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

DATA PACKAGE

GENERAL CHEMISTRY

PROJECT NAME : NJ DRINKING WATER PT

ALLIANCE TECHNICAL GROUP, LLC - NEWARK

284 Sheffiled Stree

Suite 1

Mountainside, NJ - 07092

Phone No: 908-789-8900

ORDER ID : Q2552

ATTENTION : Mohammad Ahmed

Laboratory Certification ID # 20012

Table Of Contents for Q2552

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Cover Page

Order ID : Q2552

Project ID : NJ Drinking Water PT

Client : Alliance Technical Group, LLC - Newark

Lab Sample Number	Client Sample Number
Q2552-01	WS0725-PT-TURB-WS
Q2552-02	WS0725-PT-TURB-WS
Q2552-03	WS0725-PT-MIN-WS
Q2552-04	WS0725-PT-TM-WS
Q2552-05	WS0725-PT-HG-WS
Q2552-06	WS0725-PT-SIO2-WS
Q2552-07	WS0725-PT-RVOA-WS
Q2552-08	WS0725-PT-UNROVA-WS
Q2552-09	WS0725-PT-THM-WS
Q2552-10	WS0725-PT-ADD-WS
Q2552-11	WS0725-PT-EDBCP-WS

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: 7/29/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Alliance Technical Group, LLC - Newark
Project Name: NJ Drinking Water PT
Project # N/A
Order ID # Q2552
Test Name: Turbidity

A. Number of Samples and Date of Receipt:
2 Water samples were received on 07/09/2025.

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

C. Analytical Techniques:
The analysis of Turbidity was based on method 180.1 and The analysis of Turbidity was based on method SM2130 B.

D. QA/ QC Samples:
The Holding Times were met for all samples except for WS0725-PT-TURB-WS of Turbidity and for WS0725-PT-TURB-WS of Turbidity as samples were receive out of holding time.

The 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:
The time of sampling was not listed in the COC.

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_____

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

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

ALLIANCE **284 Sheffield Street, Mountainside New Jersey 07092**
NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

GENERAL CHEMISTRY CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q2552 MATRIX: Water

METHOD: 180.1,SM2130 B

		NA	NO	YES
1.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
2.	Sample Duplicate Analysis Met QC Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
3.	Digestion Holding Time Met		✓	
	If not met, list number of days exceeded for each sample:			
	The Holding Times were met for all samples except for WS0725-PT-TURB-WS of Turbidity and for WS0725-PT-TURB-WS of Turbidity as samples were receive out of holding time.			

ADDITIONAL COMMENTS:
The time of sampling was not listed in the COC.

QA REVIEW Date

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2552

	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 Castody	✓
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:** 07/29/2025

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LAB CHRONICLE

OrderID:	Q2552	**OrderDate:**	7/9/2025 3:45:00 PM
Client:	Alliance Technical Group, LLC - Newark	**Project:**	NJ Drinking Water PT
Contact:	Mohammad Ahmed	**Location:**	QA Office,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2552-01	**WS0725-PT-TURB-WS**	**Water**			**07/07/25 10:00**			**07/09/25**
			Turbidity	180.1			07/24/25 12:12	
Q2552-02	**WS0725-PT-TURB-WS**	**Water**			**07/07/25 10:00**			**07/09/25**
			Turbidity	SM2130 B			07/24/25 12:12	

SAMPLE DATA

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Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	07/07/25 10:00
Project:	NJ Drinking Water PT	Date Received:	07/09/25
Client Sample ID:	WS0725-PT-TURB-WS	SDG No.:	Q2552
Lab Sample ID:	Q2552-01	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Turbidity	3.85	H	1	0.15	1.00	NTU		07/24/25 12:12	180.1

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

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Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	07/07/25 10:00
Project:	NJ Drinking Water PT	Date Received:	07/09/25
Client Sample ID:	WS0725-PT-TURB-WS	SDG No.:	Q2552
Lab Sample ID:	Q2552-02	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Turbidity	3.85	H	1	0.15	1.00	NTU		07/24/25 12:12	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

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q2552

Project: NJ Drinking Water PT **RunNo.:** LB136603

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
Turbidity		NTU	10.702	10	107	90-110	07/24/2025
Sample ID:	CCV1						
Turbidity		NTU	9.723	10	97	90-110	07/24/2025
Sample ID:	CCV2						
Turbidity		NTU	10.150	10	102	90-110	07/24/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q2552

