

Cover Page

Order ID : Q3202

Project ID : Syosset Landfill 2025

Client : Lockwood, Kessler & Bartlett, Inc.

Lab Sample Number

Q3202-01
Q3202-02
Q3202-03
Q3202-04
Q3202-05
Q3202-06
Q3202-07
Q3202-08
Q3202-09
Q3202-10
Q3202-11
Q3202-12
Q3202-13
Q3202-14
Q3202-15
Q3202-16
Q3202-17
Q3202-18
Q3202-19

Client Sample Number

SY-6
SY-6
SY-2R
SY-2R
SY-2D
SY-2D
SY-5
SY-5
SY-3DD
SY-3DD
SY-3D
SY-3D
Q3202-11MS
Q3202-12MS
Q3202-11MSD
Q3202-12MSD
SY-3
SY3
TB

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: 10/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- INORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3202

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 10/06/2025

LAB CHRONICLE

OrderID:	Q3202	OrderDate:	9/25/2025 11:08:00 AM
Client:	Lockwood, Kessler & Bartlett, Inc.	Project:	Syosset Landfill 2025
Contact:	John Gerlach	Location:	I63,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3202-01	SY-6	WATER			09/23/25 10:10			09/24/25
			Alkalinity	SM2320 B			10/06/25 12:30	
			Ammonia	SM4500-NH3		09/29/25	09/30/25 13:46	
			Anions Group1	300.0			09/25/25 10:12	
			BOD5	SM5210 B			09/25/25 10:00	
			pH	SM 4500-H B			09/26/25 08:15	
			TDS	SM2540 C			09/30/25 12:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		09/30/25	09/30/25 15:56	
			Total Nitrogen	Cal			09/30/25 15:56	
			TSS	SM2540 D			09/30/25 10:00	
			Turbidity	SM2130 B			09/25/25 10:03	
Q3202-03	SY-2R	WATER			09/23/25 11:30			09/24/25
			Alkalinity	SM2320 B			10/06/25 12:37	
			Ammonia	SM4500-NH3		09/29/25	09/30/25 13:46	

LAB CHRONICLE

Q3202-03DL	SY-2RDL	WATER	Anions Group1	300.0	09/30/25	09/25/25	09/24/25
						10:34	
			BOD5	SM5210 B		09/25/25	
						10:00	
			pH	SM 4500-H B		09/26/25	
						08:22	
			TDS	SM2540 C		09/30/25	
						12:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		09/30/25	
				Cal		15:56	
Q3202-05	SY-2D	WATER	Total Nitrogen		09/23/25 11:30	09/30/25	09/24/25
						15:56	
			TSS	SM2540 D		09/30/25	
						10:00	
			Turbidity	SM2130 B		09/25/25	
						10:09	
			Anions Group1	300.0	09/29/25	09/25/25	09/24/25
						14:55	
			Alkalinity	SM2320 B	09/29/25	10/06/25	
						12:42	
			Ammonia	SM4500-NH3		09/30/25	
						13:46	
			Anions Group1	300.0		09/25/25	
						10:55	
			BOD5	SM5210 B		09/25/25	
						10:00	
			pH	SM 4500-H B		09/26/25	
						08:30	
			TDS	SM2540 C	09/30/25		
					12:30		

LAB CHRONICLE

			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	09/30/25	09/30/25 15:56	
			Total Nitrogen	Cal		09/30/25 15:56	
			TSS	SM2540 D		09/30/25 10:00	
			Turbidity	SM2130 B		09/25/25 10:12	
Q3202-05DL	SY-2DDL	WATER			09/23/25 12:15		09/24/25
			Anions Group1	300.0		09/25/25 15:18	
Q3202-07	SY-5	WATER			09/23/25 12:30		09/24/25
			Alkalinity	SM2320 B		10/06/25 12:46	
			Ammonia	SM4500-NH3	09/29/25	09/30/25 13:46	
			Anions Group1	300.0		09/25/25 11:17	
			BOD5	SM5210 B		09/25/25 10:00	
			pH	SM 4500-H B		09/26/25 08:37	
			TDS	SM2540 C		09/30/25 12:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	09/30/25	09/30/25 15:56	
			Total Nitrogen	Cal		09/30/25 15:56	
			TSS	SM2540 D		09/30/25 10:00	
			Turbidity	SM2130 B		09/25/25 10:15	

LAB CHRONICLE

Q3202-07DL	SY-5DL	WATER		09/23/25 12:30		09/24/25
			Anions Group1	300.0		09/25/25 15:39
Q3202-09	SY-3DD	Water		09/23/25 13:10		09/24/25
			Alkalinity	SM2320 B		10/06/25 13:34
			Ammonia	SM4500-NH3	09/29/25	09/30/25 13:46
			Anions Group1	300.0		09/25/25 11:38
			BOD5	SM5210 B		09/25/25 10:00
			pH	SM 4500-H B		09/26/25 08:45
			TDS	SM2540 C		09/30/25 12:30
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	09/30/25	09/30/25 15:56
			Total Nitrogen	Cal		09/30/25 15:56
			TSS	SM2540 D		09/30/25 10:00
			Turbidity	SM2130 B		09/25/25 10:18
Q3202-11	SY-3D	WATER		09/23/25 13:55		09/24/25
			Alkalinity	SM2320 B		10/06/25 12:55
			Ammonia	SM4500-NH3	09/29/25	09/30/25 13:46
			Anions Group1	300.0		09/25/25 12:00
			BOD5	SM5210 B		09/25/25 10:00

LAB CHRONICLE

pH	SM 4500-H B	09/26/25 08:55
TDS	SM2540 C	09/30/25 12:30
TKN	SM4500-N Org C-11 plus NH3 B plus G-11	09/30/25 15:56
Total Nitrogen	Cal	09/30/25 16:34
TSS	SM2540 D	09/30/25 10:00
Turbidity	SM2130 B	09/25/25 10:21

Q3202-11DL SY-3DDL WATER 09/23/25 13:55 09/24/25

Ammonia	SM4500-NH3	09/29/25 09/30/25 14:29
Anions Group1	300.0	09/25/25 16:01
TKN	SM4500-N Org C-11 plus NH3 B plus G-11	09/30/25 09/30/25 16:34

Q3202-11DL 2 SY-3DDL2 WATER 09/23/25 13:55 09/24/25

Anions Group1	300.0	09/25/25 16:22
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Q3202-17 SY-3 WATER 09/23/25 15:30 09/24/25

Alkalinity	SM2320 B	10/06/25 12:59
Ammonia	SM4500-NH3	09/29/25 09/30/25 13:57
Anions Group1	300.0	09/25/25 13:05
BOD5	SM5210 B	09/25/25 10:00

LAB CHRONICLE

pH	SM 4500-H B		09/26/25 09:00
TDS	SM2540 C		09/30/25 12:30
TKN	SM4500-N Org C-11 plus NH3 B plus G-11	09/30/25	09/30/25 16:07
Total Nitrogen	Cal		09/30/25 16:07
TSS	SM2540 D		09/30/25 10:00
Turbidity	SM2130 B		09/25/25 10:24

Q3202-17DL

SY-3DL

WATER

**09/23/25
15:30**

09/24/25

Ammonia	SM4500-NH3	09/29/25	09/30/25 14:29
Anions Group1	300.0		09/25/25 16:44



SAMPLE DATA

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 10:10
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-6	SDG No.:	Q3202
Lab Sample ID:	Q3202-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	97.2		1	1.00	2.00	mg/L		10/06/25 12:30	SM 2320 B-21
Ammonia as N	0.032	J	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:46	SM 4500-NH3 B plus G-21
Chloride	6.90		1	0.19	0.60	mg/L		09/25/25 10:12	300.0
Nitrite	0.074	HU	1	0.074	0.60	mg/L		09/25/25 10:12	300.0
Nitrate	1.50	H	1	0.095	0.50	mg/L		09/25/25 10:12	300.0
Sulfate	26.2		1	0.46	3.00	mg/L		09/25/25 10:12	300.0
Nitrate+Nitrite	1.50		1	0.17	1.10	mg/L		09/25/25 10:12	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	5.99	H	1	0	0	pH		09/26/25 08:15	SM 4500-H B-21
TDS	214	H	1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	0.23	J	1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 15:56	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	1.73		1	0.31	1.30	mg/L		09/30/25 15:56	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	13.6		1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	20.1		1	0.15	1.00	NTU		09/25/25 10:03	SM 2130 B-20

Comments: The alkalinity to pH 4.35=97.2 mg CaCO3/L, pH result reported at temperature 20.1 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 11:30
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2R	SDG No.:	Q3202
Lab Sample ID:	Q3202-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	28.5		1	1.00	2.00	mg/L		10/06/25 12:37	SM 2320 B-21
Ammonia as N	0.030	U	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:46	SM 4500-NH3 B plus G-21
Chloride	388	OR	1	0.19	0.60	mg/L		09/25/25 10:34	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		09/25/25 10:34	300.0
Nitrate	3.00		1	0.095	0.50	mg/L		09/25/25 10:34	300.0
Sulfate	22.0		1	0.46	3.00	mg/L		09/25/25 10:34	300.0
Nitrate+Nitrite	3.00		1	0.17	1.10	mg/L		09/25/25 10:34	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	5.46	H	1	0	0	pH		09/26/25 08:22	SM 4500-H B-21
TDS	660	H	1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	0.27	J	1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 15:56	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	3.27		1	0.31	1.30	mg/L		09/30/25 15:56	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	2.10	J	1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	1.41		1	0.15	1.00	NTU		09/25/25 10:09	SM 2130 B-20

Comments: The alkalinity to pH 4.36=28.5 mg CaCO3/L, pH result reported at temperature 20.6 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 11:30
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2RDL	SDG No.:	Q3202
Lab Sample ID:	Q3202-03DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	261	D	100	19.0	60.0	mg/L		09/25/25 14:55	300.0

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

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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.

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N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 12:15
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2D	SDG No.:	Q3202
Lab Sample ID:	Q3202-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	49.6		1	1.00	2.00	mg/L		10/06/25 12:42	SM 2320 B-21
Ammonia as N	0.030	U	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:46	SM 4500-NH3 B plus G-21
Chloride	300	OR	1	0.19	0.60	mg/L		09/25/25 10:55	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		09/25/25 10:55	300.0
Nitrate	3.00		1	0.095	0.50	mg/L		09/25/25 10:55	300.0
Sulfate	13.2		1	0.46	3.00	mg/L		09/25/25 10:55	300.0
Nitrate+Nitrite	3.00		1	0.17	1.10	mg/L		09/25/25 10:55	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	5.84	H	1	0	0	pH		09/26/25 08:30	SM 4500-H B-21
TDS	434	H	1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	0.51		1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 15:56	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	3.51		1	0.31	1.30	mg/L		09/30/25 15:56	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	55.0		1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	46.7		1	0.15	1.00	NTU		09/25/25 10:12	SM 2130 B-20

Comments: The alkalinity to pH 4.28=49.6 mg CaCO3/L, pH result reported at temperature 20.1 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 12:15
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2DDL	SDG No.:	Q3202
Lab Sample ID:	Q3202-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	208	D	100	19.0	60.0	mg/L		09/25/25 15:18	300.0

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

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H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 12:30
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-5	SDG No.:	Q3202
Lab Sample ID:	Q3202-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	51.3		1	1.00	2.00	mg/L		10/06/25 12:46	SM 2320 B-21
Ammonia as N	0.030	U	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:46	SM 4500-NH3 B plus G-21
Chloride	299	OR	1	0.19	0.60	mg/L		09/25/25 11:17	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		09/25/25 11:17	300.0
Nitrate	3.00		1	0.095	0.50	mg/L		09/25/25 11:17	300.0
Sulfate	13.4		1	0.46	3.00	mg/L		09/25/25 11:17	300.0
Nitrate+Nitrite	3.00		1	0.17	1.10	mg/L		09/25/25 11:17	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	5.94	H	1	0	0	pH		09/26/25 08:37	SM 4500-H B-21
TDS	89.0		1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	0.52		1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 15:56	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	3.52		1	0.31	1.30	mg/L		09/30/25 15:56	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	58.9		1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	50.4		1	0.15	1.00	NTU		09/25/25 10:15	SM 2130 B-20

Comments: The alkalinity to pH 4.35=51.3 mg CaCO3/L, pH result reported at temperature 20.1 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 12:30
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-5DL	SDG No.:	Q3202
Lab Sample ID:	Q3202-07DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	203	D	100	19.0	60.0	mg/L		09/25/25 15:39	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

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 13:10
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DD	SDG No.:	Q3202
Lab Sample ID:	Q3202-09	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	17.8		1	1.00	2.00	mg/L		10/06/25 13:34	SM 2320 B-21
Ammonia as N	0.047	J	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:46	SM 4500-NH3 B plus G-21
Chloride	4.90		1	0.19	0.60	mg/L		09/25/25 11:38	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		09/25/25 11:38	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		09/25/25 11:38	300.0
Sulfate	0.82	J	1	0.46	3.00	mg/L		09/25/25 11:38	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		09/25/25 11:38	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	5.84	H	1	0	0	pH		09/26/25 08:45	SM 4500-H B-21
TDS	33.0		1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	0.17	J	1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 15:56	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	0.31	U	1	0.31	1.30	mg/L		09/30/25 15:56	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	2.60	J	1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	1.03		1	0.15	1.00	NTU		09/25/25 10:18	SM 2130 B-20

Comments: pH result reported at temperature 20.1 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 13:55
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3D	SDG No.:	Q3202
Lab Sample ID:	Q3202-11	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	230		1	1.00	2.00	mg/L		10/06/25 12:55	SM 2320 B-21
Ammonia as N	11.8	OR	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:46	SM 4500-NH3 B plus G-21
Chloride	967	OR	1	0.19	0.60	mg/L		09/25/25 12:00	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		09/25/25 12:00	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		09/25/25 12:00	300.0
Sulfate	39.9	OR	1	0.46	3.00	mg/L		09/25/25 12:00	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		09/25/25 12:00	300.0
BOD5	37.1		1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	6.44	H	1	0	0	pH		09/26/25 08:55	SM 4500-H B-21
TDS	1200		1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	10.1	OR	1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 15:56	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	10.3		1	0.31	1.30	mg/L		09/30/25 16:34	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	42.0		1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	207	D	2	0.30	2.00	NTU		09/25/25 10:21	SM 2130 B-20

Comments: The alkalinity to pH 4.43=230 mg CaCO3/L, pH result reported at temperature 20.1 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 13:55
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DDL	SDG No.:	Q3202
Lab Sample ID:	Q3202-11DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	10.7	D	10	0.30	1.00	mg/L	09/29/25 13:00	09/30/25 14:29	SM 4500-NH3 B plus G-21
Chloride	943	OR	2	0.38	1.20	mg/L		09/25/25 16:01	300.0
Sulfate	39.2	D	2	0.92	6.00	mg/L		09/25/25 16:01	300.0
TKN	10.3	D	2	0.22	1.00	mg/L	09/30/25 09:00	09/30/25 16:34	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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 13:55
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DDL2	SDG No.:	Q3202
Lab Sample ID:	Q3202-11DL2	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	632	D	200	38.0	120	mg/L		09/25/25 16:22	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

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 15:30
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3	SDG No.:	Q3202
Lab Sample ID:	Q3202-17	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	113		1	1.00	2.00	mg/L		10/06/25 12:59	SM 2320 B-21
Ammonia as N	4.30	OR	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:57	SM 4500-NH3 B plus G-21
Chloride	397	OR	1	0.19	0.60	mg/L		09/25/25 13:05	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		09/25/25 13:05	300.0
Nitrate	0.10	J	1	0.095	0.50	mg/L		09/25/25 13:05	300.0
Sulfate	21.6		1	0.46	3.00	mg/L		09/25/25 13:05	300.0
Nitrate+Nitrite	0.10	U	1	0.17	1.10	mg/L		09/25/25 13:05	300.0
BOD5	45.0		1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	6.23	H	1	0	0	pH		09/26/25 09:00	SM 4500-H B-21
TDS	885		1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	6.70		1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 16:07	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	6.80		1	0.31	1.30	mg/L		09/30/25 16:07	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	49800		1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	10800	D	100	15.0	100	NTU		09/25/25 10:24	SM 2130 B-20

Comments: The alkalinity to pH 4.41=113 mg CaCO3/L, pH result reported at temperature 20.1 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 15:30
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DL	SDG No.:	Q3202
Lab Sample ID:	Q3202-17DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	3.90	D	5	0.15	0.50	mg/L	09/29/25 13:00	09/30/25 14:29	SM 4500-NH3 B plus G-21
Chloride	271	D	100	19.0	60.0	mg/L		09/25/25 16:44	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



QC RESULT SUMMARY



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Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137317

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Turbidity	ICV	NTU	10.186	10	102	90-110	09/25/2025
Sample ID: Turbidity	CCV1	NTU	9.321	10	93	90-110	09/25/2025
Sample ID: Turbidity	CCV2	NTU	10.667	10	107	90-110	09/25/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137321

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	10	100	90-110	09/25/2025
Chloride	mg/L	2.9	3	97	90-110	09/25/2025
Fluoride	mg/L	2	2	100	90-110	09/25/2025
Nitrite	mg/L	3	3	100	90-110	09/25/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/25/2025
Sulfate	mg/L	14.7	15	98	90-110	09/25/2025
Orthophosphate as P	mg/L	4.7	5	94	90-110	09/25/2025
Sample ID: CCV2						
Bromide	mg/L	10.1	10	101	90-110	09/25/2025
Chloride	mg/L	3	3	100	90-110	09/25/2025
Fluoride	mg/L	2	2	100	90-110	09/25/2025
Nitrite	mg/L	3	3	100	90-110	09/25/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/25/2025
Sulfate	mg/L	14.9	15	99	90-110	09/25/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	09/25/2025
Sample ID: CCV3						
Bromide	mg/L	10.1	10	101	90-110	09/25/2025
Chloride	mg/L	3	3	100	90-110	09/25/2025
Fluoride	mg/L	2	2	100	90-110	09/25/2025
Nitrite	mg/L	3	3	100	90-110	09/25/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/25/2025
Sulfate	mg/L	14.9	15	99	90-110	09/25/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	09/25/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137324

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV pH	pH	7.00	7	100	90-110	09/26/2025
Sample ID: CCV1 pH	pH	2.01	2.00	101	90-110	09/26/2025
Sample ID: CCV2 pH	pH	12.02	12.00	100	90-110	09/26/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137369

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	09/30/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.96	1	96	90-110	09/30/2025
Sample ID: CCV2 Ammonia as N	mg/L	0.98	1	98	90-110	09/30/2025
Sample ID: CCV3 Ammonia as N	mg/L	0.98	1	98	90-110	09/30/2025
Sample ID: CCV4 Ammonia as N	mg/L	0.97	1	97	90-110	09/30/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137372

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 TKN	mg/L	4.9	5	98	90-110	09/30/2025
Sample ID: CCV1 TKN	mg/L	4.9	5	98	90-110	09/30/2025
Sample ID: CCV2 TKN	mg/L	4.9	5	98	90-110	09/30/2025
Sample ID: CCV3 TKN	mg/L	5	5	100	90-110	09/30/2025
Sample ID: CCV4 TKN	mg/L	5	5	100	90-110	09/30/2025



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Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137317

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Turbidity	NTU	< 0.5000	0.5000	U	0.15	1.0	09/25/2025
Sample ID: CCB1 Turbidity	NTU	< 0.5000	0.5000	U	0.15	1	09/25/2025
Sample ID: CCB2 Turbidity	NTU	< 0.5000	0.5000	U	0.15	1	09/25/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137321

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	09/25/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/25/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/25/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/25/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/25/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/25/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/25/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/25/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/25/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/25/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/25/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/25/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/25/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/25/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/25/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/25/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/25/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/25/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/25/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/25/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/25/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137369

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	09/30/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	09/30/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	09/30/2025
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	09/30/2025
Sample ID: CCB4 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	09/30/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137372

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 TKN	mg/L	0.11	0.2500	J	0.11	0.5	09/30/2025
Sample ID: CCB1 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	09/30/2025
Sample ID: CCB2 TKN	mg/L	0.12	0.2500	J	0.11	0.5	09/30/2025
Sample ID: CCB3 TKN	mg/L	0.11	0.2500	J	0.11	0.5	09/30/2025
Sample ID: CCB4 TKN	mg/L	0.11	0.2500	J	0.11	0.5	09/30/2025

Preparation Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137317BL							
Turbidity	NTU	< 0.5000	0.5000	U	0.15	1.0	09/25/2025
Sample ID: LB137318BL							
BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	09/25/2025
Sample ID: LB137321BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/25/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/25/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/25/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/25/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/25/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/25/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/25/2025
Sample ID: LB137356BL							
TSS	mg/L	1	2.0000	J	1	4	09/30/2025
Sample ID: LB137357BL							
TDS	mg/L	2	5.0000	J	1.0	10	09/30/2025
Sample ID: LB137431BLW							
Alkalinity	mg/L	< 1.0000	1.0000	U	1	2	10/06/2025
Sample ID: LB137439BL							
Alkalinity	mg/L	< 1.0000	1.0000	U	1	2	10/06/2025
Sample ID: PB169898BL							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.03	0.1	09/30/2025
Sample ID: PB169920BL							
TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	09/30/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3202
Project:	Syosset Landfill 2025	Sample ID:	Q3202-11
Client ID:	SY-3DMS	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	12.9	OR	11.8	OR	1	1	110		09/30/2025
Bromide	mg/L	80-120	10.2		0.37	U	10	1	102		09/25/2025
Chloride	mg/L	80-120	921	OR	967	OR	3	1	-1533	*	09/25/2025
TKN	mg/L	75-125	15.7	OR	10.1	OR	5	1	112		09/30/2025
Fluoride	mg/L	80-120	2.20		0.26	J	2	1	97		09/25/2025
Nitrite	mg/L	80-120	3.00		0.074	U	3	1	100		09/25/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		09/25/2025
Sulfate	mg/L	80-120	53.8	OR	39.9	OR	15	1	93		09/25/2025
Orthophosphate as P	mg/L	80-120	3.40		0.34	U	5	1	68	*	09/25/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3202
Project:	Syosset Landfill 2025	Sample ID:	Q3202-11
Client ID:	SY-3DMSD	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	12.8	OR	11.8	OR	1	1	100		09/30/2025
Bromide	mg/L	80-120	10.0		0.37	U	10	1	100		09/25/2025
Chloride	mg/L	80-120	925	OR	967	OR	3	1	-1400	*	09/25/2025
TKN	mg/L	75-125	15.6	OR	10.1	OR	5	1	110		09/30/2025
Fluoride	mg/L	80-120	2.20		0.26	J	2	1	97		09/25/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		09/25/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		09/25/2025
Sulfate	mg/L	80-120	53.6	OR	39.9	OR	15	1	91		09/25/2025
Orthophosphate as P	mg/L	80-120	2.70		0.34	U	5	1	54	*	09/25/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3202
Project:	Syosset Landfill 2025	Sample ID:	Q3180-02
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
BOD5	mg/L	+/-20	3570		3480		1	2.55		09/25/2025

Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.	SDG No.: Q3202
Project: Syosset 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
Turbidity	NTU	+/-20	20.1		19.9		1	1		09/25/2025
Alkalinity	mg/L	+/-20	97.2		96.1		1	1		10/06/2025

Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.	SDG No.: Q3202
Project: Syosset Landfill 2025	Sample ID: Q3202-09
Client ID: SY-3DDDDUP	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
pH	pH	+/-20	5.84		5.86		1	0.34		09/26/2025
TDS	mg/L	+/-5	33.0		33.0		1	0		09/30/2025
Alkalinity	mg/L	+/-20	17.8		18.2		1	2.22		10/06/2025

Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.	SDG No.: Q3202
Project: Syosset Landfill 2025	Sample ID: Q3202-11
Client ID: SY-3DDUP	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	42.0		42.2		1	0.48		09/30/2025
Ammonia as N	mg/L	+/-20	11.8	OR	11.7	OR	1	1		09/30/2025
TKN	mg/L	+/-20	10.1	OR	10.2	OR	1	1		09/30/2025
Ammonia as N	mg/L	+/-20	10.7	D	10.6	D	10	1		09/30/2025
TKN	mg/L	+/-20	10.3	D	10.3	D	2	0		09/30/2025

Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.	SDG No.: Q3202
Project: Syosset Landfill 2025	Sample ID: Q3202-11
Client ID: SY-3DMSD	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
Fluoride	mg/L	+/-20	2.20		2.20		1	0		09/25/2025
Nitrate	mg/L	+/-20	2.40		2.40		1	0		09/25/2025
Chloride	mg/L	+/-20	921	OR	925	OR	1	0		09/25/2025
Sulfate	mg/L	+/-20	53.8	OR	53.6	OR	1	0		09/25/2025
Bromide	mg/L	+/-20	10.2		10.0		1	2		09/25/2025
Nitrite	mg/L	+/-20	3.00		2.90		1	3		09/25/2025
Orthophosphate as P	mg/L	+/-20	3.40		2.70		1	23	*	09/25/2025
Ammonia as N	mg/L	+/-20	12.9	OR	12.8	OR	1	1		09/30/2025
TKN	mg/L	+/-20	15.7	OR	15.6	OR	1	1		09/30/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Run No.: LB137318

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137318BS							
BOD5	mg/L	198	193		97	1	84.6-115.4	09/25/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Run No.: LB137321

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137321BSW							
Bromide	mg/L	10	10.1		101	1	90-110	09/25/2025
Chloride	mg/L	3	3.00		100	1	90-110	09/25/2025
Fluoride	mg/L	2	2.00		100	1	90-110	09/25/2025
Nitrite	mg/L	3	3.00		100	1	90-110	09/25/2025
Nitrate	mg/L	2.5	2.40		96	1	90-110	09/25/2025
Sulfate	mg/L	15	14.8		99	1	90-110	09/25/2025
Orthophosphate as P	mg/L	5	5.10		102	1	90-110	09/25/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Run No.: LB137356

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137356BS							
TSS	mg/L	550	532		97	1	90-110	09/30/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Run No.: LB137357

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137357BS							
TDS	mg/L	100	95.0		95	1	90-110	09/30/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset 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

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Run No.: LB137439

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137439BS							
Alkalinity	mg/L	50	52.8		106	1	80-120	10/06/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Run No.: LB137369

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169898BS							
Ammonia as N	mg/L	1	0.99		99	1	90-110	09/30/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Run No.: LB137372

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169920BS							
TKN	mg/L	5	4.90		98	1	90-110	09/30/2025



RAW DATA

Analytical Summary Report

Analysis Method: SM2130 B

ANALYST: Iwona

Parameter: Turbidity

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137317

Reagent/Standard	Lot/Log #
Turbidity Calibration std, 0NTU	WP114907
Turbidity Calibration std, 20NTU	WP114902
Turbidity Calibration std, 80NTU	WP114911
Turbidity Calibration std, 40NTU	WP114901
Turbidity Calibration std, 200NTU	WP114912
Turbidity Calibration std, 1NTU	WP114905
Turbidity Calibration std, 5NTU	WP114904
Turbidity Calibration - CCV std, 10 NTU	WP114903
10 NTU Standard 500 ml	W3116

Intercept: 0.5001

Slope: 1.0406

Regression: 0.9999

Seq	Lab ID	True Value (NTU)	Dilution	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	0.178	-0.31		09/25/2025	09:25
2	CAL2	1	1	1.360	0.83	-17.4	09/25/2025	09:28
3	CAL3	5	1	5.530	4.83	-3.3	09/25/2025	09:31
4	CAL4	10	1	11.700	10.76	7.6	09/25/2025	09:34
5	CAL5	20	1	21.300	19.99	-0.1	09/25/2025	09:37
6	CAL6	40	1	43.200	41.03	2.6	09/25/2025	09:40
7	CAL7	80	1	82.200	78.51	-1.9	09/25/2025	09:42
8	CAL8	200	1	209.000	200.37	0.2	09/25/2025	09:45

Analytical Summary Report

Analysis Method: SM2130 B

ANALYST: Iwona

Parameter: Turbidity

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137317

Seq	Lab ID	True Value (NTU)	Dilution	Reading	Result (NTU)	AnalDate	Anal Time
1	ICV	10	1	11.100	10.186	09/25/2025	09:48
2	ICB		1	0.174	-0.313	09/25/2025	09:51
3	CCV1	10	1	10.200	9.321	09/25/2025	09:54
4	CCB1		1	0.189	-0.299	09/25/2025	09:57
5	LB137317BL		1	0.184	-0.304	09/25/2025	10:00
6	Q3202-01		1	21.400	20.084	09/25/2025	10:03
7	Q3202-01DUP		1	21.200	19.892	09/25/2025	10:06
8	Q3202-03		1	1.970	1.413	09/25/2025	10:09
9	Q3202-05		1	49.100	46.704	09/25/2025	10:12
10	Q3202-07		1	52.900	50.355	09/25/2025	10:15
11	Q3202-09		1	1.570	1.028	09/25/2025	10:18
12	Q3202-11		2	108.000	103.306	09/25/2025	10:21
13	Q3202-17		100	113.000	108.111	09/25/2025	10:24
14	CCV2	10	1	11.600	10.667	09/25/2025	10:27
15	CCB2		1	0.187	-0.301	09/25/2025	10:30

WORKLIST(Hardcopy Internal Chain)

LB137317

WorkList Name : TURBIDITY-092525

WorkList ID : 192080

Department : Wet-Chemistry

Date : 09-25-2025 09:17:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3202-01	SY-6	Water	Turbidity	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2130 B
Q3202-03	SY-2R	Water	Turbidity	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2130 B
Q3202-05	SY-2D	Water	Turbidity	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2130 B
Q3202-07	SY-5	Water	Turbidity	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2130 B
Q3202-09	SY-3DD	Water	Turbidity	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2130 B
Q3202-11	SY-3D	Water	Turbidity	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2130 B
Q3202-17	SY-3	Water	Turbidity	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2130 B

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

09/25/25 09:20
12(50)
20(00)

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

09/25/25 10:45
20(00)
12(50)

BOD5 LOG

ANALYST: rubin

SUPERVISOR: Iwona

Analysis Date: 09/25/2025

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3105

NaOH, 1N: WP113878

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP114920

QC BATCH ID: LB137318

BOD Water: WP114908

Starch: W3149

Sulfuric acid, 1N: WP112832

POLYSEED: WP114910

GGA: WP114909

Chlorine Strips: W3155

pH Strips: W3215

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: 9.15 Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg DO Meter BOD fluid reading for winkler comparison: 9.69

After Incubation

Meter Calibration2: 8.65 Zero DO Reading2: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB137318

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 19.8

TIME IN: 10:00

TIME OUT: 09:20

DATE IN: 09/25/2025

DATE OUT: 09/30/2025

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
LB137318BL	1	No	6.59	N/A	20.90	300	9.68	9.66	0.02	0.02	0.02	
POLYSEED	1					10	9.63	6.67	2.96	0.59	0.63	
POLYSEED	2					15	9.59	4.53	5.06	0.67		
POLYSEED	3					20	9.52	3.23	6.29	0.63		
GGA	1					6	9.52	5.09	4.43	190	192.83	
GGA	2					6	9.50	5.00	4.5	193.5		
GGA	3					6	9.50	4.97	4.53	195		
Q3168-05	1	No	5.77	6.81	20.20	5	9.61	7.60	2.01	82.8	72.22	pH Adjusted
Q3168-05	2					20	9.52	4.78	4.74	61.65		
Q3168-05	3					50	8.93	0.24	-	0		
Q3168-05	4					150	7.27	0.19	-	0		
Q3168-06	1	No	6.32	6.92	20.20	5	9.59	6.98	2.61	118.8	107.1	pH Adjusted
Q3168-06	2					20	9.42	2.43	6.99	95.4		
Q3168-06	3					50	8.71	0.20	-	0		
Q3168-06	4					150	7.21	0.12	-	0		
Q3180-02	1	No	6.76	N/A	20.30	5	9.41	2.83	6.58	3570	3570	
Q3180-02	2					10	9.35	0.11	-	0		
Q3180-02	3					20	9.14	0.09	-	0		
Q3180-02	4					30	9.03	0.07	-	0		
Q3180-02DUP	1	No	6.76	N/A	20.30	5	9.42	2.99	6.43	3480	3480	
Q3180-02DUP	2					10	9.36	0.15	-	0		
Q3180-02DUP	3					20	9.12	0.12	-	0		
Q3180-02DUP	4					30	9.04	0.10	-	0		
Q3184-01	1	No	7.67	7.31	20.50	1	9.45	7.40	2.05	42600	16504.5	pH Adjusted
Q3184-01	2					5	9.34	6.67	2.67	12240		
Q3184-01	3					10	9.27	6.42	2.85	6660		
Q3184-01	4					50	9.17	1.01	8.16	4518		
Q3184-01	5					100	9.01	0.46	-	0		
Q3184-05	1	No	4.91	7.01	20.30	1	9.46	7.76	-	0	5370	pH Adjusted
Q3184-05	2					5	9.42	7.40	2.02	8340		
Q3184-05	3					10	9.39	7.04	2.35	5160		
Q3184-05	4					50	9.21	4.23	4.98	2610		
Q3184-05	5					100	8.90	0.94	-	0		
Q3202-01	1	No	5.99	7.09	20.10	5	9.36	8.89	-	0		pH Adjusted
Q3202-01	2					20	9.24	8.81	-	0		
Q3202-01	3					50	9.07	8.65	-	0		
Q3202-01	4					150	8.25	8.11	-	0		
Q3202-03	1	No	5.46	6.85	20.10	5	9.60	8.69	-	0		pH Adjusted
Q3202-03	2					20	9.44	8.39	-	0		
Q3202-03	3					50	9.35	8.27	-	0		
Q3202-03	4					150	8.44	8.16	-	0		

Q3202-05	1	No	5.84	6.74	20.00	5	9.63	8.78	-	0		
Q3202-05	2					20	9.60	8.51	-	0		
Q3202-05	3					50	9.57	8.40	-	0		
Q3202-05	4					150	8.97	7.49	-	0		
Q3202-07	1	No	5.94	6.99	20.00	5	9.65	8.86	-	0		pH Adjusted
Q3202-07	2					20	9.59	8.60	-	0		
Q3202-07	3					50	9.33	8.29	-	0		
Q3202-07	4					150	8.07	7.98	-	0		
Q3202-09	1	No	5.83	7.23	20.00	5	9.61	8.88	-	0		pH Adjusted
Q3202-09	2					20	9.57	8.68	-	0		
Q3202-09	3					50	9.45	8.27	-	0		
Q3202-09	4					150	8.68	8.12	-	0		
Q3202-11	1	No	6.44	6.70	20.00	5	9.55	7.56	-	0	37.06	pH Adjusted
Q3202-11	2					20	9.47	6.03	3.44	42.15		
Q3202-11	3					50	9.09	3.13	5.96	31.98		
Q3202-11	4					150	6.94	0.96	-	0		
Q3202-17	1	No	6.23	6.59	20.00	5	9.60	7.62	-	0	45.05	pH Adjusted
Q3202-17	2					20	8.89	4.89	4	50.55		
Q3202-17	3					50	8.30	1.08	7.22	39.54		
Q3202-17	4					150	6.02	0.49	-	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)

6137318

WorkList Name : bod5-9-24 WorkList ID : 192047 Department : Wet-Chemistry Date : 09-24-2025 12:51:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3168-05	TOTES COMP#1	Water	BOD5	Cool 4 deg C	PSEG03	J11	09/23/2025	SM5210 B
Q3168-06	TOTES COMP#2	Water	BOD5	Cool 4 deg C	PSEG03	J11	09/23/2025	SM5210 B
Q3180-02	Comp	Water	BOD5	Cool 4 deg C	ARAM01	J51	09/24/2025	SM5210 B
Q3184-01	EFFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	J52	09/24/2025	SM5210 B
Q3184-05	INFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	J52	09/24/2025	SM5210 B

Date/Time 09/25/2025 07:25
 Raw Sample Received by: RH cws
 Raw Sample Relinquished by: RC (CWS)

Date/Time 09/25/2025 10:10
 Raw Sample Received by: RC (CWS)
 Raw Sample Relinquished by: RH cws

6137318

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod5-09-25

WorkList ID : 192093

Department : Wet-Chemistry

Date : 09-25-2025 07:15:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3202-01	SY-6	Water	BOD5	Cool 4 deg C	LOCK01	I63	09/23/2025	SM5210 B
Q3202-03	SY-2R	Water	BOD5	Cool 4 deg C	LOCK01	I63	09/23/2025	SM5210 B
Q3202-05	SY-2D	Water	BOD5	Cool 4 deg C	LOCK01	I63	09/23/2025	SM5210 B
Q3202-07	SY-5	Water	BOD5	Cool 4 deg C	LOCK01	I63	09/23/2025	SM5210 B
Q3202-09	SY-3DD	Water	BOD5	Cool 4 deg C	LOCK01	I63	09/23/2025	SM5210 B
Q3202-11	SY-3D	Water	BOD5	Cool 4 deg C	LOCK01	I63	09/23/2025	SM5210 B
Q3202-17	SY-3	Water	BOD5	Cool 4 deg C	LOCK01	I63	09/23/2025	SM5210 B

Date/Time 09/25/2025 07:25
Raw Sample Received by: RM (WC)
Raw Sample Relinquished by: RM (WC)

Date/Time 09/20/25 10.10
Raw Sample Received by: RM (WC)
Raw Sample Relinquished by: RM (WC)

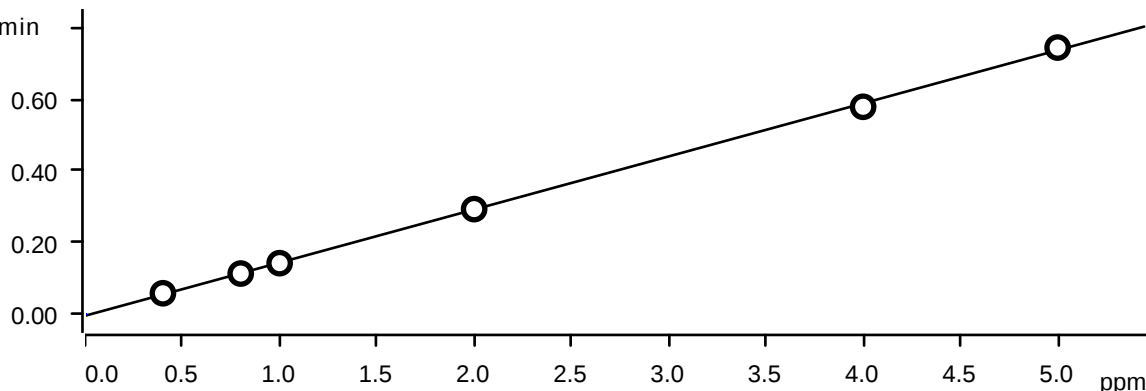
Instrument IC-1				Analyst: RM		Method: 300.0 / 9056A		Initial v Analyst	
Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method name	date time
STD1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/9/2025 10:21
STD2	0.423	0.641	0.632	2.091	0.529	1.063	3.237	IC1-090925	9/9/2025 10:42
STD3	0.794	1.189	1.197	3.984	0.997	2.006	6.010	IC1-090925	9/9/2025 11:25
STD4	0.990	1.475	1.473	4.920	1.228	2.461	7.371	IC1-090925	9/9/2025 11:47
STD5	2.008	3.012	3.027	10.105	2.514	4.978	15.047	IC1-090925	9/9/2025 13:36
STD6	3.935	5.921	5.894	19.658	4.924	9.905	29.203	IC1-090925	9/9/2025 13:58
STD7	5.050	7.561	7.577	25.243	6.308	12.587	37.633	IC1-090925	9/9/2025 14:41
ICV	2.001	2.995	2.988	9.985	2.483	5.041	14.797	IC1-090925	9/9/2025 15:02
ICB	0.000	0.063	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/9/2025 15:45
CCV	1.976	2.943	2.981	10.039	2.435	4.674	14.687	IC1-090925	9/25/2025 9:29
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/25/2025 9:51
Q3202-01	0.038	6.943	0.000	0.229	1.502	0.000	26.241	IC1-090925	9/25/2025 10:12
Q3202-03	0.132	388.453	0.000	0.000	3.029	0.000	21.967	IC1-090925	9/25/2025 10:34
Q3202-05	0.086	300.476	0.000	0.000	2.963	0.000	13.237	IC1-090925	9/25/2025 10:55
Q3202-07	0.083	298.727	0.000	0.000	2.993	0.000	13.377	IC1-090925	9/25/2025 11:17
Q3202-09	0.053	4.908	0.000	0.000	0.085	0.000	0.823	IC1-090925	9/25/2025 11:38
Q3202-11	0.259	967.298	0.000	0.348	0.000	0.000	39.913	IC1-090925	9/25/2025 12:00
Q3202-13MS	2.215	921.362	2.960	10.244	2.438	3.365	53.804	IC1-090925	9/25/2025 12:22
Q3202-15MSD	2.195	924.995	2.893	10.018	2.375	2.739	53.573	IC1-090925	9/25/2025 12:43
Q3202-17	0.107	397.261	0.000	0.303	0.100	0.000	21.579	IC1-090925	9/25/2025 13:05
LB137321BLW	0.000	0.000	0.000	0.000	0.000	0.164	0.000	IC1-090925	9/25/2025 13:26
CCV	2.009	2.952	2.998	10.076	2.441	5.195	14.901	IC1-090925	9/25/2025 13:48
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/25/2025 14:09
LB137321BSW	1.982	2.960	3.001	10.087	2.449	5.125	14.820	IC1-090925	9/25/2025 14:31
Q3202-03DLX100	0.000	2.609	0.000	0.000	0.067	0.000	0.602	IC1-090925	9/25/2025 14:55
Q3202-05DLX100	0.000	2.078	0.000	0.000	0.070	0.000	0.553	IC1-090925	9/25/2025 15:18
Q3202-07DLX100	0.000	2.033	0.000	0.000	0.071	0.000	0.530	IC1-090925	9/25/2025 15:39
Q3202-11DLX2	0.147	471.543	0.000	0.231	0.000	0.000	19.598	IC1-090925	9/25/2025 16:01
Q3202-11DL2X200	0.000	3.158	0.000	0.000	0.000	0.000	0.601	IC1-090925	9/25/2025 16:22
Q3202-17DLX100	0.000	2.708	0.000	0.000	0.000	0.000	0.616	IC1-090925	9/25/2025 16:44
CCV	2.029	2.954	2.997	10.074	2.437	5.173	14.867	IC1-090925	9/25/2025 17:05
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/25/2025 17:27

Clear table

Instrument ID: IC-2 Analyst: IZ Method: 300.0 / 9056A											
ident	concentra tion F-	concentratio n CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentratio n HPO4	concentrati on 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)

($\mu\text{S}/\text{cm}$) x min



Function: $A = -3.91674\text{E-}3 + 0.0148053 \times Q$

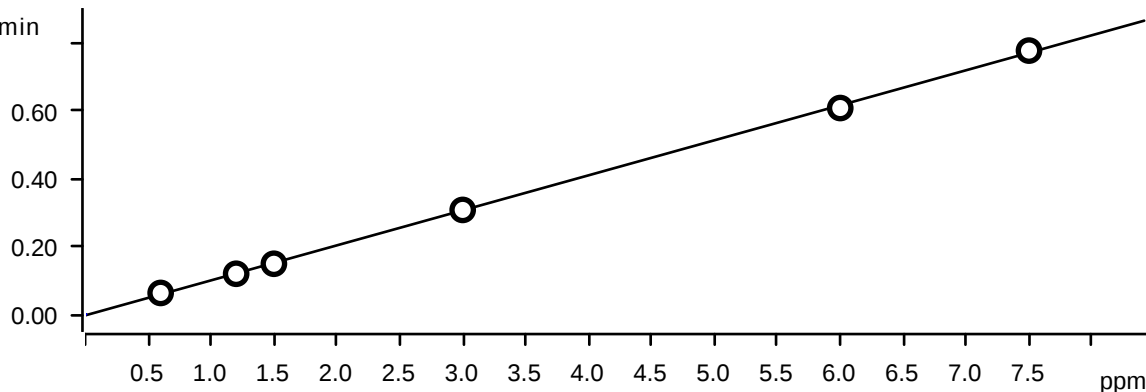
Relative standard deviation 1.985504 %

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)

($\mu\text{S}/\text{cm}$) x min



Function: $A = -2.97735\text{E-}3 + 0.0103068 \times Q$

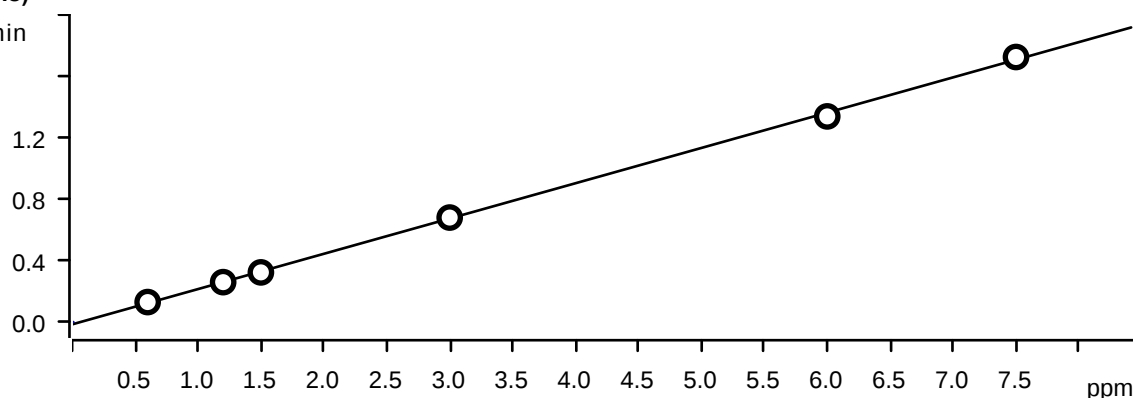
Relative standard deviation 1.712968 %

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)

(μS/cm) x min

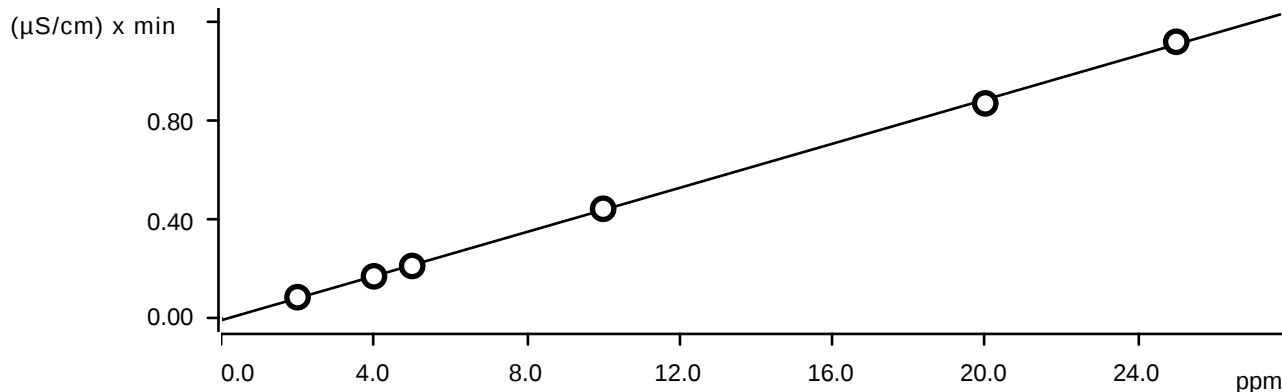
Function: $A = -0.0143669 + 0.0229543 \times Q$

