iwona	OK
2	CAL2	CAL2	CAL	09/10/25 12:18		Iwona	OK
3	CAL3	CAL3	CAL	09/10/25 12:22		Iwona	OK
4	CAL4	CAL4	CAL	09/10/25 12:26		Iwona	OK
5	CAL5	CAL5	CAL	09/10/25 12:30		Iwona	OK
6	CAL6	CAL6	CAL	09/10/25 12:34		Iwona	OK
7	ICV	ICV	ICV	09/10/25 12:37		Iwona	OK
8	ICB	ICB	ICB	09/10/25 12:40		Iwona	OK
9	CCV1	CCV1	CCV	09/10/25 12:43		Iwona	OK
10	CCB1	CCB1	CCB	09/10/25 12:46		Iwona	OK
11	LB137138BL	LB137138BL	MB	09/10/25 12:50		Iwona	OK
12	Q2893-10	LOD-MDL-WATER-04	SAM	09/10/25 12:53		Iwona	OK
13	Q2893-11	LOQ-WATER-05-QT3	SAM	09/10/25 12:56		Iwona	OK
14	Q3061-01	B2-W16-RM4080-SIN	SAM	09/10/25 13:00		Iwona	OK
15	Q3061-01DUP	B2-W16-RM4080-SIN	DUP	09/10/25 13:04		Iwona	OK
16	Q3061-02	B2-W16-RM4056-SIN	SAM	09/10/25 13:07		Iwona	OK
17	Q3061-03	B2-W16-RM4057-RH3	SAM	09/10/25 13:10		Iwona	OK
18	Q3061-04	B2-W16-LHDrinking F	SAM	09/10/25 13:14		Iwona	OK

Instrument ID: WC TURBIDIMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137138

Review By	Iwona	Review On	9/11/2025 4:15:10 PM
Supervise By	JIGNESH	Supervise On	9/11/2025 4:19:25 PM
SubDirectory	LB137138	Test	Turbidity
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114720,WP114714,WP114716,WP114715,WP114719,WP114718,WP114721,WP114717,W3116		

19	Q3061-05	B2-W16-RM4065-Eye	SAM	09/10/25 13:20		Iwona	OK
20	Q3061-06	B2-W16-RM4088-SIN	SAM	09/10/25 13:24		Iwona	OK
21	CCV2	CCV2	CCV	09/10/25 13:28		Iwona	OK
22	CCB2	CCB2	CCB	09/10/25 13:32		Iwona	OK
23	Q3061-07	B2-W16-RM4075-SIN	SAM	09/10/25 13:36		Iwona	OK
24	CCV3	CCV3	CCV	09/10/25 13:40		Iwona	OK
25	CCB3	CCB3	CCB	09/10/25 13:44		Iwona	OK

Prep Standard - Chemical Standard Summary

Order ID : Q3061

Test : Residual Chlorine,Turbidity

Prepbatch ID :

Sequence ID/Qc Batch ID: LB137137, LB137138,

Standard ID :

WP114701, WP114702, WP114703, WP114704, WP114705, WP114706, WP114707, WP114708, WP114709, WP114710, WP114711, WP114712, WP114713, WP114714, WP114715, WP114716, WP114717, WP114718, WP114719, WP114720, WP114721,

Chemical ID :

W3078, W3081, W3112, W3116, W3130, W3131, W3147,

Wet Chemistry STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3443	Residual chlorine std, Intermediate 10PPM	WP114701	09/10/2025	09/11/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 09/11/2025

FROM 42.75000ml of W3112 + 7.25000ml of W3130 = Final Quantity: 50.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3444	Residual chlorine std, Intermediate-SS 10PPM	WP114702	09/10/2025	09/11/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 09/11/2025

FROM 42.50000ml of W3112 + 7.50000ml of W3131 = Final Quantity: 50.000 ml

Wet Chemistry STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3710	Chlorine Calibration std, 0.0ppm	WP114703	09/10/2025	09/11/2025	Iwona Zarych	None	None	Jignesh Parikh
								09/11/2025

FROM 50.00000ml of W3112 = Final Quantity: 50.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3707	Chlorine Calibration std, 0.1ppm	WP114704	09/10/2025	09/11/2025	Iwona Zarych	None	WETCHEM_FIPETTE_3	Jignesh Parikh
							(WC)	09/11/2025