Project: NJ Drinking Water PT **RunNo.:** LB136604

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
Turbidity		NTU	10.702	10	107	90-110	07/24/2025
Sample ID:	CCV1						
Turbidity		NTU	9.723	10	97	90-110	07/24/2025
Sample ID:	CCV2						
Turbidity		NTU	10.150	10	102	90-110	07/24/2025

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Initial and Continuing Calibration Blank Summary

Client:	Alliance Technical Group, LLC - Newark	**SDG No.:**	Q2552
Project:	NJ Drinking Water PT	**RunNo.:**	LB136603

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB							
Turbidity		NTU	0.321	0.5000	J	0.15	1.0	07/24/2025
Sample ID:	CCB1							
Turbidity		NTU	0.337	0.5000	J	0.15	1	07/24/2025
Sample ID:	CCB2							
Turbidity		NTU	0.328	0.5000	J	0.15	1	07/24/2025

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Initial and Continuing Calibration Blank Summary

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q2552

Project: NJ Drinking Water PT **RunNo.:** LB136604

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB							
Turbidity		NTU	0.321	0.5000	J	0.15	1.0	07/24/2025
Sample ID:	CCB1							
Turbidity		NTU	0.337	0.5000	J	0.15	1	07/24/2025
Sample ID:	CCB2							
Turbidity		NTU	0.328	0.5000	J	0.15	1	07/24/2025

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Preparation Blank Summary

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q2552

Project: NJ Drinking Water PT

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136603BL							
Turbidity	NTU	0.327	0.5000	J	0.15	1.0	07/24/2025
Sample ID: LB136604BL							
Turbidity	NTU	0.327	0.5000	J	0.15	1.0	07/24/2025

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Duplicate Sample Summary

Client: Alliance Technical Group, LLC - Newark
SDG No.: Q2552
Project: NJ Drinking Water PT
Sample ID: Q2552-01
Client ID: WS0725-PT-TURB-WSDUP
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
Turbidity	NTU	+/-20	3.85		3.84		1	0.26		07/24/2025

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Duplicate Sample Summary

Client: Alliance Technical Group, LLC - Newark
SDG No.: Q2552
Project: NJ Drinking Water PT
Sample ID: Q2552-02
Client ID: WS0725-PT-TURB-WSDUP
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
Turbidity	NTU	+/-20	3.85		3.84		1	0.26		07/24/2025

RAW DATA

Reviewed By:Sohil
On:7/25/2025 10:47:34 AM
Inst Id :WC TURBIDIMETER-1

Analytical Summary Report

Analysis Method: 180.1 ANALYST: Iwona

Parameter: Turbidity SUPERVISOR REVIEW BY: Sohil

Run Number: LB136603

Reagent/Standard	Lot/Log #
Turbidity Calibration std, 0NTU	WP114070
Turbidity Calibration std, 20NTU	WP114065
Turbidity Calibration std, 0.5NTU	WP114069
Turbidity Calibration std, 1NTU	WP114068
Turbidity Calibration std, 5NTU	WP114067
Turbidity Calibration - CCV std, 10 NTU	WP114066
10 NTU Standard 500 ml	W3116

Intercept: -0.1276 **Slope:** 0.7968 **Regression:** 0.9998

Seq	Lab ID	True Value (NTU)	Dilution	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	0.118	0.31		07/24/2025	11:35
2	CAL2	1	1	0.474	0.76	-24.5	07/24/2025	11:38
3	CAL3	5	1	4.030	5.22	4.4	07/24/2025	11:41
4	CAL4	10	1	7.770	9.91	-0.9	07/24/2025	11:44
5	CAL5	20	1	15.500	19.61	-1.9	07/24/2025	11:48
6	CAL6	40	1	31.900	40.20	0.5	07/24/2025	11:52