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

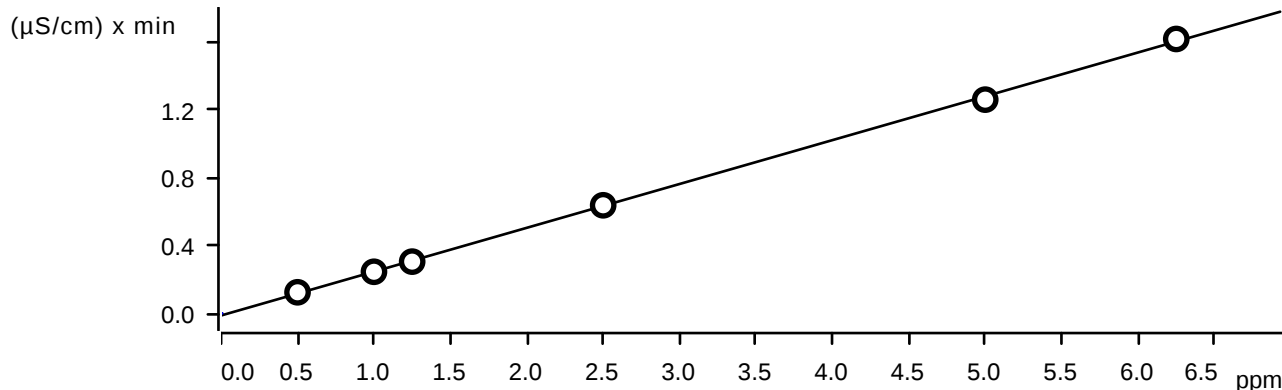
Bromide (Anions)



Function: $A = -5.68247E-3 + 4.44287E-3 \times Q$
 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

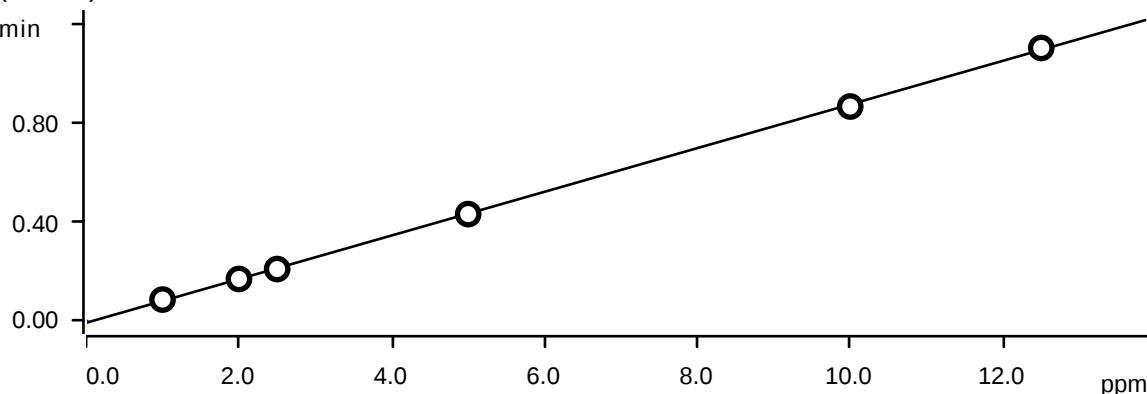
Nitrate (Anions)



Function: $A = -0.0122982 + 0.0258010 \times Q$
 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

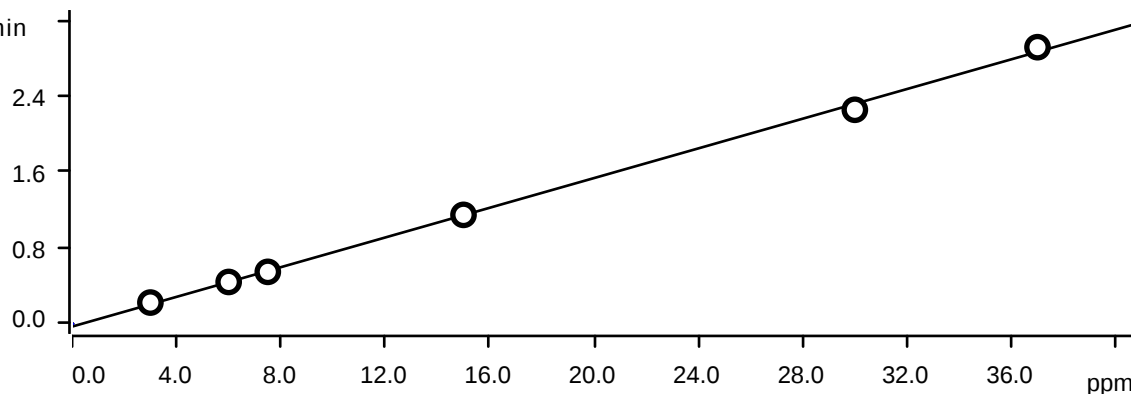
Phosphate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -6.72192E-3 + 8.79335E-3 \times Q$

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)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0295615 + 7.81954E-3 \times Q$

Relative standard deviation 3.285067 %

Correlation coefficient 0.999433

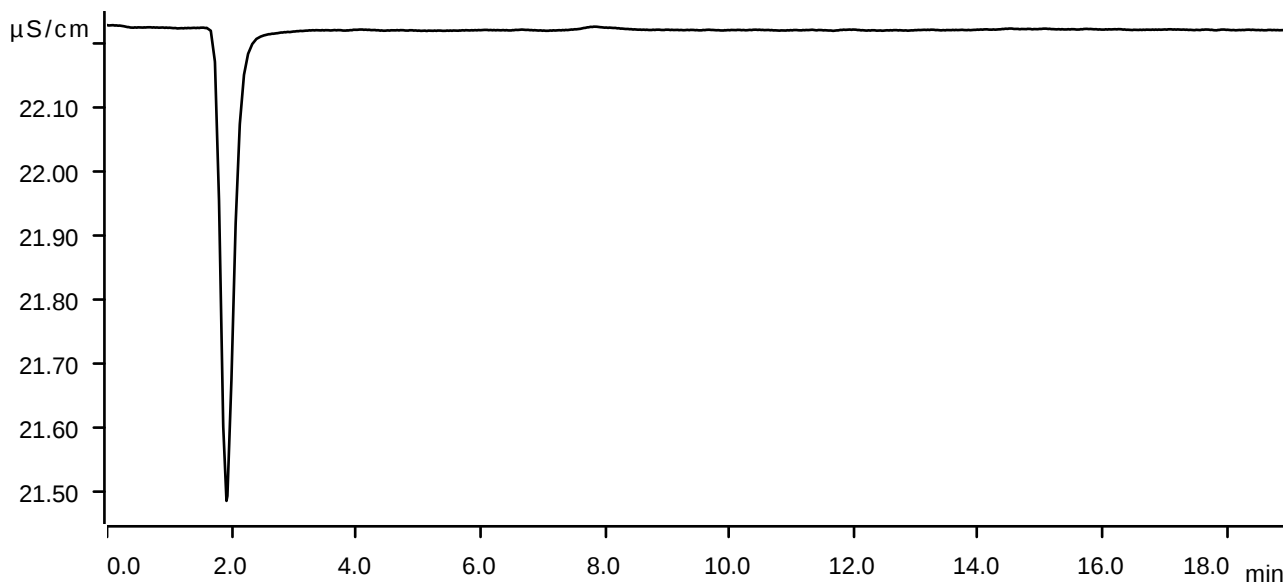
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.224	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.440	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 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

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

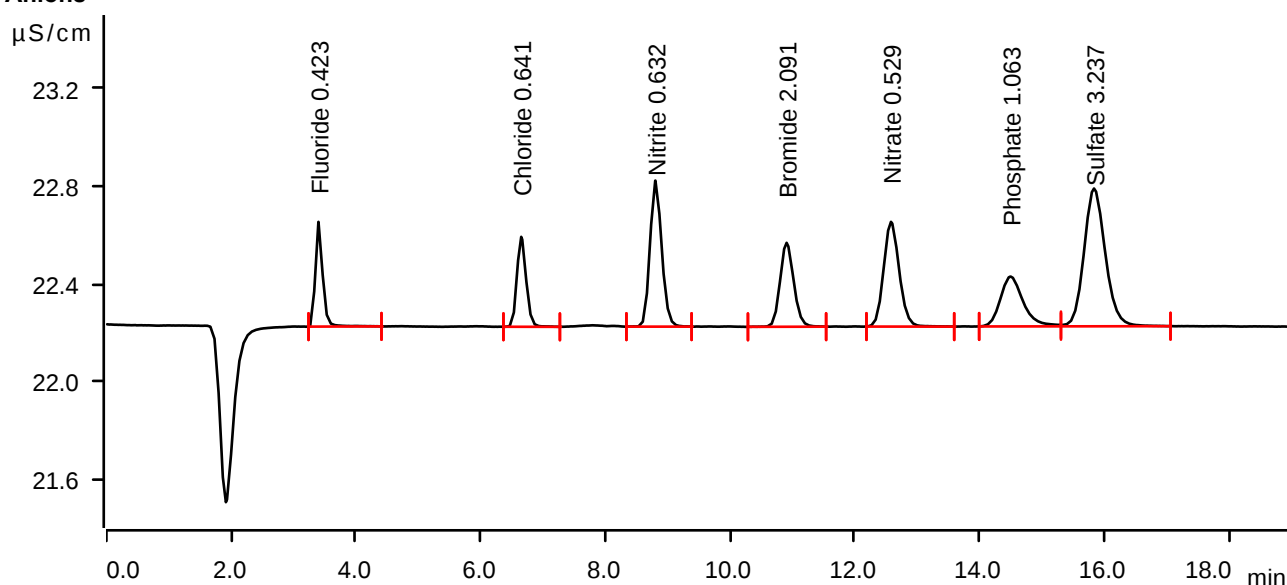
Sample data

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

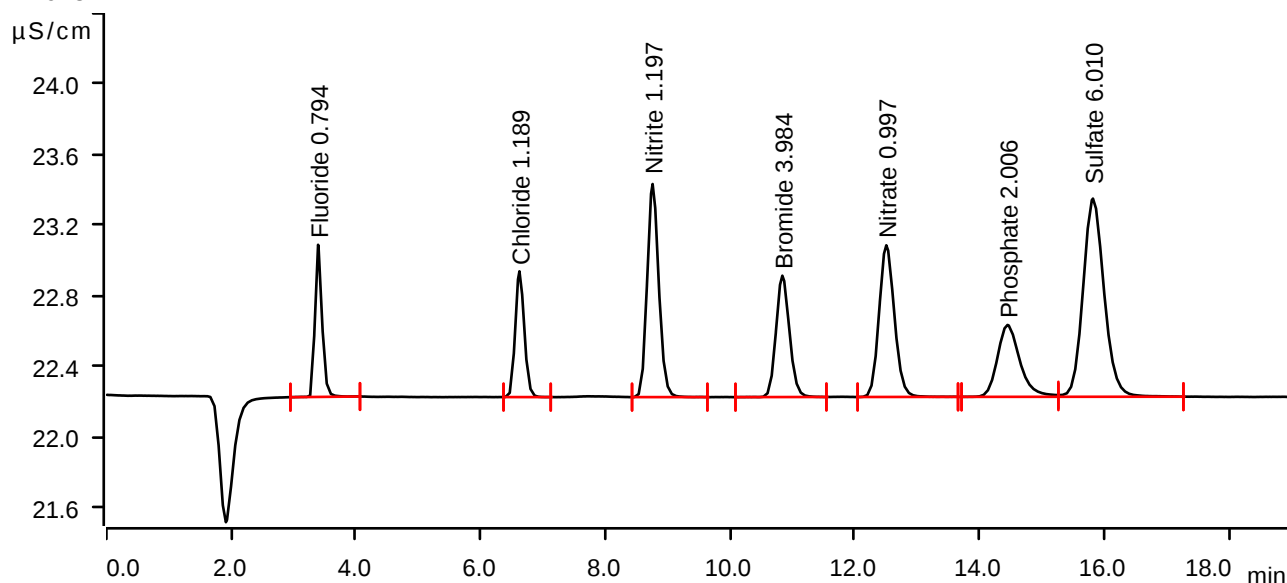
Sample data

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

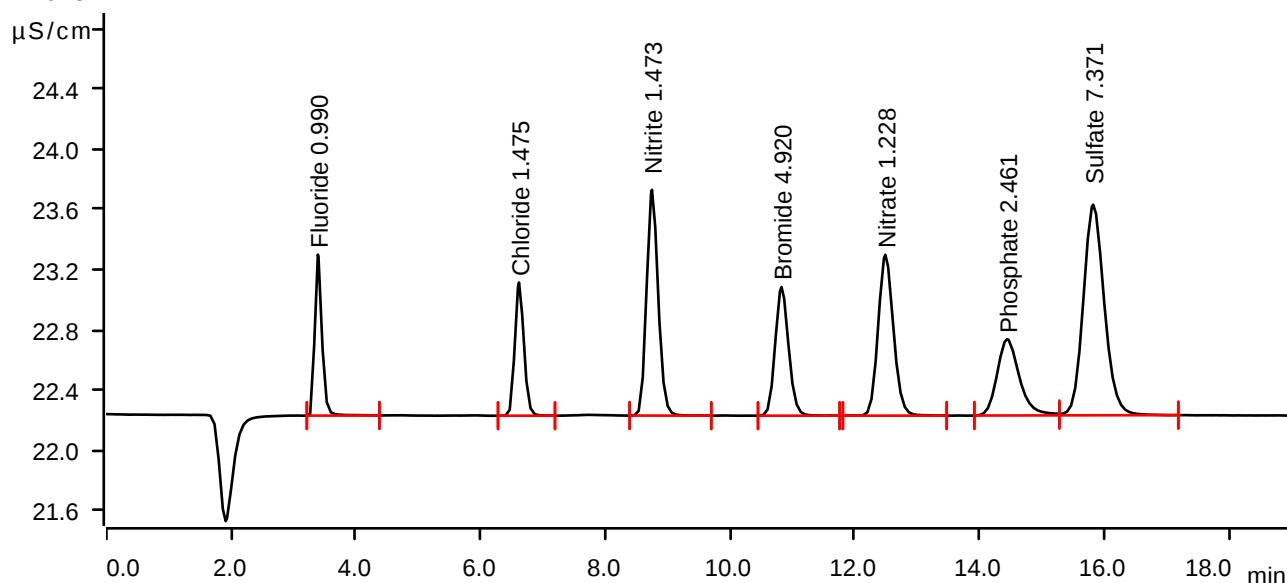
Sample data

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	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
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