FROM 49.50000ml of W3112 + 0.50000ml of WP114701 = Final Quantity: 50.000 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3708	Chlorine Calibration std, 0.2ppm	WP114705	09/10/2025	09/11/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3	Jignesh Parikh
(WC)								
<u>FROM</u>	49.00000ml of W3112 + 1.00000ml of WP114701 = Final Quantity: 50.000 ml							

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3799	Residual Chlorine Calibration and CCV std, 0.4PPM	WP114706	09/10/2025	09/11/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3	Jignesh Parikh
(WC)								
<u>FROM</u>	96.00000ml of W3112 + 4.00000ml of WP114701 = Final Quantity: 100.000 ml							

Wet Chemistry STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3709	Chlorine Calibration std, 0.8ppm	WP114707	09/10/2025	09/11/2025	Iwona Zarych	None	WETCHEM_F IPETTE_3 (WC)	Jignesh Parikh 09/11/2025
FROM 46.00000ml of W3112 + 4.00000ml of WP114701 = Final Quantity: 50.000 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3711	Chlorine Calibration std, 1.6ppm	WP114708	09/10/2025	09/11/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 09/11/2025
FROM 42.00000ml of W3112 + 8.00000ml of WP114701 = Final Quantity: 50.000 ml								



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3452	Residual chlorine ICV-LCS, 0.4PPM	WP114709	09/10/2025	09/11/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 09/11/2025
<u>FROM</u> 48.00000ml of W3112 + 2.00000ml of WP114702 = Final Quantity: 50.000 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3450	Residual chlorine LOD, 0.05PPM	WP114710	09/10/2025	09/11/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 09/11/2025
<u>FROM</u> 49.75000ml of W3112 + 0.25000ml of WP114701 = Final Quantity: 50.000 ml								



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1167	hydrazine sulfate solution 1	WP114711	09/09/2025	10/09/2025	Iwona Zarych	WETCHEM_SCALE_5 (WCS-5)	None	Jignesh Parikh 09/11/2025
<u>FROM</u>	1.00000gram of W3078 + 99.00000ml of W3112 = Final Quantity: 100.000 ml							

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1843	HEXAMETHYLENETETRAMINE SOLUTION 1	WP114712	09/09/2025	10/09/2025	Iwona Zarych	WETCHEM_SCALE_5 (WCS-5)	None	Jignesh Parikh 09/11/2025
<u>FROM</u>	10.00000gram of W3081 + 90.00000ml of W3112 = Final Quantity: 100.000 ml							



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1102	Formazin turbidity 400 NTU suspension	WP114713	09/09/2025	10/09/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3	Jignesh Parikh
(WC) FROM 90.00000ml of W3112 + 5.00000ml of WP114711 + 5.00000ml of WP114712 = Final Quantity: 100.000 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3713	Turbidity Calibration std, 0NTU	WP114714	09/10/2025	09/11/2025	Iwona Zarych	None	None	Jignesh Parikh 09/11/2025
<u>FROM</u> 100.00000ml of W3112 = Final Quantity: 100.000 ml								

Wet Chemistry STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3718	Turbidity Calibration std, 40NTU	WP114715	09/10/2025	09/11/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 09/11/2025

FROM 90.00000ml of W3112 + 10.00000ml of WP114713 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3714	Turbidity Calibration std, 20NTU	WP114716	09/10/2025	09/11/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 09/11/2025

FROM 95.00000ml of W3112 + 5.00000ml of WP114713 = Final Quantity: 100.000 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3807	Turbidity Calibration - CCV std, 10 NTU	WP114717	09/10/2025	09/11/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3	Jignesh Parikh
(WC) FROM 97.50000ml of W3112 + 2.50000ml of WP114713 = Final Quantity: 100.000 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3722	Turbidity Calibration std, 5NTU	WP114718	09/10/2025	09/11/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 09/11/2025
<u>FROM</u> 87.50000ml of W3112 + 12.50000ml of WP114715 = Final Quantity: 100.000 ml								

Wet Chemistry STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3720	Turbidity Calibration std, 1NTU	WP114719	09/10/2025	09/11/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 09/11/2025

FROM 97.50000ml of W3112 + 2.50000ml of WP114715 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1998	TURBIDITY LOD STD, 0.5NTU	WP114720	09/10/2025	09/11/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 09/11/2025

FROM 5.00000ml of W3116 + 95.00000ml of W3112 = Final Quantity: 100.000 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3739	Turbidity LOQ std, 1.0NTU	WP114721	09/10/2025	09/11/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 09/11/2025
<u>FROM</u>	10.00000ml of W3116 + 90.00000ml of W3112 = Final Quantity: 100.000 ml							