Analytical Summary Report

Analysis Method: 180.1
Parameter: Turbidity
Run Number: LB136603

ANALYST: Iwona
SUPERVISOR REVIEW BY: Sohil

Seq	Lab ID	True Value (NTU)	Dilution	Reading	Result (NTU)	AnalDate	Anal Time
1	ICV	10	1	8.400	10.702	07/24/2025	11:55
2	ICB		1	0.128	0.321	07/24/2025	11:58
3	CCV1	10	1	7.620	9.723	07/24/2025	12:02
4	CCB1		1	0.141	0.337	07/24/2025	12:05
5	LB136603BL		1	0.133	0.327	07/24/2025	12:08
6	Q2552-01		1	2.940	3.850	07/24/2025	12:12
7	Q2552-01DUP		1	2.930	3.837	07/24/2025	12:15
8	CCV2	10	1	7.960	10.150	07/24/2025	12:18
9	CCB2		1	0.134	0.328	07/24/2025	12:22

LB136603
LB136604

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TURBIDITY-072425 **WorkList ID :** 190938 **Department :** Wet-Chemistry **Date :** 07-24-2025 11:20:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2552-01	WS0725-PT-TURB-WS	Water	Turbidity	Cool 4 deg C	ALLI03	QA Of	07/07/2025	180.1
Q2552-02	WS0725-PT-TURB-WS	Water	Turbidity	Cool 4 deg C	ALLI03	QA Of	07/07/2025	SM2130 B

Date/Time 07/24/25 11:25
Raw Sample Received by: 12(WC)
Raw Sample Relinquished by: SJ (QAO).

Date/Time NA
Raw Sample Received by: NA
Raw Sample Relinquished by: NA

Reviewed By:Sohil
On:7/25/2025 10:48:09 AM
Inst Id :WC TURBIDIMETER-1

Analytical Summary Report

Analysis Method: SM2130 B
ANALYST: Iwona
Parameter: Turbidity
SUPERVISOR REVIEW BY: Sohil
Run Number: LB136604

Reagent/Standard	Lot/Log #
Turbidity Calibration std, 0NTU	WP114070
Turbidity Calibration std, 20NTU	WP114065
Turbidity Calibration std, 1NTU	WP114068
Turbidity Calibration std, 5NTU	WP114067
Turbidity Calibration - CCV std, 10 NTU	WP114066
10 NTU Standard 500 ml	W3116

Intercept: -0.1276 **Slope:** 0.7968 **Regression:** 0.9998

Seq	Lab ID	True Value (NTU)	Dilution	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	0.118	0.31		07/24/2025	11:35
2	CAL2	1	1	0.474	0.76	-24.5	07/24/2025	11:38
3	CAL3	5	1	4.030	5.22	4.4	07/24/2025	11:41
4	CAL4	10	1	7.770	9.91	-0.9	07/24/2025	11:44
5	CAL5	20	1	15.500	19.61	-1.9	07/24/2025	11:48
6	CAL6	40	1	31.900	40.20	0.5	07/24/2025	11:52

Analytical Summary Report

Analysis Method: SM2130 B
ANALYST: Iwona
Parameter: Turbidity
SUPERVISOR REVIEW BY: Sohil
Run Number: LB136604

Seq	Lab ID	True Value (NTU)	Dilution	Reading	Result (NTU)	AnalDate	Anal Time
1	ICV	10	1	8.400	10.702	07/24/2025	11:55
2	ICB		1	0.128	0.321	07/24/2025	11:58
3	CCV1	10	1	7.620	9.723	07/24/2025	12:02
4	CCB1		1	0.141	0.337	07/24/2025	12:05
5	LB136604BL		1	0.133	0.327	07/24/2025	12:08
6	Q2552-02		1	2.940	3.850	07/24/2025	12:12
7	Q2552-02DUP		1	2.930	3.837	07/24/2025	12:15
8	CCV2	10	1	7.960	10.150	07/24/2025	12:18
9	CCB2		1	0.134	0.328	07/24/2025	12:22

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Instrument ID: WC TURBIDIMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136603

Review By	Iwona	Review On	7/24/2025 2:50:52 PM
Supervise By	Sohil	Supervise On	7/25/2025 10:47:34 AM
SubDirectory	LB136603	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	WP114070,WP114065,WP114069,WP114068,WP114067,WP114066,W3116

