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

DATA PACKAGE

GENERAL CHEMISTRY

PROJECT NAME : ANSONIA LANDFILL 2025

LOCKWOOD, KESSLER & BARTLETT, INC.

1 Aerial Way

Syosset, NY - 11791-

Phone No: 516-938-0600

ORDER ID : Q3254

ATTENTION : John Gerlach

Laboratory Certification ID # 20012

Table Of Contents for Q3254

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Cover Page

Order ID : Q3254

Project ID : Ansonia Landfill 2025

Client : Lockwood, Kessler & Bartlett, Inc.

Lab Sample Number	Client Sample Number
Q3254-01	MW-1
Q3254-02	MW-1
Q3254-03	MW-2
Q3254-04	MW-2
Q3254-05	MW-3
Q3254-06	MW-3
Q3254-07	MW-4
Q3254-08	MW-4
Q3254-09	TRIP-BLANK

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: 10/10/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Lockwood, Kessler & Bartlett, Inc.
Project Name: Ansonia Landfill 2025
Project # N/A
Order ID # Q3254
Test Name: Alkalinity,Ammonia,Anions Group1,BOD5,TDS,TKN,Total Nitrogen,TSS,Turbidity

A. Number of Samples and Date of Receipt:
4 Water samples were received on 09/30/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Alkalinity,Ammonia,Anions Group1,BOD5,TDS,TKN,Total Nitrogen,TSS,Turbidity.
This data package contains results for Alkalinity,Ammonia,Anions Group1, BOD5,TDS,TKN,Total Nitrogen,TSS,Turbidity.

C. Analytical Techniques:
The analysis of Anions Group1 was based on method 300.0, The analysis of Total Nitrogen was based on method Cal, The analysis of Turbidity was based on method SM2130 B, The analysis of Alkalinity was based on method SM2320 B, The analysis of TDS was based on method SM2540 C, The analysis of TSS was based on method SM2540 D, The analysis of TKN was based on method SM4500 N Org B or C, The analysis of Ammonia was based on method SM4500-NH3 and The analysis of BOD5 was based on method SM5210 B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
Sample MW-1 was diluted due to high concentrations for Chloride & Sample MW-2 was diluted due to high concentrations for Ammonia as N,TKN,Chloride & Sample MW-3 was diluted due to high concentrations for Ammonia as N,Chloride & Sample MW-4 was diluted due to high concentrations for Ammonia as N,TKN,Chloride.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Matrix Spike (MW-1MS) analysis met criteria for all compounds except for Chloride due to sample matrix interference.
The Matrix Spike Duplicate (MW-1MSD) analysis met criteria for all compounds except for Chloride due to sample matrix interference.
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_____

Alliance TECHNICAL GROUP
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

GENERAL CHEMISTRY CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3254 MATRIX: Water

METHOD: 300.0,Cal,SM2130 B,SM2320 B,SM2540 C,SM2540 D,SM4500 N Org B or C,SM4500-NH3,SM5210 B

		NA	NO	YES
1.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
2.	Matrix Spike Duplicate Recoveries Met Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Blank Spike met requirements for all compounds. The Matrix Spike (MW-1MS) analysis met criteria for all compounds except for Chloride due to sample matrix interference. The Matrix Spike Duplicate (MW-1MSD) analysis met criteria for all compounds except for Chloride due to sample matrix interference.			
3.	Sample Duplicate Analysis Met QC Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
4.	Digestion Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3254

	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:** 10/10/2025

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LAB CHRONICLE

OrderID:	Q3254	**OrderDate:**	9/30/2025 12:37:00 PM
Client:	Lockwood, Kessler & Bartlett, Inc.	**Project:**	Ansonia Landfill 2025
Contact:	John Gerlach	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3254-01	**MW-1**	**WATER**			**09/29/25 09:45**			**09/30/25**
			Alkalinity	SM2320 B			10/06/25 13:04	
			Ammonia	SM4500-NH3		10/02/25	10/03/25 10:29	
			Anions Group1	300.0			09/30/25 13:41	
			BOD5	SM5210 B			10/01/25 09:30	
			TDS	SM2540 C			10/02/25 12:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		10/02/25	10/03/25 14:22	
			Total Nitrogen	Cal			10/03/25 14:22	
			TSS	SM2540 D			10/03/25 13:30	
			Turbidity	SM2130 B			10/01/25 09:40	
Q3254-01DL	**MW-1DL**	**WATER**			**09/29/25 09:45**			**09/30/25**
			Anions Group1	300.0			09/30/25 16:34	
Q3254-03	**MW-2**	**WATER**			**09/29/25 11:15**			**09/30/25**
			Alkalinity	SM2320 B			10/06/25 13:10	

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LAB CHRONICLE

			Ammonia	SM4500-NH3		10/02/25	10/03/25 10:29
			Anions Group1	300.0			09/30/25 14:46
			BOD5	SM5210 B			10/01/25 09:30
			TDS	SM2540 C			10/02/25 12:30
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		10/02/25	10/03/25 14:22
			Total Nitrogen	Cal			10/03/25 14:33
			TSS	SM2540 D			10/03/25 13:30
			Turbidity	SM2130 B			10/01/25 09:45
Q3254-03DL	**MW-2DL**	**WATER**			**09/29/25 11:15**		**09/30/25**
			Ammonia	SM4500-NH3		10/02/25	10/03/25 11:10
			Anions Group1	300.0			09/30/25 16:55
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		10/02/25	10/03/25 14:33
Q3254-05	**MW-3**	**WATER**			**09/29/25 12:30**		**09/30/25**
			Alkalinity	SM2320 B			10/06/25 13:14
			Ammonia	SM4500-NH3		10/02/25	10/03/25 10:29
			Anions Group1	300.0			09/30/25 15:08
			BOD5	SM5210 B			10/01/25 09:30
			TDS	SM2540 C			10/02/25 12:30

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LAB CHRONICLE

			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		10/02/25	10/03/25 14:22
			Total Nitrogen	Cal			10/03/25 14:22
			TSS	SM2540 D			10/03/25 13:30
			Turbidity	SM2130 B			10/01/25 09:47
Q3254-05DL	**MW-3DL**	**WATER**			**09/29/25 12:30**		**09/30/25**
			Ammonia	SM4500-NH3		10/02/25	10/03/25 11:10
			Anions Group1	300.0			09/30/25 18:00
Q3254-07	**MW-4**	**WATER**			**09/29/25 11:45**		**09/30/25**
			Alkalinity	SM2320 B			10/06/25 13:20
			Ammonia	SM4500-NH3		10/02/25	10/03/25 10:29
			Anions Group1	300.0			09/30/25 15:29
			BOD5	SM5210 B			10/01/25 09:30
			TDS	SM2540 C			10/02/25 12:30
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		10/02/25	10/03/25 14:22
			Total Nitrogen	Cal			10/03/25 14:38
			TSS	SM2540 D			10/03/25 13:30
			Turbidity	SM2130 B			10/01/25 09:50

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LAB CHRONICLE

Q3254-07DL	**MW-4DL**	**WATER**			**09/29/25 11:45**		**09/30/25**
			Ammonia	SM4500-NH3	10/02/25	10/03/25 11:10	
			Anions Group1	300.0		09/30/25 18:21	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	10/02/25	10/03/25 14:38	

SAMPLE DATA

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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25 09:45
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-1	SDG No.:	Q3254
Lab Sample ID:	Q3254-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	57.7		1	1.00	2.00	mg/L		10/06/25 13:04	SM 2320 B-21
Ammonia as N	0.10	U	1	0.030	0.10	mg/L	10/02/25 14:10	10/03/25 10:29	SM 4500-NH3 B plus G-21
Chloride	167	OR	1	0.19	0.60	mg/L		09/30/25 13:41	300.0
Nitrite	0.60	U	1	0.074	0.60	mg/L		09/30/25 13:41	300.0
Nitrate	3.20		1	0.095	0.50	mg/L		09/30/25 13:41	300.0
Sulfate	27.8		1	0.46	3.00	mg/L		09/30/25 13:41	300.0
Nitrate+Nitrite	3.20		1	0.17	1.10	mg/L		09/30/25 13:41	300.0
BOD5	2.00	U	1	0.20	2.00	mg/L		10/01/25 09:30	SM 5210 B-16
TDS	321		1	1.00	10.0	mg/L		10/02/25 12:30	SM 2540 C-20
TKN	0.18	J	1	0.11	0.50	mg/L	10/02/25 08:50	10/03/25 14:22	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	3.38		1	0.31	1.30	mg/L		10/03/25 14:22	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	4.00	U	1	1.00	4.00	mg/L		10/03/25 13:30	SM 2540 D-20
Turbidity	0.41	J	1	0.15	1.00	NTU		10/01/25 09:40	SM 2130 B-20

Comments: The alkalinity to pH 4.25=57.7 mg CaCO3/L

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:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25 09:45
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-1DL	SDG No.:	Q3254
Lab Sample ID:	Q3254-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	120	D	50	9.50	30.0	mg/L		09/30/25 16:34	300.0

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
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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:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25 11:15
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-2	SDG No.:	Q3254
Lab Sample ID:	Q3254-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	427		1	1.00	2.00	mg/L		10/06/25 13:10	SM 2320 B-21
Ammonia as N	11.8	OR	1	0.030	0.10	mg/L	10/02/25 14:10	10/03/25 10:29	SM 4500-NH3 B plus G-21
Chloride	551	OR	1	0.19	0.60	mg/L		09/30/25 14:46	300.0
Nitrite	0.60	U	1	0.074	0.60	mg/L		09/30/25 14:46	300.0
Nitrate	0.50	U	1	0.095	0.50	mg/L		09/30/25 14:46	300.0
Sulfate	33.0		1	0.46	3.00	mg/L		09/30/25 14:46	300.0
Nitrate+Nitrite	1.10	U	1	0.17	1.10	mg/L		09/30/25 14:46	300.0
BOD5	42.1		1	0.20	2.00	mg/L		10/01/25 09:30	SM 5210 B-16
TDS	1120		1	1.00	10.0	mg/L		10/02/25 12:30	SM 2540 C-20
TKN	10.8	OR	1	0.11	0.50	mg/L	10/02/25 08:50	10/03/25 14:22	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	10.7		1	0.31	1.30	mg/L		10/03/25 14:33	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	49.5		1	1.00	4.00	mg/L		10/03/25 13:30	SM 2540 D-20
Turbidity	146		1	0.15	1.00	NTU		10/01/25 09:45	SM 2130 B-20

Comments: The alkalinity to pH 4.44=427 mg CaCO3/L

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:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25 11:15
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-2DL	SDG No.:	Q3254
Lab Sample ID:	Q3254-03DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	11.1	D	10	0.30	1.00	mg/L	10/02/25 14:10	10/03/25 11:10	SM 4500-NH3 B plus G-21
Chloride	369	D	100	19.0	60.0	mg/L		09/30/25 16:55	300.0
TKN	10.7	D	2	0.22	1.00	mg/L	10/02/25 08:50	10/03/25 14:33	SM4500-N Org C-21 plus NH3 B plus G-21

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
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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:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25 12:30
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-3	SDG No.:	Q3254
Lab Sample ID:	Q3254-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	374		1	1.00	2.00	mg/L		10/06/25 13:14	SM 2320 B-21
Ammonia as N	4.80	OR	1	0.030	0.10	mg/L	10/02/25 14:10	10/03/25 10:29	SM 4500-NH3 B plus G-21
Chloride	384	OR	1	0.19	0.60	mg/L		09/30/25 15:08	300.0
Nitrite	0.60	U	1	0.074	0.60	mg/L		09/30/25 15:08	300.0
Nitrate	0.97		1	0.095	0.50	mg/L		09/30/25 15:08	300.0
Sulfate	28.3		1	0.46	3.00	mg/L		09/30/25 15:08	300.0
Nitrate+Nitrite	0.97	J	1	0.17	1.10	mg/L		09/30/25 15:08	300.0
BOD5	25.6		1	0.20	2.00	mg/L		10/01/25 09:30	SM 5210 B-16
TDS	875		1	1.00	10.0	mg/L		10/02/25 12:30	SM 2540 C-20
TKN	4.90		1	0.11	0.50	mg/L	10/02/25 08:50	10/03/25 14:22	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	5.87		1	0.31	1.30	mg/L		10/03/25 14:22	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	11.0		1	1.00	4.00	mg/L		10/03/25 13:30	SM 2540 D-20
Turbidity	28.9		1	0.15	1.00	NTU		10/01/25 09:47	SM 2130 B-20

Comments: The alkalinity to pH 4.22=374 mg CaCO3/L

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:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25 12:30
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-3DL	SDG No.:	Q3254
Lab Sample ID:	Q3254-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	4.60	D	5	0.15	0.50	mg/L	10/02/25 14:10	10/03/25 11:10	SM 4500-NH3 B plus G-21
Chloride	261	D	100	19.0	60.0	mg/L		09/30/25 18:00	300.0

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
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E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25 11:45
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-4	SDG No.:	Q3254
Lab Sample ID:	Q3254-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	424		1	1.00	2.00	mg/L		10/06/25 13:20	SM 2320 B-21
Ammonia as N	11.7	OR	1	0.030	0.10	mg/L	10/02/25 14:10	10/03/25 10:29	SM 4500-NH3 B plus G-21
Chloride	552	OR	1	0.19	0.60	mg/L		09/30/25 15:29	300.0
Nitrite	0.60	U	1	0.074	0.60	mg/L		09/30/25 15:29	300.0
Nitrate	0.50	U	1	0.095	0.50	mg/L		09/30/25 15:29	300.0
Sulfate	33.2		1	0.46	3.00	mg/L		09/30/25 15:29	300.0
Nitrate+Nitrite	1.10	U	1	0.17	1.10	mg/L		09/30/25 15:29	300.0
BOD5	44.5		1	0.20	2.00	mg/L		10/01/25 09:30	SM 5210 B-16
TDS	1060		1	1.00	10.0	mg/L		10/02/25 12:30	SM 2540 C-20
TKN	11.3	OR	1	0.11	0.50	mg/L	10/02/25 08:50	10/03/25 14:22	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	11.3		1	0.31	1.30	mg/L		10/03/25 14:38	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	23.3		1	1.00	4.00	mg/L		10/03/25 13:30	SM 2540 D-20
Turbidity	142		1	0.15	1.00	NTU		10/01/25 09:50	SM 2130 B-20

Comments: The alkalinity to pH 4.48=424 mg CaCO3/L

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:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25 11:45
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-4DL	SDG No.:	Q3254
Lab Sample ID:	Q3254-07DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	11.2	D	10	0.30	1.00	mg/L	10/02/25 14:10	10/03/25 11:10	SM 4500-NH3 B plus G-21
Chloride	374	D	100	19.0	60.0	mg/L		09/30/25 18:21	300.0
TKN	11.3	D	2	0.22	1.00	mg/L	10/02/25 08:50	10/03/25 14:38	SM4500-N Org C-21 plus NH3 B plus G-21

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: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q3254

Project: Ansonia Landfill 2025 **RunNo.:** LB137383

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10	10	100	90-110	09/09/2025
Chloride	mg/L	3	3	100	90-110	09/09/2025
Fluoride	mg/L	2	2	100	90-110	09/09/2025
Nitrite	mg/L	3	3	100	90-110	09/09/2025
Nitrate	mg/L	2.5	2.5	100	90-110	09/09/2025
Sulfate	mg/L	14.8	15	99	90-110	09/09/2025
Orthophosphate as P	mg/L	5	5	100	90-110	09/09/2025
Sample ID: CCV1						
Bromide	mg/L	10.5	10	105	90-110	09/30/2025
Chloride	mg/L	3.1	3	103	90-110	09/30/2025
Fluoride	mg/L	2.1	2	105	90-110	09/30/2025
Nitrite	mg/L	3.1	3	103	90-110	09/30/2025
Nitrate	mg/L	2.6	2.5	104	90-110	09/30/2025
Sulfate	mg/L	15.4	15	103	90-110	09/30/2025
Orthophosphate as P	mg/L	4.9	5	98	90-110	09/30/2025
Sample ID: CCV2						
Bromide	mg/L	10.4	10	104	90-110	09/30/2025
Chloride	mg/L	3.1	3	103	90-110	09/30/2025
Fluoride	mg/L	2.1	2	105	90-110	09/30/2025
Nitrite	mg/L	3.1	3	103	90-110	09/30/2025
Nitrate	mg/L	2.6	2.5	104	90-110	09/30/2025
Sulfate	mg/L	15.2	15	101	90-110	09/30/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	09/30/2025
Sample ID: CCV3						
Bromide	mg/L	10.4	10	104	90-110	09/30/2025
Chloride	mg/L	3.1	3	103	90-110	09/30/2025
Fluoride	mg/L	2.1	2	105	90-110	09/30/2025
Nitrite	mg/L	3.1	3	103	90-110	09/30/2025
Nitrate	mg/L	2.6	2.5	104	90-110	09/30/2025
Sulfate	mg/L	15.3	15	102	90-110	09/30/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	09/30/2025

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Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q3254

Project: Ansonia Landfill 2025 **RunNo.:** LB137384

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
Turbidity		NTU	10.846	10	108	90-110	10/01/2025
Sample ID:	CCV1						
Turbidity		NTU	10.249	10	102	90-110	10/01/2025
Sample ID:	CCV2						
Turbidity		NTU	10.747	10	107	90-110	10/01/2025

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Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q3254

Project: Ansonia Landfill 2025 **RunNo.:** LB137417

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Ammonia as N	mg/L	0.98	1	98	90-110	10/03/2025
Sample ID: CCV1						
Ammonia as N	mg/L	0.97	1	97	90-110	10/03/2025
Sample ID: CCV2						
Ammonia as N	mg/L	0.97	1	97	90-110	10/03/2025
Sample ID: CCV3						
Ammonia as N	mg/L	1	1	100	90-110	10/03/2025
Sample ID: CCV4						
Ammonia as N	mg/L	0.98	1	98	90-110	10/03/2025

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Initial and Continuing Calibration Verification

Client:	Lockwood, Kessler & Bartlett, Inc.	**SDG No.:**	Q3254
Project:	Ansonia Landfill 2025	**RunNo.:**	LB137420

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV1**						
TKN		mg/L	5.1	5	102	90-110	10/03/2025
Sample ID:	**CCV1**						
TKN		mg/L	4.9	5	98	90-110	10/03/2025
Sample ID:	**CCV2**						
TKN		mg/L	4.9	5	98	90-110	10/03/2025
Sample ID:	**CCV3**						
TKN		mg/L	4.9	5	98	90-110	10/03/2025
Sample ID:	**CCV4**						
TKN		mg/L	5.1	5	102	90-110	10/03/2025

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Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q3254

Project: Ansonia Landfill 2025 **RunNo.:** LB137383

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/09/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/09/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/09/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/09/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/09/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/09/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/09/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/30/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/30/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/30/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/30/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/30/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/30/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/30/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/30/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/30/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/30/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/30/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/30/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/30/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/30/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/30/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/30/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/30/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/30/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/30/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/30/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/30/2025

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Initial and Continuing Calibration Blank Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	**SDG No.:**	Q3254
Project:	Ansonia Landfill 2025	**RunNo.:**	LB137384

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB							
Turbidity		NTU	0.357	0.5000	J	0.15	1.0	10/01/2025
Sample ID:	CCB1							
Turbidity		NTU	0.351	0.5000	J	0.15	1	10/01/2025
Sample ID:	CCB2							
Turbidity		NTU	0.350	0.5000	J	0.15	1	10/01/2025

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Initial and Continuing Calibration Blank Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	**SDG No.:**	Q3254
Project:	Ansonia Landfill 2025	**RunNo.:**	LB137417

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/03/2025
Sample ID: CCB1							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/03/2025
Sample ID: CCB2							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/03/2025
Sample ID: CCB3							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/03/2025
Sample ID: CCB4							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/03/2025

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Initial and Continuing Calibration Blank Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	**SDG No.:**	Q3254
Project:	Ansonia Landfill 2025	**RunNo.:**	LB137420

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
TKN		mg/L	0.14	0.2500	J	0.11	0.5	10/03/2025
Sample ID:	CCB1							
TKN		mg/L	0.14	0.2500	J	0.11	0.5	10/03/2025
Sample ID:	CCB2							
TKN		mg/L	0.14	0.2500	J	0.11	0.5	10/03/2025
Sample ID:	CCB3							
TKN		mg/L	0.13	0.2500	J	0.11	0.5	10/03/2025
Sample ID:	CCB4							
TKN		mg/L	0.13	0.2500	J	0.11	0.5	10/03/2025

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Preparation Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q3254

Project: Ansonia Landfill 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137381BL							
BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	10/01/2025
Sample ID: LB137383BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/30/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/30/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/30/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/30/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/30/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/30/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/30/2025
Sample ID: LB137384BL							
Turbidity	NTU	0.34	0.5000	J	0.15	1.0	10/01/2025
Sample ID: LB137393BL							
TDS	mg/L	< 5.0000	5.0000	U	1.0	10	10/02/2025
Sample ID: LB137419BL							
TSS	mg/L	1	2.0000	J	1	4	10/03/2025
Sample ID: LB137431BLW							
Alkalinity	mg/L	< 1.0000	1.0000	U	1	2	10/06/2025
Sample ID: PB169946BL							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.03	0.1	10/03/2025
Sample ID: PB169955BL							
TKN	mg/L	0.13	0.2500	J	0.11	0.5	10/03/2025

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Matrix Spike Summary

Client: Lockwood, Kessler & Bartlett, Inc.
SDG No.: Q3254
Project: Ansonia Landfill 2025
Sample ID: Q3254-01
Client ID: MW-1MS
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
Bromide	mg/L	80-120	9.50		0.37	U	10	1	95		09/30/2025
Chloride	mg/L	80-120	162	OR	167	OR	3	1	-167	*	09/30/2025
Fluoride	mg/L	80-120	2.00		0.11	U	2	1	100		09/30/2025
Nitrite	mg/L	80-120	2.80		0.074	U	3	1	93		09/30/2025
Nitrate	mg/L	80-120	5.40		3.20		2.5	1	88		09/30/2025
Sulfate	mg/L	80-120	41.0	OR	27.8		15	1	88		09/30/2025
Orthophosphate as P	mg/L	80-120	0.34	U	0.34	U	5	1	0	*	09/30/2025

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Matrix Spike Summary

Client: Lockwood, Kessler & Bartlett, Inc.
SDG No.: Q3254
Project: Ansonia Landfill 2025
Sample ID: Q3254-01
Client ID: MW-1MSD
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
Bromide	mg/L	80-120	9.90		0.37	U	10	1	99		09/30/2025
Chloride	mg/L	80-120	162	OR	167	OR	3	1	-167	*	09/30/2025
Fluoride	mg/L	80-120	2.10		0.11	U	2	1	105		09/30/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		09/30/2025
Nitrate	mg/L	80-120	5.50		3.20		2.5	1	92		09/30/2025
Sulfate	mg/L	80-120	41.6	OR	27.8		15	1	92		09/30/2025
Orthophosphate as P	mg/L	80-120	0.34	U	0.34	U	5	1	0	*	09/30/2025

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Matrix Spike Summary

Client: Lockwood, Kessler & Bartlett, Inc.
SDG No.: Q3254
Project: Ansonia Landfill 2025
Sample ID: Q3263-02
Client ID: 266380MS
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
Ammonia as N	mg/L	75-125	1.00		0.030	U	1	1	100		10/03/2025
TKN	mg/L	75-125	5.30		0.30	J	5	1	100		10/03/2025

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Matrix Spike Summary

Client: Lockwood, Kessler & Bartlett, Inc.
SDG No.: Q3254
Project: Ansonia Landfill 2025
Sample ID: Q3263-02
Client ID: 266380MSD
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
Ammonia as N	mg/L	75-125	1.00		0.030	U	1	1	100		10/03/2025
TKN	mg/L	75-125	5.40		0.30	J	5	1	102		10/03/2025

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Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.
SDG No.: Q3254
Project: Ansonia Landfill 2025
Sample ID: Q3202-01
Client ID: SY-6DUP
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
Alkalinity	mg/L	+/-20	97.2		96.1		1	1		10/06/2025

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Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.
SDG No.: Q3254
Project: Ansonia Landfill 2025
Sample ID: Q3254-01
Client ID: MW-1DUP
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
BOD5	mg/L	+/-20	0.20	U	0.20	U	1	0		10/01/2025
Turbidity	NTU	+/-20	0.41	J	0.41	J	1	1.22		10/01/2025

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Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.
SDG No.: Q3254
Project: Ansonia Landfill 2025
Sample ID: Q3254-01
Client ID: MW-1MSD
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
Chloride	mg/L	+/-20	162	OR	162	OR	1	0		09/30/2025
Orthophosphate as P	mg/L	+/-20	0.34	U	0.34	U	1	0		09/30/2025
Sulfate	mg/L	+/-20	41.0	OR	41.6	OR	1	1		09/30/2025
Nitrate	mg/L	+/-20	5.40		5.50		1	2		09/30/2025
Bromide	mg/L	+/-20	9.50		9.90		1	4		09/30/2025
Nitrite	mg/L	+/-20	2.80		2.90		1	4		09/30/2025
Fluoride	mg/L	+/-20	2.00		2.10		1	5		09/30/2025

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Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.
SDG No.: Q3254
Project: Ansonia Landfill 2025
Sample ID: Q3254-07
Client ID: MW-4DUP
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
TDS	mg/L	+/-5	1060		1090		1	2.79		10/02/2025

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Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.
SDG No.: Q3254
Project: Ansonia Landfill 2025
Sample ID: Q3260-02
Client ID: COMPDUP
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
TSS	mg/L	+/-5	481		480		1	0.21		10/03/2025

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

Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.
SDG No.: Q3254
Project: Ansonia Landfill 2025
Sample ID: Q3263-02
Client ID: 266380DUP
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
Ammonia as N	mg/L	+/-20	0.030	U	0.030	U	1	0		10/03/2025
TKN	mg/L	+/-20	0.30	J	0.30	J	1	0		10/03/2025

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

Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.
SDG No.: Q3254
Project: Ansonia Landfill 2025
Sample ID: Q3263-02
Client ID: 266380MSD
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
Ammonia as N	mg/L	+/-20	1.00		1.00		1	0		10/03/2025
TKN	mg/L	+/-20	5.30		5.40		1	2		10/03/2025

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

Laboratory Control Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	**SDG No.:**	Q3254
Project:	Ansonia Landfill 2025	**Run No.:**	LB137381

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137381BS								
BOD5	mg/L	198	183		92	1	84.6-115.4	10/01/2025

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Fax : 908 789 8922

Laboratory Control Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	**SDG No.:**	Q3254
Project:	Ansonia Landfill 2025	**Run No.:**	LB137383

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137383BSW								
Bromide	mg/L	10	10.5		105	1	90-110	09/30/2025
Chloride	mg/L	3	3.10		103	1	90-110	09/30/2025
Fluoride	mg/L	2	2.10		105	1	90-110	09/30/2025
Nitrite	mg/L	3	3.10		103	1	90-110	09/30/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	09/30/2025
Sulfate	mg/L	15	15.4		103	1	90-110	09/30/2025
Orthophosphate as P	mg/L	5	5.00		100	1	90-110	09/30/2025

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Fax : 908 789 8922

Laboratory Control Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	**SDG No.:**	Q3254
Project:	Ansonia Landfill 2025	**Run No.:**	LB137393

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137393BS								
TDS	mg/L	100	95.0		95	1	90-110	10/02/2025

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Fax : 908 789 8922

Laboratory Control Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	**SDG No.:**	Q3254
Project:	Ansonia Landfill 2025	**Run No.:**	LB137419

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137419BS								
TSS	mg/L	550	532		97	1	90-110	10/03/2025

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

Laboratory Control Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	**SDG No.:**	Q3254
Project:	Ansonia Landfill 2025	**Run No.:**	LB137431

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137431BSW								
Alkalinity	mg/L	50	46.8		94	1	80-120	10/06/2025

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Fax : 908 789 8922

Laboratory Control Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	**SDG No.:**	Q3254
Project:	Ansonia Landfill 2025	**Run No.:**	LB137417

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB169946BS								
Ammonia as N	mg/L	1	1.00		100	1	90-110	10/03/2025

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

Laboratory Control Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	**SDG No.:**	Q3254
Project:	Ansonia Landfill 2025	**Run No.:**	LB137420

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID **PB169955BS**								
TKN	mg/L	5	5.10		102	1	90-110	10/03/2025

RAW DATA

Reviewed By:Iwona
On:10/6/2025 1:46:06 PM
Inst Id :DO METER
LB :LB137381

BOD5 LOG

ANALYST: rubir
SUPERVISOR: Iwona

QC BATCH ID: LB137381
Analysis Date: 10/01/2025
BOD Water: WP114992
MANGANOUS SULFATE SOLUTION: W3103
Starch: W3149
Alkaline Iodide Azide: W3109
Sulfuric acid, 1N: WP112832
Sodium Thiosulfate, 0.025N: W3105
POLYSEED: WP114994
NaOH, 1N: WP113878
GGA: WP114993
IncubatorID: INCUBATOR #3
Chlorine Strips: W3155
GuageID: 0511064
pH Strips: W3215
Zero DO: WP114920

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading(ML)	Final Reading(ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.6	9.6	9.6
WINKLER 2	WINKLER 2	2	300	9.8	19.4	9.6	9.6

Meter Calibration1: 9.45 Zero DO Reading1: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure1: 765 mmHg DO Meter BOD fluid reading for winkler comparison: 9.67

After Incubation

Meter Calibration2: 8.34 Zero DO Reading2: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

Alliance TECHNICAL GROUP

QC BATCH ID: LB137381

INCUBATOR TEMP IN(C): 19.8

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 09:30

TIME OUT: 10:00

DATE IN: 10/01/2025

DATE OUT: 10/06/2025

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB137381BL	1	No	9.65	N/A	20.80	300	9.66	9.64	0.02	0.02	0.02	
POLYSEED	1					10	9.62	6.25	3.37	0.67	0.67	
POLYSEED	2					15	9.60	4.53	5.07	0.68		
POLYSEED	3					20	9.57	2.99	6.58	0.66		
GGA	1					6	9.60	5.39	4.21	177	182.5	
GGA	2					6	9.59	5.25	4.34	183.5		
GGA	3					6	9.60	5.19	4.41	187		
Q3254-01	1	No	6.23	6.84	20.00	5	9.57	8.85	-	0		pH Adjuste
Q3254-01	2					20	9.54	8.62	-	0		
Q3254-01	3					50	9.49	8.45	-	0		
Q3254-01	4					150	9.47	8.02	-	0		
Q3254-01DUP	1	No	6.23	6.84	20.00	5	9.57	8.89	-	0		pH Adjuste
Q3254-01DUP	2					20	9.53	8.70	-	0		
Q3254-01DUP	3					50	9.48	8.29	-	0		
Q3254-01DUP	4					150	9.45	8.11	-	0		
Q3254-03	1	No	6.68	N/A	20.00	5	9.47	8.69	-	0	42.12	
Q3254-03	2					20	9.42	6.13	3.29	39.3		
Q3254-03	3					50	9.22	1.06	8.16	44.94		
Q3254-03	4					150	8.39	0.36	-	0		
Q3254-05	1	No	6.77	N/A	20.00	5	9.49	7.63	-	0	25.65	
Q3254-05	2					20	9.45	6.84	2.61	29.1		
Q3254-05	3					50	9.41	5.04	4.37	22.2		
Q3254-05	4					150	9.16	0.66	-	0		
Q3254-07	1	No	6.72	N/A	20.00	5	9.44	7.46	-	0	44.55	
Q3254-07	2					20	9.36	5.35	4.01	50.1		
Q3254-07	3					50	9.22	2.05	7.17	39		
Q3254-07	4					150	8.63	0.12	-	0		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