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	J2177-1 / Hydrazine sulfate, 500 gms	BCCK9980	10/13/2028	01/26/2024 / lwona	01/26/2024 / lwona	W3078

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	AA36462-36 / hexamethylenetetramine	M02K021	01/02/2027	02/26/2024 / lwona	02/26/2024 / lwona	W3081

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / lwona	07/03/2024 / lwona	W3112

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
HACH	2659949 / 10 NTU Standard 500 ml	A4151	05/30/2026	07/12/2024 / lwona	07/12/2024 / lwona	W3116

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
HACH	14268-10 / Chlorine Std, Pk of 16	A4144	01/31/2026	07/25/2024 / lwona	07/25/2024 / lwona	W3130

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
HACH	14268-10 / Chlorine Std, Pk of 16	A4166	02/28/2026	07/25/2024 / lwona	07/25/2024 / lwona	W3131

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
HACH	14064-99 / Total Chlorine Powder Pillows	A4230	08/31/2029	10/01/2024 / lwona	10/01/2024 / lwona	W3147

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

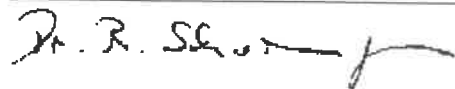
Product Name:

Hydrazine sulfate salt - ACS reagent, $\geq 99.0\%$

Product Number: 216046
Batch Number: BCCK9980
Brand: SIAL
CAS Number: 10034-93-2
Formula: $\text{H}_4\text{N}_2 \cdot \text{H}_2\text{SO}_4$
Formula Weight: 130,12 g/mol
Quality Release Date: 13 OCT 2023

 $\text{NH}_2\text{NH}_2 \cdot \text{H}_2\text{SO}_4$

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Crystals or Chunk(s)	Crystals
Redox Titration	$\geq 99.0 \%$	99.4 %
With Iodine		
Residue on Ignition	$\leq 0.05 \%$	0.01 %
Infrared Spectrum	Conforms to Structure	Conforms
Meets ACS Requirements	Corresponds to Requirements	Corresponds
ACS Specifications	Corresponds to Requirements	Corresponds
Heavy Metals $\leq 0.002 \%$ (as Pb),		
Insoluble Matter $\leq 0.005 \%$ (C= 6.67%, H ₂ O)		
Iron (Fe)	$\leq 10 \text{ mg/kg}$	$< 10 \text{ mg/kg}$
Chloride (Cl)	$\leq 50 \text{ mg/kg}$	$< 50 \text{ mg/kg}$



Dr. Reinhold Schwenninger
Quality Assurance
Buchs, Switzerland CH

W3081 Recieved on 02/26/2024 by IZ

Product No.: 036462

Product: Hexamethylenetetramine, ACS, 99+%

Lot No.: M02K021

	Appearance	White solid
Test	Limits	Results
Assay	99.0 % min	100.7 %
Loss on drying	2.0 % max	0.2 %
Heavy metals (as Pb)	0.001 % max	< 0.001 %
Residue after ignition	0.1 % max	< 0.1 %

Retest Date: January 2, 2027

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Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Certificate of Analysis List

For request number 2018129

Catalog Number Entered	Lot Number Entered	Related Catalog Number	Related Lot Code	Description
2659949	4151	N/A	N/A	StablCal sup TS sup Standard, 10 NTU

Total Enclosures: 1

*Certificate of Analysis*

Page 1

COMMODITY: **StablCal|sup|TS|sup Standard, 10 NTU**COMMODITY NUMBER: **2659949**

MANUFACTURE DATE:

LOT NUMBER: **A4151****6/4/2024**

DATE OF ANALYSIS:

6/7/2024

<i>TEST</i>	<i>SPECIFICATIONS</i>	<i>RESULTS</i>
Turbidity	9.5 to 10.5 NTU	9.99 NTU

The expiration date is May 2026

Formazin and StablCal® solutions provided by Hach are not NIST traceable because the NIST does not carry turbidity standards. However, the use of Formazin and StablCal® as used in Hach method 8195 are accepted by the EPA as a primary standard to be used in the calibration of turbidity instruments.