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	07/24/25 11:35		Iwona	OK
2	CAL2	CAL2	CAL	07/24/25 11:38		Iwona	OK
3	CAL3	CAL3	CAL	07/24/25 11:41		Iwona	OK
4	CAL4	CAL4	CAL	07/24/25 11:44		Iwona	OK
5	CAL5	CAL5	CAL	07/24/25 11:48		Iwona	OK
6	CAL6	CAL6	CAL	07/24/25 11:52		Iwona	OK
7	ICV	ICV	ICV	07/24/25 11:55		Iwona	OK
8	ICB	ICB	ICB	07/24/25 11:58		Iwona	OK
9	CCV1	CCV1	CCV	07/24/25 12:02		Iwona	OK
10	CCB1	CCB1	CCB	07/24/25 12:05		Iwona	OK
11	LB136603BL	LB136603BL	MB	07/24/25 12:08		Iwona	OK
12	Q2552-01	WS0725-PT-TURB-W	SAM	07/24/25 12:12		Iwona	OK
13	Q2552-01DUP	WS0725-PT-TURB-W	DUP	07/24/25 12:15		Iwona	OK
14	CCV2	CCV2	CCV	07/24/25 12:18		Iwona	OK
15	CCB2	CCB2	CCB	07/24/25 12:22		Iwona	OK

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Instrument ID: WC TURBIDIMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136604

Review By	Iwona	Review On	7/24/2025 2:50:44 PM
Supervise By	Sohil	Supervise On	7/25/2025 10:48:09 AM
SubDirectory	LB136604	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	WP114070,WP114065,WP114068,WP114067,WP114066,W3116

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	07/24/25 11:35		Iwona	OK
2	CAL2	CAL2	CAL	07/24/25 11:38		Iwona	OK
3	CAL3	CAL3	CAL	07/24/25 11:41		Iwona	OK
4	CAL4	CAL4	CAL	07/24/25 11:44		Iwona	OK
5	CAL5	CAL5	CAL	07/24/25 11:48		Iwona	OK
6	CAL6	CAL6	CAL	07/24/25 11:52		Iwona	OK
7	ICV	ICV	ICV	07/24/25 11:55		Iwona	OK
8	ICB	ICB	ICB	07/24/25 11:58		Iwona	OK
9	CCV1	CCV1	CCV	07/24/25 12:02		Iwona	OK
10	CCB1	CCB1	CCB	07/24/25 12:05		Iwona	OK
11	LB136604BL	LB136604BL	MB	07/24/25 12:08		Iwona	OK
12	Q2552-02	WS0725-PT-TURB-W	SAM	07/24/25 12:12		Iwona	OK
13	Q2552-02DUP	WS0725-PT-TURB-W	DUP	07/24/25 12:15		Iwona	OK
14	CCV2	CCV2	CCV	07/24/25 12:18		Iwona	OK
15	CCB2	CCB2	CCB	07/24/25 12:22		Iwona	OK

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Prep Standard - Chemical Standard Summary

Order ID : Q2552

Test : Turbidity

Prepbatch ID :

Sequence ID/Qc Batch ID: LB136603,LB136604,

Standard ID :
WP114061,WP114062,WP114063,WP114064,WP114065,WP114066,WP114067,WP114068,WP114069,WP114070,

Chemical ID :
W3078,W3081,W3112,W3116,

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1167	hydrazine sulfate solution 1	WP114061	07/23/2025	08/23/2025	Iwona Zarych	WETCHEM_SCALE_5 (WCSC-5)	None	Jignesh Parikh 07/28/2025

FROM 1.00000gram of W3078 + 99.00000ml of W3112 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1843	HEXAMETHYLENETETRAMINE SOLUTION 1	WP114062	07/23/2025	08/23/2025	Iwona Zarych	WETCHEM_SCALE_5 (WCSC-5)	None	Jignesh Parikh 07/28/2025

FROM 10.00000gram of W3081 + 90.00000ml of W3112 = Final Quantity: 100.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1102	Formazin turbidity 400 NTU suspension	WP114063	07/23/2025	07/24/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 07/28/2025

FROM 90.00000ml of W3112 + 5.00000ml of WP114061 + 5.00000ml of WP114062 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3718	Turbidity Calibration std, 40NTU	WP114064	07/24/2025	07/24/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 07/28/2025

FROM 90.00000ml of W3112 + 10.00000ml of WP114063 = Final Quantity: 100.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3714	Turbidity Calibration std, 20NTU	WP114065	07/24/2025	07/25/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 07/28/2025