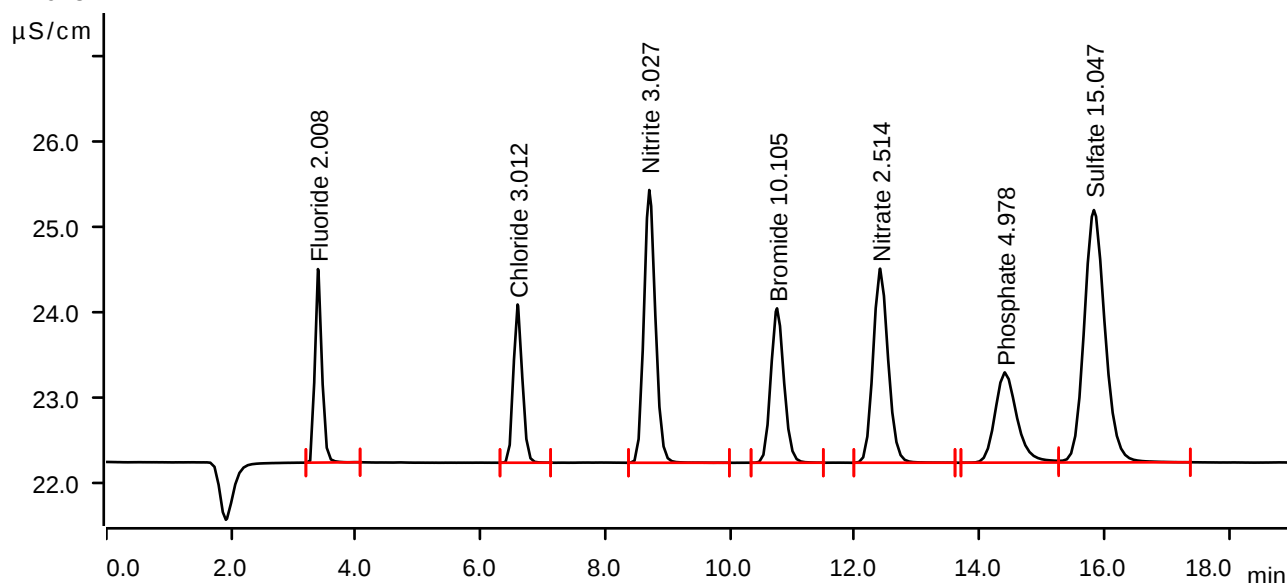
Sample data

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

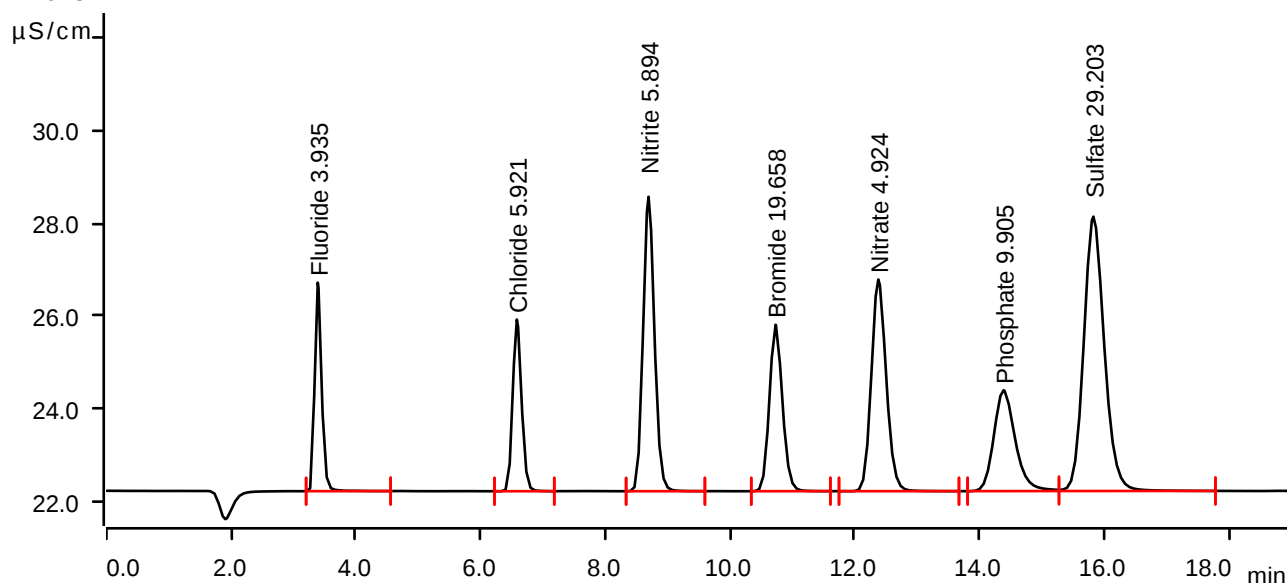
Sample data

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

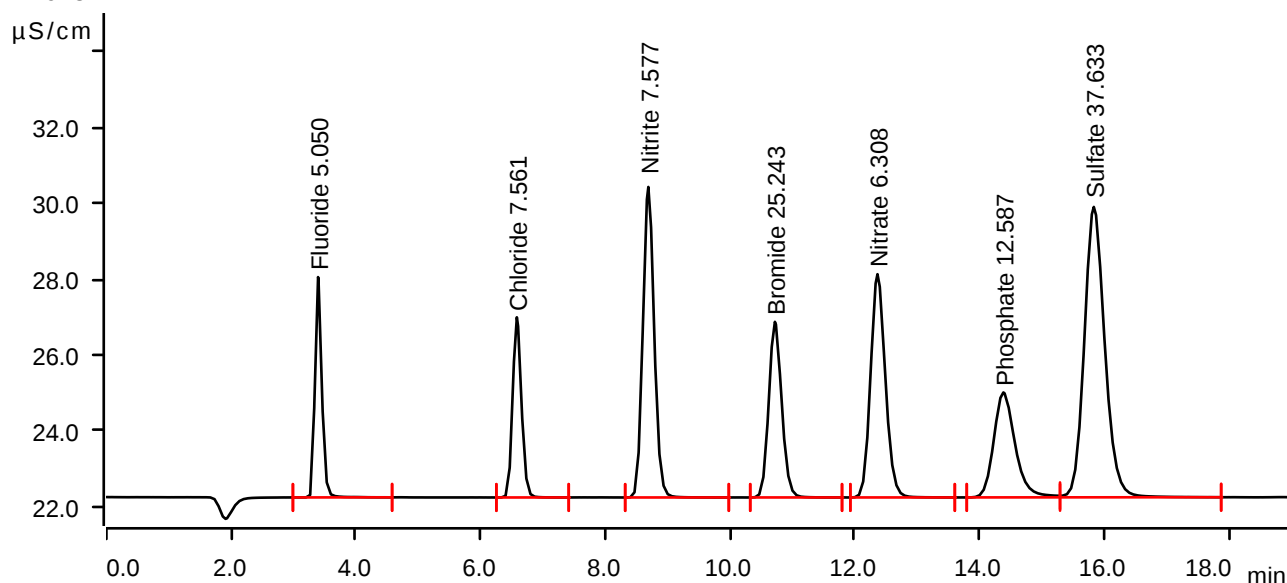
Sample data

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

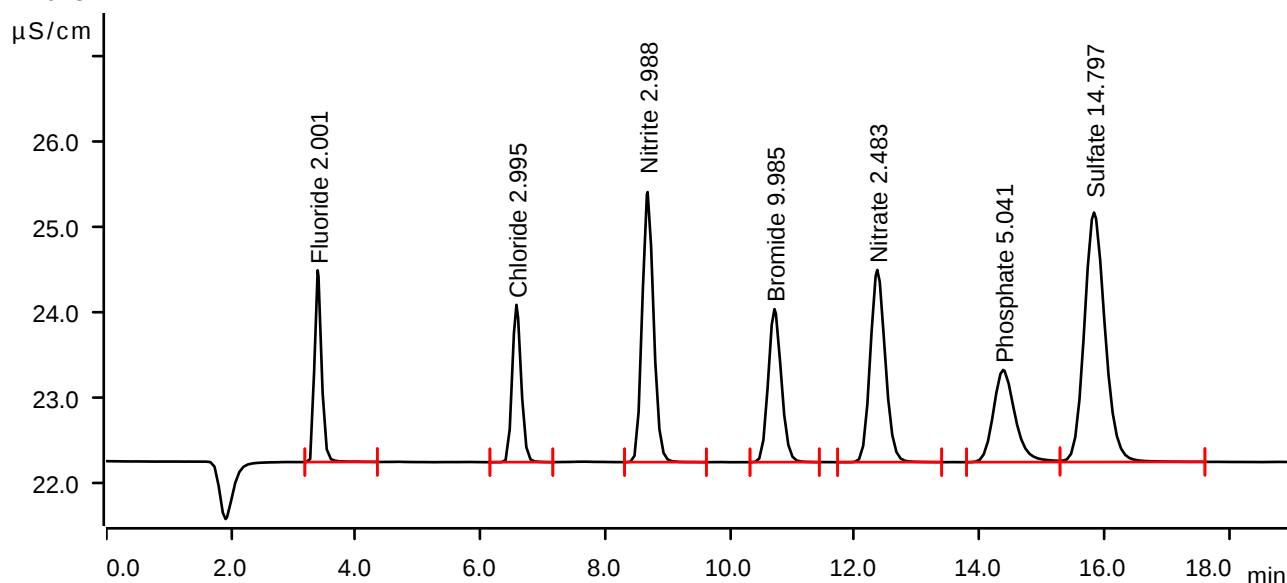
Sample data

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

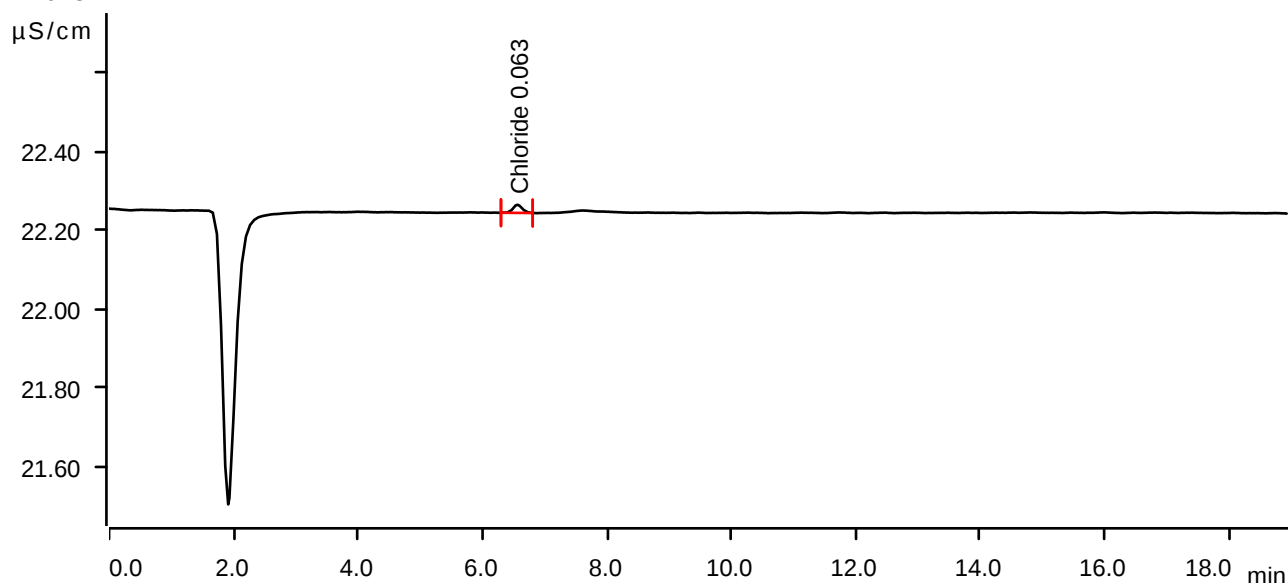
Sample data

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

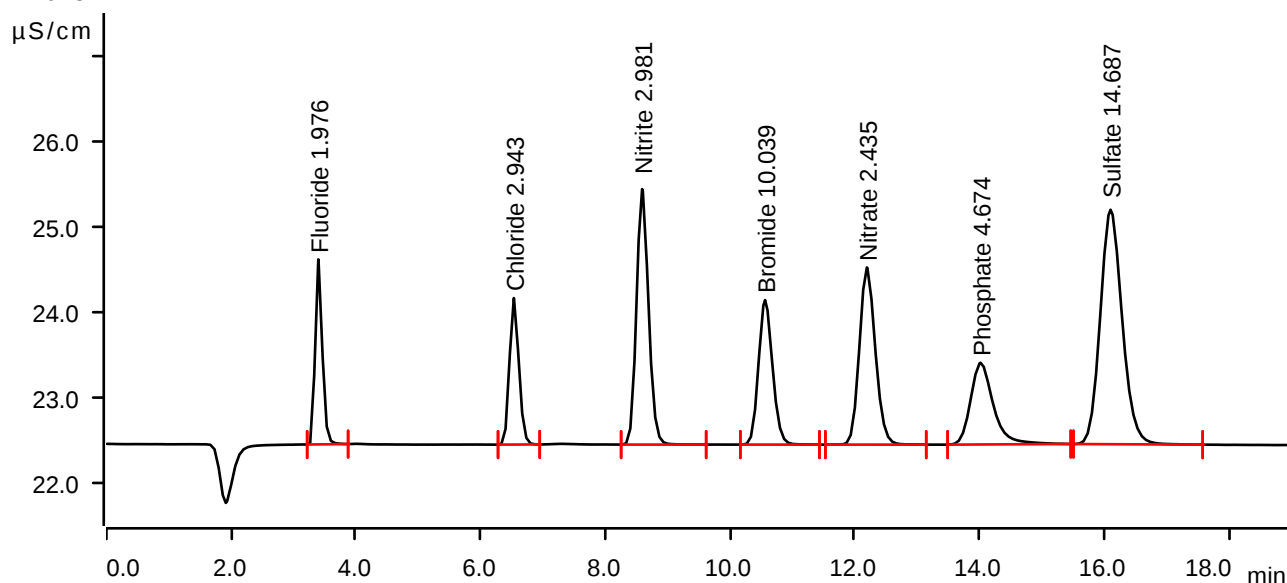
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-09-25 09:29:37 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 11.99 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



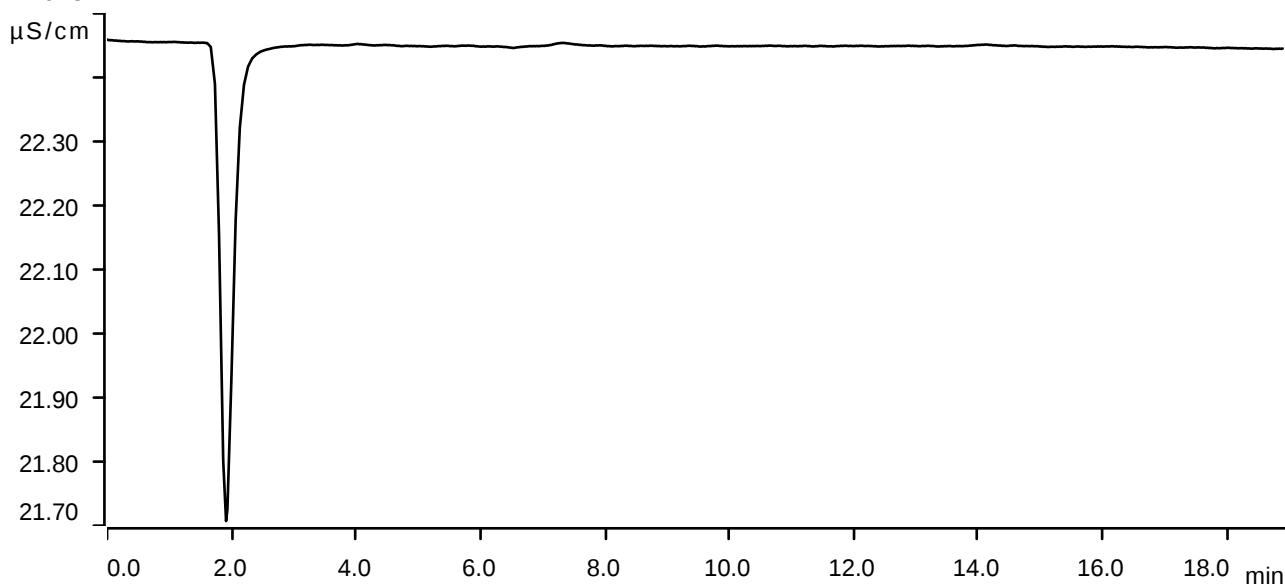
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.398	0.2886	2.166	1.976	Fluoride
2	6.533	0.3003	1.716	2.943	Chloride
3	8.590	0.6698	2.993	2.981	Nitrite
4	10.562	0.4403	1.693	10.039	Bromide
5	12.193	0.6161	2.075	2.435	Nitrate
6	14.017	0.4043	0.957	4.674	Phosphate
7	16.100	1.1189	2.746	14.687	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-09-25 09:51:08 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 11.94 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

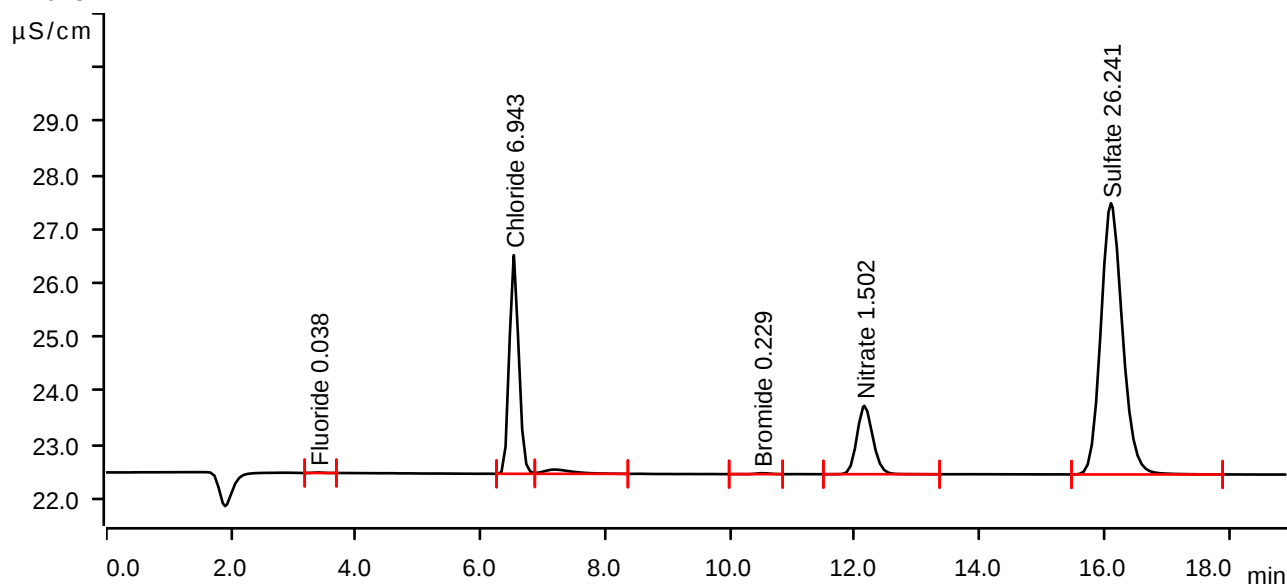
Sample data

Ident Q3202-01
Sample type Sample
Determination start 2025-09-25 10:12:40 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 11.94 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	3.398	0.0017	0.011	0.038	Fluoride
2	6.532	0.7126	4.056	6.943	Chloride
3	7.185	0.0431	0.079	invalid	
4	10.512	0.0045	0.018	0.229	Bromide
5	12.153	0.3751	1.269	1.502	Nitrate
6	16.107	2.0223	5.030	26.241	Sulfate

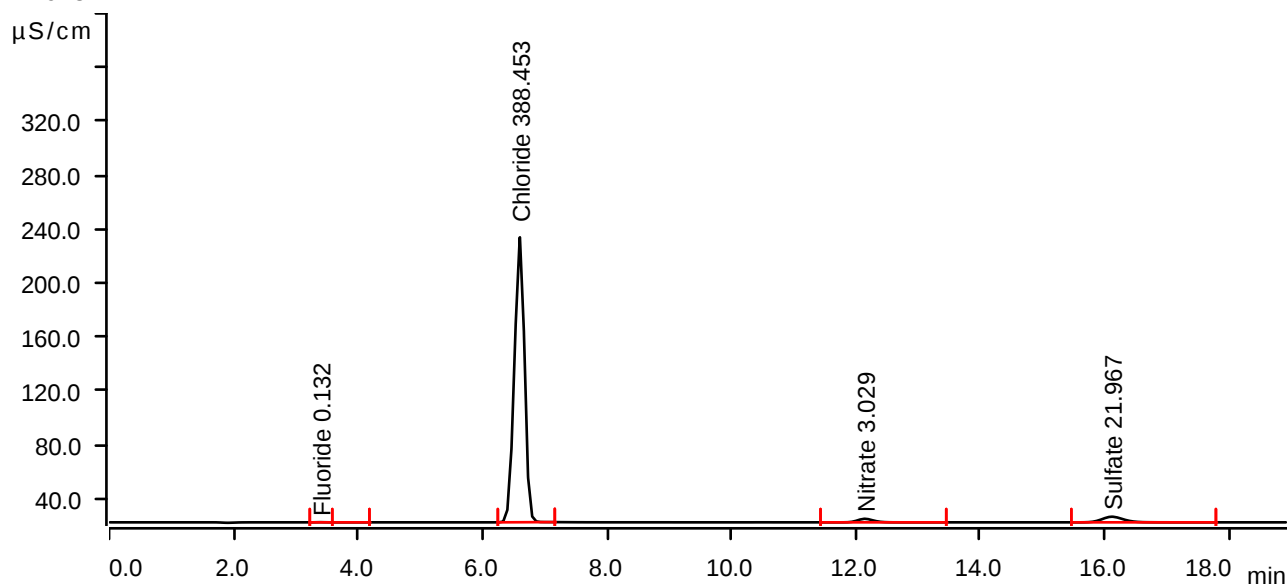
Sample data

Ident Q3202-03
Sample type Sample
Determination start 2025-09-25 10:34:14 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 11.88 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	3.397	0.0156	0.114	0.132	Fluoride
2	3.660	0.0019	0.008	invalid	
3	6.603	40.0340	211.397	388.453	Chloride
4	12.145	0.7691	2.622	3.029	Nitrate
5	16.115	1.6882	4.177	21.967	Sulfate

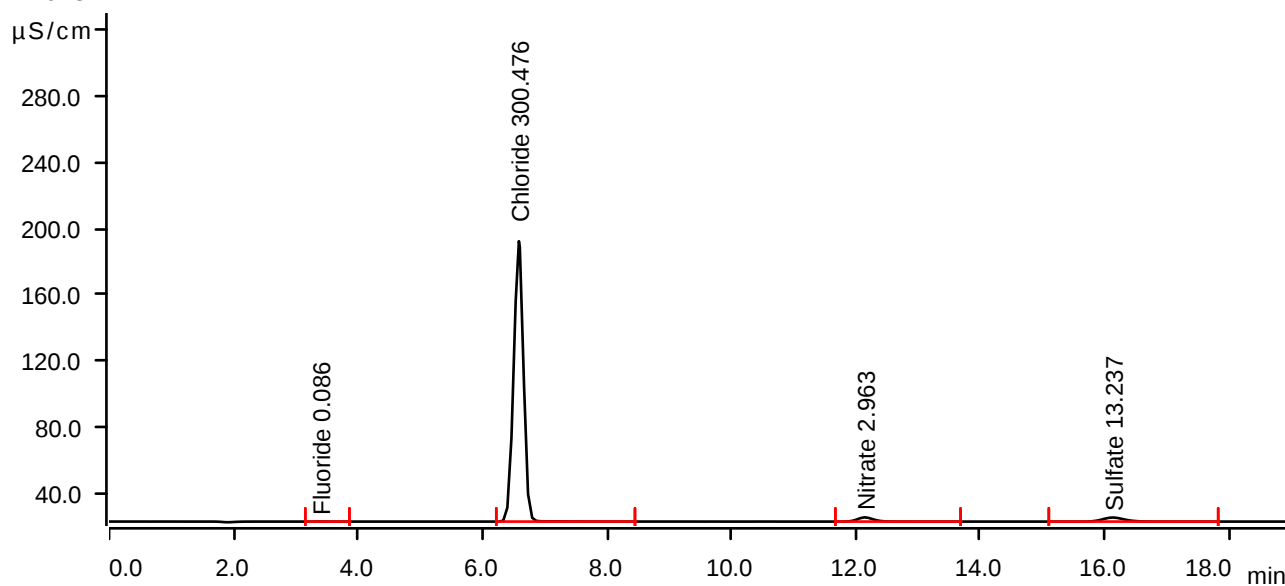
Sample data

Ident Q3202-05
Sample type Sample
Determination start 2025-09-25 10:55:48 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 11.88 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	0.0088	0.061	0.086	Fluoride
2	6.587	30.9665	169.691	300.476	Chloride
3	12.143	0.7522	2.556	2.963	Nitrate
4	16.128	1.0055	2.462	13.237	Sulfate

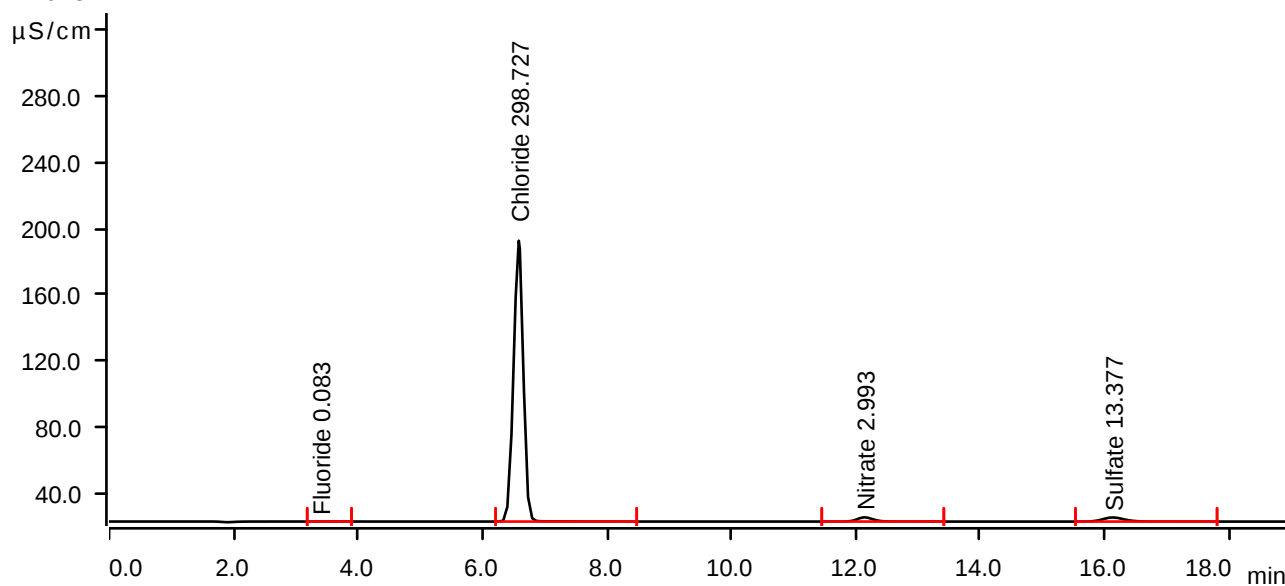
Sample data

Ident Q3202-07
Sample type Sample
Determination start 2025-09-25 11:17:23 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 11.88 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	0.0084	0.057	0.083	Fluoride
2	6.585	30.7862	169.947	298.727	Chloride
3	12.140	0.7598	2.591	2.993	Nitrate
4	16.128	1.0164	2.507	13.377	Sulfate

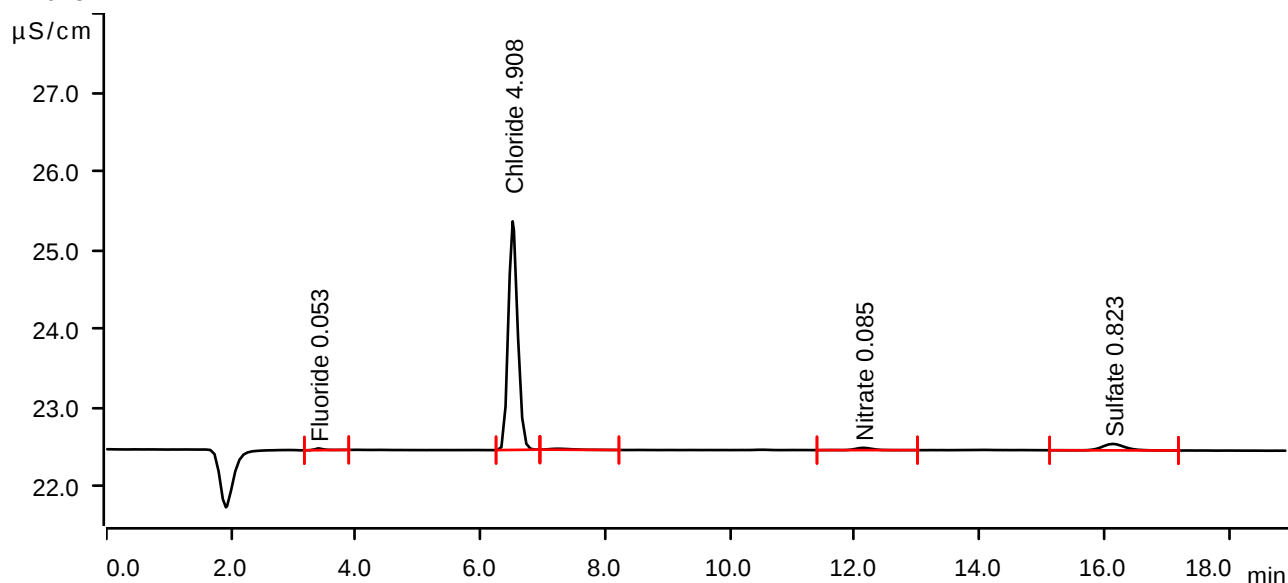
Sample data

Ident Q3202-09
Sample type Sample
Determination start 2025-09-25 11:38:58 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 11.82 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	3.398	0.0039	0.023	0.053	Fluoride
2	6.515	0.5028	2.900	4.908	Chloride
3	7.232	0.0054	0.013	invalid	
4	12.135	0.0096	0.029	0.085	Nitrate
5	16.142	0.0348	0.082	0.823	Sulfate

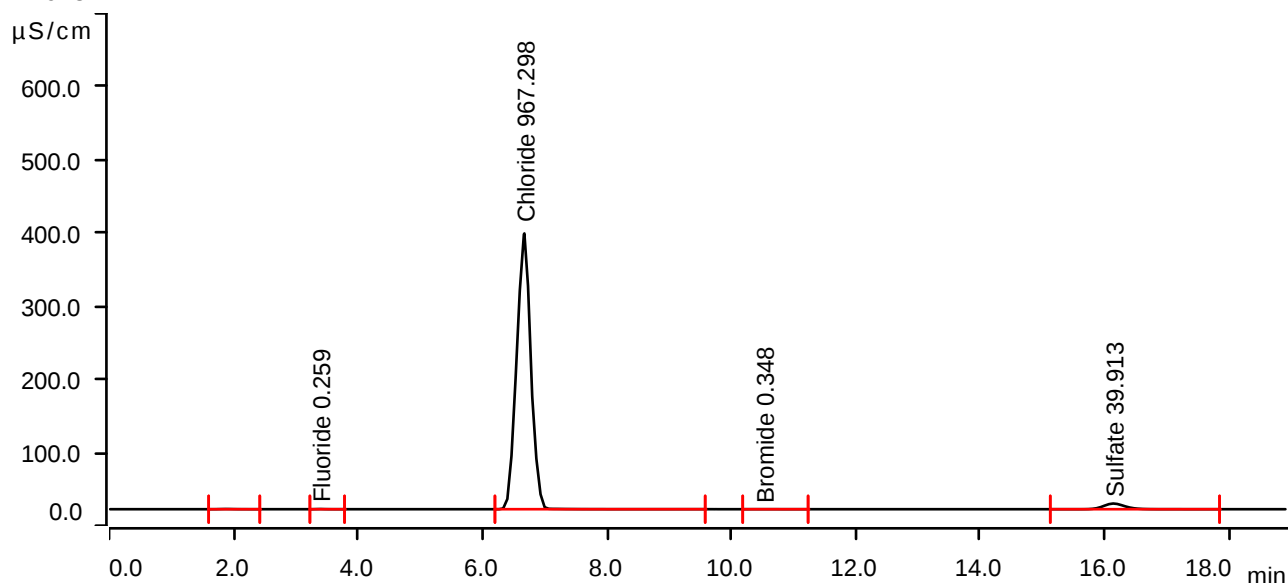
Sample data

Ident Q3202-11
Sample type Sample
Determination start 2025-09-25 12:00:33 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 11.82 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	1.882	0.0714	0.283	invalid	
2	3.393	0.0344	0.254	0.259	Fluoride
3	6.675	99.6942	376.905	967.298	Chloride
4	10.522	0.0098	0.038	0.348	Bromide
5	16.138	3.0915	7.767	39.913	Sulfate

