

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

LAB CHRONICLE

OrderID:	Q3560	OrderDate:	11/6/2025 10:13:00 AM
Client:	Lockwood, Kessler & Bartlett, Inc.	Project:	Syosset Landfill 2025
Contact:	John Gerlach	Location:	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3560-01	SY-10D	WATER			11/05/25 09:15			11/06/25
			Alkalinity	SM2320 B			11/14/25 12:15	
			Ammonia	SM4500-NH3		11/10/25	11/11/25 11:46	
			Anions Group1	300.0			11/06/25 15:13	
			BOD5	SM5210 B			11/06/25 16:00	
			Cyanide	9012B		11/10/25	11/10/25 14:24	
			pH	9040C			11/06/25 16:14	
			TDS	SM2540 C			11/06/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25	11/12/25 11:54	
			TOC	SM5310B			11/12/25 12:14	
			Total Nitrogen	Cal			11/12/25 11:54	
			TSS	SM2540 D			11/07/25 10:00	
			Turbidity	SM2130 B			11/07/25 09:11	
Q3560-01DL	SY-10DDL	WATER			11/05/25 09:15			11/06/25

LAB CHRONICLE

Ammonia	SM4500-NH3	11/10/25	11/11/25 13:06
Anions Group1	300.0		11/07/25 11:31

Q3560-03

SY-10S

WATER

**11/05/25
10:00**

11/06/25

Alkalinity	SM2320 B		11/14/25 13:05
Ammonia	SM4500-NH3	11/10/25	11/11/25 11:56
Anions Group1	300.0		11/06/25 15:34
BOD5	SM5210 B		11/06/25 16:00
Cyanide	9012B	11/10/25	11/10/25 14:32
pH	9040C		11/06/25 16:20
TDS	SM2540 C		11/06/25 11:30
TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 11:54
TOC	SM5310B		11/12/25 12:38
Total Nitrogen	Cal		11/12/25 11:54
TSS	SM2540 D		11/07/25 10:00
Turbidity	SM2130 B		11/07/25 09:15

Q3560-03DL

SY-10SDL

WATER

**11/05/25
10:00**

11/06/25

Anions Group1	300.0		11/07/25 11:52
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LAB CHRONICLE

Q3560-05	SY-10I	WATER		11/05/25 12:00		11/06/25
			Alkalinity	SM2320 B		11/14/25 12:28
			Ammonia	SM4500-NH3	11/10/25	11/11/25 11:56
			Anions Group1	300.0		11/06/25 15:56
			BOD5	SM5210 B		11/06/25 16:00
			Cyanide	9012B	11/10/25	11/10/25 14:32
			pH	9040C		11/06/25 16:25
			TDS	SM2540 C		11/06/25 11:30
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 11:54
			TOC	SM5310B		11/12/25 13:55
			Total Nitrogen	Cal		11/12/25 11:54
			TSS	SM2540 D		11/07/25 10:00
			Turbidity	SM2130 B		11/07/25 09:18
Q3560-05DL	SY-10IDL	WATER		11/05/25 12:00		11/06/25
			Anions Group1	300.0		11/07/25 12:14
Q3560-07	SY-12I	WATER		11/05/25 14:15		11/06/25
			Alkalinity	SM2320 B		11/14/25 12:35
			Ammonia	SM4500-NH3	11/10/25	11/11/25 12:07