FROM 95.00000ml of W3112 + 5.00000ml of WP114063 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3807	Turbidity Calibration - CCV std, 10 NTU	WP114066	07/24/2025	07/25/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 07/28/2025

FROM 97.50000ml of W3112 + 2.50000ml of WP114063 = Final Quantity: 100.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3722	Turbidity Calibration std, 5NTU	WP114067	07/24/2025	07/25/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 07/28/2025

FROM 87.50000ml of W3112 + 12.50000ml of WP114064 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3720	Turbidity Calibration std, 1NTU	WP114068	07/24/2025	07/25/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 07/28/2025

FROM 97.50000ml of W3112 + 2.50000ml of WP114064 = Final Quantity: 100.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3715	Turbidity Calibration std, 0.5NTU	WP114069	07/24/2025	07/25/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 07/28/2025

FROM 97.50000ml of W3112 + 2.50000ml of WP114065 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3713	Turbidity Calibration std, 0NTU	WP114070	07/24/2025	07/25/2025	Iwona Zarych	None	None	Jignesh Parikh 07/28/2025

FROM 100.00000ml of W3112 = Final Quantity: 100.000 ml

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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 / Iwona	01/26/2024 / Iwona	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 / Iwona	02/26/2024 / Iwona	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 / Iwona	07/03/2024 / Iwona	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 / Iwona	07/12/2024 / Iwona	W3116

W 3078 Rec. on 1/26/24 by 12

Sigma-Aldrich.

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
Hydrazine sulfate salt - ACS reagent, ≥99.0%

$NH_2NH_2 \cdot H_2SO_4$

Product Number:	**216046**
Batch Number:	**BCCK9980**
Brand:	SIAL
CAS Number:	10034-93-2
Formula:	H4N2 · H2SO4
Formula Weight:	130,12 g/mol
Quality Release Date:	13 OCT 2023

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Crystals or Chunk(s)	Crystals
Redox Titration With Iodine	≥ 99.0 %	99.4 %
Residue on Ignition	≤ 0.05 %	0.01 %
Infrared Spectrum	Conforms to Structure	Conforms
Meets ACS Requirements	Corresponds to Requirements	Corresponds
ACS Specifications Heavy Metals < = 0.002 % (as Pb), Insoluble Matter < = 0.005 % (C= 6.67%, H2O)	Corresponds to Requirements	Corresponds
Iron (Fe)	≤ 10 mg/kg	< 10 mg/kg
Chloride (Cl)	≤ 50 mg/kg	< 50 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

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

HACH COMPANY

P.O.Box 389
Loveland, CO 80539
(970) 669-3050

An ISO 9001 Certified Company

Certificate of Analysis

COMMODITY:**StablCal|sup|TS|sup Standard, 10 NTU**
COMMODITY NUMBER: **2659949** MANUFACTURE DATE: **6/4/2024** DATE OF ANALYSIS: **6/7/2024**
LOT NUMBER: **A4151**

TEST	*SPECIFICATIONS*	*RESULTS*
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

Scott Als
Analytical Services Chemist

SHIPPING DOCUMENTS

Q2552

phenova® Certified Reference Materials | A Phenomenex® Company

Packing List

Date	Order #
07/07/2025	333292

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsofsale

Ship To

Alliance Tech Group - Newark
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

7/9/25 10:10

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
PO2-2553	Net 30	ZCM-100	1500470	FedEx Collect 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
1	1	0	PT-TM-WS	WS Trace Metals 1	WS0725	9101-04
1	1	0	PT-HG-WS	WS Trace Metals Mercury	WS0725	9101-05
1	1	0	PT-MIN-WS	WS Minerals Only	WS0725	9101-51
1	1	0	PT-TURB-WS	WS Turbidity	WS0725	9101-13
1	1	0	PT-SIO2-WS	WS Silica	WS0725	9101-17
1	1	0	PT-RVOA-WS	WS Regulated Volatiles	WS0725	9101-21
1	1	0	PT-UNRVOA-WS	WS Unregulated Volatiles	WS0725	9101-22
1	1	0	PT-THM-WS	WS Trihalomethanes	WS0725	9101-23
1	1	0	PT-EDBCP-WS	WS EDB/DBCP/TCP	WS0725	9101-27
1	1	0	PT-ADD-WS	WS Gasoline Additives	WS0725	9101-36

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488