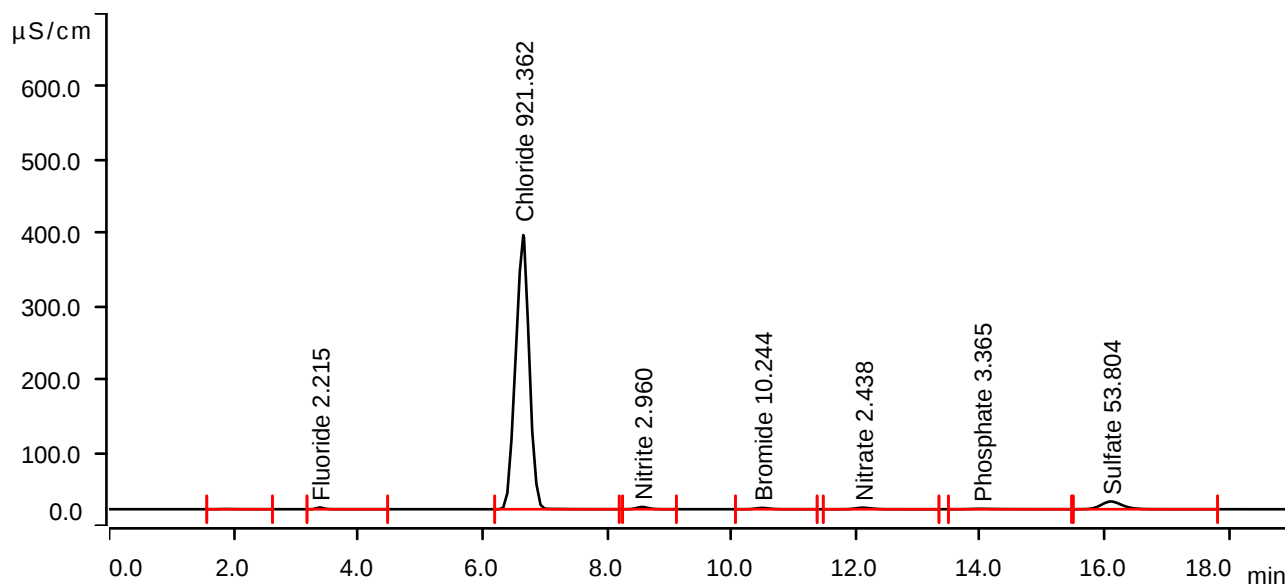
Sample data

Ident Q3202-13MS
Sample type Sample
Determination start 2025-09-25 12:22:07 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 11.88 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	1.872	0.0713	0.284	invalid	
2	3.385	0.3240	2.359	2.215	Fluoride
3	6.657	94.9597	374.696	921.362	Chloride
4	8.567	0.6650	3.068	2.960	Nitrite
5	10.495	0.4494	1.759	10.244	Bromide
6	12.115	0.6168	2.106	2.438	Nitrate
7	14.018	0.2892	0.554	3.365	Phosphate
8	16.098	4.1777	10.594	53.804	Sulfate

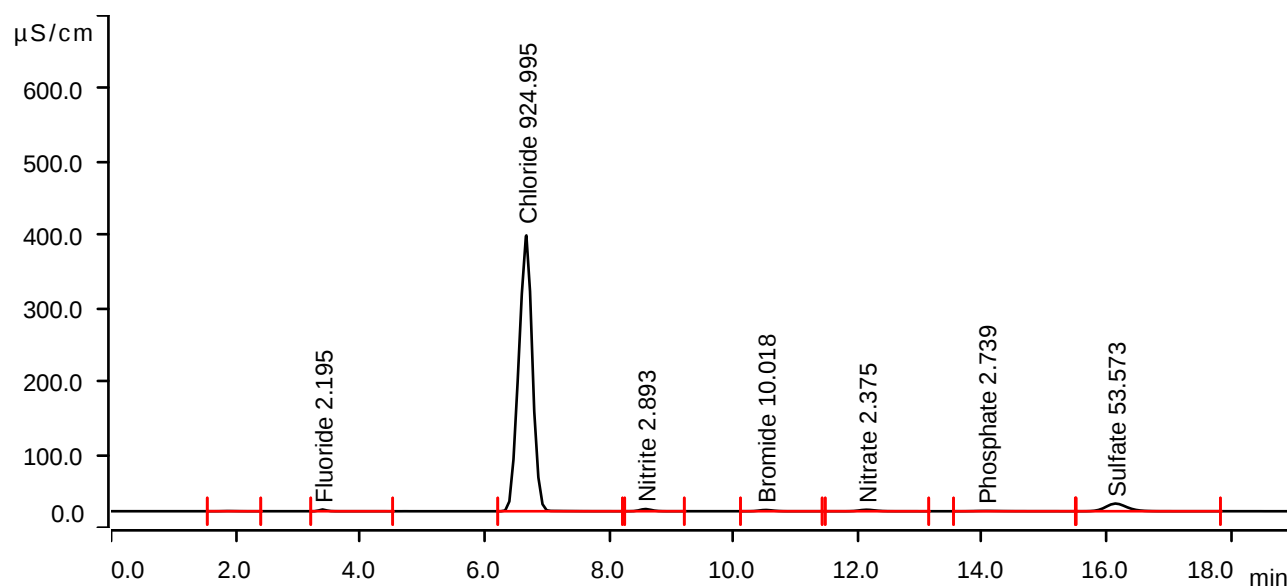
Sample data

Ident Q3202-15MSD
Sample type Sample
Determination start 2025-09-25 12:43:41 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 11.88 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	1.885	0.0717	0.284	invalid	
2	3.398	0.3210	2.340	2.195	Fluoride
3	6.675	95.3342	376.955	924.995	Chloride
4	8.587	0.6498	2.966	2.893	Nitrite
5	10.518	0.4394	1.700	10.018	Bromide
6	12.142	0.6004	2.032	2.375	Nitrate
7	14.060	0.2341	0.448	2.739	Phosphate
8	16.142	4.1596	10.445	53.573	Sulfate

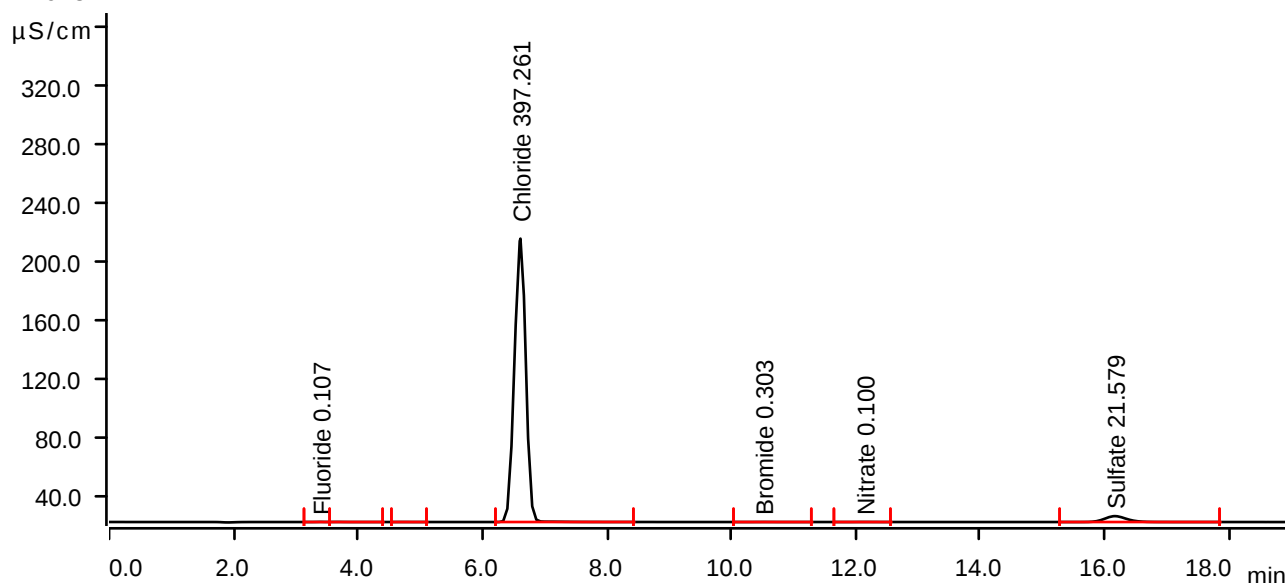
Sample data

Ident Q3202-17
Sample type Sample
Determination start 2025-09-25 13:05:14 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 11.88 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	3.398	0.0120	0.083	0.107	Fluoride
2	3.680	0.0127	0.061	invalid	
3	4.723	0.0046	0.023	invalid	
4	6.612	40.9419	193.653	397.261	Chloride
5	10.512	0.0078	0.028	0.303	Bromide
6	12.140	0.0135	0.045	0.100	Nitrate
7	16.163	1.6578	4.039	21.579	Sulfate

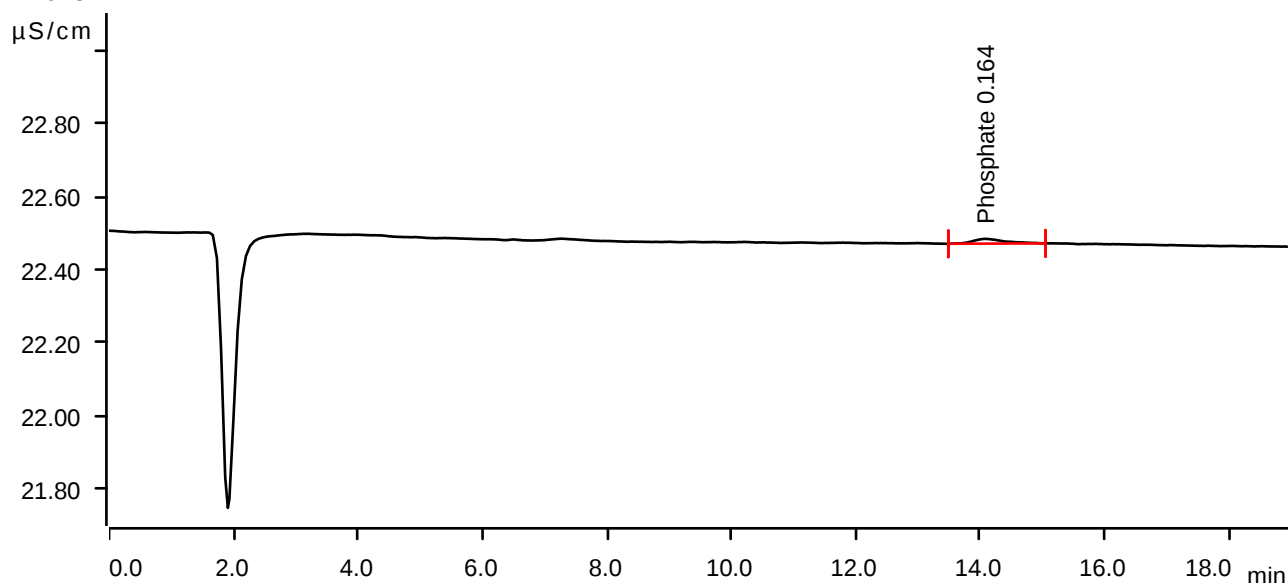
Sample data

Ident LB137321BLW
Sample type Sample
Determination start 2025-09-25 13:26:46 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 12.05 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	($\mu\text{S/cm}$) x min	$\mu\text{S/cm}$	ppm	
1	14.065	0.0077	0.013	0.164	Phosphate

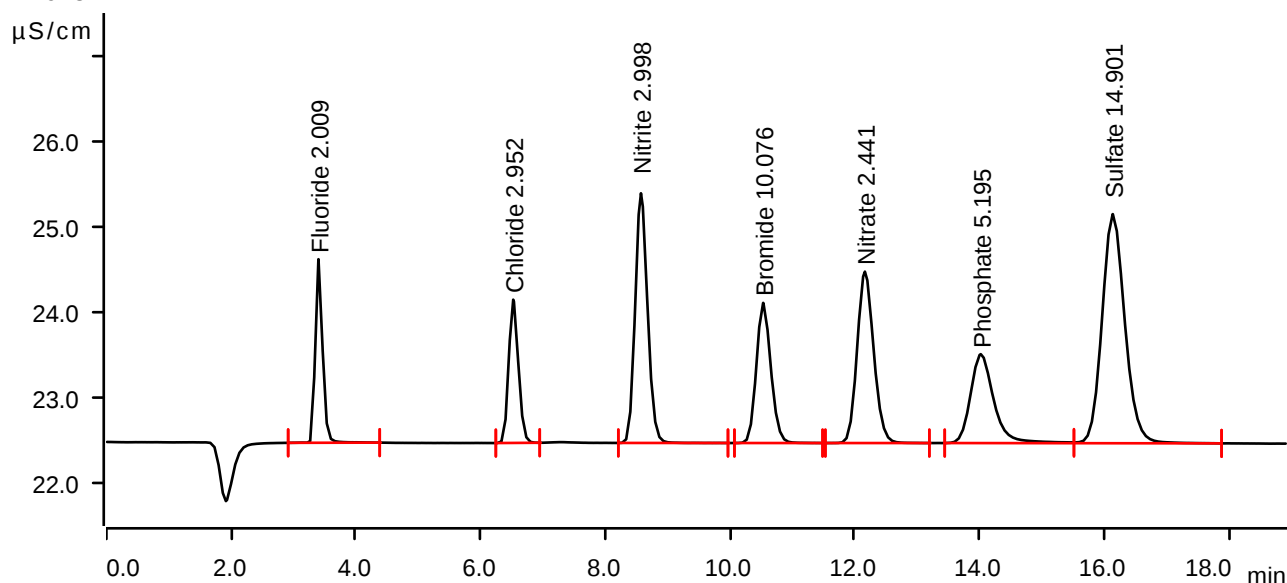
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-09-25 13:48:18 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 11.99 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



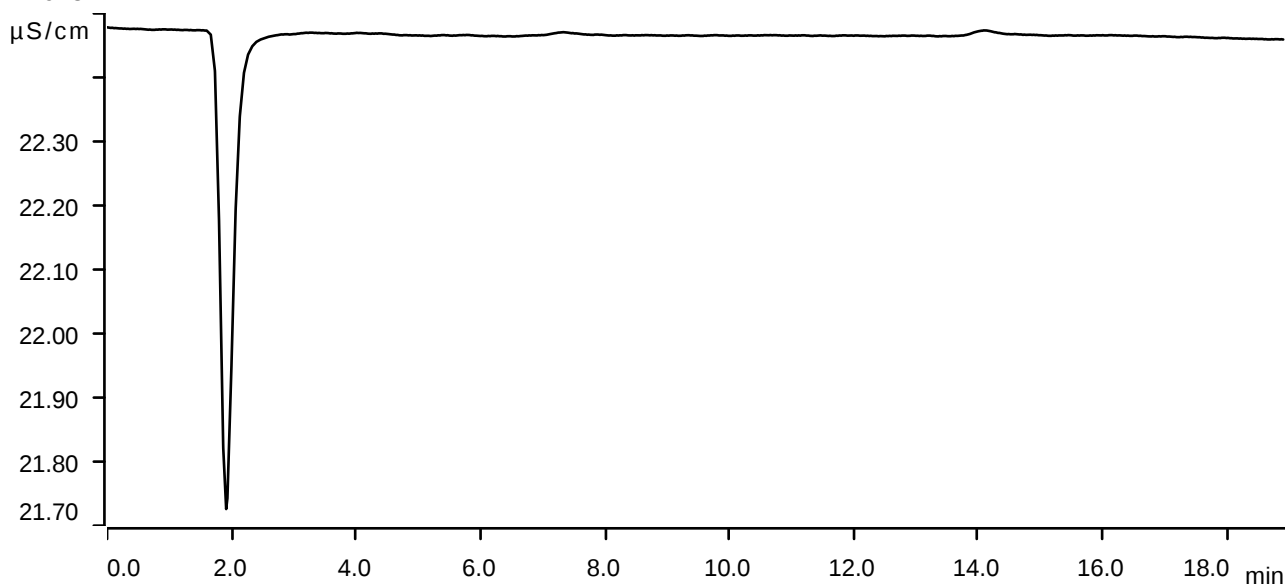
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.402	0.2935	2.150	2.009	Fluoride
2	6.523	0.3013	1.678	2.952	Chloride
3	8.572	0.6739	2.925	2.998	Nitrite
4	10.530	0.4420	1.642	10.076	Bromide
5	12.162	0.6174	2.008	2.441	Nitrate
6	14.020	0.4501	1.042	5.195	Phosphate
7	16.137	1.1356	2.684	14.901	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-09-25 14:09:50 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 11.99 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

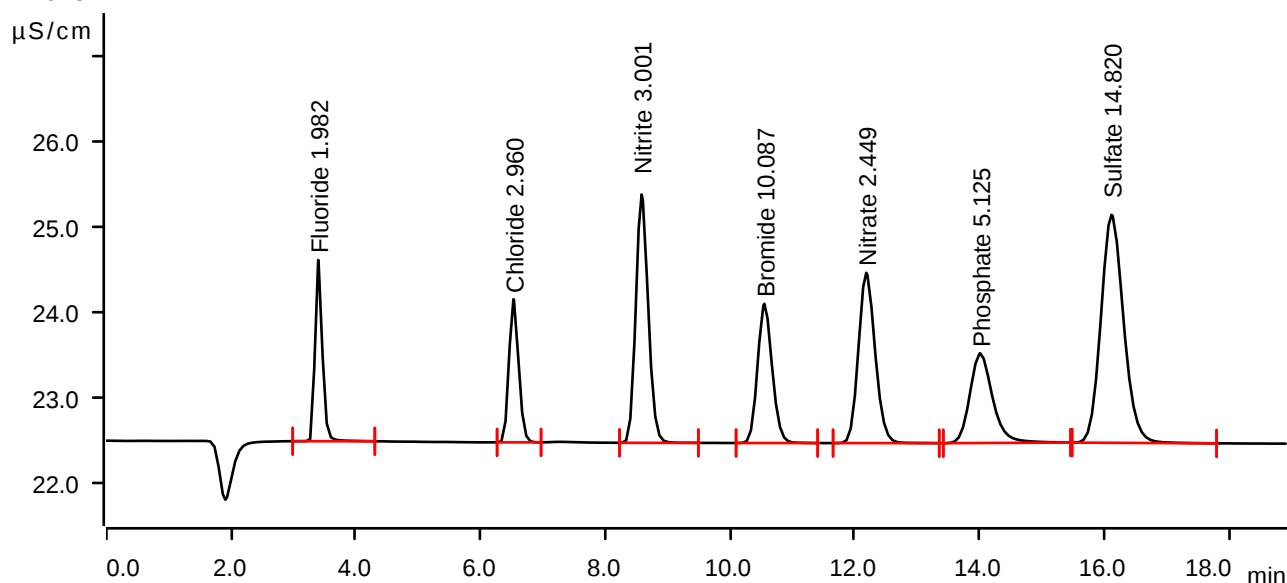
Sample data

Ident LB137321BSW
Sample type Check standard 1
Determination start 2025-09-25 14:31:21 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 12.05 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	3.397	0.2896	2.123	1.982	Fluoride
2	6.527	0.3021	1.677	2.960	Chloride
3	8.582	0.6745	2.909	3.001	Nitrite
4	10.550	0.4425	1.630	10.087	Bromide
5	12.183	0.6197	1.995	2.449	Nitrate
6	14.010	0.4439	1.051	5.125	Phosphate
7	16.117	1.1293	2.671	14.820	Sulfate

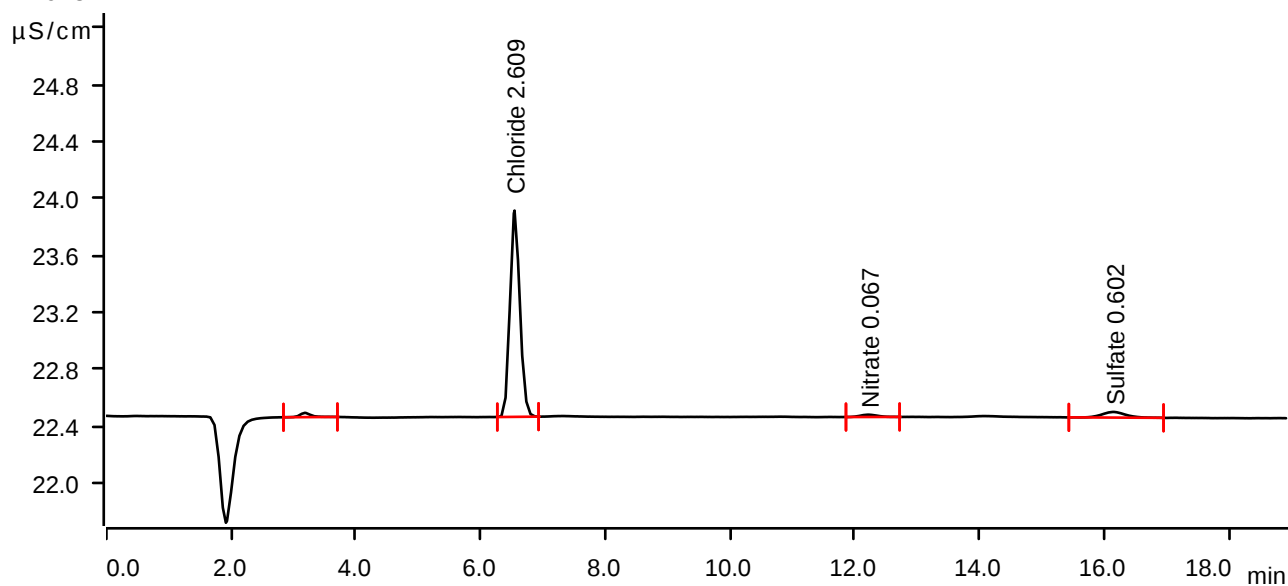
Sample data

Ident Q3202-03DLX100
Sample type Sample
Determination start 2025-09-25 14:55:05 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 12.16 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	3.183	0.0062	0.030	invalid	
2	6.545	0.2659	1.450	2.609	Chloride
3	12.227	0.0051	0.016	0.067	Nitrate
4	16.157	0.0175	0.040	0.602	Sulfate