LAB CHRONICLE

Q3560-07DL	SY-12IDL	WATER	Anions Group1	300.0			11/06/25 16:17	
			BOD5	SM5210 B			11/06/25 16:00	
			Cyanide	9012B		11/10/25	11/10/25 14:39	
			pH	9040C			11/06/25 16:35	
			TDS	SM2540 C			11/06/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25	11/12/25 11:54	
			TOC	SM5310B			11/12/25 14:21	
			Total Nitrogen	Cal			11/12/25 12:26	
			TSS	SM2540 D			11/07/25 10:00	
			Turbidity	SM2130 B			11/07/25 09:21	
	SY-12IDL2	WATER				11/05/25 14:15		11/06/25
			Ammonia	SM4500-NH3		11/10/25	11/11/25 13:06	
			Anions Group1	300.0			11/07/25 12:35	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25	11/12/25 12:26	
Q3560-07DL 2	SY-12IDL2	WATER				11/05/25 14:15		11/06/25
			Ammonia	SM4500-NH3		11/10/25	11/11/25 13:46	
			Anions Group1	300.0			11/07/25 12:57	

LAB CHRONICLE

Q3560-09	SY-12D	WATER		11/05/25 16:00		11/06/25
			Alkalinity	SM2320 B		11/14/25 12:39
			Ammonia	SM4500-NH3	11/10/25	11/11/25 12:07
			Anions Group1	300.0		11/06/25 16:39
			BOD5	SM5210 B		11/06/25 16:00
			Cyanide	9012B	11/10/25	11/10/25 14:39
			pH	9040C		11/06/25 16:39
			TDS	SM2540 C		11/06/25 11:30
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 12:04
			TOC	SM5310B		11/12/25 15:10
			Total Nitrogen	Cal		11/12/25 12:04
			TSS	SM2540 D		11/07/25 10:00
			Turbidity	SM2130 B		11/07/25 09:24
Q3560-09DL	SY-12DDL	WATER		11/05/25 16:00		11/06/25
			Anions Group1	300.0		11/07/25 14:02
Q3560-09DL 2	SY-12DDL2	WATER		11/05/25 16:00		11/06/25
			Anions Group1	300.0		11/07/25 14:45



SAMPLE DATA

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10D
Lab Sample ID: Q3560-01

Date Collected: 11/05/25 09:15
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	138		1	1.00	2.00	mg/L		11/14/25 12:15	SM 2320 B-21
Ammonia as N	8.10	OR	1	0.030	0.10	mg/L	11/10/25 11:40	11/11/25 11:46	SM 4500-NH3 B plus G-21
Chloride	720	OR	1	0.19	0.60	mg/L		11/06/25 15:13	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/06/25 15:13	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		11/06/25 15:13	300.0
Sulfate	33.0		1	0.46	3.00	mg/L		11/06/25 15:13	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		11/06/25 15:13	300.0
BOD5	21.1		1	0.20	2.00	mg/L		11/06/25 16:00	SM 5210 B-16
Cyanide	0.047	U	1	0.047	0.24	mg/L	11/10/25 12:10	11/10/25 14:24	9012B
pH	6.11	H	1	0	0	pH		11/06/25 16:14	9040C
TDS	1070		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	8.20		1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 11:54	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	3.00		1	0.35	1.00	mg/L		11/12/25 12:14	SM 5310 B-14
Nitrogen	8.20		1	0.31	1.30	mg/L		11/12/25 11:54	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	1.00	U	1	1.00	4.00	mg/L		11/07/25 10:00	SM 2540 D-20
Turbidity	0.40	J	1	0.15	1.00	NTU		11/07/25 09:11	SM 2130 B-20

Comments: pH result reported at temperature 20.4 °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.
Project: Syosset Landfill 2025
Client Sample ID: SY-10DDL
Lab Sample ID: Q3560-01DL

Date Collected: 11/05/25 09:15
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	7.40	D	10	0.30	1.00	mg/L	11/10/25 11:40	11/11/25 13:06	SM 4500-NH3 B plus G-21
Chloride	503	D	200	38.0	120	mg/L		11/07/25 11:31	300.0

Comments: _____

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N = Spiked sample recovery not within control limits