NOTE (For, CBOD5): 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

lb137381

WorkList Name : bod5-9-30 **WorkList ID :** 192198 **Department :** Wet-Chemistry **Date :** 09-30-2025 16:35:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3254-01	MW-1	Water	BOD5	Cool 4 deg C	LOCK01	D31	09/29/2025	SM5210 B
Q3254-03	MW-2	Water	BOD5	Cool 4 deg C	LOCK01	D31	09/29/2025	SM5210 B
Q3254-05	MW-3	Water	BOD5	Cool 4 deg C	LOCK01	D31	09/29/2025	SM5210 B
Q3254-07	MW-4	Water	BOD5	Cool 4 deg C	LOCK01	D31	09/29/2025	SM5210 B

Date/Time 10/01/2025 07:30
Raw Sample Received by: RM (COC)
Raw Sample Relinquished by: [illegible] (COC)

Date/Time 10/01/2025 10:00
Raw Sample Received by: [illegible] (COC)
Raw Sample Relinquished by: RM (COC)

Instrument IC-1 Analyst : RM Method: 300.0 / 9056A

Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method name	date time	Initial	Analyst
STD1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/9/2025 10:21	10	RM/IZ
STD2	0.423	0.641	0.632	2.091	0.529	1.063	3.237	IC1-090925	9/9/2025 10:42	10	RM/IZ
STD3	0.794	1.189	1.197	3.984	0.997	2.006	6.010	IC1-090925	9/9/2025 11:25	10	RM/IZ
STD4	0.990	1.475	1.473	4.920	1.228	2.461	7.371	IC1-090925	9/9/2025 11:47	10	RM/IZ
STD5	2.008	3.012	3.027	10.105	2.514	4.978	15.047	IC1-090925	9/9/2025 13:36	10	RM/IZ
STD6	3.935	5.921	5.894	19.658	4.924	9.905	29.203	IC1-090925	9/9/2025 13:58	10	RM/IZ
STD7	5.050	7.561	7.577	25.243	6.308	12.587	37.633	IC1-090925	9/9/2025 14:41	10	RM/IZ
ICV	2.001	2.995	2.988	9.985	2.483	5.041	14.797	IC1-090925	9/9/2025 15:02	10	RM/IZ
ICB	0.000	0.063	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/9/2025 15:45	10	RM/IZ
CCV	2.067	3.130	3.129	10.485	2.586	4.853	15.356	IC1-090925	9/30/2025 11:13	10	RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/30/2025 11:34	10	RM/IZ
LB137383BLW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/30/2025 11:56	10	RM/IZ
LB137383BSW	2.086	3.121	3.125	10.502	2.597	5.015	15.420	IC1-090925	9/30/2025 12:17	10	RM/IZ
Q3254-01	0.095	166.573	0.000	0.000	3.228	0.000	27.763	IC1-090925	9/30/2025 13:41	10	RM/IZ
Q3254-01MS	1.988	161.834	2.821	9.511	5.398	0.000	40.983	IC1-090925	9/30/2025 14:03	10	RM/IZ
Q3254-01MSD	2.092	161.643	2.949	9.939	5.508	0.000	41.610	IC1-090925	9/30/2025 14:24	10	RM/IZ
Q3254-03	0.221	551.450	0.000	0.530	0.000	0.000	33.048	IC1-090925	9/30/2025 14:46	10	RM/IZ
Q3254-05	0.202	384.425	0.000	0.324	0.970	0.000	28.280	IC1-090925	9/30/2025 15:08	10	RM/IZ
Q3254-07	0.222	551.586	0.000	0.529	0.000	0.000	33.228	IC1-090925	9/30/2025 15:29	10	RM/IZ
CCV	2.071	3.081	3.098	10.391	2.562	5.273	15.243	IC1-090925	9/30/2025 15:51	10	RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/30/2025 16:12	10	RM/IZ
Q3254-01DLX50	0.000	2.396	0.000	0.000	0.101	0.000	0.908	IC1-090925	9/30/2025 16:34	10	RM/IZ
Q3254-03DLX100	0.000	3.687	0.000	0.000	0.000	0.000	0.791	IC1-090925	9/30/2025 16:55	10	RM/IZ
Q3254-05DLX100	0.000	2.613	0.000	0.000	0.000	0.000	0.707	IC1-090925	9/30/2025 18:00	10	RM/IZ
Q3254-07DLX100	0.000	3.741	0.000	0.000	0.000	0.000	0.774	IC1-090925	9/30/2025 18:21	10	RM/IZ
CCV	2.070	3.087	3.099	10.400	2.560	5.225	15.261	IC1-090925	9/30/2025 19:04	10	RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/30/2025 19:26	10	RM/IZ

Clear table

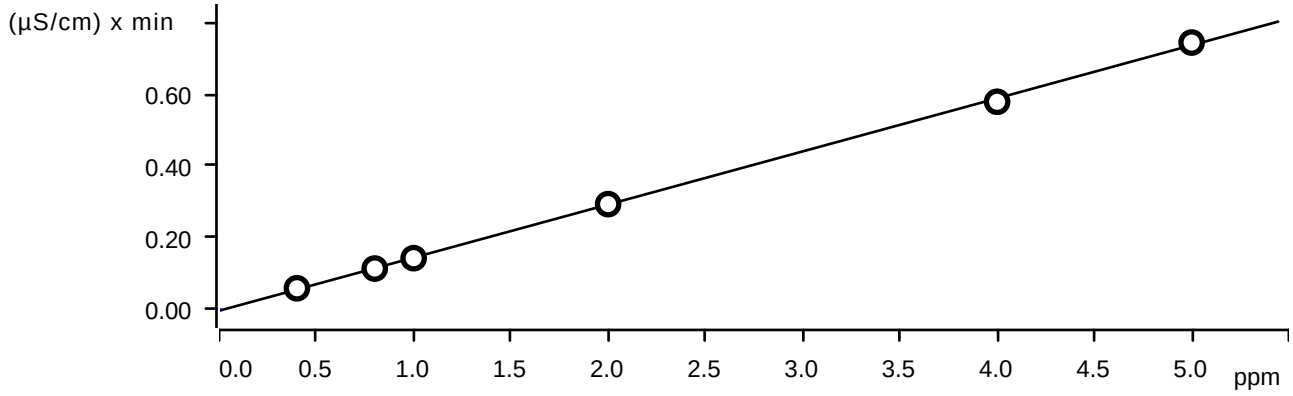
Instrument ID: IC-2 Analyst : IZ Method: 300.0 / 9056A

ident	concentration F-	concentration CL-	concentration NO2	concentration BR-	concentration NO3	concentration HPO4	concentration SO4	file name	date time	Initial wt/ Final	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-090925	9/9/2025 10:21	10	RM/IZ
STD2	0.4230	0.6410	0.6320	2.0910	0.5290	1.0630	3.2370	IC1-090925	9/9/2025 10:42	10	RM/IZ
STD3	0.7940	1.1890	1.1970	3.9840	0.9970	2.0060	6.0100	IC1-090925	9/9/2025 11:25	10	RM/IZ
STD4	0.9900	1.4750	1.4730	4.9200	1.2280	2.4610	7.3710	IC1-090925	9/9/2025 11:47	10	RM/IZ
STD5	2.0080	3.0120	3.0270	10.1050	2.5140	4.9780	15.0470	IC1-090925	9/9/2025 13:36	10	RM/IZ
STD6	3.9350	5.9210	5.8940	19.6580	4.9240	9.9050	29.2030	IC1-090925	9/9/2025 13:58	10	RM/IZ
STD7	5.0500	7.5610	7.5770	25.2430	6.3080	12.5870	37.6330	IC1-090925	9/9/2025 14:41	10	RM/IZ

ident	True Value F-	True Value CL-	True Value NO2	True Value BR-	True Value NO3	True Value HPO4	True Value SO4
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
STD2	0.4000	0.6000	0.6000	2.0000	0.5000	1.0000	3.0000
STD3	0.8000	1.2000	1.2000	4.0000	1.0000	2.0000	6.0000
STD4	1.0000	1.5000	1.5000	5.0000	1.2500	2.5000	7.5000
STD5	2.0000	3.0000	3.0000	10.0000	2.5000	5.0000	15.0000
STD6	4.0000	6.0000	6.0000	20.0000	5.0000	10.0000	30.0000
STD7	5.0000	7.5000	7.5000	25.0000	6.2500	12.5000	37.0000

ident	Relative Error F-	Relative Error CL-	Relative Error NO2	Relative Error BR-	Relative Error NO3	Relative Error HPO4	Relative Error SO4
STD1							
STD2	5.7500	6.8333	5.3333	4.5500	5.8000	6.3000	7.9000
STD3	-0.7500	-0.9167	-0.2500	-0.4000	-0.3000	0.3000	0.1667
STD4	-1.0000	-1.6667	-1.8000	-1.6000	-1.7600	-1.5600	-1.7200
STD5	0.4000	0.4000	0.9000	1.0500	0.5600	-0.4400	0.3133
STD6	-1.6250	-1.3167	-1.7667	-1.7100	-1.5200	-0.9500	-2.6567
STD7	1.0000	0.8133	1.0267	0.9720	0.9280	0.6960	1.7108

Fluoride (Anions)



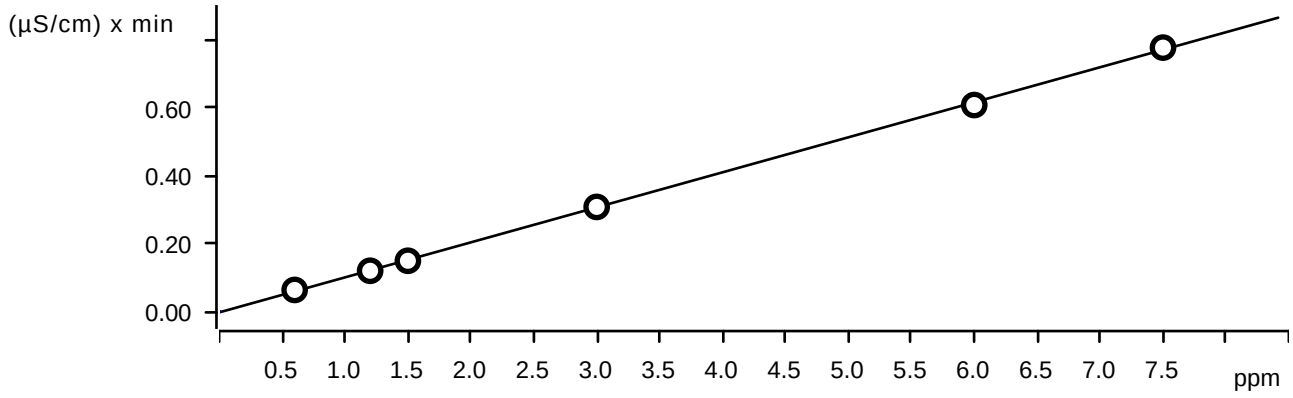
Function: . . . . . *A = - 3.91674E-3 + 0.0148053× Q*

Relative standard deviation . . . . . *1.985504 %*

Correlation coefficient *0.999790*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.059	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.114	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.143	STD4	2025-09-09 11:47:10 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.293	STD5	2025-09-09 13:36:36 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.579	STD6	2025-09-09 13:58:07 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.744	STD7	2025-09-09 14:41:06 UTC-4	used

Chloride (Anions)



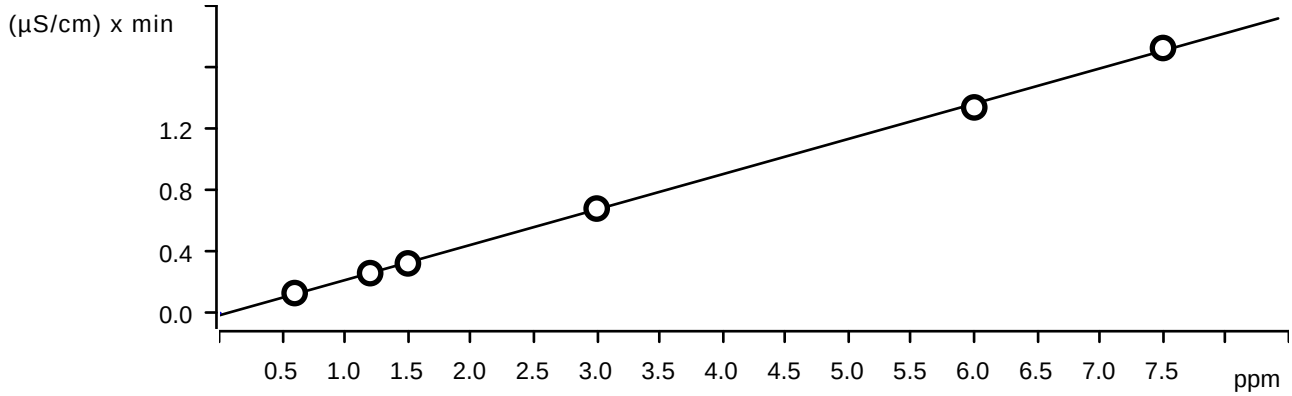
Function: . . . . . *A = - 2.97735E-3 + 0.0103068× Q*

Relative standard deviation . . . . . *1.712968 %*

Correlation coefficient *0.999843*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.063	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.120	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.149	STD4	2025-09-09 11:47:10 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.307	STD5	2025-09-09 13:36:36 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.607	STD6	2025-09-09 13:58:07 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.776	STD7	2025-09-09 14:41:06 UTC-4	used

Nitrite (Anions)



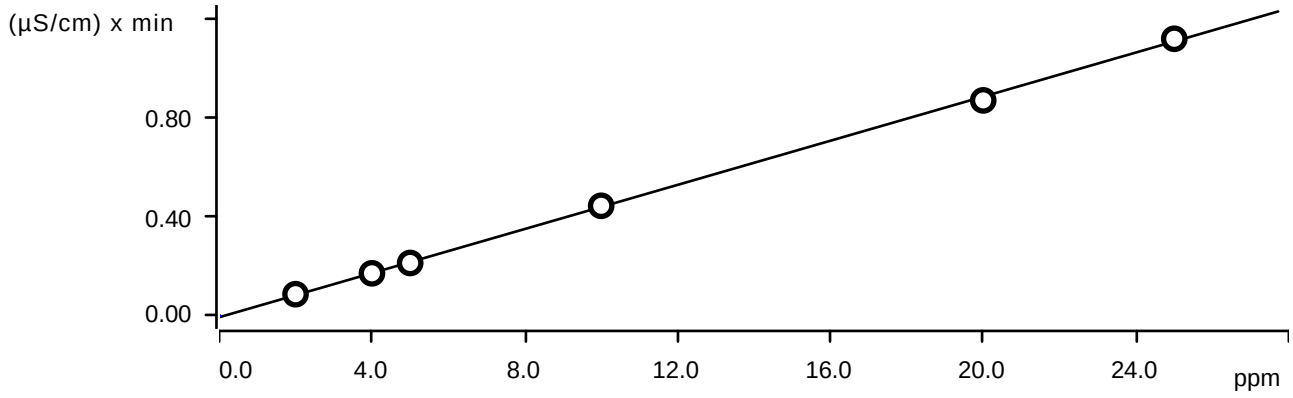
Function: . . . . . *A = - 0.0143669 + 0.0229543× Q*

Relative standard deviation . . . . . *2.170764 %*

Correlation coefficient *0.999753*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.131	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.260	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.324	STD4	2025-09-09 11:47:10 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.681	STD5	2025-09-09 13:36:36 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.339	STD6	2025-09-09 13:58:07 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.725	STD7	2025-09-09 14:41:06 UTC-4	used

Bromide (Anions)



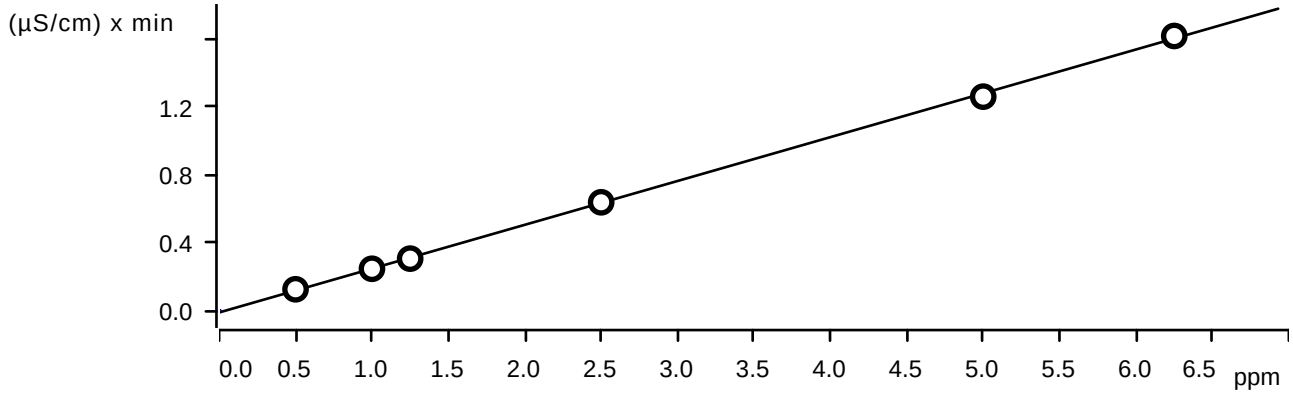
Function: . . . . . *A = - 5.68247E-3 + 4.44287E-3× Q*

Relative standard deviation . . . . . *2.066849 %*

Correlation coefficient *0.999773*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.087	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.171	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.213	STD4	2025-09-09 11:47:10 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.443	STD5	2025-09-09 13:36:36 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.868	STD6	2025-09-09 13:58:07 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.116	STD7	2025-09-09 14:41:06 UTC-4	used

Nitrate (Anions)



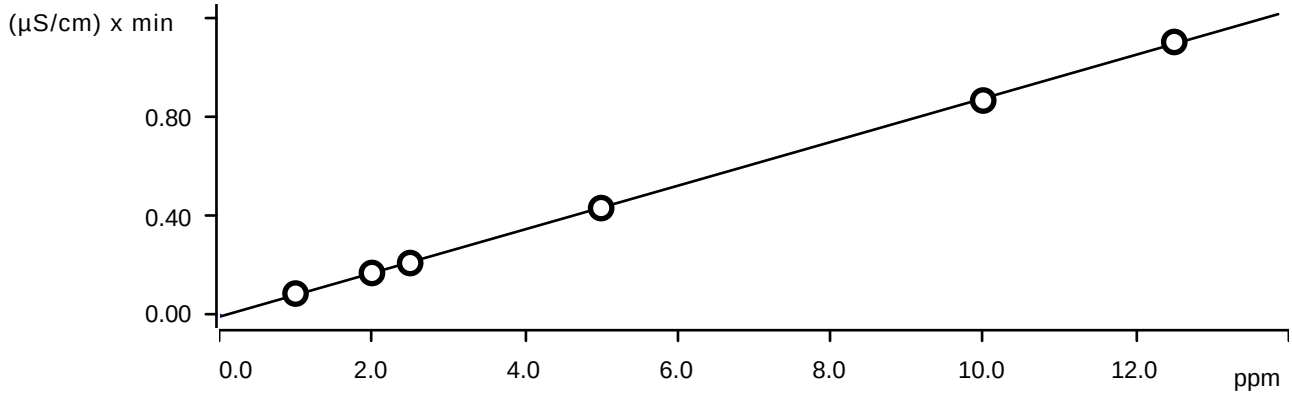
Function: . . . . . *A = - 0.0122982 + 0.0258010× Q*

Relative standard deviation . . . . . *1.914251 %*

Correlation coefficient *0.999807*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.124	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.245	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.305	STD4	2025-09-09 11:47:10 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.636	STD5	2025-09-09 13:36:36 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.258	STD6	2025-09-09 13:58:07 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.615	STD7	2025-09-09 14:41:06 UTC-4	used

Phosphate (Anions)



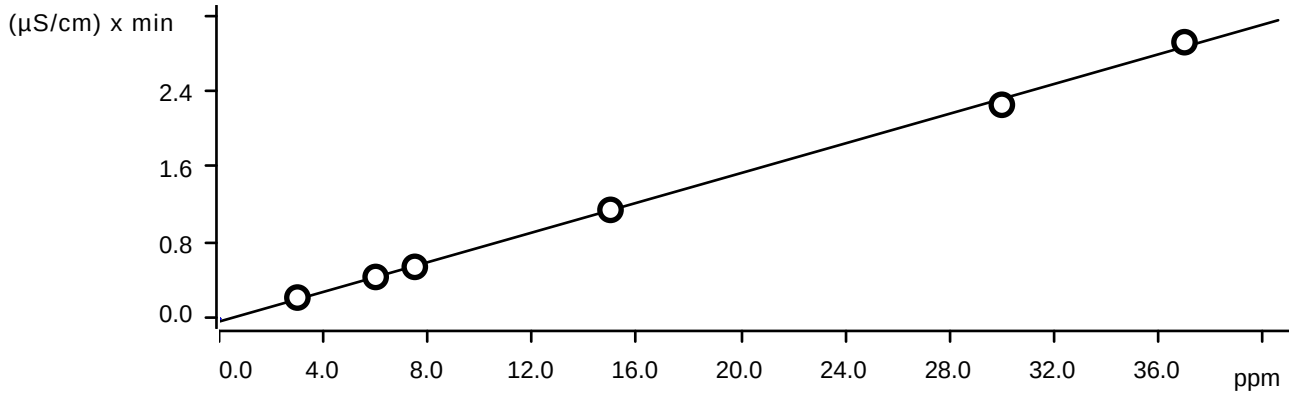
Function: . . . . . *A = - 6.72192E-3 + 8.79335E-3× Q*

Relative standard deviation . . . . . *1.384046 %*

Correlation coefficient *0.999898*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.087	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.170	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.210	STD4	2025-09-09 11:47:10 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.431	STD5	2025-09-09 13:36:36 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.864	STD6	2025-09-09 13:58:07 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.100	STD7	2025-09-09 14:41:06 UTC-4	used

Sulfate (Anions)



Function: . . . . . *A = - 0.0295615 + 7.81954E-3× Q*

Relative standard deviation . . . . . *3.285067 %*

Correlation coefficient *0.999433*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.224	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.440	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 4	1	7.500	10.0	1.0	1.0	0.547	STD4	2025-09-09 11:47:10 UTC-4	used
Standard 5	1	15.000	10.0	1.0	1.0	1.147	STD5	2025-09-09 13:36:36 UTC-4	used
Standard 6	1	30.000	10.0	1.0	1.0	2.254	STD6	2025-09-09 13:58:07 UTC-4	used
Standard 7	1	37.000	10.0	1.0	1.0	2.913	STD7	2025-09-09 14:41:06 UTC-4	used

Reviewed By:Iwon
On:10/6/2025 1:56 PM
Inst Id :IC-1
LB :LB137383

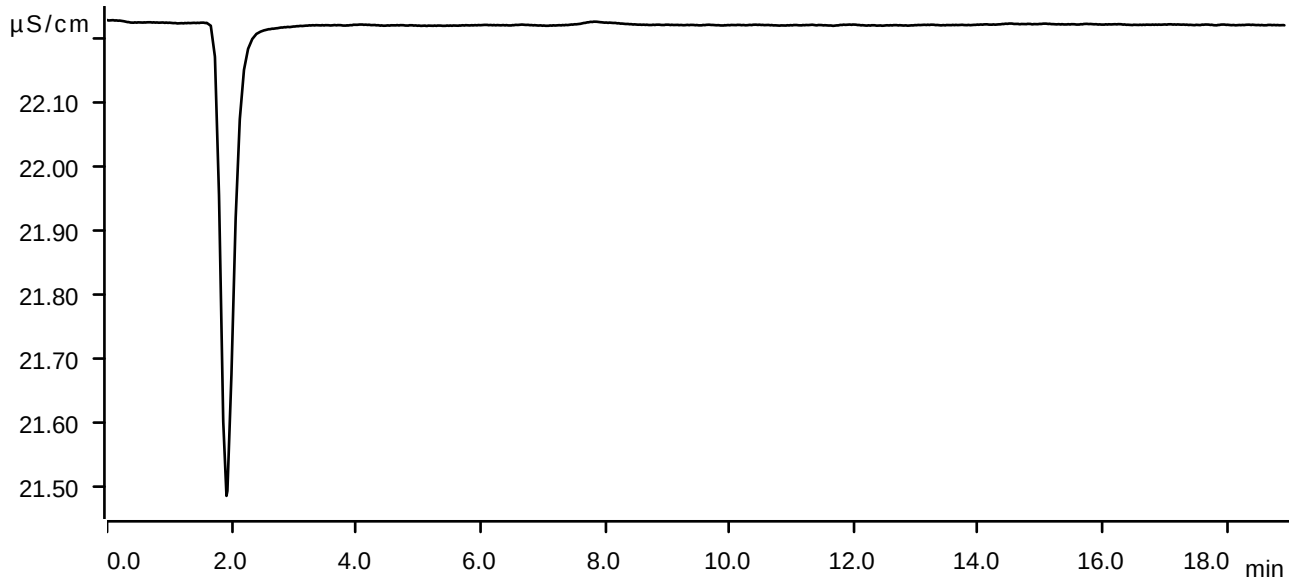
Sample data

Ident	STD1
Sample type	Standard 1
Determination start	2025-09-09 10:21:26 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.06	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



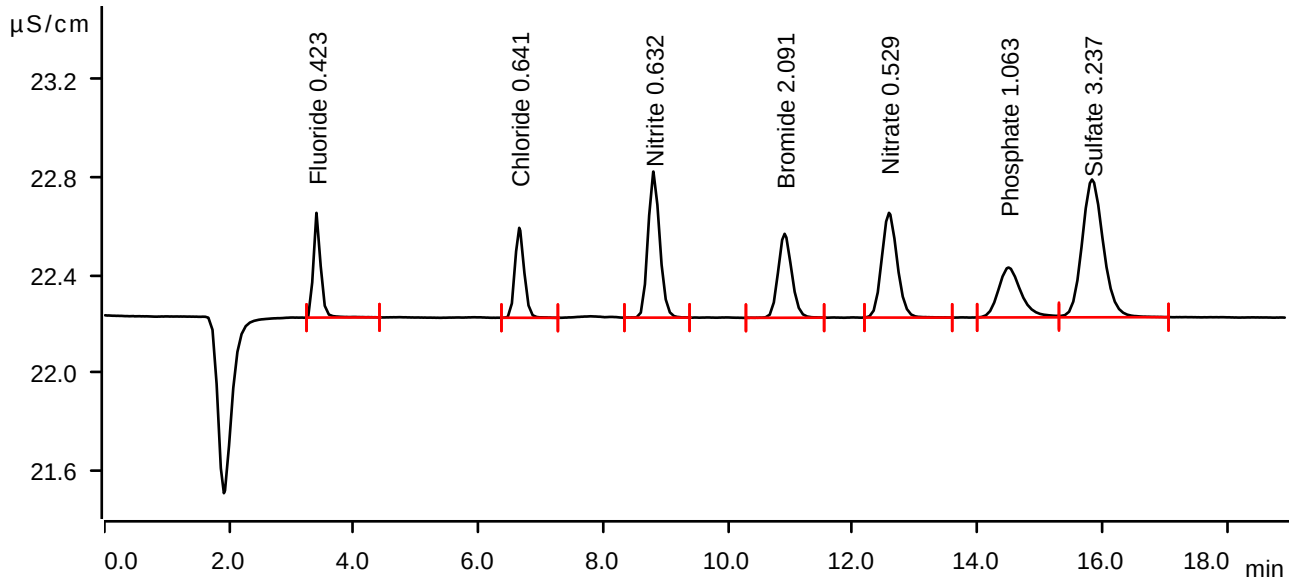
Sample data

Ident	STD2
Sample type	Standard 2
Determination start	2025-09-09 10:42:49 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.84	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.400	0.0587	0.429	0.423	Fluoride
2	6.652	0.0631	0.369	0.641	Chloride
3	8.803	0.1306	0.599	0.632	Nitrite
4	10.907	0.0872	0.344	2.091	Bromide
5	12.580	0.1242	0.430	0.529	Nitrate
6	14.497	0.0867	0.205	1.063	Phosphate
7	15.835	0.2236	0.565	3.237	Sulfate

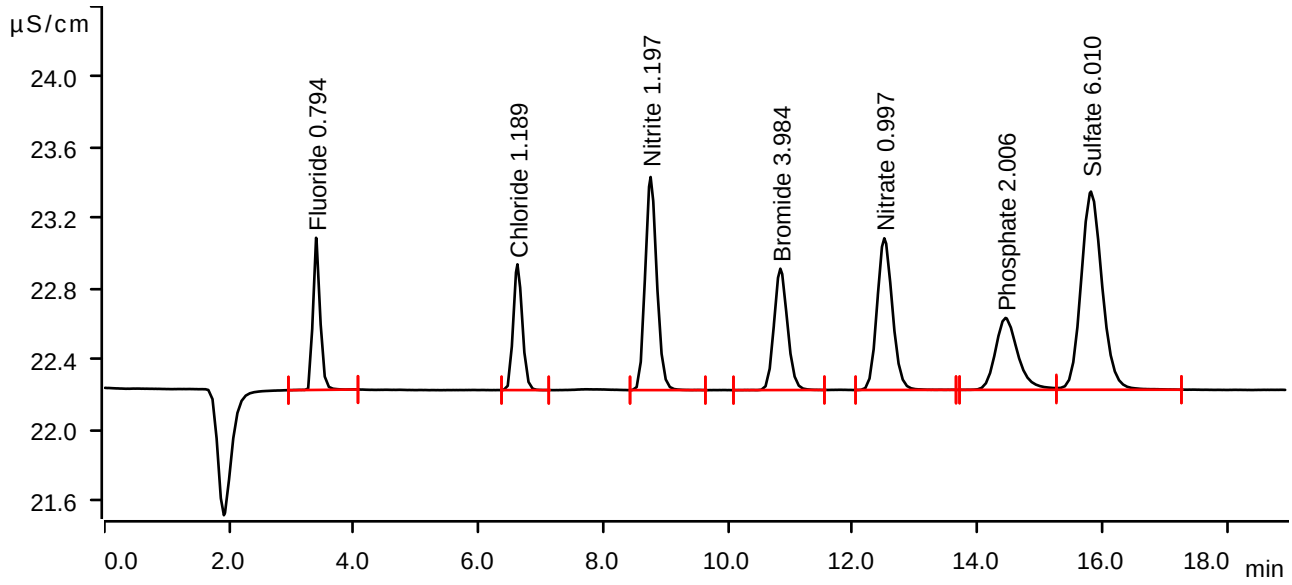
Sample data

Ident	STD3
Sample type	Standard 3
Determination start	2025-09-09 11:25:44 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.67	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.395	0.1137	0.861	0.794	Fluoride
2	6.623	0.1196	0.712	1.189	Chloride
3	8.758	0.2603	1.206	1.197	Nitrite
4	10.838	0.1713	0.687	3.984	Bromide
5	12.505	0.2450	0.859	0.997	Nitrate
6	14.448	0.1697	0.407	2.006	Phosphate
7	15.818	0.4404	1.122	6.010	Sulfate