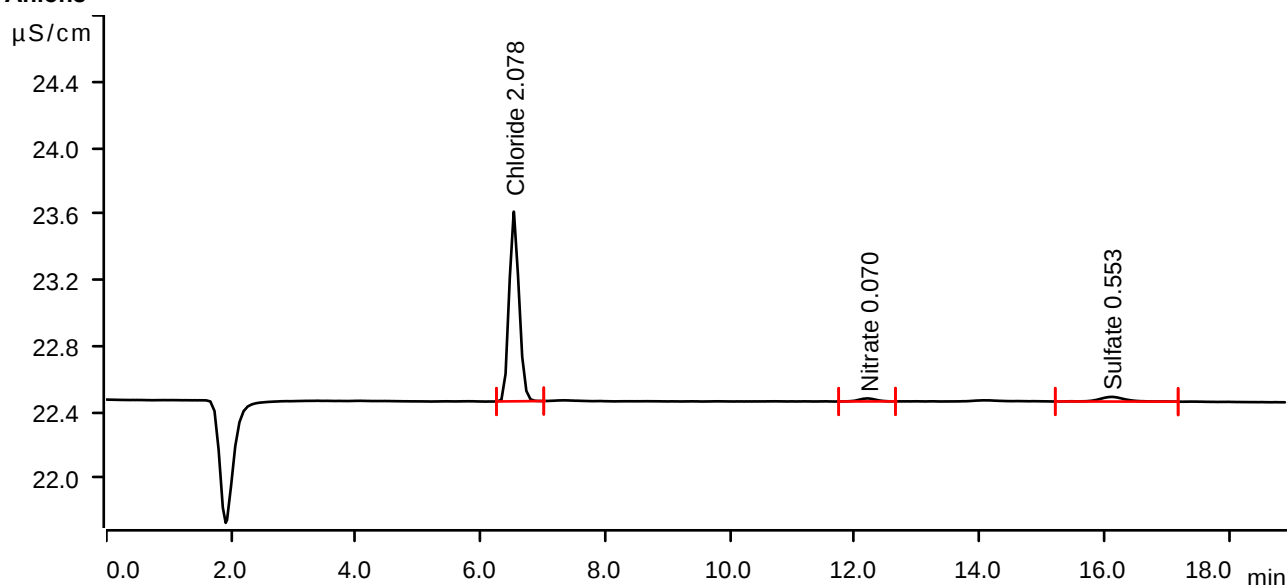
Sample data

Ident Q3202-05DLX100
Sample type Sample
Determination start 2025-09-25 15:18:27 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 12.05 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	6.532	0.2112	1.148	2.078	Chloride
2	12.215	0.0058	0.018	0.070	Nitrate
3	16.112	0.0137	0.028	0.553	Sulfate

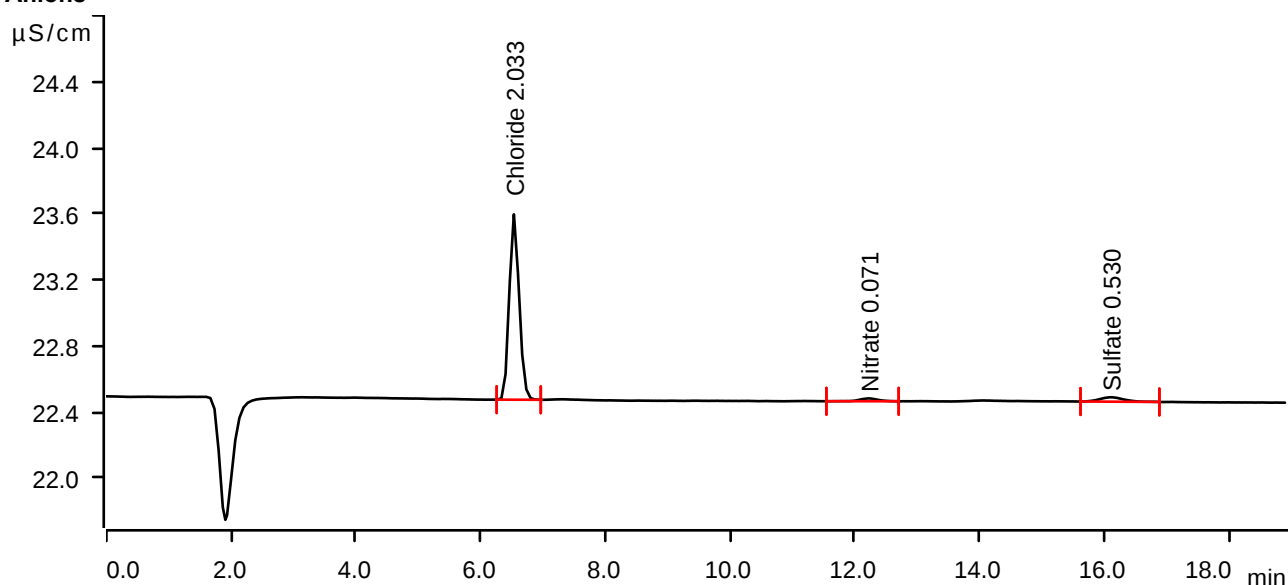
Sample data

Ident Q3202-07DLX100
Sample type Sample
Determination start 2025-09-25 15:39:57 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 12.11 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	6.535	0.2065	1.121	2.033	Chloride
2	12.220	0.0059	0.017	0.071	Nitrate
3	16.098	0.0119	0.027	0.530	Sulfate

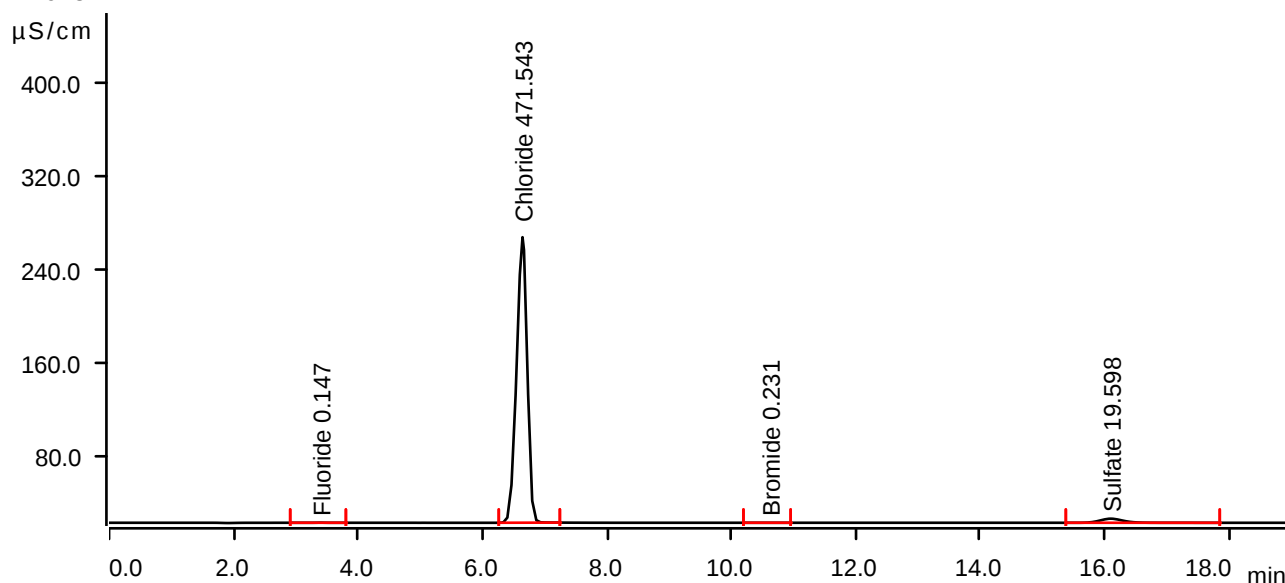
Sample data

Ident Q3202-11DLX2
Sample type Sample
Determination start 2025-09-25 16:01:27 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 12.16 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	3.397	0.0178	0.125	0.147	Fluoride
2	6.645	48.5978	245.265	471.543	Chloride
3	10.617	0.0046	0.017	0.231	Bromide
4	16.097	1.5029	3.525	19.598	Sulfate

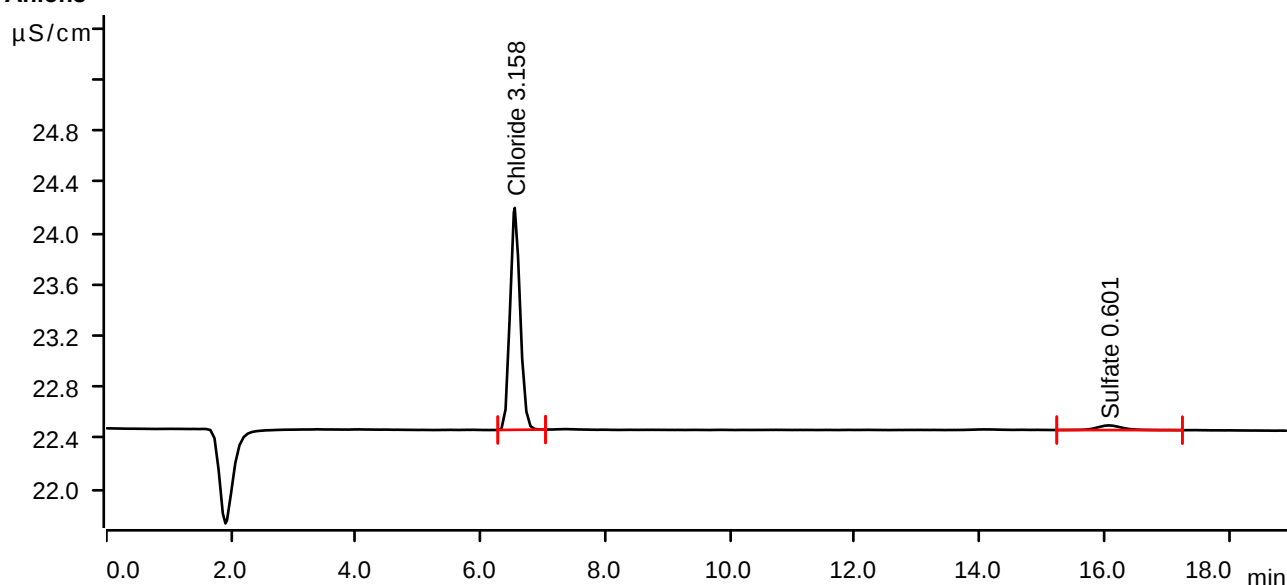
Sample data

Ident Q3202-11DL2X200
Sample type Sample
Determination start 2025-09-25 16:22:56 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 12.27 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	6.548	0.3225	1.733	3.158	Chloride
2	16.065	0.0174	0.037	0.601	Sulfate

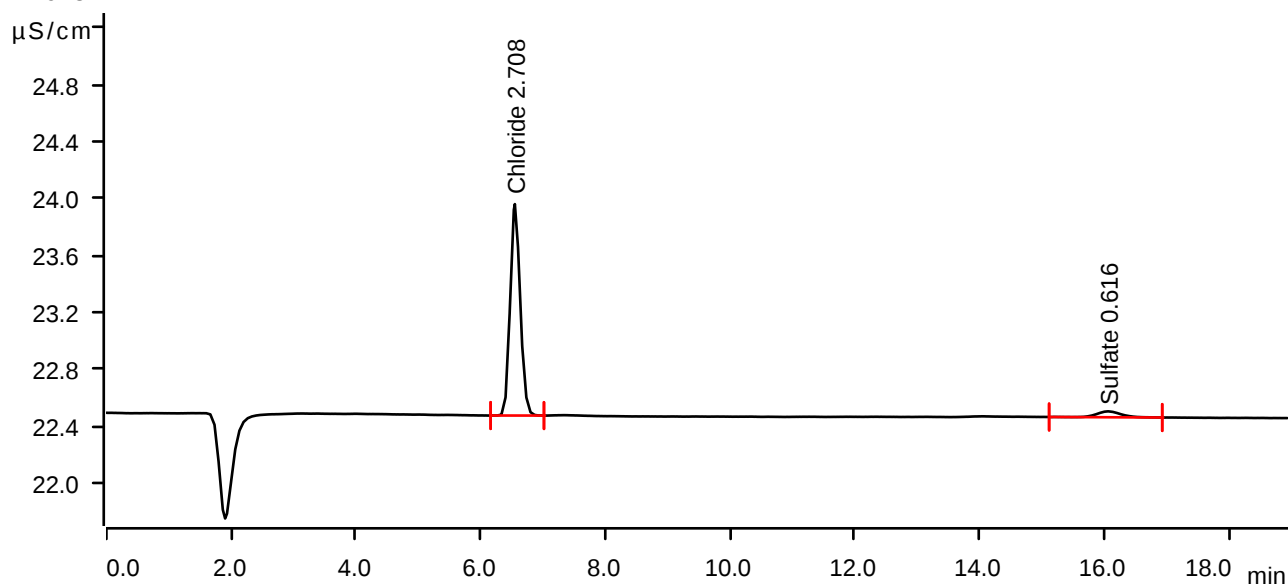
Sample data

Ident Q3202-17DLX100
Sample type Sample
Determination start 2025-09-25 16:44:24 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 12.27 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	6.550	0.2761	1.486	2.708	Chloride
2	16.058	0.0186	0.042	0.616	Sulfate

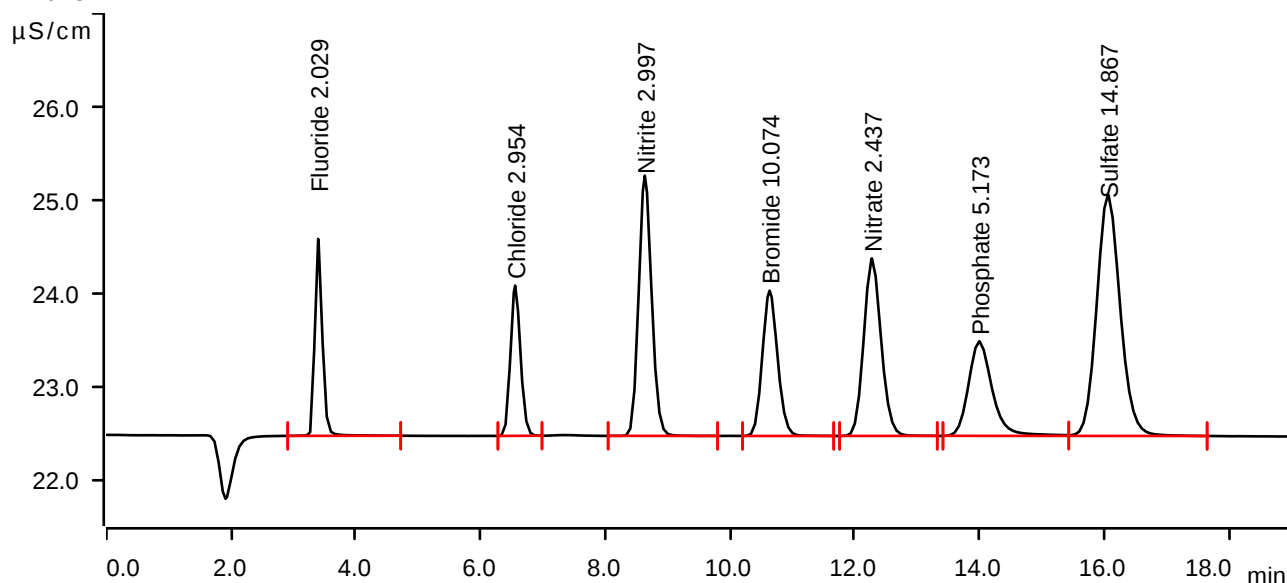
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-09-25 17:05:50 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



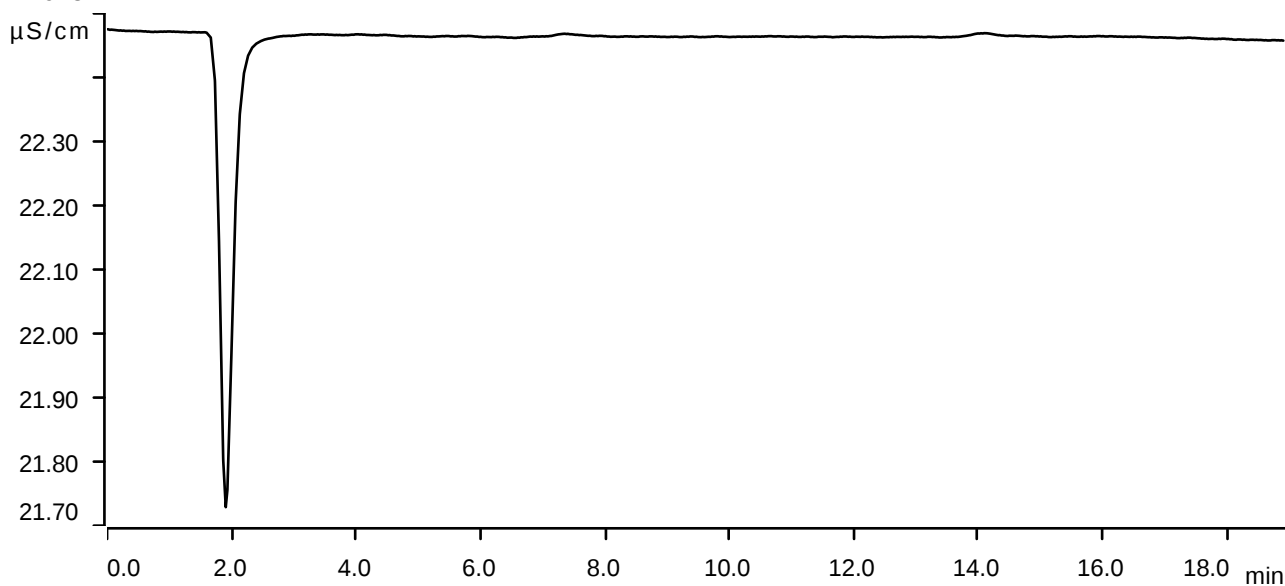
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.397	0.2966	2.114	2.029	Fluoride
2	6.555	0.3015	1.614	2.954	Chloride
3	8.633	0.6736	2.795	2.997	Nitrite
4	10.633	0.4419	1.560	10.074	Bromide
5	12.275	0.6166	1.906	2.437	Nitrate
6	13.995	0.4481	1.015	5.173	Phosphate
7	16.058	1.1330	2.590	14.867	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-09-25 17:27:09 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

Analytical Summary Report

Analysis Method: SM 4500-H B

Analyst By : JIGNESH

Parameter: pH

Supervisor Review By : Iwona

Run Number: LB137324

Slope : 98.6

pH Meter ID : WC PH METER-1

Calibration Standards	Chemtech Log#
PH 4 BUFFER SOLUTION	W3178
BUFFER PH 7.00 GREEN 1PINT PK6	W3093
PH 10.01 BUFFER,COLOR CD 475ML	W3191
buffer solution pH 7 yellow	W3217
Buffer Solution, PH2 (500ml)	W3161
pH 12.00 Buffer	W3200

True Value of ICV = 7.00 Control Limits[+/- 0.1].

True Value of CCV1 = 2.00 Control Limits[+/- 0.05].

True Value of CCV2 = 12.00 Control Limits[+/- 0.05].

Seq	LabID	DF	Matrix	Weight (gm)	Volume (ml)	Temperature (°C)	Result (pH)	Anal Date	Anal Time
1	CAL1	1	Water	NA	NA	20.2	4.01	09/26/2025	08:00
2	CAL2	1	Water	NA	NA	20.2	7.00	09/26/2025	08:01
3	CAL3	1	Water	NA	NA	20.2	10.02	09/26/2025	08:05
4	ICV	1	Water	NA	NA	20.3	7.00	09/26/2025	08:10
5	CCV1	1	Water	NA	NA	20.3	2.01	09/26/2025	08:11
6	Q3202-01	1	Water	NA	NA	20.1	5.99	09/26/2025	08:15
7	Q3202-03	1	Water	NA	NA	20.6	5.46	09/26/2025	08:22
8	Q3202-05	1	Water	NA	NA	20.1	5.84	09/26/2025	08:30
9	Q3202-07	1	Water	NA	NA	20.1	5.94	09/26/2025	08:37
10	Q3202-09	1	Water	NA	NA	20.1	5.84	09/26/2025	08:45
11	Q3202-09DUP	1	Water	NA	NA	20.3	5.86	09/26/2025	08:47
12	Q3202-11	1	Water	NA	NA	20.1	6.44	09/26/2025	08:55
13	Q3202-17	1	Water	NA	NA	20.1	6.23	09/26/2025	09:00
14	CCV2	1	Water	NA	NA	20.3	12.02	09/26/2025	09:05

WORKLIST(Hardcopy Internal Chain)

WB 134324

WorkList Name : ph nq3204 w

WorkList ID : 192103

Department : Wet-Chemistry

Date : 09-26-2025 07:44:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3202-01	SY-6	Water	pH	Cool 4 deg C	LOCK01	I63	09/23/2025	SM 4500-H B
Q3202-03	SY-2R	Water	pH	Cool 4 deg C	LOCK01	I63	09/23/2025	SM 4500-H B
Q3202-05	SY-2D	Water	pH	Cool 4 deg C	LOCK01	I63	09/23/2025	SM 4500-H B
Q3202-07	SY-5	Water	pH	Cool 4 deg C	LOCK01	I63	09/23/2025	SM 4500-H B
Q3202-09	SY-3DD	Water	pH	Cool 4 deg C	LOCK01	I63	09/23/2025	SM 4500-H B
Q3202-11	SY-3D	Water	pH	Cool 4 deg C	LOCK01	I63	09/23/2025	SM 4500-H B
Q3202-17	SY-3	Water	pH	Cool 4 deg C	LOCK01	I63	09/23/2025	SM 4500-H B

Date/Time 09/26/25 07:45

Raw Sample Received by: SP WDC

Raw Sample Relinquished by: CP S

Date/Time

09/26/25

Raw Sample Received by:

CP S

Raw Sample Relinquished by:

Page 1 of 1

13:00

78 600

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: JIGNESH

Date: 09/29/2025

Run Number: LB137356

BalanceID: WC SC-5

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 104 °C 09/29/2025 14:30 **TEMP1 OUT:** 103 °C 09/29/2025 15:30
TEMP2 IN: 104 °C 09/29/2025 16:00 **TEMP2 OUT:** 104 °C 09/29/2025 17:00
TEMP3 IN: 103 °C 09/30/2025 10:00 **TEMP3 OUT:** 103 °C 09/30/2025 11:40
TEMP4 IN: 104 °C 09/30/2025 12:30 **TEMP4 OUT:** 103 °C 09/30/2025 14:00

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	LB137356BL	LB137356BL	1.4563	1.4563	100	1.4564	1.4564	1.4564	0.0001	1
2	LB137356BS	LB137356BS	1.4874	1.4874	100	1.5406	1.5406	1.5406	0.0532	532
3	Q3202-01	SY-6	1.4903	1.4904	2000	1.5176	1.5176	1.5176	0.0272	13.6
4	Q3202-03	SY-2R	1.4906	1.4907	2000	1.4949	1.4949	1.4949	0.0042	2.1
5	Q3202-05	SY-2D	1.4782	1.4782	1000	1.5332	1.5332	1.5332	0.0550	55
6	Q3202-07	SY-5	1.5019	1.5019	1000	1.5608	1.5608	1.5608	0.0589	58.9
7	Q3202-09	SY-3DD	1.4772	1.4772	1000	1.4798	1.4798	1.4798	0.0026	2.6
8	Q3202-11	SY-3D	1.4676	1.4677	1000	1.5097	1.5097	1.5097	0.0420	42
9	Q3202-11DUP	SY-3DDUP	1.4000	1.4000	1000	1.4422	1.4422	1.4422	0.0422	42.2
10	Q3202-17	SY-3	1.3697	1.3698	20	2.3650	2.3650	2.3650	0.9952	49760
11	Q3219-01	Outfall 001	1.4971	1.4971	1000	1.5105	1.5105	1.5105	0.0134	13.4
12	Q3219-02	Outfall 002	1.4269	1.4269	1000	1.4334	1.4334	1.4334	0.0065	6.5
13	Q3219-03	Outfall 003	1.3926	1.3926	1000	1.4224	1.4224	1.4224	0.0298	29.8
14	Q3227-01	Outfall 001	1.3916	1.3916	500	1.4343	1.4343	1.4343	0.0427	85.4
15	Q3234-01	DA-1	1.3970	1.3970	500	1.7252	1.7252	1.7252	0.3282	656.4