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10S
Lab Sample ID: Q3560-03

Date Collected: 11/05/25 10:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: Water
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	8.40		1	1.00	2.00	mg/L		11/14/25 13:05	SM 2320 B-21
Ammonia as N	0.030	U	1	0.030	0.10	mg/L	11/10/25 11:40	11/11/25 11:56	SM 4500-NH3 B plus G-21
Chloride	12.6	OR	1	0.19	0.60	mg/L		11/06/25 15:34	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/06/25 15:34	300.0
Nitrate	4.90		1	0.095	0.50	mg/L		11/06/25 15:34	300.0
Sulfate	17.3		1	0.46	3.00	mg/L		11/06/25 15:34	300.0
Nitrate+Nitrite	4.90		1	0.17	1.10	mg/L		11/06/25 15:34	300.0
BOD5	3.58		1	0.20	2.00	mg/L		11/06/25 16:00	SM 5210 B-16
Cyanide	0.066	J	1	0.048	0.25	mg/L	11/10/25 12:10	11/10/25 14:32	9012B
pH	5.88	H	1	0	0	pH		11/06/25 16:20	9040C
TDS	160		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	0.11	U	1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 11:54	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	1.00		1	0.35	1.00	mg/L		11/12/25 12:38	SM 5310 B-14
Nitrogen	4.90		1	0.31	1.30	mg/L		11/12/25 11:54	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	1.00	U	1	1.00	4.00	mg/L		11/07/25 10:00	SM 2540 D-20
Turbidity	0.45	J	1	0.15	1.00	NTU		11/07/25 09:15	SM 2130 B-20

Comments: pH result reported at temperature 20.4 °C

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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.
Project: Syosset Landfill 2025
Client Sample ID: SY-10SDL
Lab Sample ID: Q3560-03DL

Date Collected: 11/05/25 10:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	12.7	D	5	0.95	3.00	mg/L		11/07/25 11:52	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.
Project: Syosset Landfill 2025
Client Sample ID: SY-10I
Lab Sample ID: Q3560-05

Date Collected: 11/05/25 12:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	21.8		1	1.00	2.00	mg/L		11/14/25 12:28	SM 2320 B-21
Ammonia as N	0.074	J	1	0.030	0.10	mg/L	11/10/25 11:40	11/11/25 11:56	SM 4500-NH3 B plus G-21
Chloride	109	OR	1	0.19	0.60	mg/L		11/06/25 15:56	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/06/25 15:56	300.0
Nitrate	7.00	OR	1	0.095	0.50	mg/L		11/06/25 15:56	300.0
Sulfate	16.8		1	0.46	3.00	mg/L		11/06/25 15:56	300.0
Nitrate+Nitrite	8.00	J	1	1.97	10.6	mg/L		11/06/25 15:56	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		11/06/25 16:00	SM 5210 B-16
Cyanide	0.061	J	1	0.046	0.24	mg/L	11/10/25 12:10	11/10/25 14:32	9012B
pH	5.74	H	1	0	0	pH		11/06/25 16:25	9040C
TDS	294		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	0.40	J	1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 11:54	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	1.10		1	0.35	1.00	mg/L		11/12/25 13:55	SM 5310 B-14
Nitrogen	8.40		1	0.31	1.30	mg/L		11/12/25 11:54	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	1.00	U	1	1.00	4.00	mg/L		11/07/25 10:00	SM 2540 D-20
Turbidity	0.45	J	1	0.15	1.00	NTU		11/07/25 09:18	SM 2130 B-20

Comments: pH result reported at temperature 20.9 °C

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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.
Project: Syosset Landfill 2025
Client Sample ID: SY-10IDL
Lab Sample ID: Q3560-05DL

Date Collected: 11/05/25 12:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	86.5	D	20	3.80	12.0	mg/L		11/07/25 12:14	300.0
Nitrate	8.00	HJD	20	1.90	10.0	mg/L		11/07/25 12:14	300.0

Comments: _____

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-12I
Lab Sample ID: Q3560-07