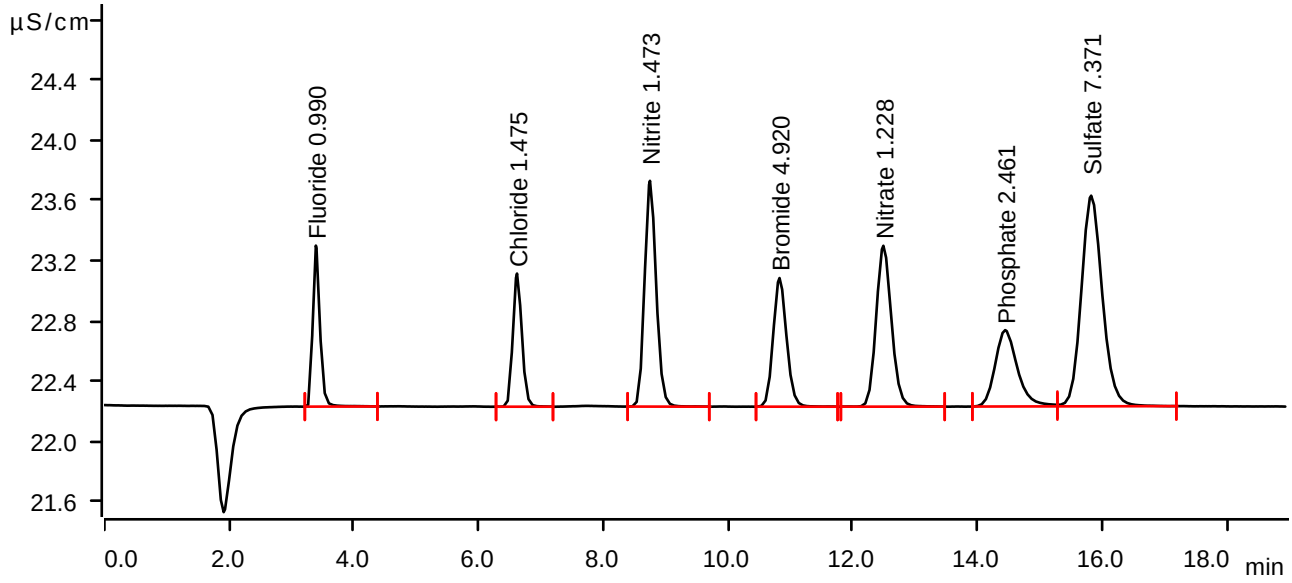
Sample data

Ident	STD4
Sample type	Standard 4
Determination start	2025-09-09 11:47:10 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.61	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.392	0.1426	1.068	0.990	Fluoride
2	6.617	0.1490	0.884	1.475	Chloride
3	8.748	0.3238	1.499	1.473	Nitrite
4	10.825	0.2129	0.854	4.920	Bromide
5	12.490	0.3046	1.068	1.228	Nitrate
6	14.443	0.2097	0.507	2.461	Phosphate
7	15.822	0.5468	1.398	7.371	Sulfate

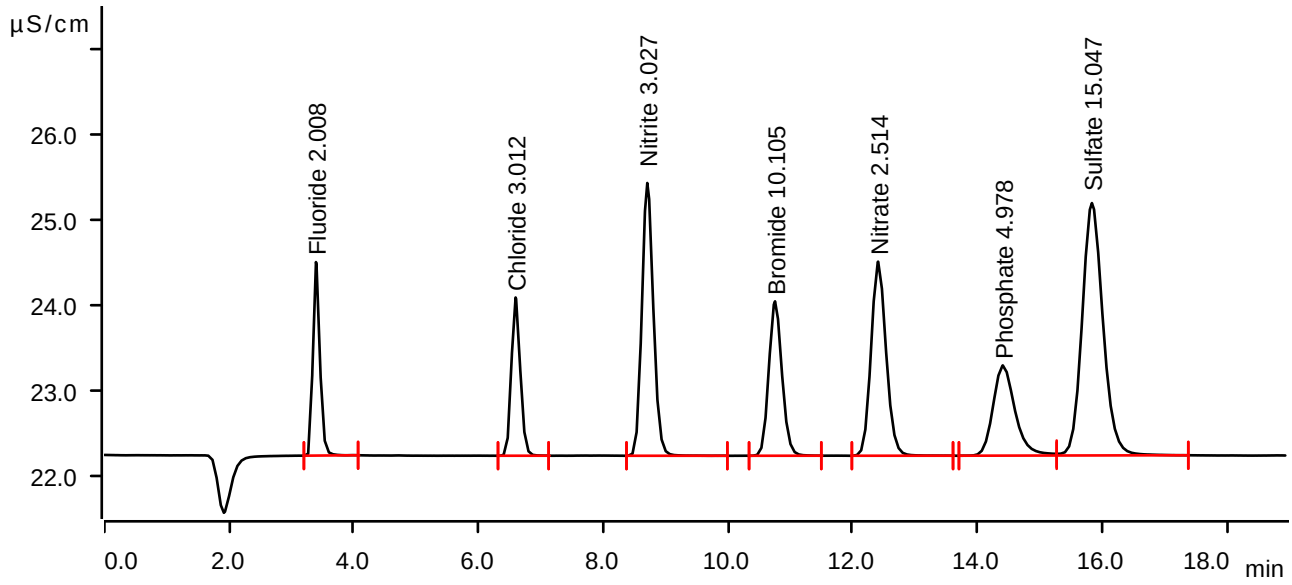
Sample data

Ident	STD5
Sample type	Standard 5
Determination start	2025-09-09 13:36:36 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.50	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.393	0.2933	2.266	2.008	Fluoride
2	6.593	0.3075	1.854	3.012	Chloride
3	8.705	0.6805	3.195	3.027	Nitrite
4	10.753	0.4432	1.809	10.105	Bromide
5	12.407	0.6363	2.273	2.514	Nitrate
6	14.405	0.4310	1.057	4.978	Phosphate
7	15.833	1.1470	2.956	15.047	Sulfate

Reviewed By:Iwon
On:10/6/2025 1:56 PM
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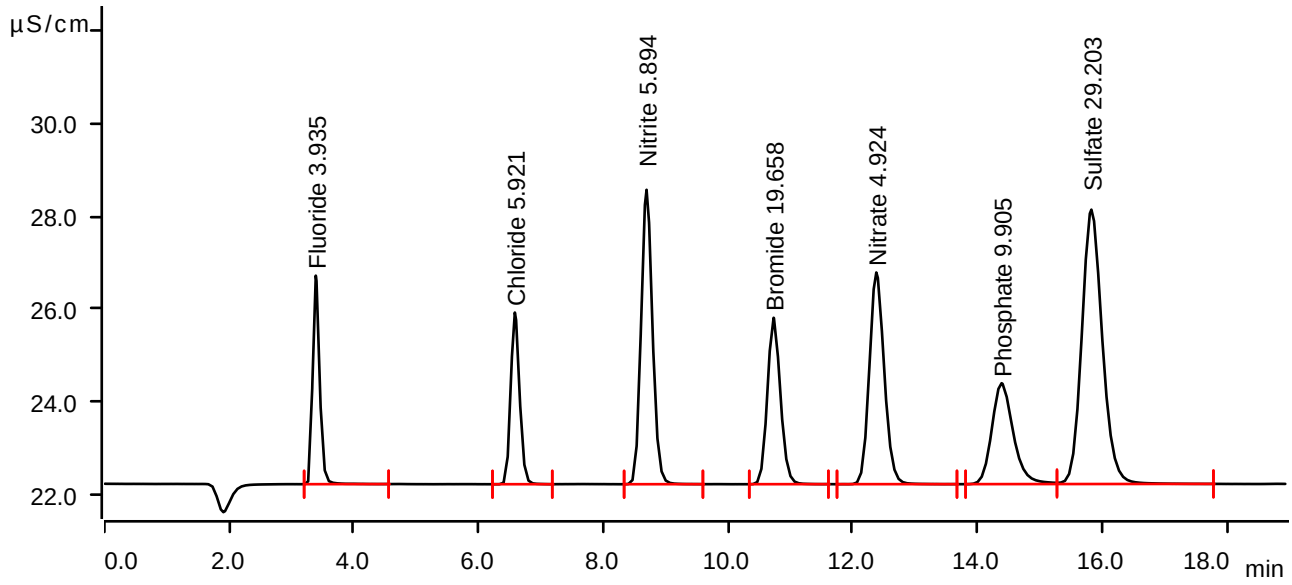
Sample data

Ident	STD6
Sample type	Standard 6
Determination start	2025-09-09 13:58:07 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.44	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.390	0.5787	4.477	3.935	Fluoride
2	6.582	0.6073	3.687	5.921	Chloride
3	8.693	1.3385	6.323	5.894	Nitrite
4	10.730	0.8677	3.574	19.658	Bromide
5	12.377	1.2581	4.546	4.924	Nitrate
6	14.385	0.8642	2.167	9.905	Phosphate
7	15.825	2.2540	5.893	29.203	Sulfate

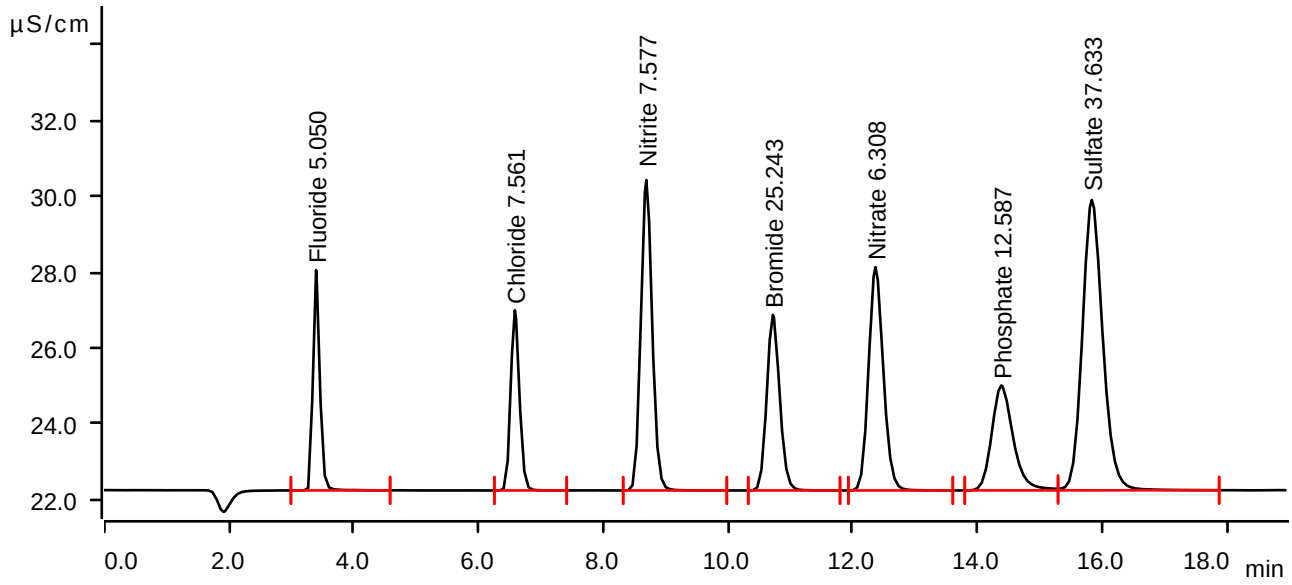
Sample data

Ident	STD7
Sample type	Standard 7
Determination start	2025-09-09 14:41:06 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.39	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.395	0.7438	5.806	5.050	Fluoride
2	6.582	0.7764	4.748	7.561	Chloride
3	8.690	1.7250	8.184	7.577	Nitrite
4	10.718	1.1158	4.629	25.243	Bromide
5	12.363	1.6152	5.884	6.308	Nitrate
6	14.382	1.1001	2.766	12.587	Phosphate
7	15.832	2.9131	7.654	37.633	Sulfate

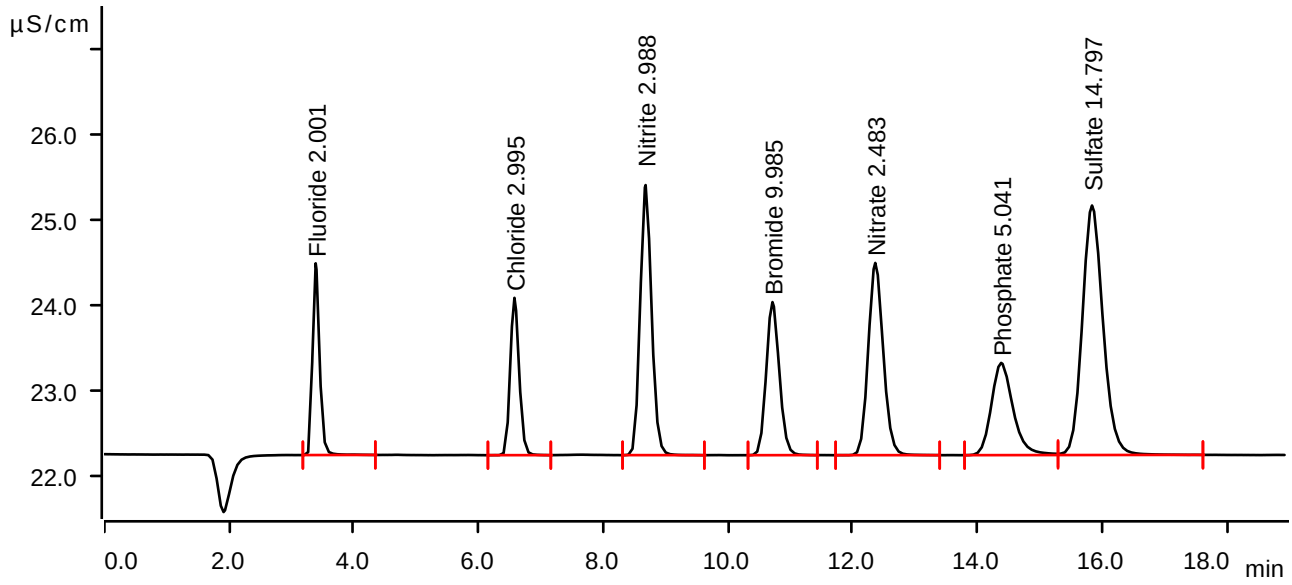
Sample data

Ident	ICV
Sample type	Check standard 1
Determination start	2025-09-09 15:02:34 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.50	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.388	0.2923	2.246	2.001	Fluoride
2	6.575	0.3057	1.843	2.995	Chloride
3	8.678	0.6715	3.164	2.988	Nitrite
4	10.712	0.4379	1.793	9.985	Bromide
5	12.360	0.6282	2.252	2.483	Nitrate
6	14.378	0.4365	1.080	5.041	Phosphate
7	15.835	1.1275	2.923	14.797	Sulfate

Reviewed By:Iwon
On:10/6/2025 1:56 PM
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LB :LB137383

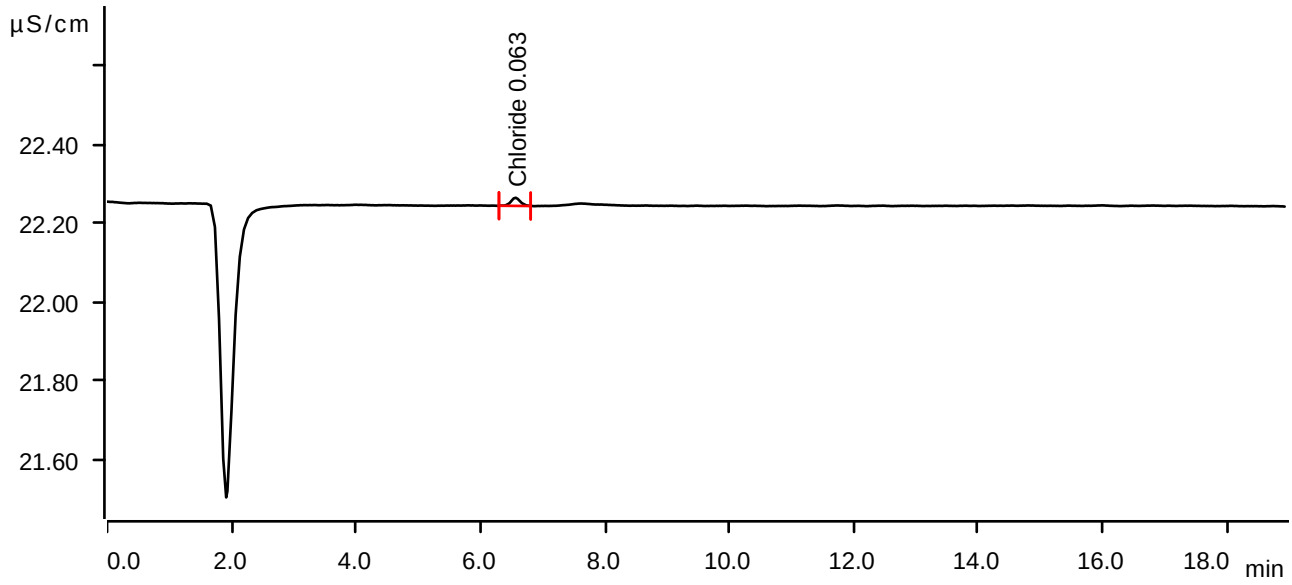
Sample data

Ident	ICB
Sample type	Sample
Determination start	2025-09-09 15:45:30 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.39	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.568	0.0036	0.021	0.063	Chloride

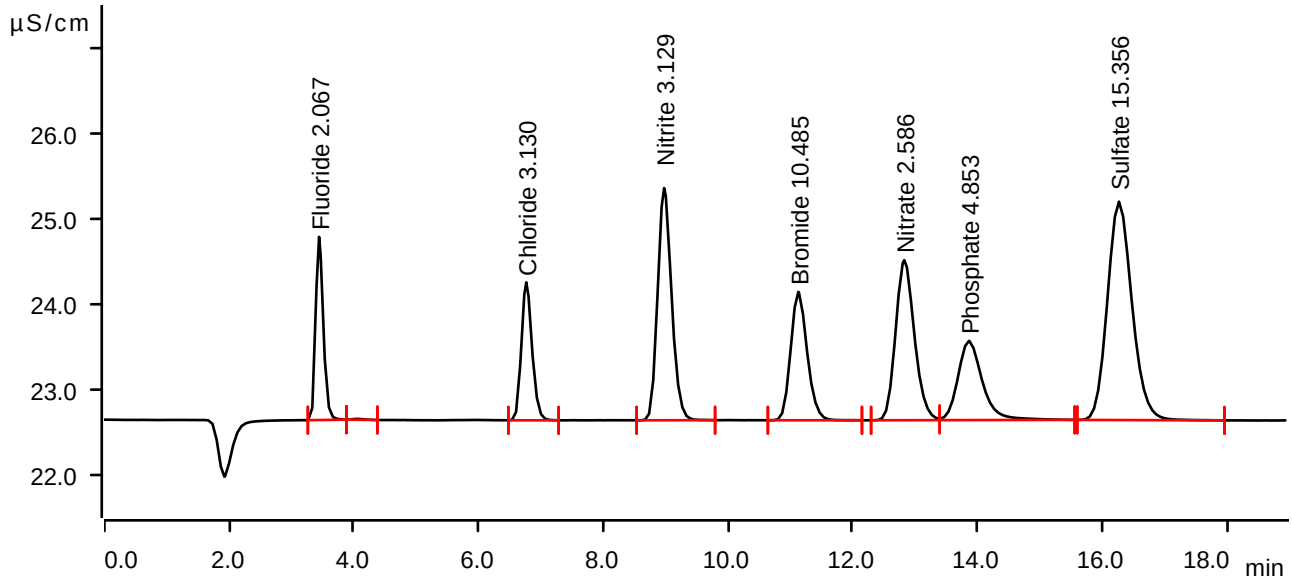
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-09-30 11:13:26 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.18	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.443	0.3021	2.145	2.067	Fluoride
2	4.052	0.0022	0.010	invalid	
3	6.765	0.3196	1.616	3.130	Chloride
4	8.975	0.7039	2.721	3.129	Nitrite
5	11.127	0.4602	1.504	10.485	Bromide
6	12.825	0.6550	1.875	2.586	Nitrate
7	13.862	0.4200	0.928	4.853	Phosphate
8	16.267	1.1712	2.558	15.356	Sulfate

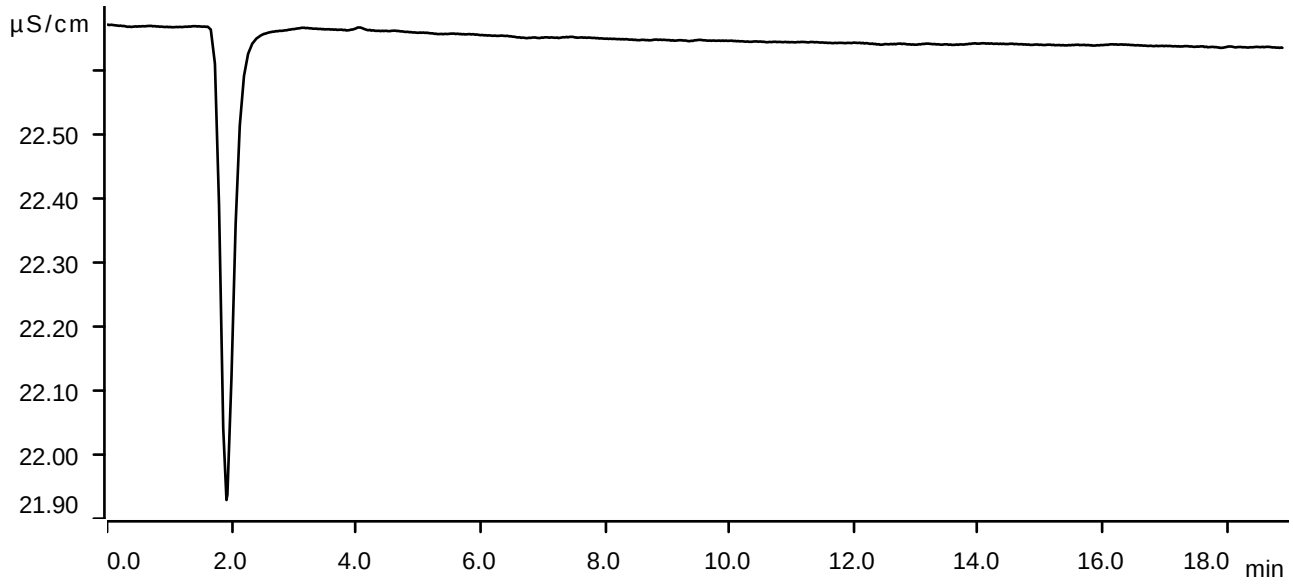
Sample data

Ident	CCB	
Sample type	Sample	
Determination start	2025-09-30 11:34:57 UTC-4	
Method	IC1-090925	
Operator		

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.06	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



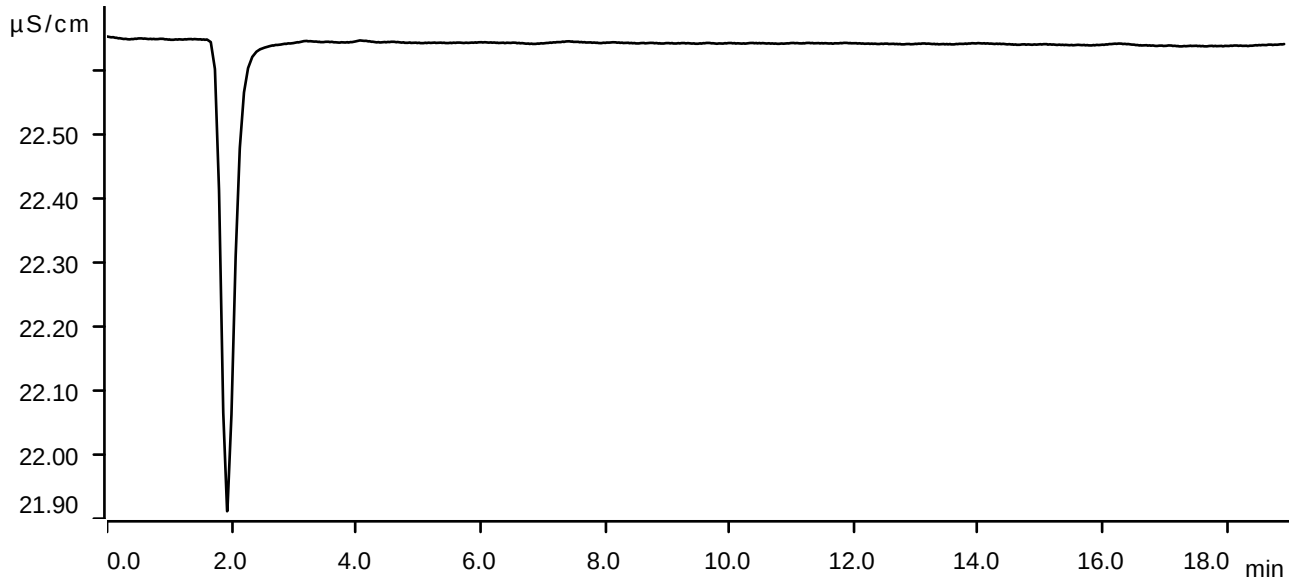
Sample data

Ident	LB137383BLW	
Sample type	Sample	
Determination start	2025-09-30 11:56:28 UTC-4	
Method	IC1-090925	
Operator		

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.06	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



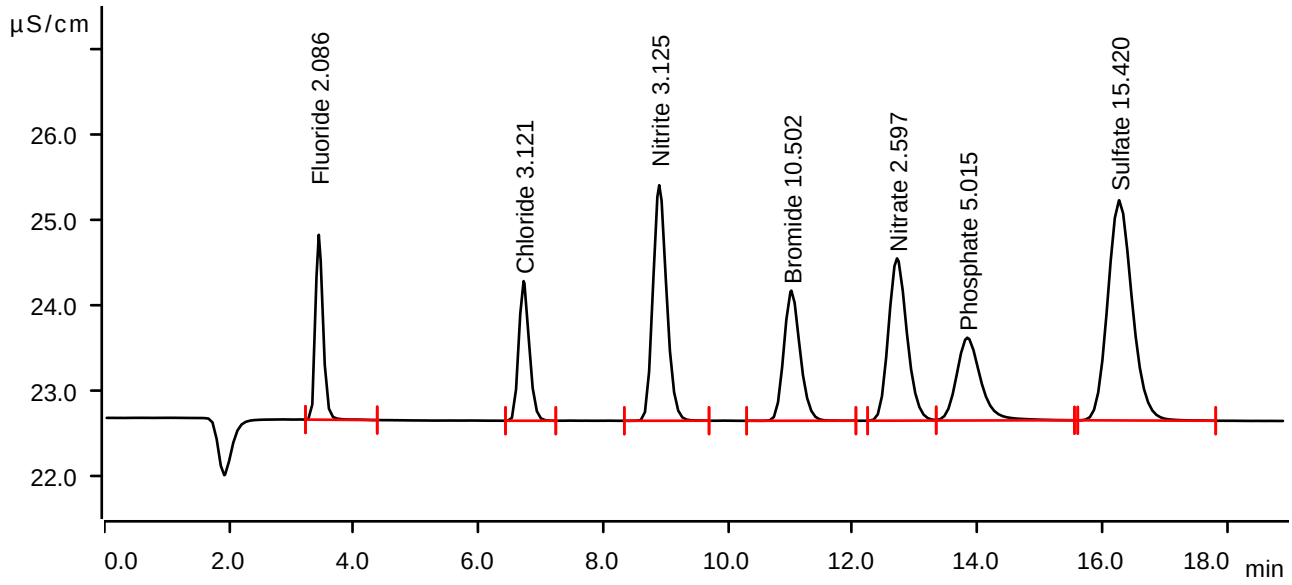
Sample data

Ident	LB137383BSW
Sample type	Check standard 1
Determination start	2025-09-30 12:17:59 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.06	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.438	0.3049	2.165	2.086	Fluoride
2	6.722	0.3187	1.636	3.121	Chloride
3	8.897	0.7031	2.759	3.125	Nitrite
4	11.015	0.4609	1.524	10.502	Bromide
5	12.708	0.6579	1.901	2.597	Nitrate
6	13.835	0.4343	0.970	5.015	Phosphate
7	16.272	1.1762	2.579	15.420	Sulfate

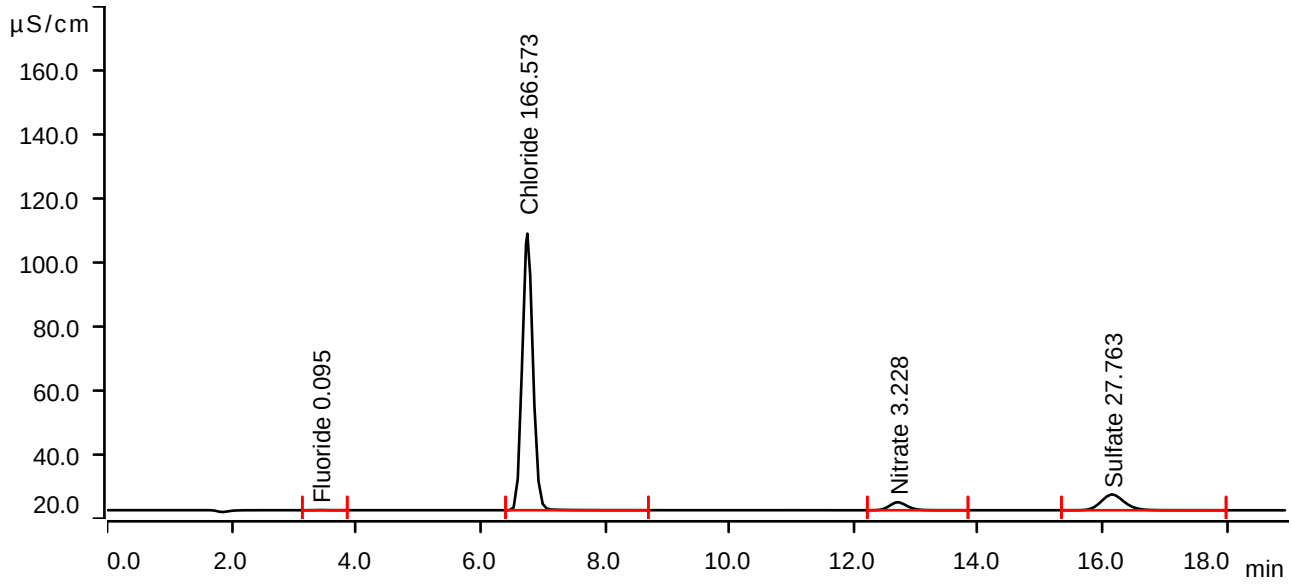
Sample data

Ident	Q3254-01
Sample type	Sample
Determination start	2025-09-30 13:41:45 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.12	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.423	0.0102	0.059	0.095	Fluoride
2	6.755	17.1653	86.391	166.573	Chloride
3	12.707	0.8206	2.496	3.228	Nitrate
4	16.150	2.1414	4.933	27.763	Sulfate