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: JIGNESH

Date: 09/29/2025

Run Number: LB137356

BalanceID: WC SC-5

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 104 °C 09/29/2025 14:30 **TEMP1 OUT:** 103 °C 09/29/2025 15:30
TEMP2 IN: 104 °C 09/29/2025 16:00 **TEMP2 OUT:** 104 °C 09/29/2025 17:00
TEMP3 IN: 103 °C 09/30/2025 10:00 **TEMP3 OUT:** 103 °C 09/30/2025 11:40
TEMP4 IN: 104 °C 09/30/2025 12:30 **TEMP4 OUT:** 103 °C 09/30/2025 14:00

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
16	Q3234-02	DA-2	1.4677	1.4677	600	1.5919	1.5919	1.5919	0.1242	207
17	Q3237-01	RW8-SP100-20250926	1.4998	1.4998	1900	1.5008	1.5008	1.5008	0.0010	0.5
18	Q3237-02	RW8-SP303-20250926	1.4894	1.4894	1900	1.4899	1.4899	1.4899	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 = $\frac{D}{A} \times 1000 \times 1000$

WORKLIST(Hardcopy Internal Chain)

WB 13 7356

WorkList Name : tss q3202

WorkList ID : 192158

Department : Wet-Chemistry

Date : 09-30-2025 06:03:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3202-01	SY-6 K.L	Water	TSS	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2540 D
Q3202-03	SY-2R K.L	Water	TSS	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2540 D
Q3202-05	SY-2D K	Water	TSS	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2540 D
Q3202-07	SY-5 K	Water	TSS	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2540 D
Q3202-09	SY-3DD K.L	Water	TSS	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2540 D
Q3202-11	SY-3D K.L	Water	TSS	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2540 D
Q3202-17	SY-3 K	Water	TSS	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2540 D
Q3219-01	Outfall 001 B	Water	TSS	Cool 4 deg C	ATGG01	J32	09/25/2025	SM2540 D
Q3219-02	Outfall 002 B	Water	TSS	Cool 4 deg C	ATGG01	J32	09/25/2025	SM2540 D
Q3219-03	Outfall 003 B	Water	TSS	Cool 4 deg C	ATGG01	J32	09/25/2025	SM2540 D
Q3227-01	Outfall 001 B	Water	TSS	Cool 4 deg C	ATGG01	J22	09/25/2025	SM2540 D
Q3234-01	DA-1 B	Water	TSS	Cool 4 deg C	ATGG01	D31	09/29/2025	SM2540 D
Q3234-02	DA-2 B	Water	TSS	Cool 4 deg C	ATGG01	D31	09/29/2025	SM2540 D
Q3237-01	RW8-SP100-20250926 B,C	Water	TSS	Cool 4 deg C	TETR06	D31	09/26/2025	SM2540 D
Q3237-02	RW8-SP303-20250926 B,C	Water	TSS	Cool 4 deg C	TETR06	D31	09/26/2025	SM2540 D

Date/Time 09/30/25 06:25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 09/30/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

15:00

WORKLIST(Hardcopy Internal Chain)

137355

WorkList Name : tds q3202 WorkList ID : 192159 Department : Wet-Chemistry Date : 09-30-2025 06:04:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3202-01	SY-6	Water	TDS	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2540 C
Q3202-03	SY-2R	Water	TDS	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2540 C
Q3202-05	SY-2D	Water	TDS	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2540 C
Q3202-07	SY-5	Water	TDS	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2540 C
Q3202-09	SY-3DD	Water	TDS	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2540 C
Q3202-11	SY-3D	Water	TDS	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2540 C
Q3202-17	SY-3	Water	TDS	Cool 4 deg C	LOCK01	I63	09/23/2025	SM2540 C
Q3237-01	B RW8-SP100-20250926	Water	TDS	Cool 4 deg C	TETR06	D31	09/26/2025	SM2540 C
Q3237-02	C RW8-SP303-20250926	Water	TDS	Cool 4 deg C	TETR06	D31	09/26/2025	SM2540 C

Date/Time 09/30/25 18:15 6:20
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 09/30/25 13:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

161373

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

9/30/2025 14:33

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.980	0.0	0.209	
ICB1	0.013	0.0	0.023	
CCV1	0.961	0.0	0.205	
CCB1	0.012	0.0	0.023	
RL CHECK	0.087	0.0	0.037	
PB169898BL	0.010	0.0	0.022	
PB169898BS	0.987	0.0	0.210	
Q3202-01	0.032	0.0	0.027	
Q3202-03	0.008	0.0	0.022	
Q3202-05	0.006	0.0	0.022	
Q3202-07	0.004	0.0	0.021	
Q3202-09	0.047	0.0	0.030	
Q3202-11	11.817	0.0	2.287	Test limit high
Q3202-11DUP	11.699	0.0	2.264	Test limit high
CCV2	0.979	0.0	0.208	
CCB2	0.011	0.0	0.023	
Q3202-13MS	12.889	0.0	2.493	Init abs., Test limit hig
Q3202-15MSD	12.811	0.0	2.478	Test limit high
Q3202-17	4.278	0.0	0.841	Test limit high
CCV3	0.979	0.0	0.208	
CCB3	0.013	0.0	0.023	
Q3202-11DLX10	1.065	0.0	0.225	
Q3202-11DUPDLX10	1.064	0.0	0.225	
Q3202-17DLX5	0.773	0.0	0.169	
CCV4	0.970	0.0	0.207	
CCB4	0.014	0.0	0.023	
N	26			
Mean	2.404			
SD	4.3972			
CV%	182.90			

87% (50-150)

09/30/2025
RM

=====
Calibration results

Aquakem 7.2AQ1

Page: 1

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

9/30/2025 13:02

Test Ammonia-N

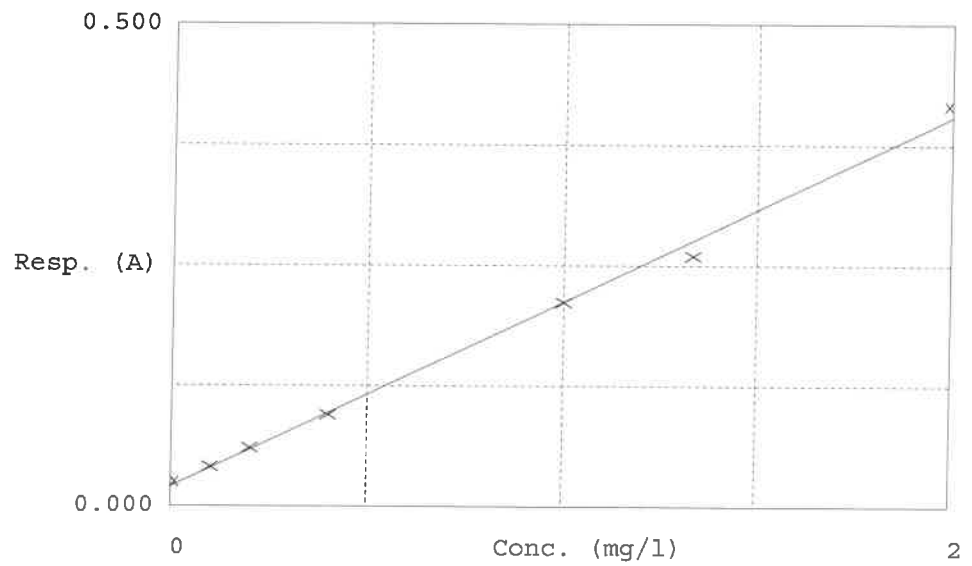
Accepted 9/30/2025 13:02

Factor 5.214

Bias 0.020

Coeff. of det. 0.996557

Errors



	Calibrator	Response	Calc. con.	Conc.	^{Re} Errors
1	0.00PPM	0.025	0.0236	0.0000	-
2	NH3-2PPM	0.041	0.1069	0.1000	69
3	NH3-2PPM	0.061	0.2094	0.2000	4.7
4	NH3-2PPM	0.095	0.3893	0.4000	-2.7
5	NH3-2PPM	0.212	0.9969	1.0000	-0.3
6	NH3-2PPM	0.260	1.2479	1.3333	-4.0
7	NH3-2PPM	0.415	2.0593	2.0000	3.0

09/30/2025
RM

Aquakem v. 7.2AQ1

Results from time period:

Tue Sep 30 13:01:54 2025

Tue Sep 30 14:29:43 2025

Sample Id	Sam/Ctr/c	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-1 P		0.0236	mg/l	9/30/2025 13:01:54	
0.1PPM	A	Ammonia-1 P		0.1069	mg/l	9/30/2025 13:01:55	
0.2PPM	A	Ammonia-1 P		0.2094	mg/l	9/30/2025 13:01:56	
0.4PPM	A	Ammonia-1 P		0.3893	mg/l	9/30/2025 13:01:57	
1.0PPM	A	Ammonia-1 P		0.9969	mg/l	9/30/2025 13:01:58	
1.3PPM	A	Ammonia-1 P		1.2479	mg/l	9/30/2025 13:01:59	
2.0PPM	A	Ammonia-1 P		2.0593	mg/l	9/30/2025 13:02:00	
ICV1	S	Ammonia-1 P		0.9804	mg/l	9/30/2025 13:35:26	
ICB1	S	Ammonia-1 P		0.0129	mg/l	9/30/2025 13:35:28	
CCV1	S	Ammonia-1 P		0.9607	mg/l	9/30/2025 13:35:30	
CCB1	S	Ammonia-1 P		0.0121	mg/l	9/30/2025 13:35:32	
RL CHECK	S	Ammonia-1 P		0.0865	mg/l	9/30/2025 13:35:37	
PB169898BL	S	Ammonia-1 P		0.0097	mg/l	9/30/2025 13:46:10	
PB169898BS	S	Ammonia-1 P		0.9865	mg/l	9/30/2025 13:46:13	
Q3202-01	S	Ammonia-1 P		0.0319	mg/l	9/30/2025 13:46:14	
Q3202-03	S	Ammonia-1 P		0.0077	mg/l	9/30/2025 13:46:15	
Q3202-05	S	Ammonia-1 P		0.0056	mg/l	9/30/2025 13:46:16	
Q3202-07	S	Ammonia-1 P		0.0044	mg/l	9/30/2025 13:46:17	
Q3202-09	S	Ammonia-1 P		0.0473	mg/l	9/30/2025 13:46:18	
Q3202-11	S	Ammonia-1 P		11.8171	mg/l	9/30/2025 13:46:19	
Q3202-11DUP	S	Ammonia-1 P		11.6992	mg/l	9/30/2025 13:46:21	
CCV2	S	Ammonia-1 P		0.9789	mg/l	9/30/2025 13:56:56	
CCB2	S	Ammonia-1 P		0.0106	mg/l	9/30/2025 13:56:57	
Q3202-13MS	S	Ammonia-1 P		12.8893	mg/l	9/30/2025 13:56:59	
Q3202-15MSD	S	Ammonia-1 P		12.8111	mg/l	9/30/2025 13:57:00	
Q3202-17	S	Ammonia-1 P		4.2779	mg/l	9/30/2025 13:57:01	
CCV3	S	Ammonia-1 P		0.9786	mg/l	9/30/2025 13:57:02	
CCB3	S	Ammonia-1 P		0.0135	mg/l	9/30/2025 14:01:47	
Q3202-11DLX10	S	Ammonia-1 P		1.0654	mg/l	9/30/2025 14:29:32	
Q3202-11DUPDLX10	S	Ammonia-1 P		1.0638	mg/l	9/30/2025 14:29:35	
Q3202-17DLX5	S	Ammonia-1 P		0.7732	mg/l	9/30/2025 14:29:36	
CCV4	S	Ammonia-1 P		0.9702	mg/l	9/30/2025 14:29:41	
CCB4	S	Ammonia-1 P		0.0139	mg/l	9/30/2025 14:29:43	

LB13737

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092Reviewed by : RM

Instrument ID : Konelab

9/30/2025 16:35

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.911	0.0	1.041	
ICB1	0.107	0.0	0.024	
CCV1	4.898	0.0	1.038	
CCB1	0.103	0.0	0.023	
RL CHECK	0.482	0.0	0.104	
PB169920BL	0.103	0.0	0.023	
PB169920BS	4.893	0.0	1.037	
Q3202-01	0.226	0.0	0.049	
Q3202-03	0.272	0.0	0.059	
Q3202-05	0.510	0.0	0.109	
Q3202-07	0.519	0.0	0.111	
Q3202-09	0.173	0.0	0.038	
Q3202-11	10.147	0.0	2.148	Test limit high
Q3202-11DUP	10.158	0.0	2.151	Test limit high
CCV2	4.902	0.0	1.039	
CCB2	0.116	0.0	0.026	
Q3202-13MS	15.654	0.0	3.314	Init abs., Test limit hig
Q3202-15MSD	15.604	0.0	3.303	Init abs., Test limit hig
Q3202-17	6.685	0.0	1.416	
CCV3	4.966	0.0	1.052	
CCB3	0.111	0.0	0.025	
Q3202-11DLX2	5.147	0.0	1.090	
Q3202-11DUPDLX2	5.153	0.0	1.092	
CCV4	5.018	0.0	1.063	
CCB4	0.107	0.0	0.024	
N	25			
Mean	4.039			
SD	4.7062			
CV%	116.53			

96% (50-150)
09/30/2025
RM

Aquakem v. 7.2AQ1

Results from time period:

Tue Sep 30 14:57:17 2025

Tue Sep 30 16:34:36 2025

Sample Id	Sam/Ctr/c	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.1213	mg/l	9/30/2025 14:57:17	
0.5PPM	A	TKN-NH3	P	0.5318	mg/l	9/30/2025 14:57:18	
1.0PPM	A	TKN-NH3	P	0.9948	mg/l	9/30/2025 14:57:19	
2.5PPM	A	TKN-NH3	P	2.4229	mg/l	9/30/2025 14:57:20	
5.0PPM	A	TKN-NH3	P	4.8276	mg/l	9/30/2025 14:57:21	
6.7PPM	A	TKN-NH3	P	6.6582	mg/l	9/30/2025 14:57:22	
10.0PPM	A	TKN-NH3	P	10.11	mg/l	9/30/2025 14:57:23	
ICV1	S	TKN-NH3	P	4.9112	mg/l	9/30/2025 15:45:45	
ICB1	S	TKN-NH3	P	0.1066	mg/l	9/30/2025 15:45:47	
CCV1	S	TKN-NH3	P	4.8977	mg/l	9/30/2025 15:45:49	
CCB1	S	TKN-NH3	P	0.1026	mg/l	9/30/2025 15:45:51	
RL CHECK	S	TKN-NH3	P	0.4825	mg/l	9/30/2025 15:45:53	
PB169920BL	S	TKN-NH3	P	0.1028	mg/l	9/30/2025 15:45:56	
PB169920BS	S	TKN-NH3	P	4.893	mg/l	9/30/2025 15:56:31	
Q3202-01	S	TKN-NH3	P	0.2264	mg/l	9/30/2025 15:56:32	
Q3202-03	S	TKN-NH3	P	0.2724	mg/l	9/30/2025 15:56:33	
Q3202-05	S	TKN-NH3	P	0.5101	mg/l	9/30/2025 15:56:34	
Q3202-07	S	TKN-NH3	P	0.5192	mg/l	9/30/2025 15:56:35	
Q3202-09	S	TKN-NH3	P	0.1731	mg/l	9/30/2025 15:56:36	
Q3202-11	S	TKN-NH3	P	10.1466	mg/l	9/30/2025 15:56:37	
Q3202-11DUP	S	TKN-NH3	P	10.1577	mg/l	9/30/2025 15:56:39	
CCV2	S	TKN-NH3	P	4.9021	mg/l	9/30/2025 16:07:12	
CCB2	S	TKN-NH3	P	0.1159	mg/l	9/30/2025 16:07:13	
Q3202-13MS	S	TKN-NH3	P	15.6543	mg/l	9/30/2025 16:07:15	
Q3202-15MSD	S	TKN-NH3	P	15.6043	mg/l	9/30/2025 16:07:16	
Q3202-17	S	TKN-NH3	P	6.6851	mg/l	9/30/2025 16:07:19	
CCV3	S	TKN-NH3	P	4.9657	mg/l	9/30/2025 16:07:20	
CCB3	S	TKN-NH3	P	0.1105	mg/l	9/30/2025 16:07:22	
Q3202-11DLX2	S	TKN-NH3	P	5.1468	mg/l	9/30/2025 16:34:29	
Q3202-11DUPDLX2	S	TKN-NH3	P	5.1531	mg/l	9/30/2025 16:34:31	
CCV4	S	TKN-NH3	P	5.0178	mg/l	9/30/2025 16:34:33	
CCB4	S	TKN-NH3	P	0.1074	mg/l	9/30/2025 16:34:36	

Calibration results

Aquakem 7.2AQ1

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Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

9/30/2025 15:12

Test TKN-NH3

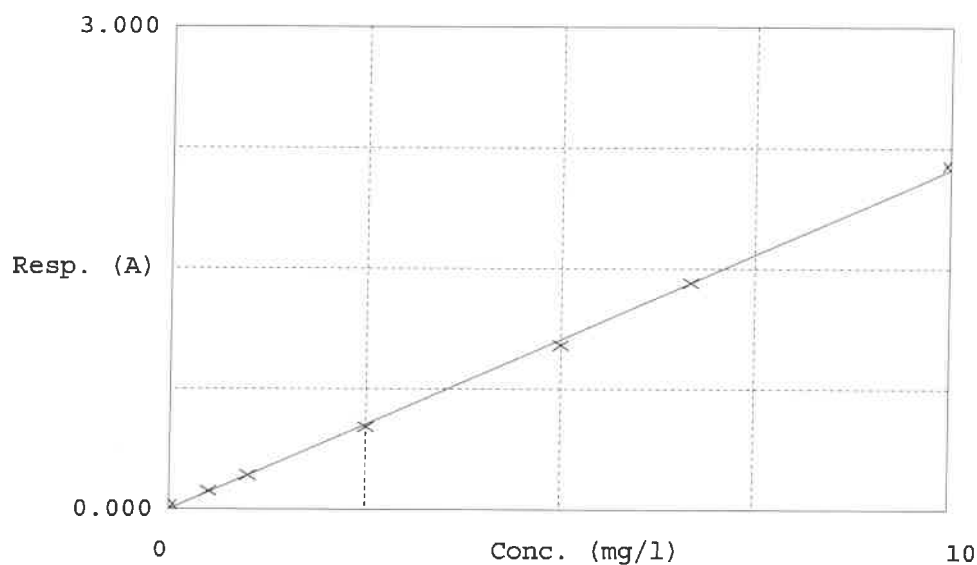
Accepted 9/30/2025 15:12

Factor 4.726

Bias 0.001

Coeff. of det. 0.999233

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.027	0.1213	0.0000	-
2	TKN-10	0.114	0.5318	0.5000	64
3	TKN-10	0.212	0.9948	1.0000	-0.5
4	TKN-10	0.514	2.4229	2.5000	-3.1
5	TKN-10	1.023	4.8276	5.0000	-3.4
6	TKN-10	1.410	6.6582	6.6667	-0.6
7	TKN-10	2.141	10.1100	10.0000	1.1

09/30/2025
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

Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB137439
Constant: 50,000

Reviewed By: Iwona
Supervisor Review By: jignesh
Normality: 0.02
pH Meter ID: WC pH meter-1

Reagent/Standard	Lot/Log #
alkalinity LCSW 50 ppm	WP115070
SULFURIC ACID, 0.02N, 4L	W3150

Seq	LabID	ClientID	TV (mg/L)	DL	Sample Vol (mL)	Initial pH	pH(4.3- 4.7)	Final pH	0.02N H2SO4				Alkalinity	Anal Date	Anal Time
									A	B	C	D			
									Initial(ml)	ml at pH(4.3-4.7)	Final(ml)	Diff(ml)			
1	LB137439BL	LB137439BL		1	100	5.01	4.62	4.32	0.0	0.08	0.10	0.06	0.60	10/06/2025	13:25
2	LB137439BS	LB137439BS	50	1	100	9.82	4.48	4.18	0	5.48	5.68	5.28	52.80	10/06/2025	13:28
3	Q3202-09	SY-3DD		1	100	6.08	4.56	4.26	0	0.98	0.18	1.78	17.80	10/06/2025	13:34
4	Q3202-09DUP	SY-3DDDUP		1	100	6.08	4.50	4.20	0	0.96	0.10	1.82	18.20	10/06/2025	13:37

$$D = 2(B-A) - (C-A)$$

$$\text{Alkalinity} = (D * \text{Normality} * \text{Constant}) / \text{Sample Volume (ml)}$$

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

SDG No : N/A

Matrix : WATER

Pipette ID : WC

Balance ID : N/A

Hood ID : HOOD#2

Block ID : WC-DIST-BLOCK-1

Weigh By : N/A

Start Digest Date: 09/29/2025 Time : 13:00 Temp : 150 °C

End Digest Date: 09/29/2025 Time : 14:00 Temp : 158 °C

11 batch
09/29/2025 14:35 150 °C
09/29/2025 15:35 160 °C

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Filter paper ID : N/A

Prep Technician Signature:

RM

pH Meter ID : N/A

Supervisor Signature:

12

Standard 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
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
09/29/2025 15:50	<i>RM CWC</i>	<i>RM CWC</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169898BL	PBW898	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB169898BS	LCS898	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3202-01	SY-6	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3202-03	SY-2R	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3202-05	SY-2D	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3202-07	SY-5	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3202-09	SY-3DD	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3202-11	SY-3D	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3202-11DUP	SY-3DDUP	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3202-13	SY-3DMS	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3202-15	SY-3DMSD	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3202-17	SY-3	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-09-26

WorkList ID : 192131

Department : Distillation

Date : 09-26-2025 15:25:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3202-01	SY-6	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500-NH3
Q3202-03	SY-2R	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500-NH3
Q3202-05	SY-2D	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500-NH3
Q3202-07	SY-5	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500-NH3
Q3202-09	SY-3DD	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500-NH3
Q3202-11	SY-3D	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500-NH3
Q3202-13	SY-3DMS	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500-NH3
Q3202-15	SY-3DMSD	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500-NH3
Q3202-17	SY-3	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500-NH3

Date/Time 09/29/2025 10:30
 Raw Sample Received by: RM (w/c)
 Raw Sample Relinquished by: [Signature]

Date/Time 09/29/2025 15:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: RM (w/c)

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

SDG No : N/A

Start Digest Date: 09/30/2025 Time : 09:00 Temp : 380 °C

Matrix : WATER

End Digest Date: 09/30/2025 Time : 10:30 Temp : 385 °C

Pipette ID : WC

Start Distillation Date: 09/30/2025 Time : 11:00 Temp : 150 °C

Balance ID : N/A

End Distillation Date: 09/30/2025 Time : 12:00 Temp : 160 °C

Hood ID : HOOD#2&3

Digestion tube ID : M5595

Block Thermometer ID : Therm#2(2179)

Block ID : WC-DIST-BLOCK-1

Filter paper ID : N/A

Prep Technician Signature: RM

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: 12

Standardized 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
09/30/2025 04:20	RM CWC	RM CWC
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169920BL	PBW920	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
PB169920BS	LCS920	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3202-01	SY-6	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3202-03	SY-2R	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3202-05	SY-2D	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3202-07	SY-5	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3202-09	SY-3DD	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3202-11	SY-3D	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3202-11DUP	SY-3DDUP	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3202-13	SY-3DMS	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3202-15	SY-3DMSD	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3202-17	SY-3	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tkn-09-26 WorkList ID : 192130 Department : Distillation Date : 09-26-2025 15:25:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3202-01	SY-6	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500 N Org
Q3202-03	SY-2R	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500 N Org
Q3202-05	SY-2D	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500 N Org
Q3202-07	SY-5	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500 N Org
Q3202-09	SY-3DD	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500 N Org
Q3202-11	SY-3D	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500 N Org
Q3202-13	SY-3DMS	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500 N Org
Q3202-15	SY-3DMSD	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500 N Org
Q3202-17	SY-3	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	I63	09/23/2025	SM4500 N Org