Date Collected: 11/05/25 14:15
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	452		1	1.00	2.00	mg/L		11/14/25 12:35	SM 2320 B-21
Ammonia as N	32.2	OR	1	0.030	0.10	mg/L	11/10/25 11:40	11/11/25 12:07	SM 4500-NH3 B plus G-21
Chloride	155	OR	1	0.19	0.60	mg/L		11/06/25 16:17	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/06/25 16:17	300.0
Nitrate	0.65		1	0.095	0.50	mg/L		11/06/25 16:17	300.0
Sulfate	83.9	OR	1	0.46	3.00	mg/L		11/06/25 16:17	300.0
Nitrate+Nitrite	0.65	J	1	0.17	1.10	mg/L		11/06/25 16:17	300.0
BOD5	90.5		1	0.20	2.00	mg/L		11/06/25 16:00	SM 5210 B-16
Cyanide	0.048	U	1	0.048	0.25	mg/L	11/10/25 12:10	11/10/25 14:39	9012B
pH	6.54	H	1	0	0	pH		11/06/25 16:35	9040C
TDS	704		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	29.9	OR	1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 11:54	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	11.1		1	0.35	1.00	mg/L		11/12/25 14:21	SM 5310 B-14
Nitrogen	49.1		1	0.31	1.30	mg/L		11/12/25 12:26	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	1.00	U	1	1.00	4.00	mg/L		11/07/25 10:00	SM 2540 D-20
Turbidity	1.45		1	0.15	1.00	NTU		11/07/25 09:21	SM 2130 B-20

Comments: pH result reported at temperature 20.4 °C

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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.
Project: Syosset Landfill 2025
Client Sample ID: SY-12IDL
Lab Sample ID: Q3560-07DL

Date Collected: 11/05/25 14:15
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	43.2	OR	20	0.60	2.00	mg/L	11/10/25 11:40	11/11/25 13:06	SM 4500-NH3 B plus G-21
Chloride	133	OR	5	0.95	3.00	mg/L		11/07/25 12:35	300.0
Sulfate	80.6	D	5	2.30	15.0	mg/L		11/07/25 12:35	300.0
TKN	48.5	D	10	1.10	5.00	mg/L	11/11/25 08:10	11/12/25 12:26	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: _____

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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.
Project: Syosset Landfill 2025
Client Sample ID: SY-12IDL2
Lab Sample ID: Q3560-07DL2

Date Collected: 11/05/25 14:15
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	42.0	D	40	1.20	4.00	mg/L	11/10/25 11:40	11/11/25 13:46	SM 4500-NH3 B plus G-21
Chloride	125	D	50	9.50	30.0	mg/L		11/07/25 12:57	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.
Project: Syosset Landfill 2025
Client Sample ID: SY-12D
Lab Sample ID: Q3560-09

Date Collected: 11/05/25 16:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	47.7		1	1.00	2.00	mg/L		11/14/25 12:39	SM 2320 B-21
Ammonia as N	1.40		1	0.030	0.10	mg/L	11/10/25 11:40	11/11/25 12:07	SM 4500-NH3 B plus G-21
Chloride	180	OR	1	0.19	0.60	mg/L		11/06/25 16:39	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/06/25 16:39	300.0
Nitrate	8.90	OR	1	0.095	0.50	mg/L		11/06/25 16:39	300.0
Sulfate	158	OR	1	0.46	3.00	mg/L		11/06/25 16:39	300.0
Nitrate+Nitrite	9.00		1	0.26	1.60	mg/L		11/06/25 16:39	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		11/06/25 16:00	SM 5210 B-16
Cyanide	0.048	U	1	0.048	0.25	mg/L	11/10/25 12:10	11/10/25 14:39	9012B
pH	5.80	H	1	0	0	pH		11/06/25 16:39	9040C
TDS	539		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	1.40		1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 12:04	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	2.50		1	0.35	1.00	mg/L		11/12/25 15:10	SM 5310 B-14
Nitrogen	10.4		1	0.31	1.30	mg/L		11/12/25 12:04	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	1.00	U	1	1.00	4.00	mg/L		11/07/25 10:00	SM 2540 D-20
Turbidity	0.31	J	1	0.15	1.00	NTU		11/07/25 09:24	SM 2130 B-20