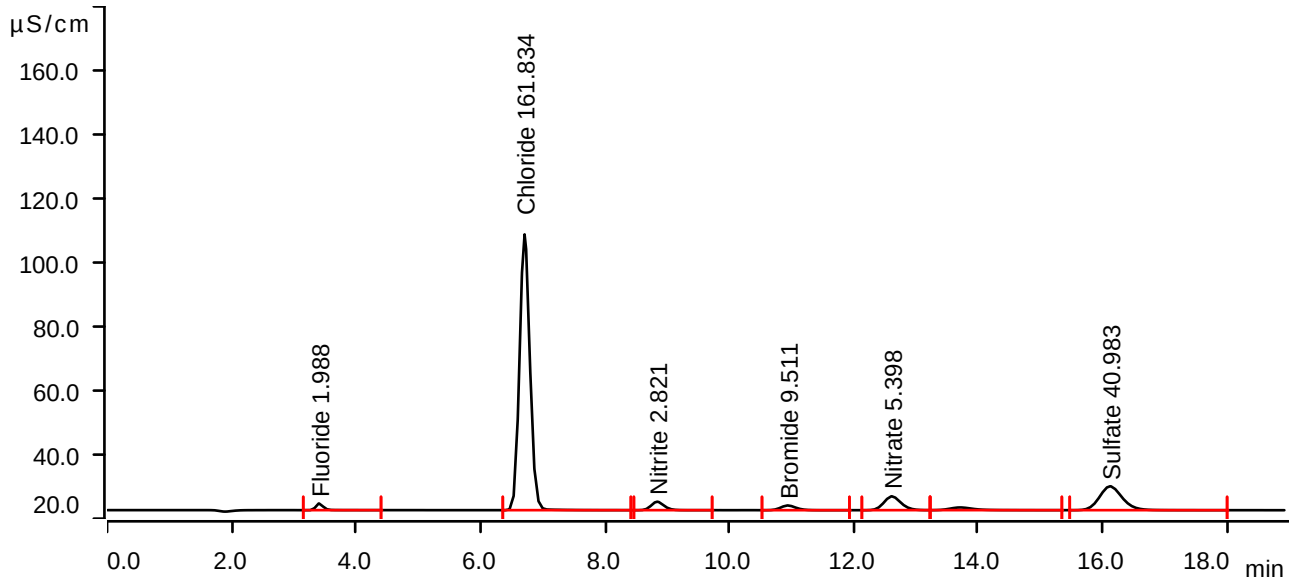
Sample data

Ident	Q3254-01MS
Sample type	Sample
Determination start	2025-09-30 14:03:23 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.06	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.408	0.2904	2.082	1.988	Fluoride
2	6.710	16.6769	86.143	161.834	Chloride
3	8.842	0.6331	2.642	2.821	Nitrite
4	10.940	0.4169	1.474	9.511	Bromide
5	12.612	1.3804	4.324	5.398	Nitrate
6	13.708	0.3634	0.842	invalid	
7	16.118	3.1751	7.462	40.983	Sulfate

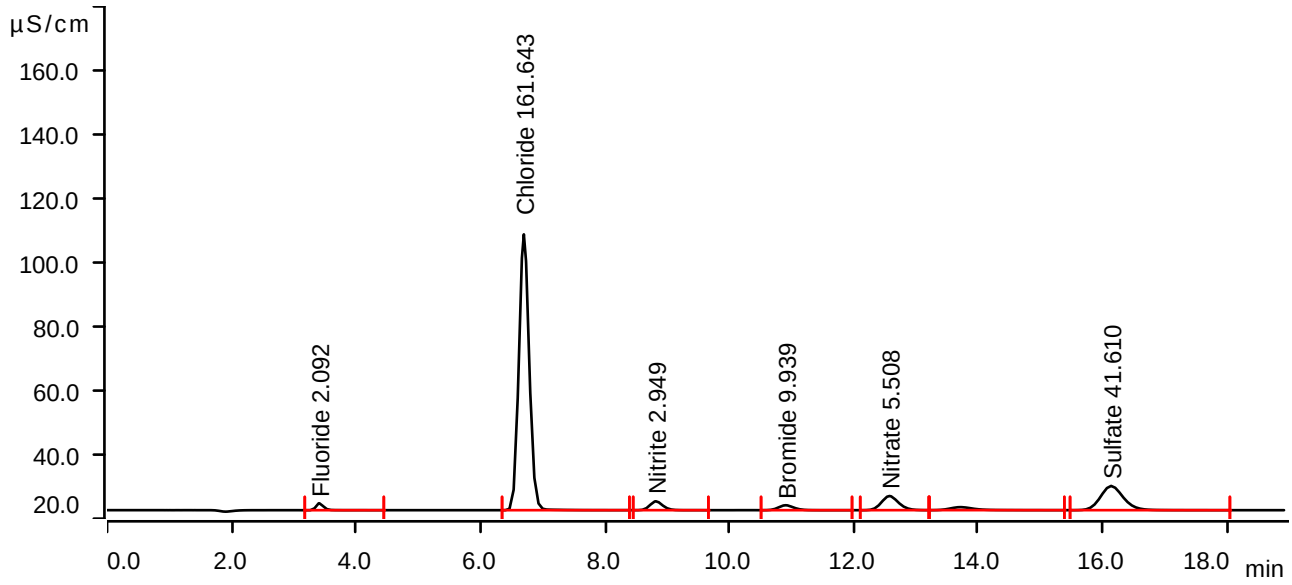
Sample data

Ident	Q3254-01MSD
Sample type	Sample
Determination start	2025-09-30 14:24:57 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.89	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.412	0.3058	2.179	2.092	Fluoride
2	6.698	16.6572	86.162	161.643	Chloride
3	8.820	0.6626	2.768	2.949	Nitrite
4	10.905	0.4359	1.543	9.939	Bromide
5	12.573	1.4088	4.419	5.508	Nitrate
6	13.715	0.4092	0.942	invalid	
7	16.137	3.2241	7.564	41.610	Sulfate

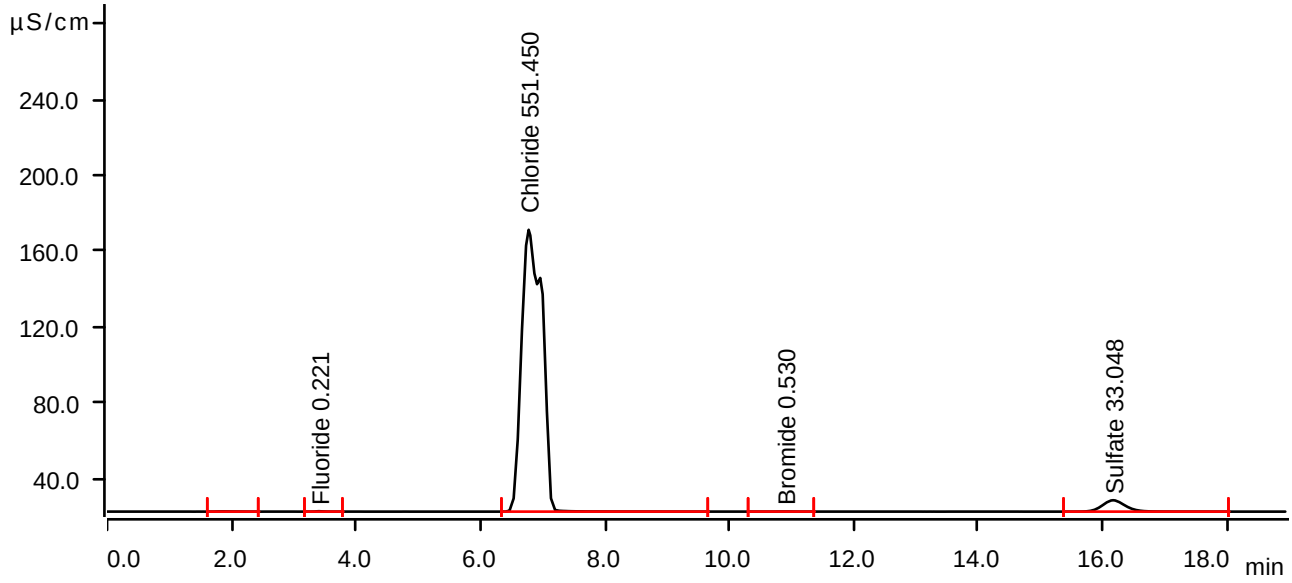
Sample data

Ident	Q3254-03
Sample type	Sample
Determination start	2025-09-30 14:46:32 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.89	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	1.867	0.0362	0.125	invalid	
2	3.407	0.0288	0.200	0.221	Fluoride
3	6.775	56.8337	148.573	551.450	Chloride
4	10.895	0.0179	0.063	0.530	Bromide
5	16.167	2.5547	5.996	33.048	Sulfate

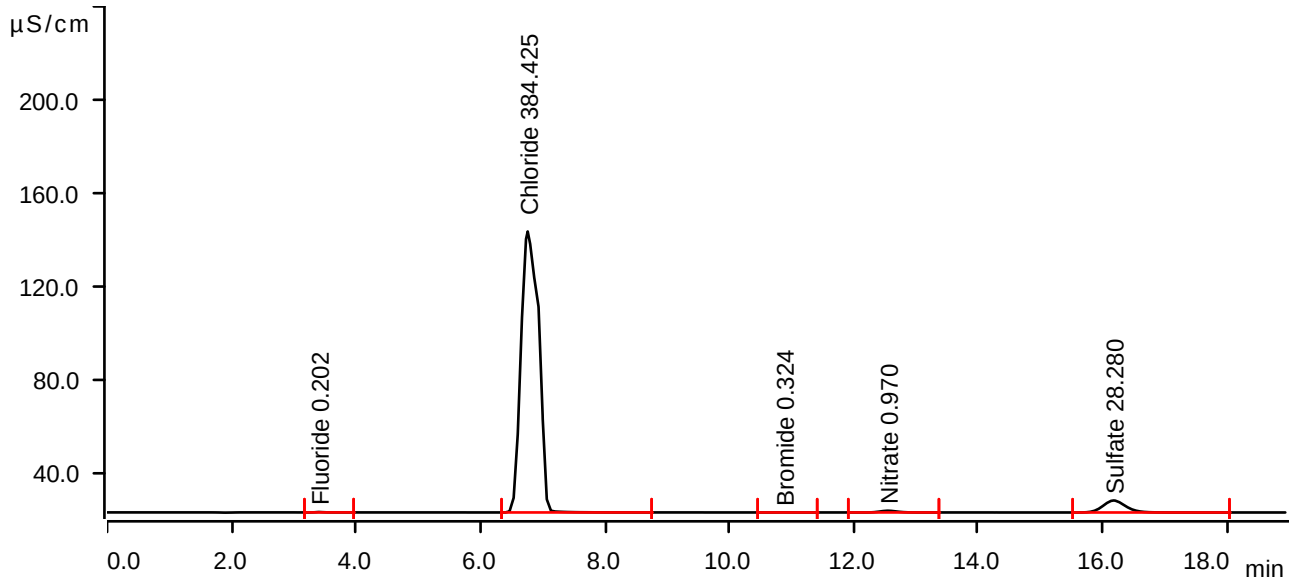
Sample data

Ident	Q3254-05
Sample type	Sample
Determination start	2025-09-30 15:08:07 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.84	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.405	0.0260	0.175	0.202	Fluoride
2	6.760	39.6188	120.684	384.425	Chloride
3	10.877	0.0087	0.030	0.324	Bromide
4	12.548	0.2379	0.745	0.970	Nitrate
5	16.175	2.1818	5.150	28.280	Sulfate

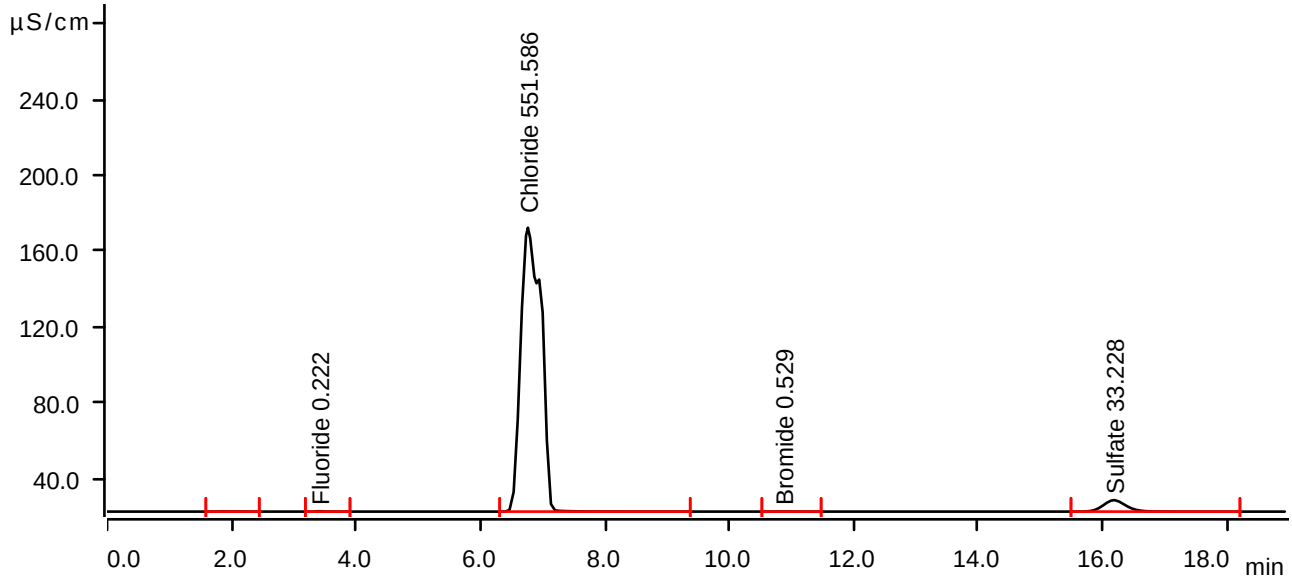
Sample data

Ident	Q3254-07
Sample type	Sample
Determination start	2025-09-30 15:29:42 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.06	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	1.873	0.0363	0.125	invalid	
2	3.410	0.0290	0.199	0.222	Fluoride
3	6.763	56.8477	149.679	551.586	Chloride
4	10.865	0.0178	0.062	0.529	Bromide
5	16.180	2.5687	6.022	33.228	Sulfate

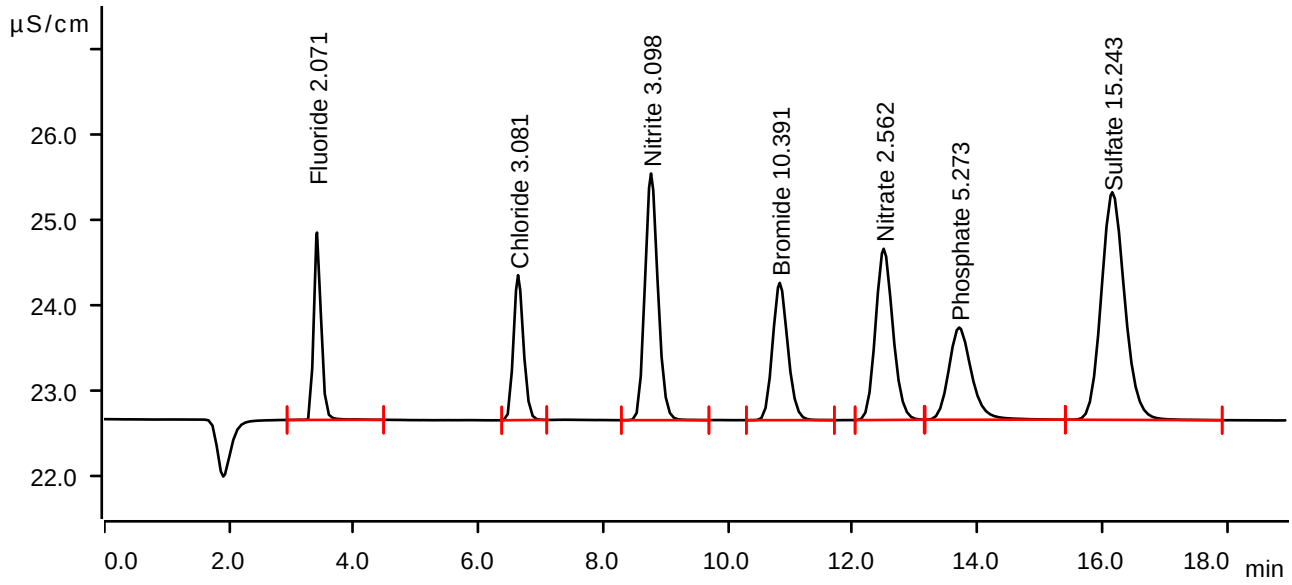
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-09-30 15:51:16 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.95	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.410	0.3027	2.194	2.071	Fluoride
2	6.633	0.3145	1.698	3.081	Chloride
3	8.765	0.6967	2.889	3.098	Nitrite
4	10.828	0.4560	1.608	10.391	Bromide
5	12.495	0.6487	2.005	2.562	Nitrate
6	13.705	0.4569	1.080	5.273	Phosphate
7	16.160	1.1623	2.666	15.243	Sulfate

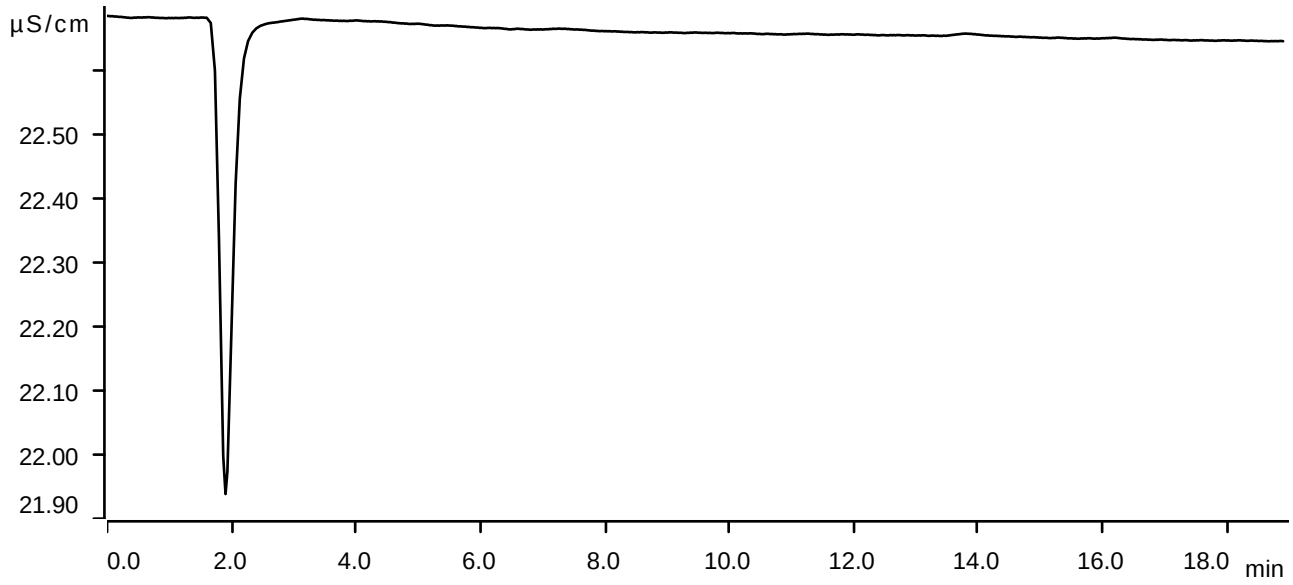
Sample data

Ident	CCB
Sample type	Sample
Determination start	2025-09-30 16:12:46 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.67	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



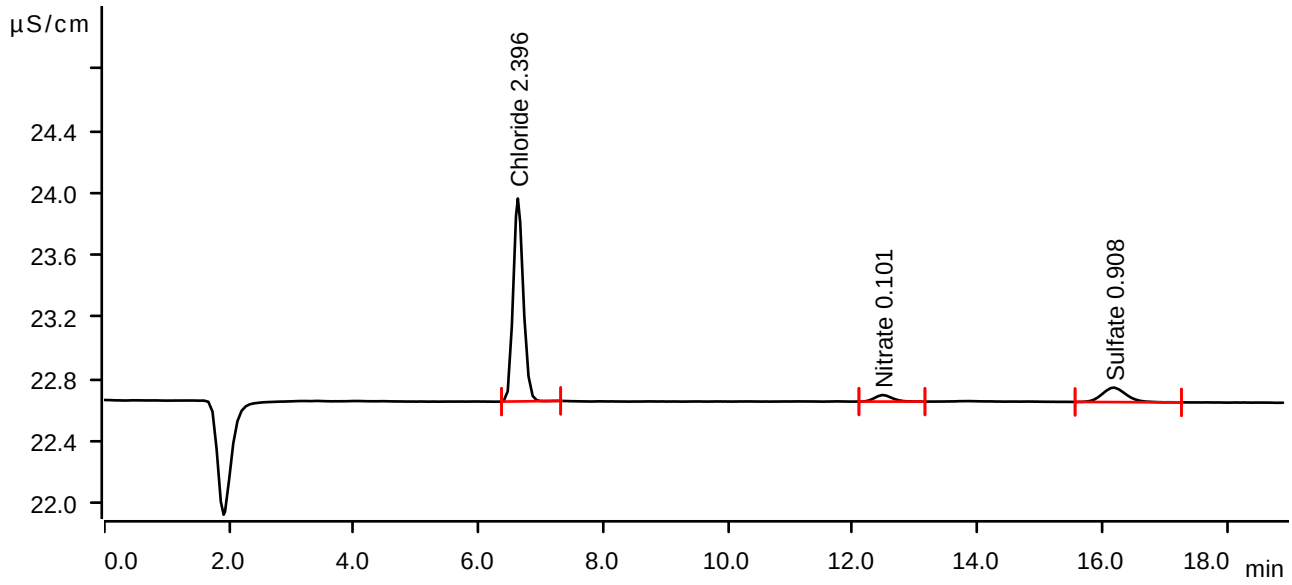
Sample data

Ident	Q3254-01DLX50
Sample type	Sample
Determination start	2025-09-30 16:34:16 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.01	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.630	0.2440	1.307	2.396	Chloride
2	12.475	0.0138	0.042	0.101	Nitrate
3	16.185	0.0415	0.093	0.908	Sulfate

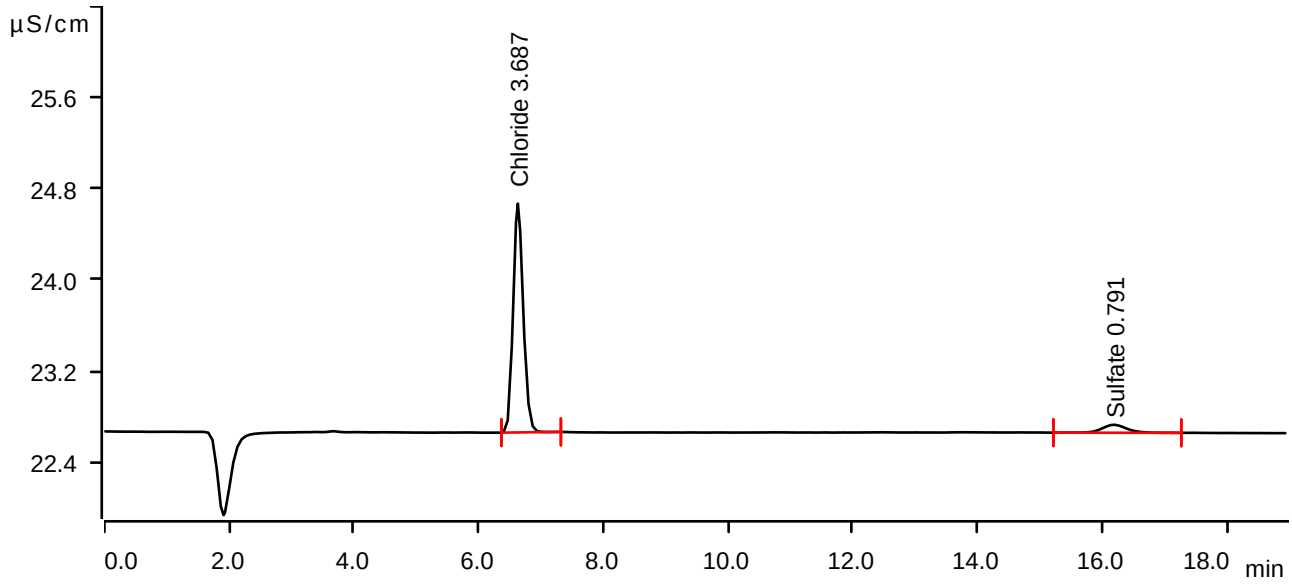
Sample data

Ident	Q3254-03DLX100
Sample type	Sample
Determination start	2025-09-30 16:55:49 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.06	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.630	0.3770	2.010	3.687	Chloride
2	16.190	0.0323	0.070	0.791	Sulfate

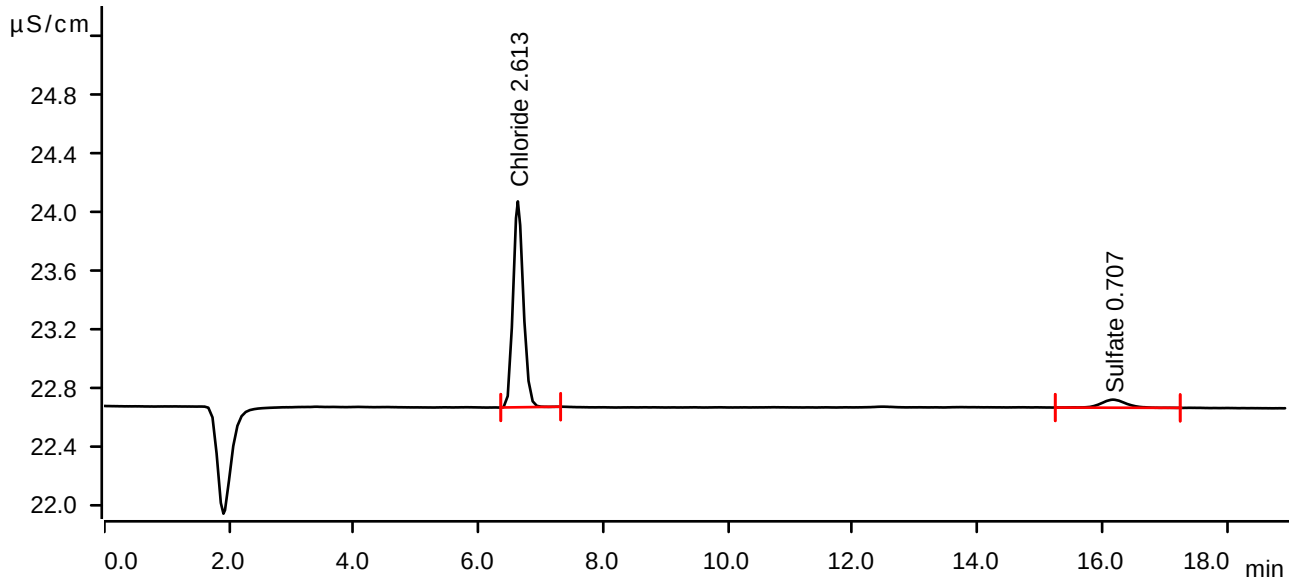
Sample data

Ident	Q3254-05DLX100
Sample type	Sample
Determination start	2025-09-30 18:00:11 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.67	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.630	0.2664	1.407	2.613	Chloride
2	16.172	0.0257	0.055	0.707	Sulfate

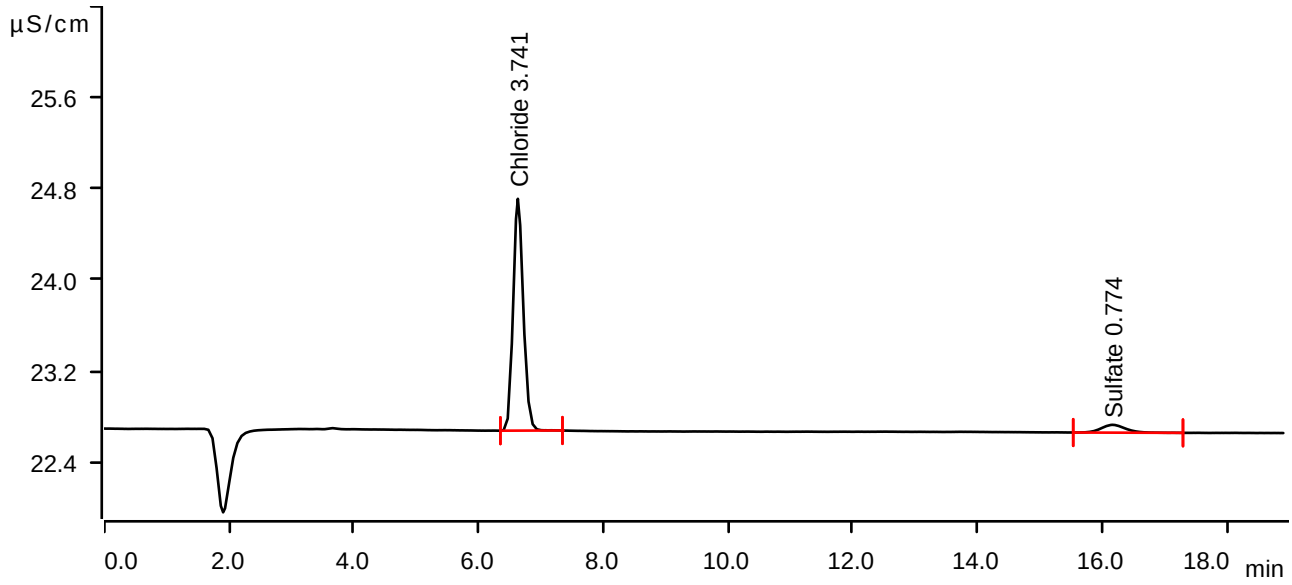
Sample data

Ident	Q3254-07DLX100
Sample type	Sample
Determination start	2025-09-30 18:21:42 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.78	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.630	0.3826	2.036	3.741	Chloride
2	16.160	0.0310	0.069	0.774	Sulfate