Certified by _____

Scott Als
Analytical Services Chemist



An ISO 9001 Certified Company

Loveland, CO 80539

(970) 669-3050

Certificate of Analysis

PRODUCT: Chlorine Solution Ampule 50-75 mg/l

PRODUCT NUMBER: 1426810

LOT NUMBER: A4144

MANUFACTURE DATE: 05/28/2024

DATE OF ANALYSIS: 05/30/2024

TEST	SPECIFICATIONS	RESULTS
Standard Deviation for the ampules sampled	0 to 0.4 mg/L	0.10 mg/L
Mean Chlorine Concentration ampules sampled.	50 to 75 mg/L	60.9 mg/L

The expiration date is Jan 2026

Certified by: *Scott Als*

Analytical Services Chemist



An ISO 9001 Certified Company

Loveland, CO 80539

(970) 669-3050

Certificate of Analysis

PRODUCT: Chlorine Solution Ampule 50-75 mg/l

PRODUCT NUMBER: 1426810

LOT NUMBER: A4166

MANUFACTURE DATE: 06/24/2024

DATE OF ANALYSIS: 06/25/2024

TEST	SPECIFICATIONS	RESULTS
Standard Deviation for the ampules sampled	0 to 0.4 mg/L	0.10 mg/L
Mean Chlorine Concentration ampules sampled.	50 to 75 mg/L	61.9 mg/L

The expiration date is Feb 2026

Certified by: *Scott Als*

Analytical Services Chemist



An ISO 9001 Certified Company

Loveland, CO 80539

(970) 669-3050

Certificate of Analysis

PRODUCT: DPD Total Chlorine Reagent

PRODUCT NUMBER: 1406499

LOT NUMBER: A4230

MANUFACTURE DATE: 08/27/2024

DATE OF ANALYSIS: 08/28/2024

TEST	SPECIFICATIONS	RESULTS
Percent Recovery for a 2.5 ppm Standard. Chlorine concentration determined using DPD compared to the actual concentration.	93 to 107 %	95.7 %
pH of reagent in 50 mL of DI water.	6.2 to 6.5	6.40
Percent Recovery for a 5.0 ppm Standard. Chlorine concentration determined using DPD compared to the actual concentration.	93 to 107 %	96.2 %
Hardness Blank: 1000 ppm as Calcium Carbonate Hardness standard vs DI water measured at 530 nm in 1 cm cells.	0 to 0.009 abs	0.0020 abs

The expiration date is Aug 2029

Certified by: *Scott Als*

Analytical Services Chemist



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: CHA Consulting, Inc
ADDRESS: 3 Winners Circle
CITY Albany STATE: NY ZIP: 12205
ATTENTION: Carrie Robinson
PHONE: 518-453-8703 FAX: _____

CLIENT PROJECT INFORMATION

PROJECT NAME: NYSOMH Emergency Service
PROJECT NO.: 98107.100 LOCATION: Kingsboro, PC
PROJECT MANAGER: Carrie Robinson
e-mail: crobinson@chasolutions.com
PHONE: 518-453-8703 FAX: _____

CLIENT BILLING INFORMATION

BILL TO: invoices@chasolutions.com PO#: 098107.1001
ADDRESS: _____
CITY _____ STATE: _____ ZIP: _____
ATTENTION: _____ PHONE: _____

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) results by 9/12/25 DAYS*
HARDCOPY (DATA PACKAGE): 2 DAYS*
EDD: need results by 9/12/25 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☒ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT _____

1. Total Coliform
2. Turbidity
3. Chlorine
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		F	-	-							
1.	B2-W16-Rm4080-Sink	DW		X	9/9/25	853	3	X	X	X							F = Na2S2O3
2.	B2-W16-Rm4056-Sink	DW		X		907	3	X	X	X							
3.	B2-W16-Rm4057-RH Sink	DW		X		912	3	X	X	X							
4.	B2-W16-LH Drinking Fountain	DW		X		915	3	X	X	X							
5.	B2-W16-Rm4065-Eyewash	DW		X		922	3	X	X	X							
6.	B2-W16-Rm4088-Sink	DW		X		856	3	X	X	X							
7.	B2-W16-Rm4075-Sink	DW		X		902	3	X	X	X							
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.0</u> °C
1. <u>[Signature]</u>	<u>9/9/25 152</u>	1. <u>[Signature]</u>	Comments: _____
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2. <u>[Signature]</u>		2. <u>[Signature]</u>	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2. <u>[Signature]</u>	<u>9-9-25 1640</u>	3. <u>[Signature]</u>	

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312