Comments: pH result reported at temperature 20.5 °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.
Project: Syosset Landfill 2025
Client Sample ID: SY-12DDL
Lab Sample ID: Q3560-09DL

Date Collected: 11/05/25 16:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	170	OR	2	0.38	1.20	mg/L		11/07/25 14:02	300.0
Nitrate	9.00	D	2	0.19	1.00	mg/L		11/07/25 14:02	300.0
Sulfate	152	OR	2	0.92	6.00	mg/L		11/07/25 14:02	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.
Project: Syosset Landfill 2025
Client Sample ID: SY-12DDL2
Lab Sample ID: Q3560-09DL2

Date Collected: 11/05/25 16:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	139	D	20	3.80	12.0	mg/L		11/07/25 14:45	300.0
Sulfate	148	D	20	9.20	60.0	mg/L		11/07/25 14:45	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



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137803

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	9.7	10	97	90-110	11/03/2025
Chloride	mg/L	2.9	3	97	90-110	11/03/2025
Fluoride	mg/L	2	2	100	90-110	11/03/2025
Nitrite	mg/L	2.9	3	97	90-110	11/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	11/03/2025
Sulfate	mg/L	14.5	15	97	90-110	11/03/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	11/03/2025
Sample ID: CCV1						
Bromide	mg/L	10.1	10	101	90-110	11/06/2025
Chloride	mg/L	3	3	100	90-110	11/06/2025
Fluoride	mg/L	2	2	100	90-110	11/06/2025
Nitrite	mg/L	3	3	100	90-110	11/06/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/06/2025
Sulfate	mg/L	15.1	15	101	90-110	11/06/2025
Orthophosphate as P	mg/L	4.6	5	92	90-110	11/06/2025
Sample ID: CCV2						
Bromide	mg/L	10.2	10	102	90-110	11/06/2025
Chloride	mg/L	3.1	3	103	90-110	11/06/2025
Fluoride	mg/L	2	2	100	90-110	11/06/2025
Nitrite	mg/L	3	3	100	90-110	11/06/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/06/2025
Sulfate	mg/L	15.2	15	101	90-110	11/06/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	11/06/2025
Sample ID: CCV3						
Bromide	mg/L	10.2	10	102	90-110	11/06/2025
Chloride	mg/L	3.1	3	103	90-110	11/06/2025
Fluoride	mg/L	2	2	100	90-110	11/06/2025
Nitrite	mg/L	3	3	100	90-110	11/06/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/06/2025
Sulfate	mg/L	15.1	15	101	90-110	11/06/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	11/06/2025
Sample ID: CCV4						
Bromide	mg/L	10.2	10	102	90-110	11/07/2025
Chloride	mg/L	3.1	3	103	90-110	11/07/2025
Fluoride	mg/L	2.1	2	105	90-110	11/07/2025
Nitrite	mg/L	3.1	3	103	90-110	11/07/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/07/2025
Sulfate	mg/L	15.1	15	101	90-110	11/07/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137803

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Orthophosphate as P	mg/L	5	5	100	90-110	11/07/2025
Sample ID: CCV5						
Bromide	mg/L	10.3	10	103	90-110	11/07/2025
Chloride	mg/L	3.1	3	103	90-110	11/07/2025
Fluoride	mg/L	2.1	2	105	90-110	11/07/2025
Nitrite	mg/L	3.1	3	103	90-110	11/07/2025
Nitrate	mg/L	2.6	2.5	104	90-110	11/07/2025
Sulfate	mg/L	15.2	15	101	90-110	11/07/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	11/07/2025
Sample ID: CCV6						
Bromide	mg/L	10.3	10	103	90-110	11/07/2025
Chloride	mg/L	3.1	3	103	90-110	11/07/2025
Fluoride	mg/L	2.1	2	105	90-110	11/07/2025
Nitrite	mg/L	3.1	3	103	90-110	11/07/2025
Nitrate	mg/L	2.6	2.5	104	90-110	11/07/2025
Sulfate	mg/L	15.2	15	101	90-110	11/07/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	11/07/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137806