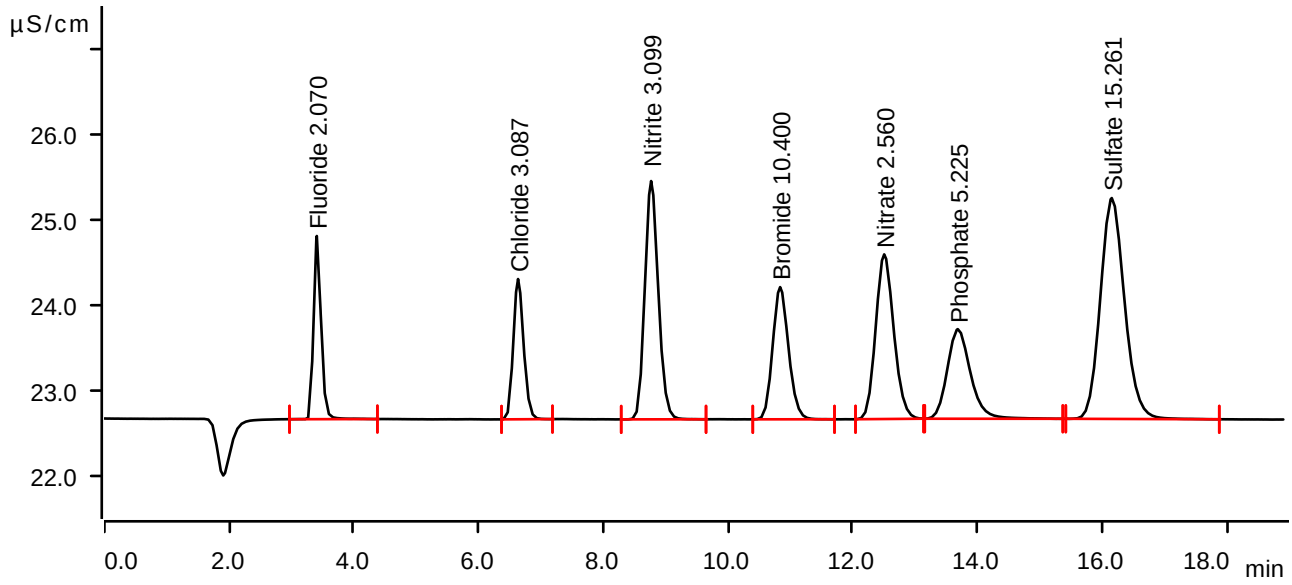
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-09-30 19:04:41 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.73	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.407	0.3026	2.145	2.070	Fluoride
2	6.633	0.3151	1.643	3.087	Chloride
3	8.767	0.6970	2.792	3.099	Nitrite
4	10.835	0.4564	1.549	10.400	Bromide
5	12.503	0.6481	1.929	2.560	Nitrate
6	13.685	0.4528	1.050	5.225	Phosphate
7	16.152	1.1638	2.588	15.261	Sulfate

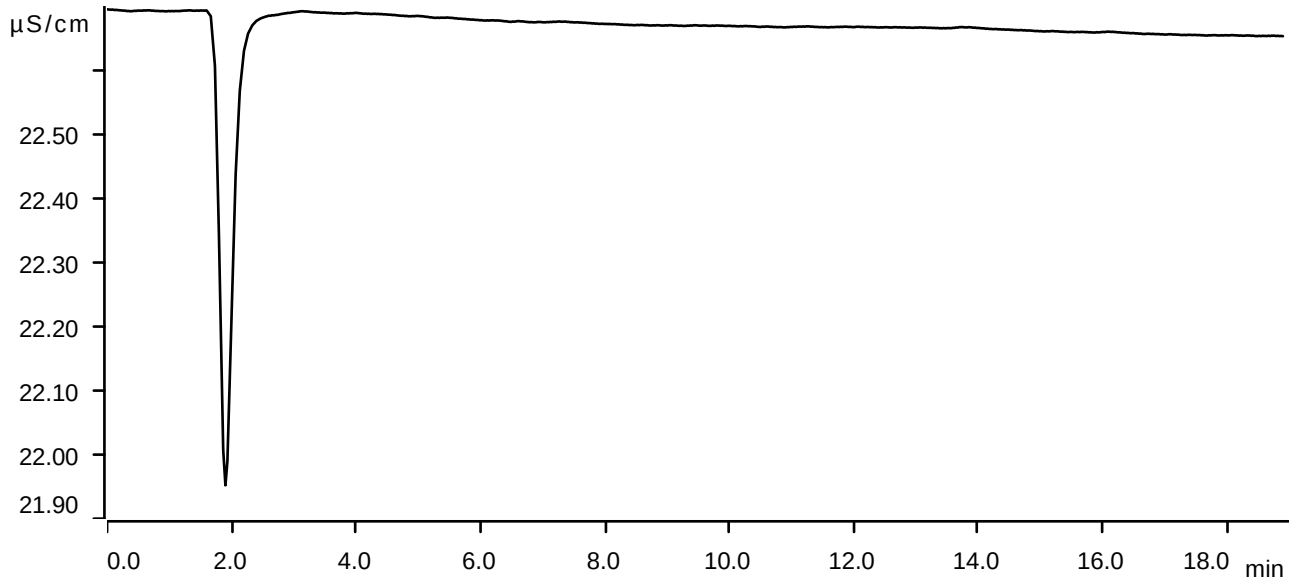
Sample data

Ident	CCB
Sample type	Sample
Determination start	2025-09-30 19:26:12 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.84	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



LB 137383

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Anions-093025 **WorkList ID :** 192180 **Department :** Wet-Chemistry **Date :** 09-30-2025 13:15:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3254-01	MW-1	Water	Anions Group1	Cool 4 deg C	LOCK01	D31	09/29/2025	300.0
Q3254-03	MW-2	Water	Anions Group1	Cool 4 deg C	LOCK01	D31	09/29/2025	300.0
Q3254-05	MW-3	Water	Anions Group1	Cool 4 deg C	LOCK01	D31	09/29/2025	300.0
Q3254-07	MW-4	Water	Anions Group1	Cool 4 deg C	LOCK01	D31	09/29/2025	300.0

Date/Time 09/30/25 13:25
Raw Sample Received by: 12(wC)
Raw Sample Relinquished by: [illegible]

Date/Time 09/30/25 14:20
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: 12(wC)

Analytical Summary Report

Analysis Method: SM2130 B
ANALYST: Iwona
Parameter: Turbidity
SUPERVISOR REVIEW BY: JIGNESH
Run Number: LB137384

Reagent/Standard	Lot/Log #
Turbidity Calibration std, 0NTU	WP114990
Turbidity Calibration std, 20NTU	WP114985
Turbidity Calibration std, 80NTU	WP114983
Turbidity Calibration std, 40NTU	WP114984
Turbidity Calibration std, 200NTU	WP114982
Turbidity Calibration std, 1NTU	WP114988
Turbidity Calibration std, 5NTU	WP114987
Turbidity Calibration - CCV std, 10 NTU	WP114986

Intercept: -0.1953 **Slope:** 1.0045 **Regression:** 1

Seq	Lab ID	True Value (NTU)	Dilution	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	0.146	0.34		10/01/2025	09:05
2	CAL2	1	1	1.048	1.24	23.8	10/01/2025	09:08
3	CAL3	5	1	5.160	5.33	6.6	10/01/2025	09:11
4	CAL4	10	1	9.840	9.99	-0.1	10/01/2025	09:15
5	CAL5	20	1	19.840	19.95	-0.3	10/01/2025	09:18
6	CAL6	40	1	39.200	39.22	-2	10/01/2025	09:20
7	CAL7	80	1	79.800	79.64	-0.5	10/01/2025	09:23
8	CAL8	200	1	201.000	200.29	0.1	10/01/2025	09:25

Analytical Summary Report

Analysis Method: SM2130 B
Parameter: Turbidity
Run Number: LB137384

ANALYST: Iwona
SUPERVISOR REVIEW BY: JIGNESH

Seq	Lab ID	True Value (NTU)	Dilution	Reading	Result (NTU)	AnalDate	Anal Time
1	ICV	10	1	10.700	10.846	10/01/2025	09:28
2	ICB		1	0.163	0.357	10/01/2025	09:30
3	CCV1	10	1	10.100	10.249	10/01/2025	09:33
4	CCB1		1	0.157	0.351	10/01/2025	09:35
5	LB137384BL		1	0.146	0.340	10/01/2025	09:38
6	Q3254-01		1	0.216	0.409	10/01/2025	09:40
7	Q3254-01DUP		1	0.221	0.414	10/01/2025	09:42
8	Q3254-03		1	146.000	145.540	10/01/2025	09:45
9	Q3254-05		1	28.800	28.865	10/01/2025	09:47
10	Q3254-07		1	142.000	141.558	10/01/2025	09:50
11	CCV2	10	1	10.600	10.747	10/01/2025	09:53
12	CCB2		1	0.156	0.350	10/01/2025	09:55

WORKLIST(Hardcopy Internal Chain)

LB137384

WorkList Name : TURBIDITY-093025 **WorkList ID :** 192181 **Department :** Wet-Chemistry **Date :** 09-30-2025 13:35:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3254-01	MW-1	Water	Turbidity	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2130 B
Q3254-03	MW-2	Water	Turbidity	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2130 B
Q3254-05	MW-3	Water	Turbidity	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2130 B
Q3254-07	MW-4	Water	Turbidity	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2130 B

Date/Time 10/01/25 08:50

Raw Sample Received by: IZ(WC)

Raw Sample Relinquished by: TRC(WC)

Date/Time 10/01/25 10:25

Raw Sample Received by: TRC(WC)

Raw Sample Relinquished by: IZ(WC)

TOTAL Dissolved Solids - SM2540C

Run Number: LB137393

Date: 10/03/2025

SUPERVISOR: Iwona **ANALYST:** jignesh

BalanceID: WC SC-5

Filter ID: 17416528

EMPTY DISH TEMP IN:	104 °C	10/02/2025	11:00	**EMPTY DISH TEMP OUT:**	104 °C	10/02/2025	12:00	**OvenID:** WC OVEN-1	**Thermo ID:** WET OVEN#1
TEMP1 IN:	103 °C	10/02/2025	12:30	**TEMP1 OUT:**	103 °C	10/02/2025	13:30	**OvenID1:** WC OVEN-1	**Thermo ID1:** WET OVEN#1
TEMP2 IN:	103 °C	10/02/2025	14:40	**TEMP2 OUT:**	103 °C	10/03/2025	07:00	**OvenID2:** WC OVEN-2	**Thermo ID2:** WET OVEN#2
TEMP3 IN:	180 °C	10/03/2025	07:05	**TEMP3 OUT:**	182 °C	10/03/2025	09:10	**OvenID3:** WC OVEN-2	**Thermo ID3:** WET OVEN#2

Dish #	Lab ID	Client ID	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Sample Volume (ml)	1st Empty Dish+Sample weight after 1.5hr drying @180(±2)°C (g)	2nd Empty Dish+Sample weight after 1.5hr drying @180(±2)°C (g)	Final Empty Dish+Sample weight after 1.5hr drying @180(±2)°C (g)	Weight (g)	Result mg/L
1	LB137393BL	LB137393BL	135.2038	135.2038	100	135.2038	135.2038	135.2038	0.0000	0
2	LB137393BS	LB137393BS	147.8903	147.8903	100	147.8998	147.8998	147.8998	0.0095	95
3	Q3254-01	MW-1	152.7857	152.7857	100	152.8178	152.8178	152.8178	0.0321	321
4	Q3254-03	MW-2	143.5691	143.5691	100	143.6812	143.6812	143.6812	0.1121	1121
5	Q3254-05	MW-3	151.2381	151.2381	100	151.3256	151.3256	151.3256	0.0875	875
6	Q3254-07	MW-4	152.9924	152.9924	100	153.0984	153.0984	153.0984	0.1060	1060
7	Q3254-07DUP	MW-4DUP	156.5913	156.5913	100	156.7003	156.7003	156.7003	0.1090	1090

A = Sample Volume (ml)
B = Empty Dish Weight (g)
C = 2nd Empty Dish + Sample weight after 1.5 hr drying @180(±2)°C(g)
D = Weight (g)

Weight (g) = C - B

$$\text{Result mg/L} = \frac{D}{A} * 1000 * 1000$$

WORKLIST(Hardcopy Internal Chain)

LB137393

WorkList Name : tds q3261 **WorkList ID :** 192248 **Department :** Wet-Chemistry **Date :** 10-02-2025 11:26:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3254-01 F	MW-1	Water	TDS	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2540 C
Q3254-03 F	MW-2	Water	TDS	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2540 C
Q3254-05 F	MW-3	Water	TDS	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2540 C
Q3254-07 F	MW-4	Water	TDS	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2540 C

Date/Time 10/02/25 12:30

Raw Sample Received by: [signature] (WC)

Raw Sample Relinquished by: [signature]

Date/Time 10/02/25 15:0

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

LB137417

Test results | Aquakem 7.2AQ1 | Page: 1

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM | Instrument ID : Konelab

10/3/2025 11:15

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.982	0.0	0.215	
ICB1	0.009	0.0	0.026	
CCV1	0.970	0.0	0.212	
CCB1	0.009	0.0	0.026	
RL CHECK	0.093	0.0	0.043	93% (50–150) 10/03/2025 RM
PB169946BL	0.009	0.0	0.026	
PB169946BS	1.027	0.0	0.223	
Q3254-01	0.019	0.0	0.028	
Q3254-03	11.838	0.0	2.317	Test limit high
Q3254-05	4.803	0.0	0.955	Test limit high
Q3254-07	11.716	0.0	2.293	Test limit high
Q3258-06	0.316	0.0	0.086	
Q3263-01	0.016	0.0	0.028	
Q3263-02	0.010	0.0	0.027	
CCV2	0.968	0.0	0.212	
CCB2	0.011	0.0	0.027	
Q3263-02DUP	0.008	0.0	0.026	
Q3263-02MS	1.038	0.0	0.226	
Q3263-02MSD	1.041	0.0	0.226	
Q3268-01	0.639	0.0	0.148	
CCV3	1.014	0.0	0.221	
CCB3	0.015	0.0	0.028	
Q3254-03DLX10	1.107	0.0	0.239	
Q3254-05DLX5	0.919	0.0	0.202	
Q3254-07DLX10	1.118	0.0	0.241	
CCV4	0.978	0.0	0.214	
CCB4	0.011	0.0	0.027	

N	27
Mean	1.507
SD	3.1074
CV%	206.22

Aquakem v. 7.2AQ1
Results from time period:
Fri Oct 03 09:28:04 2025
Fri Oct 03 11:10:19 2025

Sample Id	Sam/Ctr/cA	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-N	P	0.0099	mg/l	10/3/2025 9:28:04	
0.1PPM	A	Ammonia-N	P	0.1173	mg/l	10/3/2025 9:28:05	
0.2PPM	A	Ammonia-N	P	0.2087	mg/l	10/3/2025 9:28:06	
0.4PPM	A	Ammonia-N	P	0.3836	mg/l	10/3/2025 9:28:07	
1.0PPM	A	Ammonia-N	P	0.9767	mg/l	10/3/2025 9:28:08	
1.3PPM	A	Ammonia-N	P	1.3053	mg/l	10/3/2025 9:28:09	
2.0PPM	A	Ammonia-N	P	2.0319	mg/l	10/3/2025 9:28:10	
ICV1	S	Ammonia-N	P	0.9818	mg/l	10/3/2025 10:18:24	
ICB1	S	Ammonia-N	P	0.0094	mg/l	10/3/2025 10:18:26	
CCV1	S	Ammonia-N	P	0.9696	mg/l	10/3/2025 10:18:29	
CCB1	S	Ammonia-N	P	0.0089	mg/l	10/3/2025 10:18:31	
RL CHECK	S	Ammonia-N	P	0.0932	mg/l	10/3/2025 10:18:33	
PB169946BL	S	Ammonia-N	P	0.0095	mg/l	10/3/2025 10:29:09	
PB169946BS	S	Ammonia-N	P	1.0265	mg/l	10/3/2025 10:29:12	
Q3254-01	S	Ammonia-N	P	0.0192	mg/l	10/3/2025 10:29:13	
Q3254-03	S	Ammonia-N	P	11.8381	mg/l	10/3/2025 10:29:14	
Q3254-05	S	Ammonia-N	P	4.8029	mg/l	10/3/2025 10:29:15	
Q3254-07	S	Ammonia-N	P	11.716	mg/l	10/3/2025 10:29:16	
Q3258-06	S	Ammonia-N	P	0.316	mg/l	10/3/2025 10:29:17	
Q3263-01	S	Ammonia-N	P	0.0156	mg/l	10/3/2025 10:29:18	
Q3263-02	S	Ammonia-N	P	0.0103	mg/l	10/3/2025 10:29:19	
CCV2	S	Ammonia-N	P	0.9675	mg/l	10/3/2025 10:39:53	
CCB2	S	Ammonia-N	P	0.0108	mg/l	10/3/2025 10:39:56	
Q3263-02DUP	S	Ammonia-N	P	0.0078	mg/l	10/3/2025 10:39:57	
Q3263-02MS	S	Ammonia-N	P	1.0379	mg/l	10/3/2025 10:39:59	
Q3263-02MSD	S	Ammonia-N	P	1.0414	mg/l	10/3/2025 10:40:00	
Q3268-01	S	Ammonia-N	P	0.6394	mg/l	10/3/2025 10:40:01	
CCV3	S	Ammonia-N	P	1.0144	mg/l	10/3/2025 10:46:30	
CCB3	S	Ammonia-N	P	0.0151	mg/l	10/3/2025 10:46:32	
Q3254-03DLX10	S	Ammonia-N	P	1.107	mg/l	10/3/2025 11:10:10	
Q3254-05DLX5	S	Ammonia-N	P	0.9186	mg/l	10/3/2025 11:10:13	
Q3254-07DLX10	S	Ammonia-N	P	1.1184	mg/l	10/3/2025 11:10:14	
CCV4	S	Ammonia-N	P	0.9777	mg/l	10/3/2025 11:10:16	
CCB4	S	Ammonia-N	P	0.0106	mg/l	10/3/2025 11:10:18	

Calibration results Aquakem 7.2AQ1 Page: 1

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM Instrument ID : Konelab

10/3/2025 9:30

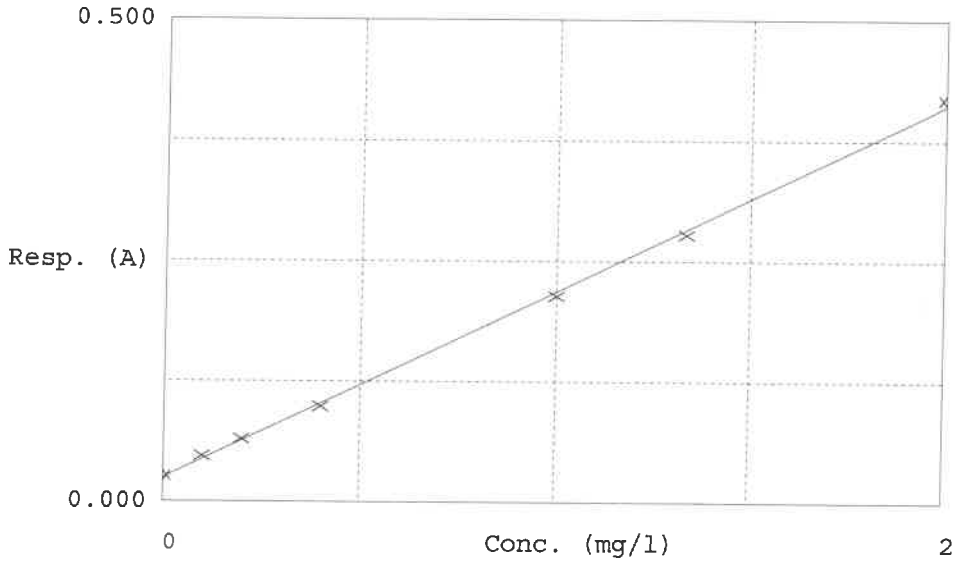
Test Ammonia-N

Accepted 10/3/2025 9:30

Factor 5.164
Bias 0.025

Coeff. of det. 0.999084

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.026	0.0099	0.0000	-
2	NH3-2PPM	0.047	0.1173	0.1000	17.3
3	NH3-2PPM	0.065	0.2087	0.2000	4.3
4	NH3-2PPM	0.099	0.3836	0.4000	-4.1
5	NH3-2PPM	0.214	0.9767	1.0000	-2.3
6	NH3-2PPM	0.277	1.3053	1.3333	0.4
7	NH3-2PPM	0.418	2.0319	2.0000	1.6

10/03/2025
RM

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona
ANALYST: jignesh
Date: 10/02/2025
Run Number: LB137419
BalanceID: WC SC-5
OvenID: WC OVEN-1
FilterID: 17416528
ThermometerID: WET OVEN#1

TEMP1 IN:	104 °C	10/02/2025 15:00	**TEMP1 OUT:**	103 °C	10/02/2025 16:00
TEMP2 IN:	104 °C	10/02/2025 16:30	**TEMP2 OUT:**	104 °C	10/02/2025 17:30
TEMP3 IN:	104 °C	10/03/2025 13:30	**TEMP3 OUT:**	103 °C	10/03/2025 15:00
TEMP4 IN:	104 °C	10/03/2025 15:30	**TEMP4 OUT:**	103 °C	10/03/2025 16:35

Dish #	Lab ID	Client ID	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Sample Volume (ml)	1st Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	2nd Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Final Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Weight (g)	Result mg/L
1	LB137419BL	LB137419BL	1.4653	1.4653	100	1.4654	1.4654	1.4654	0.0001	1
2	LB137419BS	LB137419BS	1.5309	1.5310	100	1.5841	1.5842	1.5842	0.0532	532
3	Q3254-01	MW-1	1.4832	1.4833	2000	1.4834	1.4835	1.4835	0.0002	0.1
4	Q3254-03	MW-2	1.4842	1.4842	2000	1.5831	1.5831	1.5831	0.0989	49.5
5	Q3254-05	MW-3	1.4897	1.4897	2000	1.5117	1.5117	1.5117	0.0220	11
6	Q3254-07	MW-4	1.4888	1.4888	2000	1.5353	1.5353	1.5353	0.0465	23.3
7	Q3258-06	COMPOSITE	1.4694	1.4695	500	1.4825	1.4826	1.4826	0.0131	26.2
8	Q3260-02	COMP	1.4872	1.4873	100	1.5353	1.5354	1.5354	0.0481	481
9	Q3260-02DUP	COMPDUP	1.4754	1.4755	100	1.5235	1.5235	1.5235	0.0480	480
10	Q3263-01	251818	1.4994	1.4994	2000	1.5042	1.5042	1.5042	0.0048	2.4
11	Q3263-02	266380	1.4947	1.4947	2000	1.4952	1.4952	1.4952	0.0005	0.3

A = Sample Volume (ml)
B = Final Empty Dish Weight (g)
C = Final Empty Dish + Sample weight after 1.5 hr drying @105°C(g)
D = Weight (g)

Weight (g) = C - B

Result mg/L = $\frac{D}{A} * 1000 * 1000$

WORKLIST(Hardcopy Internal Chain)

LB 137419

WorkList Name : tss q3263 **WorkList ID :** 192276 **Department :** Wet-Chemistry **Date :** 10-03-2025 11:12:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3254-01 GW	MW-1	Water	TSS	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2540 D
Q3254-03 GW	MW-2	Water	TSS	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2540 D
Q3254-05 GW	MW-3	Water	TSS	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2540 D
Q3254-07 GW	MW-4	Water	TSS	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2540 D
Q3258-06 B	COMPOSITE	Water	TSS	Cool 4 deg C	DALT01	D31	09/30/2025	SM2540 D
Q3260-02 A	COMP	Water	TSS	Cool 4 deg C	ARAM01	D31	10/01/2025	SM2540 D
Q3263-01 GW	251818	Water	TSS	Cool 4 deg C	PSEG03	D31	10/01/2025	SM2540 D
Q3263-02 GW	266380	Water	TSS	Cool 4 deg C	PSEG03	D31	10/01/2025	SM2540 D

Date/Time 10/03/25 11:30

Raw Sample Received by: [illegible] (WC)

Raw Sample Relinquished by: [illegible]

Date/Time 10/03/25 17:00

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

LB137420

Test results | Aquakem 7.2AQ1 | Page: 1

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM | Instrument ID : Konelab

10/3/2025 14:47

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.078	0.0	1.073	
ICB1	0.135	0.0	0.033	
CCV1	4.937	0.0	1.044	
CCB1	0.138	0.0	0.033	
RL CHECK	0.464	0.0	0.102	92% (50-150) 10/03/2025 RM
PB169955BL	0.133	0.0	0.032	
PB169955BS	5.106	0.0	1.079	
Q3254-01	0.176	0.0	0.041	
Q3254-03	10.830	0.0	2.284	Test limit high
Q3254-05	4.941	0.0	1.044	
Q3254-07	11.277	0.0	2.378	Test limit high
Q3263-01	0.143	0.0	0.035	
Q3263-02	0.302	0.0	0.068	
Q3263-02DUP	0.298	0.0	0.067	
CCV2	4.945	0.0	1.045	
CCB2	0.138	0.0	0.033	
Q3263-02MS	5.348	0.0	1.130	
Q3263-02MSD	5.351	0.0	1.131	
CCV3	4.948	0.0	1.046	
CCB3	0.133	0.0	0.032	
Q3254-03DLX2	5.363	0.0	1.133	
Q3254-07DLX2	5.660	0.0	1.196	
CCV4	5.126	0.0	1.083	
CCB4	0.133	0.0	0.032	

N	24
Mean	3.379
SD	3.3934
CV%	100.42

Aquakem v. 7.2AQ1
Results from time period:
Fri Oct 03 11:54:08 2025
Fri Oct 03 14:38:34 2025

Sample Id	Sam/Ctr/cA	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.1138	mg/l	10/3/2025 11:54:08	
0.5PPM	A	TKN-NH3	P	0.5411	mg/l	10/3/2025 11:54:09	
1.0PPM	A	TKN-NH3	P	1.0012	mg/l	10/3/2025 11:54:10	
2.5PPM	A	TKN-NH3	P	2.4303	mg/l	10/3/2025 11:54:11	
5.0PPM	A	TKN-NH3	P	4.9547	mg/l	10/3/2025 11:54:12	
6.7PPM	A	TKN-NH3	P	6.4298	mg/l	10/3/2025 11:54:13	
10.0PPM	A	TKN-NH3	P	10.1958	mg/l	10/3/2025 11:54:14	
ICV1	S	TKN-NH3	P	5.0782	mg/l	10/3/2025 14:22:22	
ICB1	S	TKN-NH3	P	0.1355	mg/l	10/3/2025 14:22:23	
CCV1	S	TKN-NH3	P	4.937	mg/l	10/3/2025 14:22:24	
CCB1	S	TKN-NH3	P	0.1378	mg/l	10/3/2025 14:22:25	
RL CHECK	S	TKN-NH3	P	0.4641	mg/l	10/3/2025 14:22:27	
PB169955BL	S	TKN-NH3	P	0.1329	mg/l	10/3/2025 14:22:28	
PB169955BS	S	TKN-NH3	P	5.1057	mg/l	10/3/2025 14:22:29	
Q3254-01	S	TKN-NH3	P	0.1757	mg/l	10/3/2025 14:22:30	
Q3254-03	S	TKN-NH3	P	10.8301	mg/l	10/3/2025 14:22:31	
Q3254-05	S	TKN-NH3	P	4.9409	mg/l	10/3/2025 14:22:32	
Q3254-07	S	TKN-NH3	P	11.2771	mg/l	10/3/2025 14:22:33	
Q3263-01	S	TKN-NH3	P	0.1432	mg/l	10/3/2025 14:33:03	
Q3263-02	S	TKN-NH3	P	0.3018	mg/l	10/3/2025 14:33:04	
Q3263-02DUP	S	TKN-NH3	P	0.2977	mg/l	10/3/2025 14:33:05	
CCV2	S	TKN-NH3	P	4.9455	mg/l	10/3/2025 14:33:06	
CCB2	S	TKN-NH3	P	0.1376	mg/l	10/3/2025 14:33:07	
Q3263-02MS	S	TKN-NH3	P	5.3478	mg/l	10/3/2025 14:33:08	
Q3263-02MSD	S	TKN-NH3	P	5.3512	mg/l	10/3/2025 14:33:09	
CCV3	S	TKN-NH3	P	4.9478	mg/l	10/3/2025 14:33:10	
CCB3	S	TKN-NH3	P	0.133	mg/l	10/3/2025 14:33:11	
Q3254-03DLX2	S	TKN-NH3	P	5.3625	mg/l	10/3/2025 14:33:12	
Q3254-07DLX2	S	TKN-NH3	P	5.6598	mg/l	10/3/2025 14:38:32	
CCV4	S	TKN-NH3	P	5.1263	mg/l	10/3/2025 14:38:33	
CCB4	S	TKN-NH3	P	0.1327	mg/l	10/3/2025 14:38:34	

Calibration results Aquakem 7.2AQ1 Page: 1

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM Instrument ID : Konelab

10/3/2025 12:05

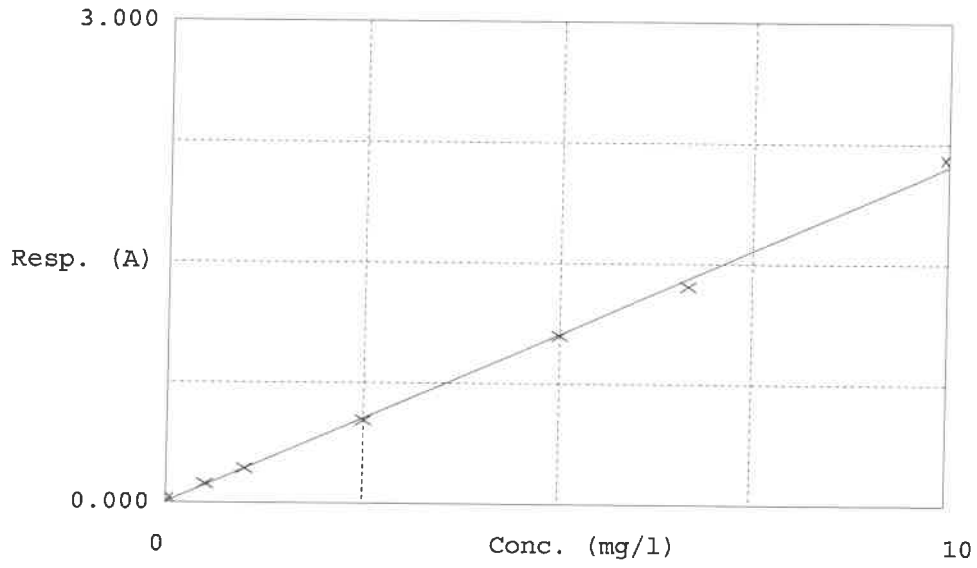
Test TKN-NH3

Accepted 10/3/2025 12:05

Factor 4.751
Bias 0.004

Coeff. of det. 0.998602

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.028	0.1138	0.0000	8.2
2	TKN-10	0.118	0.5411	0.5000	0.1
3	TKN-10	0.215	1.0012	1.0000	-2.8
4	TKN-10	0.516	2.4303	2.5000	-0.9
5	TKN-10	1.047	4.9547	5.0000	-4.0
6	TKN-10	1.358	6.4298	6.6667	2.0
7	TKN-10	2.151	10.1958	10.0000	