Date/Time 09/30/2025 08:15
 Raw Sample Received by: RM (w)
 Raw Sample Relinquished by: RM (w)

Date/Time 09/30/2025 13:20
 Raw Sample Received by: RM (w)
 Raw Sample Relinquished by: RM (w)

Instrument ID: WC TURBIDIMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137317

Review By	Iwona	Review On	9/25/2025 4:39:04 PM
Supervise By	JIGNESH	Supervise On	9/25/2025 4:47:35 PM
SubDirectory	LB137317	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	WP114907,WP114902,WP114911,WP114901,WP114912,WP114905,WP114904,WP114903,W3116		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	09/25/25 09:25		Iwona	OK
2	CAL2	CAL2	CAL	09/25/25 09:28		Iwona	OK
3	CAL3	CAL3	CAL	09/25/25 09:31		Iwona	OK
4	CAL4	CAL4	CAL	09/25/25 09:34		Iwona	OK
5	CAL5	CAL5	CAL	09/25/25 09:37		Iwona	OK
6	CAL6	CAL6	CAL	09/25/25 09:40		Iwona	OK
7	CAL7	CAL7	CAL	09/25/25 09:42		Iwona	OK
8	CAL8	CAL8	CAL	09/25/25 09:45		Iwona	OK
9	ICV	ICV	ICV	09/25/25 09:48		Iwona	OK
10	ICB	ICB	ICB	09/25/25 09:51		Iwona	OK
11	CCV1	CCV1	CCV	09/25/25 09:54		Iwona	OK
12	CCB1	CCB1	CCB	09/25/25 09:57		Iwona	OK
13	LB137317BL	LB137317BL	MB	09/25/25 10:00		Iwona	OK
14	Q3202-01	SY-6	SAM	09/25/25 10:03		Iwona	OK
15	Q3202-01DUP	SY-6DUP	DUP	09/25/25 10:06		Iwona	OK
16	Q3202-03	SY-2R	SAM	09/25/25 10:09		Iwona	OK
17	Q3202-05	SY-2D	SAM	09/25/25 10:12		Iwona	OK
18	Q3202-07	SY-5	SAM	09/25/25 10:15		Iwona	OK

Instrument ID: WC TURBIDIMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137317

Review By	Iwona	Review On	9/25/2025 4:39:04 PM
Supervise By	JIGNESH	Supervise On	9/25/2025 4:47:35 PM
SubDirectory	LB137317	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	WP114907,WP114902,WP114911,WP114901,WP114912,WP114905,WP114904,WP114903,W3116		

19	Q3202-09	SY-3DD	SAM	09/25/25 10:18		Iwona	OK
20	Q3202-11	SY-3D	SAM	09/25/25 10:21		Iwona	OK
21	Q3202-17	SY-3	SAM	09/25/25 10:24		Iwona	OK
22	CCV2	CCV2	CCV	09/25/25 10:27		Iwona	OK
23	CCB2	CCB2	CCB	09/25/25 10:30		Iwona	OK

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB137318

Review By	rubina	Review On	9/30/2025 12:10:59 PM
Supervise By	Iwona	Supervise On	9/30/2025 12:11:22 PM
SubDirectory	LB137318	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	WP114908,W3149,WP112832,W3103,W3109,W3105,WP114910,WP114909,WP113878		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137318BL	LB137318BL	MB	09/25/25 10:00		rubina	OK
2	LB137318BS	LB137318BS	LCS	09/25/25 10:00		rubina	OK
3	Q3168-05	TOTES COMP#1	SAM	09/25/25 10:00		rubina	OK
4	Q3168-06	TOTES COMP#2	SAM	09/25/25 10:00		rubina	OK
5	Q3180-02	Comp	SAM	09/25/25 10:00		rubina	OK
6	Q3180-02DUP	CompDUP	DUP	09/25/25 10:00		rubina	OK
7	Q3184-01	EFFLUENT	SAM	09/25/25 10:00	Due to bad matrix difference between highest and lowest results is >30% for	rubina	OK
8	Q3184-05	INFLUENT	SAM	09/25/25 10:00	Due to bad matrix difference between highest and lowest results is >30% for	rubina	OK
9	Q3202-01	SY-6	SAM	09/25/25 10:00		rubina	OK
10	Q3202-03	SY-2R	SAM	09/25/25 10:00		rubina	OK
11	Q3202-05	SY-2D	SAM	09/25/25 10:00		rubina	OK
12	Q3202-07	SY-5	SAM	09/25/25 10:00		rubina	OK
13	Q3202-09	SY-3DD	SAM	09/25/25 10:00		rubina	OK
14	Q3202-11	SY-3D	SAM	09/25/25 10:00		rubina	OK
15	Q3202-17	SY-3	SAM	09/25/25 10:00		rubina	OK

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137321

Review By	rubina	Review On	9/29/2025 10:57:18 AM
Supervise By	Iwona	Supervise On	9/29/2025 2:56:18 PM
SubDirectory	LB137321	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683		
ICV Standard	WP114684		
CCV Standard	WP114916		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP114917		
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	09/25/25 09:29		RM/IZ	OK
11	CCB1	CCB1	CCB	09/25/25 09:51		RM/IZ	OK
12	Q3202-01	SY-6	SAM	09/25/25 10:12		RM/IZ	OK
13	Q3202-03	SY-2R	SAM	09/25/25 10:34	Cl high	RM/IZ	Dilution
14	Q3202-05	SY-2D	SAM	09/25/25 10:55	Cl high	RM/IZ	Dilution
15	Q3202-07	SY-5	SAM	09/25/25 11:17	Cl high	RM/IZ	Dilution
16	Q3202-09	SY-3DD	SAM	09/25/25 11:38		RM/IZ	OK
17	Q3202-11	SY-3D	SAM	09/25/25 12:00	Cl,So4 high	RM/IZ	Dilution
18	Q3202-13	Q3202-11MS	MS	09/25/25 12:22	9.5ml of sample, 0.5mL W3092	RM/IZ	OK

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137321

Review By	rubina	Review On	9/29/2025 10:57:18 AM
Supervise By	Iwona	Supervise On	9/29/2025 2:56:18 PM
SubDirectory	LB137321	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683		
ICV Standard	WP114684		
CCV Standard	WP114916		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP114917		
Chk Standard	WP114685,WP114686		

19	Q3202-15	Q3202-11MSD	MSD	09/25/25 12:43	9.5ml of sample, 0.5mL W3092	RM/IZ	OK
20	Q3202-17	SY-3	SAM	09/25/25 13:05	Cl high	RM/IZ	Dilution
21	LB137321BLW	LB137321BLW	MB	09/25/25 13:26		RM/IZ	OK
22	CCV2	CCV2	CCV	09/25/25 13:48		RM/IZ	OK
23	CCB2	CCB2	CCB	09/25/25 14:09		RM/IZ	OK
24	LB137321BSW	LB137321BSW	LCS	09/25/25 14:31		RM/IZ	OK
25	Q3202-03DL	SY-2RDL	SAM	09/25/25 14:55	100X for Cl	RM/IZ	Confirms
26	Q3202-05DL	SY-2DDL	SAM	09/25/25 15:18	100X for Cl	RM/IZ	Confirms
27	Q3202-07DL	SY-5DL	SAM	09/25/25 15:39	100X for Cl	RM/IZ	Confirms
28	Q3202-11DL	SY-3DDL	SAM	09/25/25 16:01	2X for Cl,So4,Still Cl high	RM/IZ	Dilution
29	Q3202-11DL2	SY-3DDL2	SAM	09/25/25 16:22	200X for Cl	RM/IZ	Confirms
30	Q3202-17DL	SY-3DL	SAM	09/25/25 16:44	100X for Cl	RM/IZ	Confirms
31	CCV3	CCV3	CCV	09/25/25 17:05		RM/IZ	OK
32	CCB3	CCB3	CCB	09/25/25 17:27		RM/IZ	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137324

Review By	JIGNESH	Review On	9/26/2025 11:18:52 AM
Supervise By	Iwona	Supervise On	9/26/2025 1:38:33 PM
SubDirectory	LB137324	Test	pH
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	W3178,W3093,W3191,W3217,W3161,W3200		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	09/26/25 08:00		JIGNESH	OK
2	CAL2	CAL2	CAL	09/26/25 08:01		JIGNESH	OK
3	CAL3	CAL3	CAL	09/26/25 08:05		JIGNESH	OK
4	ICV	ICV	ICV	09/26/25 08:10		JIGNESH	OK
5	CCV1	CCV1	CCV	09/26/25 08:11		JIGNESH	OK
6	Q3202-01	SY-6	SAM	09/26/25 08:15		JIGNESH	OK
7	Q3202-03	SY-2R	SAM	09/26/25 08:22		JIGNESH	OK
8	Q3202-05	SY-2D	SAM	09/26/25 08:30		JIGNESH	OK
9	Q3202-07	SY-5	SAM	09/26/25 08:37		JIGNESH	OK
10	Q3202-09	SY-3DD	SAM	09/26/25 08:45		JIGNESH	OK
11	Q3202-09DUP	SY-3DDDUP	DUP	09/26/25 08:47		JIGNESH	OK
12	Q3202-11	SY-3D	SAM	09/26/25 08:55		JIGNESH	OK
13	Q3202-17	SY-3	SAM	09/26/25 09:00		JIGNESH	OK
14	CCV2	CCV2	CCV	09/26/25 09:05		JIGNESH	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB137356

Review By	JIGNESH	Review On	10/1/2025 10:27:07 AM
Supervise By	Iwona	Supervise On	10/1/2025 11:30:50 AM
SubDirectory	LB137356	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	LB137356BL	LB137356BL	MB	09/30/25 10:00		JIGNESH	OK
2	LB137356BS	LB137356BS	LCS	09/30/25 10:00	55 mg w3186+ 100ml w3112	JIGNESH	OK
3	Q3202-01	SY-6	SAM	09/30/25 10:00		JIGNESH	OK
4	Q3202-03	SY-2R	SAM	09/30/25 10:00		JIGNESH	OK
5	Q3202-05	SY-2D	SAM	09/30/25 10:00		JIGNESH	OK
6	Q3202-07	SY-5	SAM	09/30/25 10:00		JIGNESH	OK
7	Q3202-09	SY-3DD	SAM	09/30/25 10:00		JIGNESH	OK
8	Q3202-11	SY-3D	SAM	09/30/25 10:00		JIGNESH	OK
9	Q3202-11DUP	SY-3DDUP	DUP	09/30/25 10:00		JIGNESH	OK
10	Q3202-17	SY-3	SAM	09/30/25 10:00		JIGNESH	OK
11	Q3219-01	Outfall 001	SAM	09/30/25 10:00		JIGNESH	OK
12	Q3219-02	Outfall 002	SAM	09/30/25 10:00		JIGNESH	OK
13	Q3219-03	Outfall 003	SAM	09/30/25 10:00		JIGNESH	OK
14	Q3227-01	Outfall 001	SAM	09/30/25 10:00		JIGNESH	OK
15	Q3234-01	DA-1	SAM	09/30/25 10:00		JIGNESH	OK
16	Q3234-02	DA-2	SAM	09/30/25 10:00		JIGNESH	OK
17	Q3237-01	RW8-SP100-2025092	SAM	09/30/25 10:00		JIGNESH	OK
18	Q3237-02	RW8-SP303-2025092	SAM	09/30/25 10:00		JIGNESH	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB137357

Review By	JIGNESH	Review On	10/1/2025 10:37:06 AM
Supervise By	Iwona	Supervise On	10/6/2025 1:44:22 PM
SubDirectory	LB137357	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	LB137357BL	LB137357BL	MB	09/30/25 12:30		JIGNESH	OK
2	LB137357BS	LB137357BS	LCS	09/30/25 12:30		JIGNESH	OK
3	Q3202-01	SY-6	SAM	09/30/25 12:30		JIGNESH	OK
4	Q3202-03	SY-2R	SAM	09/30/25 12:30		JIGNESH	OK
5	Q3202-05	SY-2D	SAM	09/30/25 12:30		JIGNESH	OK
6	Q3202-07	SY-5	SAM	09/30/25 12:30		JIGNESH	OK
7	Q3202-09	SY-3DD	SAM	09/30/25 12:30		JIGNESH	OK
8	Q3202-09DUP	SY-3DDDUP	DUP	09/30/25 12:30		JIGNESH	OK
9	Q3202-11	SY-3D	SAM	09/30/25 12:30		JIGNESH	OK
10	Q3202-17	SY-3	SAM	09/30/25 12:30		JIGNESH	OK
11	Q3237-01	RW8-SP100-2025092	SAM	09/30/25 12:30		JIGNESH	OK
12	Q3237-02	RW8-SP303-2025092	SAM	09/30/25 12:30		JIGNESH	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137369

Review By	rubina	Review On	10/1/2025 10:03:22 AM
Supervise By	Iwona	Supervise On	10/1/2025 10:46:26 AM
SubDirectory	LB137369	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP114969		
ICV Standard	WP114971		
CCV Standard	WP114970		
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	09/30/25 13:01		rubina	OK
2	0.1PPM	0.1PPM	CAL2	09/30/25 13:01		rubina	OK
3	0.2PPM	0.2PPM	CAL3	09/30/25 13:01		rubina	OK
4	0.4PPM	0.4PPM	CAL4	09/30/25 13:01		rubina	OK
5	1.0PPM	1.0PPM	CAL5	09/30/25 13:01		rubina	OK
6	1.3PPM	1.3PPM	CAL6	09/30/25 13:01		rubina	OK
7	2.0PPM	2.0PPM	CAL7	09/30/25 13:02		rubina	OK
8	ICV1	ICV1	ICV	09/30/25 13:35		rubina	OK
9	ICB1	ICB1	ICB	09/30/25 13:35		rubina	OK
10	CCV1	CCV1	CCV	09/30/25 13:35		rubina	OK
11	CCB1	CCB1	CCB	09/30/25 13:35		rubina	OK
12	RL	RL	SAM	09/30/25 13:35		rubina	OK
13	PB169898BL	PB169898BL	MB	09/30/25 13:46		rubina	OK
14	PB169898BS	PB169898BS	LCS	09/30/25 13:46		rubina	OK
15	Q3202-01	SY-6	SAM	09/30/25 13:46		rubina	OK
16	Q3202-03	SY-2R	SAM	09/30/25 13:46		rubina	OK
17	Q3202-05	SY-2D	SAM	09/30/25 13:46		rubina	OK
18	Q3202-07	SY-5	SAM	09/30/25 13:46		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137369

Review By	rubina	Review On	10/1/2025 10:03:22 AM
Supervise By	Iwona	Supervise On	10/1/2025 10:46:26 AM
SubDirectory	LB137369	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP114969		
ICV Standard	WP114971		
CCV Standard	WP114970		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP114786		
Chk Standard	WP114799,WP114133,WP113929,WP114132		

19	Q3202-09	SY-3DD	SAM	09/30/25 13:46		rubina	OK
20	Q3202-11	SY-3D	SAM	09/30/25 13:46	High	rubina	Dilution
21	Q3202-11DUP	SY-3DDUP	DUP	09/30/25 13:46	High	rubina	Dilution
22	CCV2	CCV2	CCV	09/30/25 13:56		rubina	OK
23	CCB2	CCB2	CCB	09/30/25 13:56		rubina	OK
24	Q3202-13	Q3202-11MS	MS	09/30/25 13:56		rubina	OK
25	Q3202-15	Q3202-11MSD	MSD	09/30/25 13:57		rubina	OK
26	Q3202-17	SY-3	SAM	09/30/25 13:57	High	rubina	Dilution
27	CCV3	CCV3	CCV	09/30/25 13:57		rubina	OK
28	CCB3	CCB3	CCB	09/30/25 14:01		rubina	OK
29	Q3202-11DL	SY-3DDL	SAM	09/30/25 14:29	Report 10X	rubina	Confirms
30	Q3202-11DUPDL	SY-3DDUPDL	DUP	09/30/25 14:29	Report 10X	rubina	Confirms
31	Q3202-17DL	SY-3DL	SAM	09/30/25 14:29	Report 5X	rubina	Confirms
32	CCV4	CCV4	CCV	09/30/25 14:29		rubina	OK
33	CCB4	CCB4	CCB	09/30/25 14:29		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137372

Review By	rubina	Review On	10/1/2025 10:05:56 AM
Supervise By	Iwona	Supervise On	10/1/2025 10:46:31 AM
SubDirectory	LB137372	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	09/30/25 14:57		rubina	OK
2	0.5PPM	0.5PPM	CAL2	09/30/25 14:57		rubina	OK
3	1.0PPM	1.0PPM	CAL3	09/30/25 14:57		rubina	OK
4	2.5PPM	2.5PPM	CAL4	09/30/25 14:57		rubina	OK
5	5.0PPM	5.0PPM	CAL5	09/30/25 14:57		rubina	OK
6	6.7PPM	6.7PPM	CAL6	09/30/25 14:57		rubina	OK
7	10.0PPM	10.0PPM	CAL7	09/30/25 14:57		rubina	OK
8	ICV1	ICV1	ICV	09/30/25 15:45		rubina	OK
9	ICB1	ICB1	ICB	09/30/25 15:45		rubina	OK
10	CCV1	CCV1	CCV	09/30/25 15:45		rubina	OK
11	CCB1	CCB1	CCB	09/30/25 15:45		rubina	OK
12	RL	RL	SAM	09/30/25 15:45		rubina	OK
13	PB169920BL	PB169920BL	MB	09/30/25 15:45		rubina	OK
14	PB169920BS	PB169920BS	LCS	09/30/25 15:56		rubina	OK
15	Q3202-01	SY-6	SAM	09/30/25 15:56		rubina	OK
16	Q3202-03	SY-2R	SAM	09/30/25 15:56		rubina	OK
17	Q3202-05	SY-2D	SAM	09/30/25 15:56		rubina	OK
18	Q3202-07	SY-5	SAM	09/30/25 15:56		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137372

Review By	rubina	Review On	10/1/2025 10:05:56 AM
Supervise By	Iwona	Supervise On	10/1/2025 10:46:31 AM
SubDirectory	LB137372	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	Q3202-09	SY-3DD	SAM	09/30/25 15:56		rubina	OK
20	Q3202-11	SY-3D	SAM	09/30/25 15:56	High	rubina	Dilution
21	Q3202-11DUP	SY-3DDUP	DUP	09/30/25 15:56	High	rubina	Dilution
22	CCV2	CCV2	CCV	09/30/25 16:07		rubina	OK
23	CCB2	CCB2	CCB	09/30/25 16:07		rubina	OK
24	Q3202-13	Q3202-11MS	MS	09/30/25 16:07		rubina	OK
25	Q3202-15	Q3202-11MSD	MSD	09/30/25 16:07		rubina	OK
26	Q3202-17	SY-3	SAM	09/30/25 16:07		rubina	OK
27	CCV3	CCV3	CCV	09/30/25 16:07		rubina	OK
28	CCB3	CCB3	CCB	09/30/25 16:07		rubina	OK
29	Q3202-11DL	SY-3DDL	SAM	09/30/25 16:34	Report 2X	rubina	Confirms
30	Q3202-11DUPDL	SY-3DDUPDL	DUP	09/30/25 16:34	Report 2X	rubina	Confirms
31	CCV4	CCV4	CCV	09/30/25 16:34		rubina	OK
32	CCB4	CCB4	CCB	09/30/25 16:34		rubina	OK

Instrument ID: TITRATOR

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: TITRATOR

Daily Analysis Runlog For Sequence/QC Batch ID # LB137439

Review By	Iwona	Review On	10/6/2025 4:16:13 PM
Supervise By	jignesh	Supervise On	10/6/2025 4:16:52 PM
SubDirectory	LB137439	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	N/A		
Chk Standard	WP115070,W3150		

Sr#	SampleID	ClientID	QcType	Date	Comment	Operator	Status
1	LB137439BL	LB137439BL	MB	10/06/25 13:25		Iwona	OK
2	LB137439BS	LB137439BS	LCS	10/06/25 13:28		Iwona	OK
3	Q3202-09	SY-3DD	SAM	10/06/25 13:34		Iwona	OK
4	Q3202-09DUP	SY-3DDDUP	DUP	10/06/25 13:37		Iwona	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: **LKB ENGINEERING, PLLC**
ADDRESS: **1 AERIAL WAY**
CITY: **SYOSSET** STATE: **NY** ZIP: **11791**
ATTENTION: **JOHN GERLACH**
PHONE: **516-375-1167** FAX:

PROJECT NAME: **SYOSSET LF**
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail: **jgerlach@LKB-ENGINEERING.COM**
PHONE: FAX:

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

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

1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		E	B	D	A	C					
1. SY-6	SY-6	GW		X	9/23/15	10:10	14	5	2	1	2	4					
2. SY-22	SY-22					11:30	14	5	2	1	2	4					
3. SY-20	SY-20					12:15	14	5	2	1	2	4					
4. SY-5	SY-5					12:30	14	5	2	1	2	4					
5. SY-300	SY-300					1:10	14	5	2	1	2	4					
6. SY-3D	SY-3 DAMS/MSD					1:55	42	15	4	3	4	12					
7. SY-3	SY-3					3:30	14	5	2	1	2	4					
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. Cate Blachly	DATE/TIME: 9/23/15	RECEIVED BY: [Signature] 1345	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.3 °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: [Signature]	Comments:
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME: 9-23-15	RECEIVED BY: 3.	Page 1 of 1 CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3202 LOCK01

Client Name : Lockwood, Kessler & Barth

Client Contact : John Gerlach

Invoice Name : Lockwood, Kessler & Barth

Invoice Contact : John Gerlach

Order Date : 9/25/2025 11:08:00 AM
Syosset Landfill 2025

Project Name : Ansonia Landfill 2025

Receive DateTime : 9/24/2025 5:30:00 PM

Purchase Order :

Project Mgr : Deepak

Report Type : ~~NYS ASPB~~ Level 2

EDD Type : EXCEL NOCLEANUP

Hard Copy Date :

Date Signoff : 9/25/2025 1:47:15 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3202-01	SY-6	Water	09/23/2025	10:10					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-03	SY-2R	Water	09/23/2025	11:30					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-05	SY-2D	Water	09/23/2025	12:15					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-07	SY-5	Water	09/23/2025	12:30					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-09	SY-3DD	Water	09/23/2025	13:10					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-11	SY-3D	Water	09/23/2025	13:55					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-13	SY-3DMS	Water	09/23/2025	13:55					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-15	SY-3DMSD	Water	09/23/2025	13:55					

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3202	LOCK01	Order Date : 9/25/2025 11:08:00 AM	Project Mgr : Deepak
Client Name : Lockwood, Kessler & Barth		Project Name : Ansonia Landfill 2025 Syosset Landfill 2025	Report Type : NYS ASPB Level 2
Client Contact : John Gerlach		Receive DateTime : 9/24/2025 5:30:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Lockwood, Kessler & Barth		Purchase Order :	Hard Copy Date :
Invoice Contact : John Gerlach			Date Signoff : 9/25/2025 1:47:15 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3202-17	SY-3	Water	09/23/2025	15:30	VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-19	TB	Water	09/24/2025	00:00	VOCMS Group1		8260-Low	10 Bus. Days	
					VOCMS Group1		8260-Low	10 Bus. Days	

Relinquished By : 

Date / Time : 9/25/25

Received By : 

Date / Time : 09/25/25

Storage Area : VOA Refridgerator Room