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV pH	pH	7.02	7	100	90-110	11/06/2025
Sample ID: CCV1 pH	pH	2.01	2.00	101	90-110	11/06/2025
Sample ID: CCV2 pH	pH	12.02	12.00	100	90-110	11/06/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137817

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Turbidity	ICV	NTU	10.071	10	101	90-110	11/07/2025
Sample ID: Turbidity	CCV1	NTU	9.246	10	92	90-110	11/07/2025
Sample ID: Turbidity	CCV2	NTU	9.483	10	95	90-110	11/07/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137840

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.096	0.099	97	90-110	11/10/2025
Sample ID: CCV1 Cyanide	mg/L	0.24	0.25	96	90-110	11/10/2025
Sample ID: CCV2 Cyanide	mg/L	0.24	0.25	96	90-110	11/10/2025
Sample ID: CCV3 Cyanide	mg/L	0.24	0.25	96	90-110	11/10/2025
Sample ID: CCV4 Cyanide	mg/L	0.25	0.25	100	90-110	11/10/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137852

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	0.97	1	97	90-110	11/11/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.95	1	95	90-110	11/11/2025
Sample ID: CCV2 Ammonia as N	mg/L	0.96	1	96	90-110	11/11/2025
Sample ID: CCV3 Ammonia as N	mg/L	0.97	1	97	90-110	11/11/2025
Sample ID: CCV4 Ammonia as N	mg/L	0.96	1	96	90-110	11/11/2025
Sample ID: CCV5 Ammonia as N	mg/L	0.99	1	99	90-110	11/11/2025
Sample ID: CCV6 Ammonia as N	mg/L	0.94	1	94	90-110	11/11/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137861

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 TOC	mg/L	10.2	10	102	90-110	10/06/2025
Sample ID: CCV1 TOC	mg/L	0.95	1.0	95	90-110	11/12/2025
Sample ID: CCV2 TOC	mg/L	9.8	10	98	90-110	11/12/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137870

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 TKN	mg/L	5.1	5	102	90-110	11/12/2025
Sample ID: CCV1 TKN	mg/L	5	5	100	90-110	11/12/2025
Sample ID: CCV2 TKN	mg/L	5	5	100	90-110	11/12/2025
Sample ID: CCV3 TKN	mg/L	5.1	5	102	90-110	11/12/2025
Sample ID: CCV4 TKN	mg/L	5.1	5	102	90-110	11/12/2025
Sample ID: CCV5 TKN	mg/L	5	5	100	90-110	11/12/2025
Sample ID: CCV6 TKN	mg/L	5.2	5	104	90-110	11/12/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137803

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	11/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/03/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/06/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/06/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/06/2025
Sample ID: CCB4							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025
Sample ID: CCB5							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137803

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025
Sample ID: CCB6							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137817

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Turbidity	NTU	0.162	0.5000	J	0.15	1.0	11/07/2025
Sample ID: CCB1 Turbidity	NTU	0.171	0.5000	J	0.15	1	11/07/2025
Sample ID: CCB2 Turbidity	NTU	0.162	0.5000	J	0.15	1	11/07/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137840

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID: CCB2 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID: CCB3 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID: CCB4 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137852

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	11/11/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/11/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/11/2025
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/11/2025
Sample ID: CCB4 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/11/2025
Sample ID: CCB5 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/11/2025
Sample ID: CCB6 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/11/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137861

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 TOC	mg/L	< 0.5000	0.5000	U	0.35	1	10/06/2025
Sample ID: CCB1 TOC	mg/L	< 0.5000	0.5000	U	0.35	1	11/12/2025
Sample ID: CCB2 TOC	mg/L	< 0.5000	0.5000	U	0.35	1	11/12/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137870