10/03/2025
RM

TitriSoft Report

Ident	Amount	DateTime	Alkalinity	Final pH (sample)	Initial pH (sample)	slope	offset
LB137431BLW	100	~~06/10/2025~~ 12:15	0.00	4.56	4.58	101.4	7.02
LB137431BSW	100	06/10/2025 12:19	46.82	4.40	9.84	101.4	7.02
Q3019-05	50	06/10/2025 12:24	93.62	4.38	7.71	101.4	7.02
Q3202-01	50	06/10/2025 12:30	97.24	4.35	7.48	101.4	7.02
Q3202-01DUP	50	06/10/2025 12:34	96.06	4.33	7.49	101.4	7.02
Q3202-03	50	06/10/2025 12:37	28.48	4.36	6.92	101.4	7.02
Q3202-05	50	06/10/2025 12:42	49.60	4.28	7.22	101.4	7.02
Q9202-07	50	06/10/2025 12:46	51.28	4.35	6.99	101.4	7.02
Q9202-09	50	06/10/2025 12:50	10.24	4.21	6.24	101.4	7.02
Q3202-11	50	06/10/2025 12:55	229.68	4.43	7.93	101.4	7.02
Q3202-17	50	06/10/2025 12:59	112.64	4.41	8.09	101.4	7.02
Q3254-01	50	06/10/2025 13:04	57.68	4.25	7.01	101.4	7.02
Q3254-03	50	06/10/2025 13:10	427.48	4.44	7.79	101.4	7.02
Q3254-05	50	06/10/2025 13:14	374.42	4.22	7.97	101.4	7.02
Q3254-07	50	~~06/10/2025~~ 13:20	423.64	4.48	7.85	101.4	7.02

10/06/2025

10/6/25
12

WORKLIST(Hardcopy Internal Chain)

LB1374431

WorkList Name : ALKALANITY-100225 **WorkList ID :** 192255 **Department :** Wet-Chemistry **Date :** 10-02-2025 14:46:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3019-05	WP0925-PT-MIN1-WP	Water	Alkalinity	Cool 4 deg C	ALLI03	QA Of	09/02/2025	SM2320 B
Q3202-01	SY-6	Water	Alkalinity	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2320 B
Q3202-03	SY-2R	Water	Alkalinity	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2320 B
Q3202-05	SY-2D	Water	Alkalinity	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2320 B
Q3202-07	SY-5	Water	Alkalinity	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2320 B
Q3202-09	SY-3DD	Water	Alkalinity	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2320 B
Q3202-11	SY-3D	Water	Alkalinity	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2320 B
Q3202-17	SY-3	Water	Alkalinity	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2320 B
Q3254-01	MW-1	Water	Alkalinity	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2320 B
Q3254-03	MW-2	Water	Alkalinity	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2320 B
Q3254-05	MW-3	Water	Alkalinity	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2320 B
Q3254-07	MW-4	Water	Alkalinity	Cool 4 deg C	LOCK01	D31	09/29/2025	SM2320 B

Date/Time 10/06/25 11:50
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: [illegible]

Date/Time 10/06/25 13:50
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: [illegible]

Alliance TECHNICAL GROUP

Water Ammonia Preparation Sheet

PB169946

SOP ID : MSM4500-NH3 B,G-Ammonia-18

SDG No : N/A

Matrix : WATER

Pippete ID : WC

Balance ID : N/A

Hood ID : HOOD#2

Block ID : WC-DIST-BLOCK-1

Weigh By : N/A

Start Digest Date: 10/02/2025 **Time :** 14:10 **Temp :** 150 °C

End Digest Date: 10/02/2025 **Time :** 15:10 **Temp :** 160 °C

π batch 10/02/2025 15.45 150 c
10/02/2025 16.45 160 c

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : WC CYANIDE

Prep Technician Signature: RH

Supervisor Signature: IZ

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP114786
MS/MSD SPIKE SOL.	1.0ML	WP114785
PBW	50.0ML	W3112
RL CHECK	0.1ML	WP114785
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP113886
NAOH 6N	0.5-2.0ML	WP113887
H2SO4 0.04N	5.0ML	WP112828
pH strip-Ammonia	N/A	W3133
KI-starch paper	N/A	W3155
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT
WP114104,

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/02/2025 17.00	RH (WC)	RH (WC)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Ammonia Preparation Sheet

PB169946

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169946BL	PBW946	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB169946BS	LCS946	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3254-01	MW-1	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3254-03	MW-2	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3254-05	MW-3	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3254-07	MW-4	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3258-06	COMPOSITE	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3263-01	251818	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3263-02	266380	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3263-02DUP	266380DUP	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3263-02MS	266380MS	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3263-02MSD	266380MSD	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3268-01	WATER-TREATMENT-DISCHARGE	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : ammonia-10-01 **WorkList ID :** 192223 **Department :** Distillation **Date :** 10-01-2025 15:47:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3254-01	MW-1	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	D31	09/29/2025	SM4500-NH3
Q3254-03	MW-2	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	D31	09/29/2025	SM4500-NH3
Q3254-05	MW-3	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	D31	09/29/2025	SM4500-NH3
Q3254-07	MW-4	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	D31	09/29/2025	SM4500-NH3
Q3258-06	COMPOSITE	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	D31	09/29/2025	SM4500-NH3
Q3263-01	251818	Water	Ammonia	Conc H2SO4 to pH < 2	DALT01	D31	09/30/2025	SM4500-NH3
Q3263-02	266380	Water	Ammonia	Conc H2SO4 to pH < 2	PSEG03	D31	10/01/2025	SM4500-NH3
Q3263-03	266381	Water	Ammonia	Conc H2SO4 to pH < 2	PSEG03	D31	10/01/2025	SM4500-NH3

Date/Time 10/02/2025 08:10

Raw Sample Received by: RM CWC

Raw Sample Relinquished by: [signature]

Date/Time 10/02/2025 16:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: RM CWC

WORKLIST(Hardcopy Internal Chain)

WorkList Name : ammonia-3268 **WorkList ID :** 192256 **Department :** Distillation **Date :** 10-02-2025 13:03:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3268-01	WATER-TREATMENT-DISCHA	Water	Ammonia	Conc H2SO4 to pH < 2	VERI01	D31	10/02/2025	SM4500-NH3

Date/Time 10/02/2025 14.30
Raw Sample Received by: RM (WC)
Raw Sample Relinquished by: (WC)

Date/Time 10/02/2025 16.00
Raw Sample Received by: (WC)
Raw Sample Relinquished by: RM (WC)

Alliance TECHNICAL GROUP

Water TKN Preparation Sheet

PB169955

SOP ID : MSM4500-N Org C-TKN-12

SDG No : N/A

Matrix : WATER

Pippete ID : WC

Balance ID : N/A

Hood ID : HOOD#2&3

Block ID : WC-DIST-BLOCK-1

Weigh By : N/A

Start Digest Date: 10/02/2025 **Time :** 08:50 **Temp :** 380 °C

End Digest Date: 10/02/2025 **Time :** 10:20 **Temp :** 385 °C

Start Distillation Date: 10/02/2025 **Time :** 11:00 **Temp :** 150 °C

End Distillation Date: 10/02/2025 **Time :** 12:00 **Temp :** 159 °C

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : Therm#2(2179)

Prep Technician Signature: RM

Supervisor Signature: 12

Standared Name	MLS USED	STD REF. # FROM LOG
TKN CAL STD	50.0ML	WP114963
TKN CCV STD	50.0ML	WP114964
TKN ICV STD	50.0ML	WP114965
TKN LCS STD	50.0ML	WP114966
MS/MSD SPIKE SOL.	0.25ML	WP112611

Chemical Used	ML/SAMPLE USED	Lot Number
TKN DIGESTION FLUID	10.0ML	WP113135
TKN DISTILLATION BUFFER	10.0ML	WP114445
H2SO4 0.04N	5.0ML	WP112828
pH Paper 0-14	N/A	W3215
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

RL CHECK 10ML FROM WP114964,ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT WP114104.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/02/2025 13:45	RM (WC)	RM (WC)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water TKN Preparation Sheet

PB169955

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169955BL	PBW955	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
PB169955BS	LCS955	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3254-01	MW-1	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3254-03	MW-2	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3254-05	MW-3	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3254-07	MW-4	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3263-01	251818	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3263-02	266380	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3263-02DUP	266380DUP	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3263-02MS	266380MS	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3263-02MSD	266380MSD	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tkn-10-01 **WorkList ID :** 192222 **Department :** Distillation **Date :** 10-01-2025 15:47:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3254-01	MW-1	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	D31	09/29/2025	SM4500 N Org
Q3254-03	MW-2	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	D31	09/29/2025	SM4500 N Org
Q3254-05	MW-3	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	D31	09/29/2025	SM4500 N Org
Q3254-07	MW-4	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	D31	09/29/2025	SM4500 N Org
Q3263-01	251818	Water	TKN	Conc H2SO4 to pH < 2	PSEG03	D31	10/01/2025	SM4500 N Org
Q3263-02	266380	Water	TKN	Conc H2SO4 to pH < 2	PSEG03	D31	10/01/2025	SM4500 N Org

Date/Time 10/02/2025 08.10
Raw Sample Received by: RM (WC)
Raw Sample Relinquished by: [illegible] (WC)

Date/Time 10/02/2025 11:00
Raw Sample Received by: [illegible] (WC)
Raw Sample Relinquished by: RM (WC)

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

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QCBatch ID # LB137381

Review By	rubina	Review On	10/6/2025 1:37:43 PM
Supervise By	Iwona	Supervise On	10/6/2025 1:46:06 PM
SubDirectory	LB137381	Test	BOD5

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	WP114992,W3149,WP112832,W3103,W3109,W3105,WP114994,WP114993,WP113878

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137381BL	LB137381BL	MB	10/01/25 09:30		rubina	OK
2	LB137381BS	LB137381BS	LCS	10/01/25 09:30		rubina	OK
3	Q3254-01	MW-1	SAM	10/01/25 09:30		rubina	OK
4	Q3254-01DUP	MW-1DUP	DUP	10/01/25 09:30		rubina	OK
5	Q3254-03	MW-2	SAM	10/01/25 09:30		rubina	OK
6	Q3254-05	MW-3	SAM	10/01/25 09:30		rubina	OK
7	Q3254-07	MW-4	SAM	10/01/25 09:30		rubina	OK

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

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137383

Review By	rubina	Review On	10/6/2025 1:44:29 PM
Supervise By	Iwona	Supervise On	10/6/2025 1:56:38 PM
SubDirectory	LB137383	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683
ICV Standard	WP114684
CCV Standard	WP114967
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP114968
Chk Standard	WP114685,WP114686

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	09/09/25 10:21	All standards, samples, and	RM/IZ	OK
2	STD2	STD2	CAL2	09/09/25 10:42	QC are filtered through	RM/IZ	OK
3	STD3	STD3	CAL3	09/09/25 11:25	0.45um, filter lot W3160	RM/IZ	OK
4	STD4	STD4	CAL4	09/09/25 11:47		RM/IZ	OK
5	STD5	STD5	CAL5	09/09/25 13:36		RM/IZ	OK
6	STD6	STD6	CAL6	09/09/25 13:58		RM/IZ	OK
7	STD7	STD7	CAL7	09/09/25 14:41		RM/IZ	OK
8	ICV1	ICV1	ICV	09/09/25 15:02		RM/IZ	OK
9	ICB1	ICB1	ICB	09/09/25 15:45		RM/IZ	OK
10	CCV1	CCV1	CCV	09/30/25 11:13		RM/IZ	OK
11	CCB1	CCB1	CCB	09/30/25 11:34		RM/IZ	OK
12	LB137383BLW	LB137383BLW	MB	09/30/25 11:56		RM/IZ	OK
13	LB137383BSW	LB137383BSW	LCS	09/30/25 12:17		RM/IZ	OK
14	Q3254-01	MW-1	SAM	09/30/25 13:41	CL high	RM/IZ	Dilution
15	Q3254-01MS	MW-1MS	MS	09/30/25 14:03	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
16	Q3254-01MSD	MW-1MSD	MSD	09/30/25 14:24	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
17	Q3254-03	MW-2	SAM	09/30/25 14:46	CL high	RM/IZ	Dilution
18	Q3254-05	MW-3	SAM	09/30/25 15:08	CL high	RM/IZ	Dilution

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

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137383

Review By	rubina	Review On	10/6/2025 1:44:29 PM
Supervise By	Iwona	Supervise On	10/6/2025 1:56:38 PM
SubDirectory	LB137383	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683
ICV Standard	WP114684
CCV Standard	WP114967
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP114968
Chk Standard	WP114685,WP114686

19	Q3254-07	MW-4	SAM	09/30/25 15:29	CL high	RM/IZ	Dilution
20	CCV2	CCV2	CCV	09/30/25 15:51		RM/IZ	OK
21	CCB2	CCB2	CCB	09/30/25 16:12		RM/IZ	OK
22	Q3254-01DL	MW-1DL	SAM	09/30/25 16:34	50X for CL	RM/IZ	Confirms
23	Q3254-03DL	MW-2DL	SAM	09/30/25 16:55	100X for CL	RM/IZ	Confirms
24	Q3254-05DL	MW-3DL	SAM	09/30/25 18:00	100X for CL	RM/IZ	Confirms
25	Q3254-07DL	MW-4DL	SAM	09/30/25 18:21	100X for CL	RM/IZ	Confirms
26	CCV3	CCV3	CCV	09/30/25 19:04		RM/IZ	OK
27	CCB3	CCB3	CCB	09/30/25 19:26		RM/IZ	OK

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Fax : 908 789 8922

Instrument ID: WC TURBIDIMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137384

Review By	Iwona	Review On	10/1/2025 2:16:17 PM
Supervise By	JIGNESH	Supervise On	10/1/2025 2:17:07 PM
SubDirectory	LB137384	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	WP114990,WP114985,WP114983,WP114984,WP114982,WP114988,WP114987,WP114986

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	10/01/25 09:05		Iwona	OK
2	CAL2	CAL2	CAL	10/01/25 09:08		Iwona	OK
3	CAL3	CAL3	CAL	10/01/25 09:11		Iwona	OK
4	CAL4	CAL4	CAL	10/01/25 09:15		Iwona	OK
5	CAL5	CAL5	CAL	10/01/25 09:18		Iwona	OK
6	CAL6	CAL6	CAL	10/01/25 09:20		Iwona	OK
7	CAL7	CAL7	CAL	10/01/25 09:23		Iwona	OK
8	CAL8	CAL8	CAL	10/01/25 09:25		Iwona	OK
9	ICV	ICV	ICV	10/01/25 09:28		Iwona	OK
10	ICB	ICB	ICB	10/01/25 09:30		Iwona	OK
11	CCV1	CCV1	CCV	10/01/25 09:33		Iwona	OK
12	CCB1	CCB1	CCB	10/01/25 09:35		Iwona	OK
13	LB137384BL	LB137384BL	MB	10/01/25 09:38		Iwona	OK
14	Q3254-01	MW-1	SAM	10/01/25 09:40		Iwona	OK
15	Q3254-01DUP	MW-1DUP	DUP	10/01/25 09:42		Iwona	OK
16	Q3254-03	MW-2	SAM	10/01/25 09:45		Iwona	OK
17	Q3254-05	MW-3	SAM	10/01/25 09:47		Iwona	OK
18	Q3254-07	MW-4	SAM	10/01/25 09:50		Iwona	OK

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

Instrument ID: WC TURBIDIMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137384

Review By	Iwona	Review On	10/1/2025 2:16:17 PM
Supervise By	JIGNESH	Supervise On	10/1/2025 2:17:07 PM
SubDirectory	LB137384	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	WP114990,WP114985,WP114983,WP114984,WP114982,WP114988,WP114987,WP114986

19	CCV2	CCV2	CCV	10/01/25 09:53		Iwona	OK
20	CCB2	CCB2	CCB	10/01/25 09:55		Iwona	OK

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

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB137393

Review By	jignesh	Review On	10/3/2025 11:36:35 AM
Supervise By	Iwona	Supervise On	10/10/2025 4:38:00 PM
SubDirectory	LB137393	Test	TDS

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	N/A

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137393BL	LB137393BL	MB	10/02/25 12:30		jignesh	OK
2	LB137393BS	LB137393BS	LCS	10/02/25 12:30		jignesh	OK
3	Q3254-01	MW-1	SAM	10/02/25 12:30		jignesh	OK
4	Q3254-03	MW-2	SAM	10/02/25 12:30		jignesh	OK
5	Q3254-05	MW-3	SAM	10/02/25 12:30		jignesh	OK
6	Q3254-07	MW-4	SAM	10/02/25 12:30		jignesh	OK
7	Q3254-07DUP	MW-4DUP	DUP	10/02/25 12:30		jignesh	OK

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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137417

Review By	rubina	Review On	10/3/2025 1:41:40 PM
Supervise By	Iwona	Supervise On	10/3/2025 4:37:40 PM
SubDirectory	LB137417	Test	Ammonia

STD. NAME	STD REF.#
ICAL Standard	WP115036
ICV Standard	WP115038
CCV Standard	WP115037
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP114786
Chk Standard	WP114799,WP114133,WP113929,WP114132

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	10/03/25 09:28		rubina	OK
2	0.1PPM	0.1PPM	CAL2	10/03/25 09:28		rubina	OK
3	0.2PPM	0.2PPM	CAL3	10/03/25 09:28		rubina	OK
4	0.4PPM	0.4PPM	CAL4	10/03/25 09:28		rubina	OK
5	1.0PPM	1.0PPM	CAL5	10/03/25 09:28		rubina	OK
6	1.3PPM	1.3PPM	CAL6	10/03/25 09:28		rubina	OK
7	2.0PPM	2.0PPM	CAL7	10/03/25 09:28		rubina	OK
8	ICV1	ICV1	ICV	10/03/25 10:18		rubina	OK
9	ICB1	ICB1	ICB	10/03/25 10:18		rubina	OK
10	CCV1	CCV1	CCV	10/03/25 10:18		rubina	OK
11	CCB1	CCB1	CCB	10/03/25 10:18		rubina	OK
12	RL	RL	LOQ	10/03/25 10:18		rubina	OK
13	PB169946BL	PB169946BL	MB	10/03/25 10:29		rubina	OK
14	PB169946BS	PB169946BS	LCS	10/03/25 10:29		rubina	OK
15	Q3254-01	MW-1	SAM	10/03/25 10:29		rubina	OK
16	Q3254-03	MW-2	SAM	10/03/25 10:29	NH3 is high , need dilution	rubina	Dilution
17	Q3254-05	MW-3	SAM	10/03/25 10:29	NH3 is high , need dilution	rubina	Dilution
18	Q3254-07	MW-4	SAM	10/03/25 10:29	NH3 is high , need dilution	rubina	Dilution

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137417

Review By	rubina	Review On	10/3/2025 1:41:40 PM
Supervise By	Iwona	Supervise On	10/3/2025 4:37:40 PM
SubDirectory	LB137417	Test	Ammonia

STD. NAME	STD REF.#
ICAL Standard	WP115036
ICV Standard	WP115038
CCV Standard	WP115037
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP114786
Chk Standard	WP114799,WP114133,WP113929,WP114132

19	Q3258-06	COMPOSITE	SAM	10/03/25 10:29		rubina	OK
20	Q3263-01	251818	SAM	10/03/25 10:29		rubina	OK
21	Q3263-02	266380	SAM	10/03/25 10:29		rubina	OK
22	CCV2	CCV2	CCV	10/03/25 10:39		rubina	OK
23	CCB2	CCB2	CCB	10/03/25 10:39		rubina	OK
24	Q3263-02DUP	266380DUP	DUP	10/03/25 10:39		rubina	OK
25	Q3263-02MS	266380MS	MS	10/03/25 10:39		rubina	OK
26	Q3263-02MSD	266380MSD	MSD	10/03/25 10:40		rubina	OK
27	Q3268-01	WATER-TREATMENT	SAM	10/03/25 10:40		rubina	OK
28	CCV3	CCV3	CCV	10/03/25 10:46		rubina	OK
29	CCB3	CCB3	CCB	10/03/25 10:46		rubina	OK
30	Q3254-03DL	MW-2DL	SAM	10/03/25 11:10	10X For NH3	rubina	Confirms
31	Q3254-05DL	MW-3DL	SAM	10/03/25 11:10	5X For NH3	rubina	Confirms
32	Q3254-07DL	MW-4DL	SAM	10/03/25 11:10	10X For NH3	rubina	Confirms
33	CCV4	CCV4	CCV	10/03/25 11:10		rubina	OK
34	CCB4	CCB4	CCB	10/03/25 11:10		rubina	OK

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Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB137419

Review By	jignesh	Review On	10/3/2025 12:53:44 PM
Supervise By	Iwona	Supervise On	10/3/2025 2:37:22 PM
SubDirectory	LB137419	Test	TSS

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	N/A

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137419BL	LB137419BL	MB	10/03/25 13:30		jignesh	OK
2	LB137419BS	LB137419BS	LCS	10/03/25 13:30		jignesh	OK
3	Q3254-01	MW-1	SAM	10/03/25 13:30		jignesh	OK
4	Q3254-03	MW-2	SAM	10/03/25 13:30		jignesh	OK
5	Q3254-05	MW-3	SAM	10/03/25 13:30		jignesh	OK
6	Q3254-07	MW-4	SAM	10/03/25 13:30		jignesh	OK
7	Q3258-06	COMPOSITE	SAM	10/03/25 13:30		jignesh	OK
8	Q3260-02	COMP	SAM	10/03/25 13:30		jignesh	OK
9	Q3260-02DUP	COMPDUP	DUP	10/03/25 13:30		jignesh	OK
10	Q3263-01	251818	SAM	10/03/25 13:30		jignesh	OK
11	Q3263-02	266380	SAM	10/03/25 13:30		jignesh	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137420

Review By	rubina	Review On	10/6/2025 1:46:32 PM
Supervise By	Iwona	Supervise On	10/6/2025 1:56:19 PM
SubDirectory	LB137420	Test	TKN

STD. NAME	STD REF.#
ICAL Standard	WP114963
ICV Standard	WP114965
CCV Standard	WP114964
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP114966
Chk Standard	WP114799,WP114133,WP113929,WP114132

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	10/03/25 11:54		rubina	OK
2	0.5PPM	0.5PPM	CAL2	10/03/25 11:54		rubina	OK
3	1.0PPM	1.0PPM	CAL3	10/03/25 11:54		rubina	OK
4	2.5PPM	2.5PPM	CAL4	10/03/25 11:54		rubina	OK
5	5.0PPM	5.0PPM	CAL5	10/03/25 11:54		rubina	OK
6	6.7PPM	6.7PPM	CAL6	10/03/25 11:54		rubina	OK
7	10.0PPM	10.0PPM	CAL7	10/03/25 11:54		rubina	OK
8	ICV1	ICV1	ICV	10/03/25 14:22		rubina	OK
9	ICB1	ICB1	ICB	10/03/25 14:22		rubina	OK
10	CCV1	CCV1	CCV	10/03/25 14:22		rubina	OK
11	CCB1	CCB1	CCB	10/03/25 14:22		rubina	OK
12	RL	RL	LOQ	10/03/25 14:22		rubina	OK
13	PB169955BL	PB169955BL	MB	10/03/25 14:22		rubina	OK
14	PB169955BS	PB169955BS	LCS	10/03/25 14:22		rubina	OK
15	Q3254-01	MW-1	SAM	10/03/25 14:22		rubina	OK
16	Q3254-03	MW-2	SAM	10/03/25 14:22	TKN is high	rubina	Dilution
17	Q3254-05	MW-3	SAM	10/03/25 14:22		rubina	OK
18	Q3254-07	MW-4	SAM	10/03/25 14:22	TKN is high	rubina	Dilution

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137420

Review By	rubina	Review On	10/6/2025 1:46:32 PM
Supervise By	Iwona	Supervise On	10/6/2025 1:56:19 PM
SubDirectory	LB137420	Test	TKN

STD. NAME	STD REF.#
ICAL Standard	WP114963
ICV Standard	WP114965
CCV Standard	WP114964
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP114966
Chk Standard	WP114799,WP114133,WP113929,WP114132

19	Q3263-01	251818	SAM	10/03/25 14:33		rubina	OK
20	Q3263-02	266380	SAM	10/03/25 14:33		rubina	OK
21	Q3263-02DUP	266380DUP	DUP	10/03/25 14:33		rubina	OK
22	CCV2	CCV2	CCV	10/03/25 14:33		rubina	OK
23	CCB2	CCB2	CCB	10/03/25 14:33		rubina	OK
24	Q3263-02MS	266380MS	MS	10/03/25 14:33		rubina	OK
25	Q3263-02MSD	266380MSD	MSD	10/03/25 14:33		rubina	OK
26	CCV3	CCV3	CCV	10/03/25 14:33		rubina	OK
27	CCB3	CCB3	CCB	10/03/25 14:33		rubina	OK
28	Q3254-03DL	MW-2DL	SAM	10/03/25 14:33	2X For TKN	rubina	Confirms
29	Q3254-07DL	MW-4DL	SAM	10/03/25 14:38	2X For TKN	rubina	Confirms
30	CCV4	CCV4	CCV	10/03/25 14:38		rubina	OK
31	CCB4	CCB4	CCB	10/03/25 14:38		rubina	OK

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Instrument ID: TITRATOR

Daily Analysis Runlog For Sequence/QCBatch ID # LB137431

Review By	rubina	Review On	10/7/2025 9:30:58 AM
Supervise By	Iwona	Supervise On	10/7/2025 12:58:20 PM
SubDirectory	LB137431	Test	Alkalinity

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	WP115070
Chk Standard	W3150,W3178,W3217

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137431BLW	LB137431BLW	MB	10/06/25 12:15	pH=4.56	Iwona	OK
2	LB137431BSW	LB137431BSW	LCS	10/06/25 12:19	pH=4.40	Iwona	OK
3	Q3019-05	WP0925-PT-MIN1-WP	SAM	10/06/25 12:24	pH=4.38	Iwona	OK
4	Q3202-01	SY-6	SAM	10/06/25 12:30	pH=4.35	Iwona	OK
5	Q3202-01DUP	SY-6DUP	DUP	10/06/25 12:34	pH=4.33	Iwona	OK
6	Q3202-03	SY-2R	SAM	10/06/25 12:37	pH=4.36	Iwona	OK
7	Q3202-05	SY-2D	SAM	10/06/25 12:42	pH=4.28	Iwona	OK
8	Q3202-07	SY-5	SAM	10/06/25 12:46	pH=4.35	Iwona	OK
9	Q3202-09	SY-3DD	SAM	10/06/25 12:50	Need lower Alkalinity	Iwona	Not Ok
10	Q3202-11	SY-3D	SAM	10/06/25 12:55	pH=4.43	Iwona	OK
11	Q3202-17	SY-3	SAM	10/06/25 12:59	pH=4.41	Iwona	OK
12	Q3254-01	MW-1	SAM	10/06/25 13:04	pH=4.25	Iwona	OK
13	Q3254-03	MW-2	SAM	10/06/25 13:10	pH=4.44	Iwona	OK
14	Q3254-05	MW-3	SAM	10/06/25 13:14	pH=4.22	Iwona	OK
15	Q3254-07	MW-4	SAM	10/06/25 13:20	pH=4.48	Iwona	OK

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Prep Standard - Chemical Standard Summary

Order ID : Q3254

Test : Alkalinity,Ammonia,Anions Group1,BOD5,TDS,TKN,Total Nitrogen,TSS,Turbidity

Prepbatch ID : PB169946,PB169955,

Sequence ID/Qc Batch ID: LB137381,LB137383,LB137384,LB137393,LB137417,LB137419,LB137420,LB137431,LB137499,

Standard ID :
WP112611,WP112612,WP112796,WP112828,WP112832,WP113135,WP113878,WP113885,WP113886,WP113887,WP113929,WP114132,WP114133,WP114445,WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683,WP114684,WP114685,WP114686,WP114711,WP114712,WP114713,WP114785,WP114786,WP114799,WP114963,WP114964,WP114965,WP114966,WP114967,WP114968,WP114982,WP114983,WP114984,WP114985,WP114986,WP114987,WP114988,WP114990,WP114992,WP114993,WP114994,WP115036,WP115037,WP115038,WP115069,WP115070,

Chemical ID :
M6041,M6186,W2647,W2653,W2654,W2663,W2666,W2983,W3078,W3081,W3103,W3105,W3109,W3112,W3113,W3132,W3133,W3148,W3149,W3150,W3155,W3163,W3178,W3180,W3195,W3196,W3197,W3199,W3201,W3212,W3215,W3217,W3222,W3233,

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
153	Ammonia Stock Std. (1000 ppm)	WP112611	04/07/2025	11/08/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 04/07/2025

FROM 3.81900gram of W3196 + 95.00000ml of W3112 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1895	Ammonia Stock Std, 1000PPM-SS	WP112612	04/07/2025	10/07/2025	Rubina Mughal	WETCHEM_SCALE_8 (WCSC-7)	None	Iwona Zarych 04/07/2025

FROM 3.81900gram of W3195 + 996.18100ml of W3112 = Final Quantity: 1000.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4035	IC ELUENT CONCENTRATE FOR IC-1	WP112796	04/22/2025	10/22/2025	Iwona Zarych	WETCHEM_SCALE_5 (WCSC-5)	None	Jignesh Parikh 04/22/2025

FROM 2.10000gram of W2647 + 84.75000gram of W3163 + 913.15000ml of W3112 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1597	0.04 N H2SO4	WP112828	04/25/2025	10/25/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 04/25/2025

FROM 1.00000ml of M6041 + 999.00000ml of W3112 = Final Quantity: 1000.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1841	Sulfuric Acid, 1N	WP112832	04/25/2025	10/25/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 04/25/2025

FROM 2.80000ml of M6041 + 97.20000ml of W3112 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
619	TKN digestion solution	WP113135	05/20/2025	11/20/2025	Rubina Mughal	WETCHEM_SCALE_8 (WCSC-7)	None	Iwona Zarych 05/20/2025

FROM 134.00000gram of W2983 + 134.00000ml of M6041 + 7.30000gram of W3199 + 725.00000ml of W3112 = Final Quantity: 1000.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1571	Sodium hydroxide, 1N	WP113878	07/09/2025	12/31/2025	Iwona Zarych	WETCHEM_SCALE_7 (WCSC-6)	None	Jignesh Parikh 07/09/2025

FROM 4.00000gram of W3113 + 96.00000ml of W3112 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1796	NaOH, 0.1N	WP113885	07/10/2025	12/31/2025	Rubina Mughal	WETCHEM_SCALE_8 (WCSC-7)	None	Iwona Zarych 07/10/2025

FROM 4.00000gram of W3113 + 996.00000ml of W3112 = Final Quantity: 1000.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1494	BORATE BUFFER	WP113886	07/10/2025	12/31/2025	Rubina Mughal	WETCHEM_SCALE_8 (WCSC-7)	None	Iwona Zarych 07/10/2025

FROM 0.90250L of W3112 + 9.50000gram of W3201 + 88.00000ml of WP113885 = Final Quantity: 1.000 L

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1471	NaOH Solution, 6N	WP113887	07/10/2025	12/31/2025	Rubina Mughal	WETCHEM_SCALE_8 (WCSC-7)	None	Iwona Zarych 07/10/2025

FROM 240.00000gram of W3113 + 760.00000ml of W3112 = Final Quantity: 1000.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
290	Phenol reagent for Ammonia	WP113929	07/14/2025	12/31/2025	Rubina Mughal	WETCHEM_SCALE_8 (WCSC-7)	None	Iwona Zarych 07/15/2025

FROM 3.20000gram of W3113 + 8.30000gram of W2663 + 88.80000ml of W3112 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
635	EDTA BUFFER FOR AMMONIA	WP114132	07/31/2025	12/31/2025	Rubina Mughal	WETCHEM_SCALE_8 (WCSC-7)	None	Iwona Zarych 07/31/2025

FROM 5.50000gram of W3113 + 50.00000gram of W3132 + 950.00000ml of W3112 = Final Quantity: 1000.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
289	Sodium Hypochlorite for Ammonia	WP114133	07/31/2025	12/31/2025	Rubina Mughal	None	None	Iwona Zarych 08/04/2025

FROM 50.00000ml of W3112 + 50.00000ml of W3222 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1338	TKN DISTILLING BUFFER	WP114445	08/27/2025	12/31/2025	Rubina Mughal	WETCHEM_SCALE_8 (WCSC-7)	None	Iwona Zarych 09/03/2025

FROM 0.47500L of W3112 + 25.00000gram of W3148 + 500.00000gram of W3113 = Final Quantity: 1.000 L

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2487	Anions 300/9056 calibration standard 1	WP114677	09/09/2025	09/10/2025	Iwona Zarych	None	None	Jignesh Parikh 09/11/2025

FROM 10.00000ml of W3112 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
24	Anions 300/9056 calibration standard 2	WP114678	09/09/2025	09/10/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 09/11/2025

FROM 0.20000ml of W3180 + 9.80000ml of W3112 = Final Quantity: 10.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
25	Anions 300/9056 calibration standard 3	WP114679	09/09/2025	09/10/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 09/11/2025

FROM 0.40000ml of W3180 + 9.60000ml of W3112 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
26	Anions 300/9056 calibration standard 4	WP114680	09/09/2025	09/10/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 09/11/2025

FROM 0.50000ml of W3180 + 9.50000ml of W3112 = Final Quantity: 10.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3680	Anions 300/9056 calibration standard 5-CCV	WP114681	09/09/2025	09/10/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 09/11/2025

FROM 45.00000ml of W3112 + 5.00000ml of W3180 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3679	Anions 300/9056 calibration standard 6	WP114682	09/09/2025	09/10/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 09/11/2025

FROM 2.00000ml of W3180 + 8.00000ml of W3112 = Final Quantity: 10.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3681	Anions 300/9056 calibration standard 7	WP114683	09/09/2025	09/10/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 09/11/2025

FROM 2.50000ml of W3180 + 7.50000ml of W3112 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3233	Anions 300/9056 ICV-LCS std	WP114684	09/09/2025	09/10/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 09/11/2025

FROM 45.00000ml of W3112 + 5.00000ml of W3197 = Final Quantity: 50.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4036	IC ELUENT FOR IC-1	WP114685	09/09/2025	10/09/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 09/11/2025

FROM 1980.00000ml of W3112 + 20.00000ml of WP112796 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4037	IC H2SO4 FOR IC-1	WP114686	09/09/2025	10/09/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 09/11/2025

FROM 5.60000ml of M6186 + 994.40000ml of W3112 = Final Quantity: 1000.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1167	hydrazine sulfate solution 1	WP114711	09/09/2025	10/09/2025	Iwona Zarych	WETCHEM_SCALE_5 (WCSC-5)	None	Jignesh Parikh 09/11/2025

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	WP114712	09/09/2025	10/09/2025	Iwona Zarych	WETCHEM_SCALE_5 (WCSC-5)	None	Jignesh Parikh 09/11/2025

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	WP114713	09/09/2025	10/09/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 09/11/2025

FROM 90.00000ml of W3112 + 5.00000ml of WP114711 + 5.00000ml of WP114712 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1322	Ammonia Intermediate Std, 50PPM	WP114785	09/16/2025	10/07/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 09/17/2025

FROM 95.00000ml of W3112 + 5.00000ml of WP112611 = 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
1639	Ammonia Intermediate Std-Second source, 50PPM	WP114786	09/16/2025	10/07/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 09/17/2025

FROM 95.00000ml of W3112 + 5.00000ml of WP112612 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
740	sodium nitroferricyanide for ammonia	WP114799	09/17/2025	10/17/2025	Rubina Mughal	WETCHEM_SCALE_5 (WCSC-5)	None	Jignesh Parikh 09/18/2025

FROM 0.05000gram of W2666 + 99.95000ml 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
295	TKN Calibration Std (10 ppm)	WP114963	09/30/2025	10/07/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 09/30/2025

FROM 49.50000ml of W3112 + 0.50000ml of WP112611 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
297	TKN CCV STD 5 ppm	WP114964	09/30/2025	10/07/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 09/30/2025

FROM 49.75000ml of W3112 + 0.25000ml of WP112611 = Final Quantity: 50.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
296	TKN ICV STD 5 ppm	WP114965	09/30/2025	10/07/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 09/30/2025

FROM 49.75000ml of W3112 + 0.25000ml of WP112612 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
298	TKN LCS STD 5 ppm	WP114966	09/30/2025	10/07/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 09/30/2025

FROM 49.75000ml of W3112 + 0.25000ml of WP112612 = Final Quantity: 50.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3680	Anions 300/9056 calibration standard 5-CCV	WP114967	09/30/2025	10/01/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 10/03/2025

FROM 45.00000ml of W3112 + 5.00000ml of W3180 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3233	Anions 300/9056 ICV-LCS std	WP114968	09/30/2025	10/01/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 10/03/2025

FROM 45.00000ml of W3112 + 5.00000ml of W3197 = Final Quantity: 50.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3719	Turbidity Calibration std, 200NTU	WP114982	10/01/2025	10/09/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 10/03/2025

FROM 25.00000ml of W3112 + 25.00000ml of WP114713 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3717	Turbidity Calibration std, 80NTU	WP114983	10/01/2025	10/02/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 10/03/2025

FROM 80.00000ml of W3112 + 20.00000ml of WP114713 = 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
3718	Turbidity Calibration std, 40NTU	WP114984	10/01/2025	10/02/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 10/03/2025

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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3714	Turbidity Calibration std, 20NTU	WP114985	10/01/2025	10/02/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 10/03/2025

FROM 95.00000ml of W3112 + 5.00000ml of WP114713 = 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
3807	Turbidity Calibration - CCV std, 10 NTU	WP114986	10/01/2025	10/02/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 10/03/2025

FROM 97.50000ml of W3112 + 2.50000ml of WP114713 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3722	Turbidity Calibration std, 5NTU	WP114987	10/01/2025	10/02/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 10/03/2025

FROM 87.50000ml of W3112 + 12.50000ml of WP114984 = 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
3720	Turbidity Calibration std, 1NTU	WP114988	10/01/2025	10/02/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 10/03/2025

FROM 97.50000ml of W3112 + 2.50000ml of WP114984 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3713	Turbidity Calibration std, 0NTU	WP114990	10/01/2025	10/02/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 10/03/2025

FROM 100.00000ml 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
127	BOD Dilution fluid	WP114992	10/01/2025	10/02/2025	Rubina Mughal	None	None	Iwona Zarych 10/02/2025

FROM 18.00000L of W3112 + 3.00000PILLOW of W3233 = Final Quantity: 18.000 L

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
129	Glutamic acid-glucose mix for BOD	WP114993	10/01/2025	10/02/2025	Rubina Mughal	WETCHEM_SCALE_7 (WCSC-6)	None	Iwona Zarych 10/02/2025

FROM 0.15000gram of W2653 + 0.15000gram of W2654 + 1000.00000ml of W3112 = Final Quantity: 1000.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
128	polyseed seed control	WP114994	10/01/2025	10/02/2025	Rubina Mughal	None	None	Iwona Zarych 10/02/2025

FROM 1.00000PILLOW of W3212 + 300.00000ml of WP114992 = Final Quantity: 300.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
275	Ammonia Calibration Std. (2 ppm)	WP115036	10/03/2025	10/04/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 10/03/2025

FROM 48.00000ml of W3112 + 2.00000ml of WP114785 = Final Quantity: 50.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
285	Ammonia CCV Std. (1 ppm)	WP115037	10/03/2025	10/04/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 10/03/2025

FROM 49.00000ml of W3112 + 1.00000ml of WP114785 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
286	Ammonia ICV Std. (1 ppm)	WP115038	10/03/2025	10/04/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 10/03/2025

FROM 49.00000ml of W3112 + 1.00000ml of WP114786 = Final Quantity: 50.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3407	Acidity-Alkalinity Stock Std(-+2500PPM)	WP115069	10/06/2025	10/13/2025	Iwona Zarych	WETCHEM_SCALE_5 (WCSC-5)	None	Jignesh Parikh 10/09/2025

FROM 0.62500gram of W3163 + 249.40000ml of W3112 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
293	alkalinity LCSW 50 ppm	WP115070	10/06/2025	10/13/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 10/09/2025

FROM 196.00000ml of W3112 + 4.00000ml of WP115069 = Final Quantity: 200.000 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 #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	23D2462010	03/20/2028	08/16/2024 / mohan	08/16/2024 / mohan	M6041

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	23D2462010	07/12/2026	08/13/2025 / Sagar	08/06/2025 / Sagar	M6186

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	J3506-5 / SODIUM BICARBONATE, PWD, ACS, 2.5KG	0000240594	06/03/2026	02/24/2020 / AMANDEEP	01/20/2020 / apatel	W2647

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	AC156212500 / GLUTAMIC ACID BIOCHEM REG, 250G	A0405990	01/24/2030	01/24/2020 / apatel	01/24/2020 / apatel	W2653

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	D16-500 / DEXTROSE ANHYDROUS ACS REAGENT, 500G(New)	186122A	01/24/2030	01/24/2020 / apatel	01/24/2020 / apatel	W2654

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	P1060-10 / PHENOL, ACS, 500G	2HD0179	01/27/2030	01/27/2020 / apatel	01/27/2020 / apatel	W2663

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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.	87683 / Sodium Nitroferricyanide 250g	W12F013	02/10/2030	02/10/2020 / apatel	02/10/2020 / apatel	W2666

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	J3278-5 / Potassium Sulfate, 2.5 Kgs	SLCM9788	11/21/2027	11/21/2022 / Iwona	11/21/2022 / Iwona	W2983

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 #
PCI Scientific Supply, Inc.	4620-32 / MANGANOUS SULFATE SOLUTION-364	2403J02	03/31/2026	04/22/2024 / Iwona	04/22/2024 / Iwona	W3103

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	AL69870-8 / SODIUM THIOSULFATE,0.025N,4LITRE	4403S13	09/30/2025	04/22/2024 / Iwona	04/22/2024 / Iwona	W3105

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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.	AL04100-4 / Alkaline Iodide Azide, 1 L	1405D67	04/30/2026	05/23/2024 / Iwona	05/23/2024 / Iwona	W3109

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 #
PCI Scientific Supply, Inc.	PC19510-7 / Sodium Hydroxide Pellets 12 Kg	23B1556310	12/31/2025	07/08/2024 / Iwona	07/08/2024 / Iwona	W3113

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC05050-1 / EDTA, disodium salt, dihydrate 1 lb	2ND0156	07/10/2026	07/26/2024 / Iwona	07/26/2024 / Iwona	W3132

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	140476 / Test Paper,PH Short Range 9.0/10.0	L23	08/22/2029	08/22/2024 / Iwona	08/22/2024 / Iwona	W3133

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	J3946-1 / Sodium Thiosulfate Pentahydrate, 500 gms	MKCW3077	07/31/2029	10/07/2024 / Iwona	10/07/2024 / Iwona	W3148

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	AL70850-8 / Starch Solution, 4L	4408P62	08/31/2026	10/16/2024 / Iwona	10/16/2024 / Iwona	W3149

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	AL74050-8 / SULFURIC ACID, 0.02N, 4L	235420	03/31/2029	11/04/2024 / Iwona	11/04/2024 / Iwona	W3150

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	140730 / TEST PAPER,POT.IOD-STRCH,PK100,CS12	14-860	12/02/2029	12/02/2024 / Iwona	12/02/2024 / Iwona	W3155

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	EM-SX0395-3 / SODIUM CARBONATE ANHYDR 2.5KG	24E3156178	09/30/2027	12/10/2024 / Iwona	12/10/2024 / Iwona	W3163

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	AL14055-3 / PH 4 BUFFER SOLUTION	2411A93	10/30/2026	04/01/2025 / JIGNESH	01/27/2025 / jignesh	W3178

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	300-CAL-A-500ML / 300.0 Calibration Standard, 500 ml	V2-MEB742616	02/19/2026	02/19/2025 / Iwona	01/27/2025 / Iwona	W3180

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	J0660-1 / AMMONIUM CHLORIDE, ACS, 500G	24L0356561	08/31/2027	03/19/2025 / Iwona	03/19/2025 / Iwona	W3195

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	J0660-1 / AMMONIUM CHLORIDE, ACS, 500G	MKCV1009	09/30/2026	03/19/2025 / Iwona	03/19/2025 / Iwona	W3196

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	300-CAL-A-500ML / 300.0 Calibration Standard, 500 ml	040525	04/05/2027	04/08/2025 / Iwona	04/08/2025 / Iwona	W3197

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	0330-500G / Cupric Sulfate Pentahydrate	24H0956271	05/31/2027	04/11/2025 / Iwona	04/11/2025 / Iwona	W3199

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	J3568-1 / Sodium Borate, 500 gms	BCCL9613	05/31/2029	04/16/2025 / Iwona	04/16/2025 / Iwona	W3201

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	136742-80 / POLYSEED	132409	09/30/2026	05/21/2025 / Iwona	05/21/2025 / Iwona	W3212

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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.	140444 / TEST PAPERS,PH 0-14,.5 SENSI,100PK	10D3242	12/31/2028	06/09/2025 / Iwona	06/09/2025 / Iwona	W3215

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	AL14455-3 / buffer solution pH 7 yellow	2504D34	03/31/2027	07/02/2025 / jignesh	06/26/2025 / Iwona	W3217

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	J9416-1 / Sodium Hypochlorite 500 ml	2506M51	12/31/2025	07/02/2025 / Iwona	07/02/2025 / Iwona	W3222

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
HACH	1486266 / BOD Nutrient Buffer Pillows, 6 mL concentrate to make 6 L, 50/pk	A5105	05/31/2030	08/14/2025 / rubina	07/21/2025 / Iwona	W3233

Sodium Bicarbonate, Powder
BAKER ANALYZED® A.C.S. Reagent

(sodium hydrogen carbonate)

Material No.: 3506-05
Batch No.: 0000240594
Manufactured Date: 2019/06/05
Retest Date: 2026/06/03
Revision No: 1

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
Assay ($NaHCO_3$) (dried basis)	99.7 - 100.3 %	100.1
Insoluble Matter	<= 0.015 %	< 0.002
Chloride (Cl)	<= 0.003 %	0.003
Phosphate (PO_4)	<= 0.001 %	0.001
Sulfur Compounds (as SO_4)	<= 0.003 %	0.003
Calcium (Ca)	<= 0.02 %	0.02
Trace Impurities - Iron (Fe)	<= 0.001 %	0.001
Magnesium (Mg)	<= 0.005 %	0.005
Potassium (K)	<= 0.005 %	0.005
Ammonium (NH_4)	<= 5 ppm	5
Trace Impurities - ACS - Heavy Metals (as Pb)	<= 5 ppm	5

For Laboratory, Research or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US
Packaging Site: Paris Mfg Ctr & DC

Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

spectrum® CHEMICAL MFG CORP

Certificate Of Analysis

Item Number	P1060	Lot Number	2HD0179
Item	Phenol, Loose Crystal, Reagent, ACS		
CAS Number	108-95-2		
Molecular Formula	C_6H_6O	Molecular Weight	94.11

Test	Specification		Result
	min	max	
ASSAY (C_6H_5OH)	99.0 %		100.02 %
FREEZING POINT (DRY)	40.5 C		40.5°C
CLARITY OF SOLUTION	TO PASS TEST		PASSES TEST
RESIDUE AFTER EVAPORATION		0.05 %	<0.05 %
WATER		0.5 %	0.0087 %
DATE OF MANUFACTURE			06-MAR-2018

Spectrum Chemical Mfg Corp
755 Jersey Avenue
New Brunswick 08901 NJ

Certificate Of Analysis Results Certified by

Ibad Tirmizi
Director of Quality
Spectrum Chemical Mfg. Corp.

All pharmaceutical ingredients are tested using current edition of applicable pharmacopeia.

Read and understand label and SDS before handling any chemicals. All Spectrum's chemicals are for manufacturing, processing, repacking or research purposes by experienced personnel only. It is the customer's responsibility to provide adequate hazardous material training and ensure that appropriate Personal Protective Equipment (PPE) is used before handling any chemical.

ThermoFisher SCIENTIFIC

Certificate of Analysis

W2666 Recived on 02/10/2020 by AP

Product No.:	87683
Product:	Sodium pentacyanonitrosylferrate(III) dihydrate, ACS, 99.0-102.0%
Lot No.:	W12F013

Test	Limits	Results
Assay	99.0 - 102.0 %	99.67 %
Insoluble	0.01 % max	0.0079 %
Chloride	0.02 % max	Not detected
Sulfate	To pass test	Passes test
Aqueous solubility	To pass test	Passes test
Limit on Ferricyanide	To pass test	Passes test
Limit on Ferrocyanide	To pass test	Passes test

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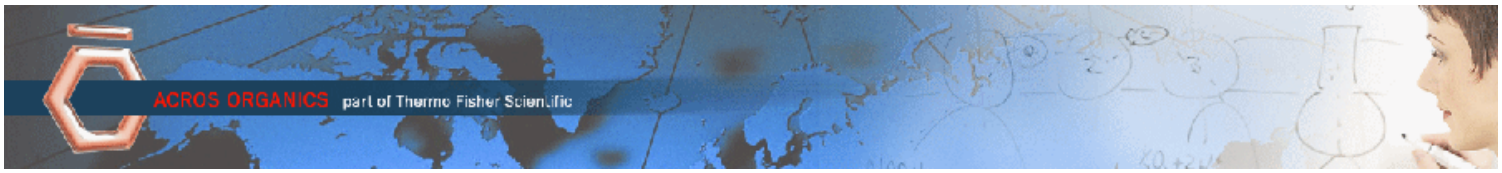

ACROS ORGANICS

Version	0
Molecular weight	147.13
Molecular formula	C5 H9 N O4
CAS No	56-86-0
Linear formula	HO2CCH2CH2CH(NH2)CO2H
Flash point (°C)	

Certificate of Analysis

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Catalog Number	15621	**Quality Test / Release Date**	13 March 2019
Lot Number	A0405990	**Suggested Retest Date**	March 2022

Description	L(+)-Glutamic acid,99%
Country of Origin	CHINA
Declaration of Origin	plant

Origin Comment	The product is made by fermentation of sugar molasses

Result Name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Infrared spectrum	Conforms	Conforms
Titration with NaOH	98.5 to 100.5 % (On dried substance)	99.32 % (On dried substance)
Loss on drying	=<0.5 % (105°C, 3 hrs)	0.002 % (105°C, 3 hrs)
Heavy metals (as Pb)	=<10 ppm	=<10 ppm
Sulfated ash	=<0.1 %	0.08 %
Other amino acids	not detectable	not detectable
Specific optical rotation	+30.5° to +32.5° (20°C, 589 nm) (on dried substance)	+32° (20°C, 589 nm) (on dried substance)
Specific optical rotation	(c=10, 2N HCl)	(c=10, 2N HCl)
Chloride (Cl)	=<200 ppm	=<200 ppm
Iron (Fe)	=<30 ppm	=<10 ppm
Sulfate (SO4)	=<300 ppm	=<200 ppm
Ammonium (NH4)	=<200 ppm	=<200 ppm
Arsenic oxide (As2O3)	=<1 ppm	=<1 ppm

L. Van den Broek, QA Manager Issued: 24 January 2020

Acros Organics
ENA23, zone 1, nr 1350, Janssen Pharmaceuticalaan 3a, B-2440 Geel, Belgium
Tel +32 14/57.52.11 - Fax +32 14/59.34.34 Internet: http://www.acros.com
1 Reagent Lane, Fair Lawn, NJ 07410,USA Fax 201-796-1329

Sigma-Aldrich.

~~H2978~~ W2983

Rec. 11/21/22 ,2

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:
Potassium sulfate - ReagentPlus®, ≥99.0%

Product Number:	**P0772**
Batch Number:	**SLCM9788**
Brand:	SIGALD
CAS Number:	7778-80-5
MDL Number:	MFCD00011388
Formula:	K2O4S
Formula Weight:	174.26 g/mol
Quality Release Date:	03 MAR 2022

K_2SO_4

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity) 10 g plus 150 mL, H2O	Clear	Clear
Titration with NaOH	≥ 99.0 %	99.2 %

Brian Dulle

Brian Dulle, Supervisor
Quality Assurance
St. Louis, Missouri US

ThermoFisher SCIENTIFIC

Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120632

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Catalog Number	D16	Quality Test / Release Date	03/19/2019
Lot Number	186122A		
Description	DEXTROSE, ANHYDROUS, A.C.S.		
Country of Origin	United States	Suggested Retest Date	Mar/2022
Chemical Origin	Organic - Plant		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		
Chemical Comment			

N/A

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White, granular powder
TITRATABLE ACID	MEQ/G	<= 0.002	<0.002
STARCH		= PASS TEST	pass test
SPECIFIC ROTATION @ 25 C	DEGREES (+ OR -)	Inclusive Between +52.5 - +53.0	53.0
SULFATE & SULFITE	%	<= 0.005	<0.005
IRON (Fe)	ppm	<= 5	<5
CHLORIDE	%	<= 0.01	<0.01
IGNITION RESIDUE	%	<= 0.02	<0.02
IDENTIFICATION	PASS/FAIL	= PASS TEST	pass test
HEAVY METALS (as Pb)	ppm	<= 5	<5
LOSS ON DRYING @ 105 C	%	<= 0.2	<0.2
INSOLUBLE MATTER	%	<= 0.005	0.002

Teresa Bailey-Wyche

Quality Assurance Specialist - Certificate of Analysis Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

M 6041-46
MS

avantor™ | J.T.Baker®

Material No.: 9673-33
Batch No.: 23D2462010
Manufactured Date: 2023-03-22
Retest Date: 2028-03-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (H_2SO_4)	95.0 – 98.0 %	96.1 %
Appearance	Passes Test	Passes Test
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Substances Reducing Permanganate (as SO2)	≤ 2 ppm	< 2 ppm
Ammonium (NH_4)	≤ 1 ppm	1 ppm
Chloride (Cl)	≤ 0.1 ppm	< 0.1 ppm
Nitrate (NO_3)	≤ 0.2 ppm	< 0.1 ppm
Phosphate (PO_4)	≤ 0.5 ppm	< 0.1 ppm
Trace Impurities – Aluminum (Al)	≤ 30.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 4.0 ppb	< 2.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	8.5 ppb
Trace Impurities – Cadmium (Cd)	≤ 2.0 ppb	< 0.3 ppb
Trace Impurities – Chromium (Cr)	≤ 6.0 ppb	< 0.4 ppb
Trace Impurities – Cobalt (Co)	≤ 0.5 ppb	< 0.3 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Gold (Au)	≤ 10.0 ppb	0.5 ppb
Heavy Metals (as Pb)	≤ 500.0 ppb	< 100.0 ppb
Trace Impurities – Iron (Fe)	≤ 50.0 ppb	1.3 ppb
Trace Impurities – Lead (Pb)	≤ 0.5 ppb	< 0.5 ppb
Trace Impurities – Magnesium (Mg)	≤ 7.0 ppb	0.8 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Nickel (Ni)	≤ 2.0 ppb	0.3 ppb
Trace Impurities – Potassium (K)	≤ 500.0 ppb	< 2.0 ppb
Trace Impurities – Selenium (Se)	≤ 50.0 ppb	< 0.1 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	31.5 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb

>>> Continued on page 2 >>>

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

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Material No.: 9673-33
Batch No.: 23D2462010

Test	Specification	Result
Trace Impurities - Sodium (Na)	≤ 500.0 ppb	5.4 ppb
Trace Impurities - Strontium (Sr)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	< 0.8 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	0.4 ppb

For Laboratory,Research,or Manufacturing Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier

Jamie Ethier
Vice President Global Quality

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker®

M6186

Recien Date 8- 08/06/25

Material No.: 9673-33
Batch No.: 23D2462010
Manufactured Date: 2023-03-22
Retest Date: 2028-03-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H_2SO_4)	95.0 - 98.0 %	96.1 %
Appearance	Passes Test	Passes Test
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Substances Reducing Permanganate (as SO2)	≤ 2 ppm	< 2 ppm
Ammonium (NH_4)	≤ 1 ppm	1 ppm
Chloride (Cl)	≤ 0.1 ppm	< 0.1 ppm
Nitrate (NO_3)	≤ 0.2 ppm	< 0.1 ppm
Phosphate (PO_4)	≤ 0.5 ppm	< 0.1 ppm
Trace Impurities - Aluminum (Al)	≤ 30.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 4.0 ppb	< 2.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	8.5 ppb
Trace Impurities - Cadmium (Cd)	≤ 2.0 ppb	< 0.3 ppb
Trace Impurities - Chromium (Cr)	≤ 6.0 ppb	< 0.4 ppb
Trace Impurities - Cobalt (Co)	≤ 0.5 ppb	< 0.3 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gold (Au)	≤ 10.0 ppb	0.5 ppb
Heavy Metals (as Pb)	≤ 500.0 ppb	< 100.0 ppb
Trace Impurities - Iron (Fe)	≤ 50.0 ppb	1.3 ppb
Trace Impurities - Lead (Pb)	≤ 0.5 ppb	< 0.5 ppb
Trace Impurities - Magnesium (Mg)	≤ 7.0 ppb	0.8 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Nickel (Ni)	≤ 2.0 ppb	0.3 ppb
Trace Impurities - Potassium (K)	≤ 500.0 ppb	< 2.0 ppb
Trace Impurities - Selenium (Se)	≤ 50.0 ppb	< 0.1 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	31.5 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb

>>> Continued on page 2 >>>

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker®

Material No.: 9673-33
Batch No.: 23D2462010

Test	Specification	Result
Trace Impurities – Sodium (Na)	≤ 500.0 ppb	5.4 ppb
Trace Impurities – Strontium (Sr)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.8 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	0.4 ppb

For Laboratory,Research,or Manufacturing Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier
Jamie Ethier
Vice President Global Quality

W 3078 dec. 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. R. Schwenninger

Dr.Reinhold Schwenninger
Quality Assurance
Buchs,Switzerland CH

ThermoFisher SCIENTIFIC

Certificate of Analysis

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

RICCA CHEMICAL COMPANY®
1841 Broad Street
Pocomoke City, MD 21851
http://www.riccachemical.com
1-888-GO-RICCA
customerservice@riccachemical.com

W3103 Received on 4/22/24 by IZ

Certificate of Analysis

Manganous Sulfate Solution, 364 g/L

Lot Number: 2403J02 **Product Number:** 4620

Manufacture Date: MAR 15, 2024
Expiration Date: MAR 2026

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Manganous Sulfate Monohydrate	10034-96-5	Reagent
Sulfuric Acid	7664-93-9	ACS

Test	Specification	Result
Appearance	Pink liquid	Passed
Assay (by Refractive Index)	360-368 g/L	367 g/L

Specification	Reference
Manganous Sulfate Solution	ASTM (D 888 A)
Manganous Sulfate Solution	ASTM (D 888 A)
Manganous Sulfate Solution	APHA (4500-O E)
Manganous Sulfate Solution	APHA (4500-O F)
Manganous Sulfate Solution	APHA (4500-O D)
Manganous Sulfate Solution	APHA (4500-O E)
Manganous Sulfate Solution	APHA (4500-O F)
Manganous Sulfate Solution	APHA (4500-O D)
Manganous Sulfate Solution	APHA (4500-O C)
Manganous Sulfate Solution	APHA (4500-O C)
Manganous Sulfate Solution	EPA (360.2)
Manganous Sulfate Solution	EPA (360.2)

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
4620-32	1 L natural poly	24 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

Jose Pena (03/15/2024)
Operations Manager
This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

RICCA CHEMICAL COMPANY®

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customerservice@riccachemical.com

W3105 Received on 4/22/24 by IZ

Certificate of Analysis

Sodium Thiosulfate, 0.0250 Normal (N/40)

Lot Number: 4403S13 **Product Number:** 7900

Manufacture Date: MAR 29, 2024
Expiration Date: SEP 2025

This product is specially formulated to increase its stability. A preservative is added to prevent bacterial contamination. However, all Sodium Thiosulfate solutions are subject to slow chemical deterioration and should be restandardized periodically.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Thiosulfate Pentahydrate	10102-17-7	ACS
Organic Preservative	Proprietary	
Sodium Carbonate	497-19-8	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. Potassium Iodate/Starch)	0.02499-0.02501 N at 20°C	0.02501 N at 20°C	136

Specification	Reference
Standard Sodium Thiosulfate Solution, 0.0250 N	APHA (4500-S2- F)
Standard Sodium Thiosulfate Titrant	APHA (4500-O D)
Standard Sodium Thiosulfate Titrant	APHA (4500-O E)
Standard Sodium Thiosulfate Titrant	APHA (4500-O F)
Standard Sodium Thiosulfate Titrant, 0.025 N	APHA (4500-Cl B)
Standard Sodium Thiosulfate Titrant	APHA (4500-O C)
Standard Sodium Thiosulfate Titrant, 0.025 M	APHA (5530 C)
Standard Sodium Thiosulfate Solution (0.025 N)	EPA (SW-846) (9031)
Standard Sodium Thiosulfate solution (0.025 N)	EPA (SW-846) (9034)

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
7900-1	4 L natural poly	18 months
7900-16	500 mL natural poly	18 months
7900-1CT	4 L Cubitainer®	18 months
7900-32	1 L natural poly	18 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

Paul Brandon (03/29/2024)
Production Manager
This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

RICCA CHEMICAL COMPANY®

448 West Fork Dr
Arlington, TX 76012
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customerservice@riccachemical.com

Certificate of Analysis

Alkaline-Iodide-Azide, Pomeroy Formulation for Dissolved Oxygen (DO) Analysis

Lot Number: 1405D67 **Product Number:** 535

Manufacture Date: APR 05, 2024
Expiration Date: APR 2026

This solution is intended for use with samples with high Dissolved Oxygen content (above 15 mg/L) and for samples with high concentrations of organic material.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Iodide	7681-82-5	ACS
Sodium Hydroxide	1310-73-2	ACS
Sodium Azide	26628-22-8	Reagent

Test	Specification	Result
Appearance	Colorless liquid	Passed
Free Iodine	To Pass Test	Passed

Specification	Reference
Alkaline Iodide-Sodium Azide Solution II	ASTM (D 888 A)

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
535-32	1 L natural poly	24 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

Heidi J Green (04/05/2024)
Operations Manager

Certificate of Analysis

Sodium Hydroxide (Pellets)

Material: 0583

Grade: ACS GRADE

Batch Number: 23B1556310

Chemical Formula: NaOH
Molecular Weight: 40
CAS #: 1310-73-2
Appearance:

Pellets

Manufacture Date: 12/14/2022
Expiration Date: 12/31/2025

Storage: Room Temperature

TEST	SPECIFICATION	ANALYSIS	DISPOSITION
Calcium	<= 0.005 %	<0.005 %	PASS
Chloride	<= 0.005 %	0.002 %	PASS
Heavy Metals	<= 0.002 %	<0.002 %	PASS
Iron	<= 0.001 %	<0.001 %	PASS
Magnesium	<= 0.002 %	<0.002 %	PASS
Mercury	<= 0.1 ppm	<0.1 ppm	PASS
Nickel	<= 0.001 %	<0.001 %	PASS
Nitrogen Compounds	<= 0.001 %	<0.001 %	PASS
Phosphate	<= 0.001 %	<0.001 %	PASS
Potassium	<= 0.02 %	<0.02 %	PASS
Purity	>= 97.0 %	99.2 %	PASS
Sodium Carbonate	<= 1.0 %	0.5 %	PASS
Sulfate	<= 0.003 %	<0.003 %	PASS

Internal ID #: 710

Signature

We certify that this batch conforms to the specifications listed.

This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon
VWR Chemicals, LLC.
28600 Fountain Parkway, Solon OH 44139 USA

Additional Information

Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.

Certificate of Analysis

Sodium Hydroxide (Pellets)

Material: **0583**

Grade: **ACS GRADE**

Batch Number: **23B1556310**

Chemical Formula:	NaOH	Manufacture Date:	12/14/2022
Molecular Weight:	40	Expiration Date:	12/31/2025
CAS #:	1310-73-2		
Appearance:		Storage:	Room Temperature

Pellets

Spec Set: 0583ACS

Internal ID #: 710

Signature

We certify that this batch conforms to the specifications listed.

This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon
VWR Chemicals, LLC.
28600 Fountain Parkway, Solon OH 44139 USA

Additional Information

Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.

Certificate Of Analysis

Item Number	ED150	Lot Number	2ND0156
Item	Edetate Disodium, Dihydrate, USP	CAS Number	6381-92-6
Molecular Formula	$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$	Molecular Weight	372.24

TEST	SPECIFICATION		RESULT
	MIN	MAX	
ASSAY (DRIED BASIS)	99.0	101.0 %	99.5 %
pH OF A 5% SOLUTION @ 25°C	4.0	6.0	4.6
LOSS ON DRYING	8.7	11.4 %	8.90 %
CALCIUM (Ca)	NO PRECIPITATE IS FORMED		NO PRECIPITATE IS FORMED
ELEMENTAL IMPURITIES:			.
NICKEL (Ni)	AS REPORTED		<0.3 ppm
CHROMIUM (Cr)	AS REPORTED		<0.3 ppm
NITRILOTRIACETIC ACID[$n[(HOCOCH_2)_3N]$]		0.1 %	<0.10 %
IDENTIFICATION A	MATCHES REFERENCE		MATCHES REFERENCE
IDENTIFICATION B	RED COLOR IS DISCHARGED, LEAVING A YELLOWISH SOLUTION		RED COLOR IS DISCHARGED, LEAVING A YELLOWISH SOLUTION
IDENTIFICATION C	MEETS THE REQUIREMENTS FOR SODIUM		MEETS THE REQUIREMENTS FOR SODIUM
CERTIFIED HALAL			CERTIFIED HALAL
EXPIRATION DATE			10-JUL-2026
DATE OF MANUFACTURE			11-JUL-2023
APPEARANCE			WHITE CRYSTALLINE POWDER
RESIDUAL SOLVENTS		AS REPORTED	NO RESIDUAL SOLVENTS PRESENT
MONOGRAPH EDITION			USP 2024

Certificate of Analysis Results Entered By:

CACEVEDO
Charmian Acevedo
22-MAY-24 08:12:30

Certificate of Analysis Results Approved By:

GHERRERA
Genaro Herrera
22-MAY-24 12:32:01

Spectrum Chemical Mfg Corp
755 Jersey Avenue
New Brunswick 08901 NJ

All pharmaceutical ingredients are tested using current edition of applicable pharmacopeia.

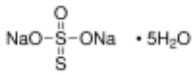
Read and understand label and SDS before handling any chemicals. All Spectrum's chemicals are for manufacturing, processing, repacking or research purposes by experienced personnel only. It is the customer's responsibility to provide adequate hazardous material training and ensure that appropriate Personal Protective Equipment (PPE) is used before handling any chemical.

The Elemental Impurities standards implemented by USP and other Pharmaceutical Compendia reflect a growing understanding of the toxicology of trace levels of elemental impurities that can remain in drug substances originating from either raw materials or manufacturing processes. Identifying and quantifying impurities can be critical to predicting the best possible patient outcomes. Elemental Impurities has been a requirement of all products meeting USP/NF, EP and BP monographs since January 1, 2018. More information can be found in USP sections <232> Elemental Impurities – Limits and <233> Elemental Impurities – Procedures. Data for drug substances furnished by Spectrum Chemical Mfg. Corp can be used to ensure that patient daily exposures by oral administration to the selected elements are not exceeded in the formulation of pharmaceutical products.

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:
Sodium thiosulfate pentahydrate - ACS reagent, ≥99.5%



Product Number:	**217247**
Batch Number:	**MKCW3077**
Brand:	SIGALD
CAS Number:	10102-17-7
MDL Number:	MFCD00149186
Formula:	Na2O3S2 · 5H2O
Formula Weight:	248.18 g/mol
Quality Release Date:	12 JUL 2024
Recommended Retest Date:	JUL 2029

Test	Specification	Result
Appearance (Color)	Colorless or White	White
Appearance (Form)	Powder or Crystals or Pellets	Crystals
ICP Major Analysis Confirms Sodium and Sulfur Components	Confirmed	Confirmed
Titration by Iodine	99.5 - 101.0 %	100.2 %
pH c = 5%; Water; At 25 Deg C	6.0 - 8.4	6.1
Insoluble Matter c = 10%; Water	≤ 0.005 %	< 0.001 %
Nitrogen Compounds	≤ 0.002 %	< 0.002 %
Sulfate & Sulfite (as SO4)	≤ 0.1 %	< 0.1 %
Sulfide	Pass	Pass
Meets ACS Requirements	Current ACS Specification	Conforms
Recommended Retest Period 5 Years	----------	----------

Larry Coers, Director
Quality Control
Milwaukee, WI US

RICCA CHEMICAL COMPANY®
1490 Lammers Pike
Batesville, IN 47006
http://www.riccachemical.com
1-888-GO-RICCA
customerservice@riccachemical.com

Certificate of Analysis

Starch Indicator, 0.5% (w/v), Mercury Free, for Iodometric Titrations

Lot Number: 4408P62 **Product Number:** 8000

Manufacture Date: AUG 28, 2024
Expiration Date: AUG 2026

This product is Mercury-free.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Starch, soluble	9005-84-9	ACS
Salicylic Acid	69-72-7	ACS

Test	Specification	Result
Appearance	White translucent liquid	Passed
Suitability for Use	Colorless (Iodine absent) - Blue (Iodine present)	Passed

Specification	Reference
Starch Solution	APHA (4500-S2- F)
Starch Indicator Solution	APHA (4500-Cl B)
Starch Indicator	APHA (4500-SO32- B)
Starch indicator solution	APHA (2350 B)
Starch indicator solution	APHA (2350 E)
Starch Solution	APHA (510 B)
Starch Solution	APHA (5530 C)
Starch Indicator	APHA (4500-Cl C)
Starch Indicator	EPA (345.1)

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
8000-1	4 L natural poly	24 months
8000-16	500 mL natural poly	24 months
8000-32	1 L natural poly	24 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

Paul Brandon (08/28/2024)
Production Manager

Certificate of Analysis

ThermoFisher SCIENTIFIC

Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	SA226	Quality Test / Release Date	03/18/2024
Lot Number	235420		
Description	SULFURIC ACID, 0.02N, CERTIFIED		
Country of Origin	United States	Suggested Retest Date	Mar/2029

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
COLOR	APHA	<= 5	<5
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
NORMALITY		Inclusive Between 0.0198 - 0.0202	0.0200
TRACEABLE TO NIST KHP STD	POT. ACID PHTHALATE	= LOT 84L	SRM 84l

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

W3163 Rec. on 12/10/24 by IZ

Certificate of Analysis

Material	BDH9284-2.5KG
Material Description	BDH SODIUM CARB ANHYD ACS 2.5KG
Grade	U S P REAGENT (ACS GRADE)
Batch	24E3156178
Reassay Date	09/30/2027
CAS Number	497-19-8
Molecular Formula	Na2CO3
Molecular Mass	105.99
Date of Manufacture	09/01/2023
Storage	Room Temperature

Material is hygroscopic. Protect from Moisture.
Additional Product Description:

Characteristics	Specifications	Measured Values
Appearance	Fine white granular powder	Fine white granular powder
Calcium	<= 0.03 %	0.003 %
Chloride	<= 0.001 %	0.0003 %
Heavy Metals (as Pb)	<= 0.0005 %	0.0001 %
Insolubles	<= 0.01 %	0.001 %
Iron	<= 0.0005 %	0.0001 %
Loss on Heating	<= 1.0 %	0.03 %
Magnesium	<= 0.005 %	0.001 %
Phosphate	<= 0.001 %	0.001 %
Potassium	<= 0.005 %	0.003 %
Purity	>= 99.5 %	100.0 %
Silica	<= 0.005 %	0.001 %
Sulfur Compounds	<= 0.003 %	0.002 %

Extra Description: Meets Reagent Specifications for testing USP/NF monographs

Internal ID #: 710

Signature

We certify that this batch conforms to the specifications listed above.

This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon
VWR Chemicals, LLC.
28600 Fountain Parkway, Solon OH 44139 USA

Additional Information

Analysis may have been rounded to significant digits in specification limits

Product meets analytical specifications of the grades listed.

RICCA CHEMICAL COMPANY®

1841 Broad Street
Pocomoke City, MD 21851
http://www.riccachemical.com
1-888-GO-RICCA
customerservice@riccachemical.com

Certificate of Analysis

W3178 58

Buffer, Reference Standard, pH 4.00 ± 0.01 at 25°C (Color Coded Red)

Lot Number: 2411A93 **Product Number:** 1501 **Manufacture Date:** NOV 04, 2024
Expiration Date: OCT 2026

The certified value for this product is confirmed in independent testing by a second qualified chemist.
The NIST Traceable pH value is certified to ±0.01 at 25 °C only. All other pH values at their corresponding temperatures are accurate to ± 0.05.

°C	0	5	10	15	20	25	30	35	40	45	50
pH	4.00	4.00	4.00	4.00	4.00	4.00	4.01	4.02	4.03	4.04	4.06

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Acid Phthalate	877-24-7	Buffer
Preservative	Proprietary	Commercial
Red Dye	Proprietary	Purified

Test	Specification	Result	
Appearance	Red liquid	Passed	*Not a certified value.

Test	Certified Value	Uncertainty	NIST SRM#
pH at 25°C (Method: SQCP027, SQCP033)	4.008	0.02	185i, 186-I-g, 186-II-g

Specification	Reference
Commercial Buffer Solutions	ASTM (D 1293 B)
Buffer B	ASTM (D 5464)
Buffer B	ASTM (D 5128)

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
1501-16	500 mL natural poly	24 months
1501-2.5	10 L Cubitainer®	24 months
1501-5	20 L Cubitainer®	24 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Ion Chromatography Solution
Catalog Number:	300-CAL-A
Lot Number:	V2-MEB742616
Matrix:	H2O
Value / Analyte(s):	150 µg/mL ea: Sulfate, 100 µg/mL ea: Bromide, 50 µg/mL ea: o-Phosphate as P, 30 µg/mL ea: Chloride, Nitrite as N, 25 µg/mL ea: Nitrate as N, 20 µg/mL ea: Fluoride

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Bromide, Br	100.0 ± 0.5 µg/mL	Chloride, Cl	30.01 ± 0.13 µg/mL
Fluoride, F-	20.00 ± 0.07 µg/mL	Nitrate as N, NNO3-	25.00 ± 0.10 µg/mL
Nitrite as N, NNO2-	30.00 ± 0.10 µg/mL	o-Phosphate as P, PPO4	50.00 ± 0.18 µg/mL
Sulfate, SO4	150.0 ± 0.8 µg/mL		

Density: 0.999 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Br	IC Assay	3184	151130
Br	Fajans	999c	999c
Cl	IC Assay	3182	190830
Cl	Fajans	999c	999c
F-	IC Assay	3183	140203
NNO3-	IC Assay	3185	170309
NNO2-	IC Assay	Traceable to 40H	08228TH-H2
NNO2-	Calculated	40h	40h
PPO4	IC Assay	3186	170606
SO4	IC Assay	3181	080603

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 CHROMATOGRAM

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

April 02, 2024

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- April 02, 2029

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

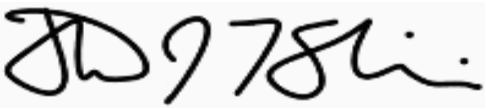
12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Custom Processing Supervisor

Certificate Approved By:

Thomas Kozikowski
Stock VS Manager



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

W3195 Received on 03/19/2025 by IZ

Certificate of Analysis

Material	BDH9208-500G
Material Description	BDH AMMONIUM CHLORIDE ACS 500G
Grade	U S P REAGENT (ACS GRADE)
Batch	24L0356561
Reassay Date	08/31/2027
CAS Number	12125-02-9
Molecular Formula	NH4Cl
Molecular Mass	53.49
Date of Manufacture	08/01/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	White granular powder	White granular powder
Calcium	<= 0.001 %	0.001 %
Heavy Metals (as Pb)	<= 0.0005 %	<0.0002 %
Insolubles	<= 0.005 %	0.001 %
Iron	<= 0.0002 %	<0.0002 %
Magnesium	<= 0.0005 %	0.0001 %
pH (5%, Water) @25C	4.5 - 5.5	4.8
Phosphate	<= 0.0002 %	<0.0002 %
Purity	>= 99.5 %	99.8 %
Residue on Ignition	<= 0.01 %	0.003 %
Sulfate	<= 0.002 %	<0.002 %

Extra Description: Meets Reagent Specifications for testing USP/NF monographs

Internal ID #: 710

Signature

We certify that this batch conforms to the specifications listed above.

This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon
VWR Chemicals, LLC.
28600 Fountain Parkway, Solon OH 44139 USA

Additional Information

Analysis may have been rounded to significant digits in specification limits

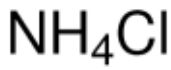
Product meets analytical specifications of the grades listed.

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

W3196 Received on 03/19/2025 by IZ

Certificate of Analysis

Product Name:
Ammonium chloride - ACS reagent, ≥99.5%



Product Number:	**213330**
Batch Number:	**MKCV1009**
Brand:	SIGALD
CAS Number:	12125-02-9
MDL Number:	MFCD00011420
Formula:	H4ClN
Formula Weight:	53.49 g/mol
Quality Release Date:	23 OCT 2023
Recommended Retest Date:	SEP 2026

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Crystals or Chunk(s)	Crystals
Titration by AgNO3	≥ 99.5 %	100.2 %
pH @ 25 Deg c (5% Solution)	4.5 - 5.5	4.9
Insoluble Matter 10%, H2O	≤ 0.005 %	0.001 %
Residue on ignition (Ash)	≤ 0.01 %	< 0.01 %
Calcium (Ca)	≤ 0.001 %	< 0.001 %
Magnesium (Mg)	≤ 5 ppm	1 ppm
Heavy Metals by ICP	≤ 5 ppm	< 1 ppm
Iron (Fe)	≤ 2 ppm	< 1 ppm
Phosphate (PO4)	≤ 2 ppm	< 2 ppm
Sulfate (SO4)	≤ 0.002 %	< 0.002 %
Meets ACS Requirements	Current ACS Specification	Conforms
Recommended Retest Period 3 Years	----------	----------

Larry Coers, Director

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 Number: **213330**
Batch Number: **MKCV1009**

Quality Control
Milwaukee, WI US

Instrument IC-1 Analyst : NF Method: 300.0 / 9056A

Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method name	date time	Initial	Analyst
STD1	0	0	0	0	0	0	0	IC1-032125	3/21/2025 10:45	10	NF/IZ
STD2	0.421	0.619	0.631	2.075	0.523	1.052	3.247	IC1-032125	3/21/2025 11:07	10	NF/IZ
STD3	0.795	1.199	1.203	3.994	1.001	1.993	5.998	IC1-032125	3/21/2025 11:28	10	NF/IZ
STD4	0.977	1.475	1.468	4.904	1.226	2.407	7.216	IC1-032125	3/21/2025 11:50	10	NF/IZ
STD5	1.993	3.009	2.995	10.03	2.493	4.968	14.842	IC1-032125	3/21/2025 12:11	10	NF/IZ
STD6	4.034	5.988	5.986	19.975	5.011	10.256	30.502	IC1-032125	3/21/2025 12:32	10	NF/IZ
STD7	4.979	7.51	7.517	25.022	6.247	12.323	36.695	IC1-032125	3/21/2025 12:54	10	NF/IZ
ICV	2.031	3.038	3.08	10.364	2.568	5.199	15.269	IC1-032125	3/21/2025 13:37	10	NF/IZ
ICB	0	0.122	0.08	0	0	0	0	IC1-032125	3/21/2025 13:58	10	NF/IZ
CCV	2.034	3.119	3.093	10.383	2.559	5.188	15.179	IC1-032125	4/3/2025 9:38	10	NF/IZ
CCB	0	0	0	0	0	0	0	IC1-032125	4/3/2025 9:59	10	NF/IZ
LB135296BSW	2.028	3.121	3.103	10.387	2.561	5.226	15.185	IC1-032125	4/3/2025 10:43	10	NF/IZ
LB135296BLW	0	0	0	0	0	0	0	IC1-032125	4/3/2025 11:04	10	NF/IZ
Q1711-01	0.332	26.59	0	0.215	0	2.108	10.666	IC1-032125	4/3/2025 12:29	10	NF/IZ
Q1711-02MS	2.301	28.881	3.076	10.43	2.571	2.367	24.892	IC1-032125	4/3/2025 12:50	10	NF/IZ
Q1711-03MSD	2.172	28.857	2.983	10.101	2.479	1.573	24.485	IC1-032125	4/3/2025 13:12	10	NF/IZ
Q1711-04	0.275	20.1	0	0.221	0	0	4.529	IC1-032125	4/3/2025 13:55	10	NF/IZ
Q1711-08	0	0.047	0	0	0	0	0	IC1-032125	4/3/2025 14:16	10	NF/IZ
Q1716-01	0.433	427.687	0	0.63	0.296	0	54.697	IC1-032125	4/3/2025 14:38	10	NF/IZ
Q1711-01DLX10	0.054	2.364	0	0	0	0	1.413	IC1-032125	4/3/2025 14:59	10	NF/IZ
Q1711-04DLX5	0.071	3.687	0	0	0	0	1.238	IC1-032125	4/3/2025 15:21	10	NF/IZ
CCV	2.072	3.107	3.112	10.418	2.589	5.237	15.386	IC1-032125	4/3/2025 15:43	10	NF/IZ
CCB	0	0	0	0	0	0	0	IC1-032125	4/3/2025 17:16	10	NF/IZ

Certificate of Analysis

W3199 Received on04/11/2025 by IZ

Material	BDH9312-2.5KG
Material Description	COPPER SULFATE CRYST 2500GM
Grade	U S P REAGENT (ACS GRADE)
Batch	24H0956271
Reassay Date	05/31/2027
CAS Number	7758-99-8
Molecular Formula	CuSO4.5H2O
Molecular Mass	249.68
Date of Manufacture	05/01/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Blue crystals	Blue crystals
Calcium	<= 0.005 %	0.003 %
Chloride	<= 0.001 %	0.0001 %
Insolubles	<= 0.005 %	0.001 %
Iron	<= 0.003 %	0.001 %
Nickel	<= 0.005 %	0.003 %
Nitrogen Compounds (as N)	<= 0.002 %	0.001 %
Potassium	<= 0.01 %	0.0004 %
Purity	98.0 - 102.0 %	99.7 %
Sodium	<= 0.02 %	0.003 %

Extra Description: Meets Reagent Specifications for testing USP/NF monographs

CUSTOMER PART# BDH9312-2.5KG

Internal ID #: 793

Signature

We certify that this batch conforms to the specifications listed above.

This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon
VWR Chemicals, LLC.
28600 Fountain Parkway, Solon OH 44139 USA

Additional Information

Analysis may have been rounded to significant digits in specification limits

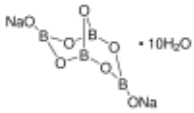
Product meets analytical specifications of the grades listed.

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

W3201 Received on 4/16/25 by IZ

Certificate of Analysis

Product Name:
Sodium tetraborate decahydrate - ACS reagent, ≥99.5%



Product Number:	**S9640**
Batch Number:	**BCCL9613**
Brand:	SIGALD
CAS Number:	1303-96-4
Formula:	B4Na2O7 · 10H2O
Formula Weight:	381,37 g/mol
Quality Release Date:	05 JUL 2024
Recommended Retest Date:	MAY 2029

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Crystals	Powder
Titration with NaOH	99.5 - 105.0 %	100.7 %
pH	9.15 - 9.20	9.20
0.01 m Solution at 25 Deg C		
Meets ACS Requirements	Corresponds to Requirements	Corresponds
ACS Specifications	Corresponds to Requirements	Corresponds
Insoluble Matter <= 0.005% / Heavy		
Metals (As Pb) <= 0.001%		
Calcium (Ca)	≤ 50 mg/kg	< 50 mg/kg
Iron (Fe)	≤ 5 mg/kg	< 5 mg/kg
Total Sulfur	≤ 50 mg/kg	< 50 mg/kg
as SO4 (ICP)		
Chloride (Cl)	≤ 10 mg/kg	< 10 mg/kg
Phosphate (PO4)	≤ 10 mg/kg	< 10 mg/kg

Dr.Reinhold Schwenninger
Quality Assurance
Buchs,Switzerland CH

N3212 Received on 5/21/25 by 12

POLYSEED®

CERTIFICATE OF ANALYSIS

PO BOX 130549 Spring, TX 77393
Phone: (281) 298-9410 Fax: (281) 298-9411

FINISHED PRODUCT, LOT NUMBER, MFG. /EXP DATE:
PolySeed® • Part No. P-110 • Lot 132409 • Mfg. Date: 09/2024 • Exp. Date: 09/2026

FORMULATION:
The formulation for this product contains a range of naturally occurring microorganisms, which are known to be non-pathogenic to man or animals.

VIABLE COUNT, FINAL TEST RESULT:
The product has been fully tested in accordance with Finished Product Specifications and contains a minimum viable count of 4.00×10^9 cfu/g.

GLUCOSE/GLUTAMIC-ACID RESULTS:
Tested results within acceptable range 198 +/- 30.5 mg/L (167.5 - 228.5 mg/L). GGA Lot# 43100020 – Average Test Result: 202.1

See www.polyseed.com for details.

SEED CONTROL FACTOR:
Tested results within acceptable range 0.6 – 1.0 see www.polyseed.com for details

SALMONELLA TEST RESULT:
The product has been shown to be Salmonella negative using procedures recommended in the Microbiology Laboratory Guidebook, published by the USDA Food Safety and Inspection Service.

The purpose of this document is to ensure that the Finished Product conforms to the above specification.

Signature: _____ **Date**: 09/13/2024
Quality Control Department

POLYSEED.Ref.1.19 Revised Jan 24

InterLab®
International Laboratory Supply

ISO 9002 DNV DNV Certification, Inc. REGISTERED FIRM

RICCA CHEMICAL COMPANY®

1841 Broad Street
Pocomoke City, MD 21851
http://www.riccachemical.com
1-888-GO-RICCA
customerservice@riccachemical.com

Certificate of Analysis

Buffer, Reference Standard, pH 7.00 ± 0.01 at 25°C (Color Coded Yellow)

Lot Number: 2504D34 **Product Number:** 1551

Manufacture Date: APR 03, 2025
Expiration Date: MAR 2027

The certified value for this product is confirmed in independent testing by a second qualified chemist.
The NIST traceable pH value is certified to ±0.01 at 25 °C only. All other pH values at their corresponding temperatures are accurate to ± 0.05.

°C	0	5	10	15	20	25	30	35	40	45	50
pH	7.12	7.09	7.06	7.04	7.02	7.00	6.99	6.98	6.98	6.97	6.97

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Phosphate Dibasic	7558-79-4	ACS
Potassium Dihydrogen Phosphate	7778-77-0	ACS
Preservative	Proprietary	
Yellow Dye	Proprietary	
Sodium Hydroxide	1310-73-2	Reagent (from ACS)

Test	Specification	Result	
Appearance	Yellow liquid	Passed	*Not a certified value.

Test	Certified Value	Uncertainty	NIST SRM#
pH at 25°C (Method: SQCP027, SQCP033)	7.003	0.02	186-I-g, 186-II-g, 191d

Specification	Reference
Commercial Buffer Solutions	ASTM (D 1293 B)
Buffer A	ASTM (D 5464)
Buffer A	ASTM (D 5128)

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
1551-2.5	10 L Cubitainer®	24 months
1551-20	20 x 20 mL pack	24 months
1551-32	1 L natural poly	24 months
1551-5	20 L Cubitainer®	24 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

Jose Pena (04/03/2025)
Operations Manager

This product was tested in an ISO 17025 Accredited Laboratory

RICCA CHEMICAL COMPANY®

1841 Broad Street
Pocomoke City, MD 21851
http://www.riccachemical.com
1-888-GO-RICCA
customerservice@riccachemical.com

Certificate of Analysis

Sodium Hypochlorite Solution, 5% available Chlorine

Lot Number: 2506M51 **Product Number:** 7495.5

Manufacture Date: JUN 18, 2025
Expiration Date: DEC 2025

This solution is subject to slow decomposition upon exposure to air. Keep container tightly capped. Refrigeration may improve stability. When used in the Phenate method for Ammonia, APHA recommends replacing this solution about every 2 months.

Name	CAS#	Grade
Water	7732-18-5	Commercial
Sodium Hypochlorite	7681-52-9	Commercial

Test	Specification	Result	NIST SRM#
Appearance	Colorless to greenish-yellow liquid	Passed	
Assay (vs. Sodium Thiosulfate/Starch)	4.75-5.25 % (w/w) Cl_2	5.17 % (w/w) Cl_2	136

Specification	Reference
Sodium Hypochlorite, 5%	APHA (4500-NH3 F)
Sodium Hypochlorite	ASTM (D 4785)

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
7495.5-1	4 L black poly	6 months
7495.5-16	500 mL amber poly	6 months
7495.5-32	1 L amber poly	6 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

Jose Pena (06/18/2025)
Operations Manager

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

An ISO 9001 Certified Company

Certificate of Analysis

This is a Component of 1486266 / LOT A5105

PRODUCT: BOD Nutrient Buffer Pillows

PRODUCT NUMBER: 1486227

LOT NUMBER: A5105

MANUFACTURE DATE: 05/13/2025

DATE OF ANALYSIS: 05/27/2025

TEST	SPECIFICATIONS	RESULTS
Ammonia Concentration of a diluted pillow	0.57 to 0.79 ppm	0.570
Calcium Concentration of a diluted pillow	0.93 to 1.29 ppm	0.980
Iron Concentration of a diluted pillow	0.27 to 0.36 ppm	0.283
Magnesium Concentration of a diluted pillow	0.35 to 0.48 ppm	0.360
Phosphorus Concentration of a diluted pillow	7.6 to 10.3 ppm	8.11
pH in a 6 L of DI water	7.1 to 7.6 ph	7.31
Five Day Change in Dissolved Oxygen Concentration	-0.2 to 0.2 ppm	0.03
Sterility	To Pass	Passed

The expiration date is May 2030

Certified by: Scott Als

Analytical Services Chemist

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q3254
QUOTE NO. BOTTLE ORDER # B250937
COC Number 2045119

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: LKB ENGINEERING, PLLC.
ADDRESS: 1 AERIAL WAY
CITY SYOSSET STATE: NY ZIP: 11791
ATTENTION: JOHN GERLACH
PHONE: 516-240-8931 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ANSONIA LANDFILL
PROJECT NO.: 0774-08 LOCATION: CT
PROJECT MANAGER: JOHN GERLACH
e-mail: jgerlach@LKB-ENGINEERING.COM
PHONE: SAME FAX:

CLIENT BILLING INFORMATION

BILL TO: LKB ENGINEERING PO#: N/A for lab
ADDRESS: SAME
CITY STATE: ZIP:
ATTENTION: SHARON. F. PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STD. DAYS*
EDD: _____ 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 + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☑ EDD FORMAT NYSDEC

ANALYSIS

1: VOCs 2: SEE 3: BOTTLE 4: ORDER # 5: B250937 6: 7: 8: 9:

PRESERVATIVES

A/E 1 | E + OTHERS AS APPROPRIATE 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	MW-1	GW		X	9/29/25	9:45	10		X								SAMPLES FOR DISS. Fe + Mn FILTERED IN FIELD
2.	MW-2	GW		X	↓	11:15	10		X								
3.	MW-3	GW		X		12:30	10		X								
4.	MW-4	GW		X		11:45	10		X								
5.	TRIPBLANK	DI		X			2	X									
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	9/30/25 1050	1. 9-30-25 1050
2.	DATE/TIME:	2.
3.	9-30-25 1245	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments:

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3254 LOCK01
Client Name : Lockwood, Kessler & Bartl
Client Contact : John Gerlach
Invoice Name : Lockwood, Kessler & Bartl
Invoice Contact : John Gerlach

Order Date : 9/30/2025 12:37:00 PM
Project Name : Ansonia Landfill 2025
Receive DateTime : 9/30/2025 12:45:00 PM
Purchase Order :

Project Mgr : Yazmeen
Report Type : NYS ASP B
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff : 9/30/2025 3:06:33 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3254-01	MW-1	Water	09/29/2025	09:45					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3254-03	MW-2	Water	09/29/2025	11:15					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3254-05	MW-3	Water	09/29/2025	12:30					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3254-07	MW-4	Water	09/29/2025	11:45					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3254-09	TRIP-BLANK	Water	09/29/2025	00:00					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 9/30/25 13:00

Received By :
Date / Time : 9/30/25 13:00
Storage Area : VOA Refridgerator Room