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB1 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB2 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB3 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB4 TKN	mg/L	0.16	0.2500	J	0.11	0.5	11/12/2025
Sample ID: CCB5 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB6 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025

Preparation Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137803BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/06/2025
Sample ID: LB137803BLW2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025
Sample ID: LB137805BL							
TDS	mg/L	1	5.0000	J	1.0	10	11/06/2025
Sample ID: LB137812BL							
TSS	mg/L	< 2.0000	2.0000	U	1	4	11/07/2025
Sample ID: LB137817BL							
Turbidity	NTU	0.177	0.5000	J	0.15	1.0	11/07/2025
Sample ID: LB137854BL							
BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	11/06/2025
Sample ID: LB137861BLW							
TOC	mg/L	0.35	0.5000	J	0.35	1	11/12/2025
Sample ID: LB137863BLW							
Alkalinity	mg/L	< 1.0000	1.0000	U	1	2	11/14/2025
Sample ID: LB137903BL							
Alkalinity	mg/L	< 1.0000	1.0000	U	1	2	11/14/2025
Sample ID: PB170442BL							
Cyanide	mg/L	< 0.1250	0.1250	U	0.048	0.25	11/10/2025
Sample ID: PB170466BL							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.03	0.1	11/11/2025
Sample ID: PB170510BL							
TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3551-01
Client ID:	MANHOLEMS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	9.50		0.37	U	10	1	95		11/06/2025
Chloride	mg/L	80-120	166	OR	170	OR	3	1	-133	*	11/06/2025
Fluoride	mg/L	80-120	2.40		0.11	U	2	1	120		11/06/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		11/06/2025
Nitrate	mg/L	80-120	2.50		0.18	J	2.5	1	93		11/06/2025
Sulfate	mg/L	80-120	40.4	OR	27.0		15	1	89		11/06/2025
Orthophosphate as P	mg/L	80-120	10.4		5.30		5	1	102		11/06/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3551-01
Client ID:	MANHOLEMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.3		0.37	U	10	1	103		11/06/2025
Chloride	mg/L	80-120	166	OR	170	OR	3	1	-133	*	11/06/2025
Fluoride	mg/L	80-120	2.60		0.11	U	2	1	130	*	11/06/2025
Nitrite	mg/L	80-120	3.10		0.074	U	3	1	103		11/06/2025
Nitrate	mg/L	80-120	2.70		0.18	J	2.5	1	101		11/06/2025
Sulfate	mg/L	80-120	41.5	OR	27.0		15	1	97		11/06/2025
Orthophosphate as P	mg/L	80-120	10.0		5.30		5	1	94		11/06/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3552-04
Client ID:	MW-10MS	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
TKN	mg/L	75-125	7.30		2.90		5	1	88		11/12/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3552-04
Client ID:	MW-10MSD	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
TKN	mg/L	75-125	7.20		2.90		5	1	86		11/12/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3560-01
Client ID:	SY-10DMS	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	9.10	OR	8.10	OR	1	1	100		11/11/2025
Cyanide	mg/L	75-125	1.90		0.047	U	1.96078	1	97		11/10/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3560-01
Client ID:	SY-10DMSD	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	9.10	OR	8.10	OR	1	1	100		11/11/2025
Cyanide	mg/L	75-125	2.00		0.047	U	1.94175	1	103		11/10/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3560-03
Client ID:	SY-10SMS	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
TOC	mg/L	85-115	8.50		1.00		10	1	75	*	11/12/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3560-03
Client ID:	SY-10SMSD	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
TOC	mg/L	85-115	9.50		1.00		10	1	85		11/12/2025

Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.	SDG No.: Q3560
Project: Syosset Landfill 2025	Sample ID: Q3551-01
Client ID: MANHOLEMSD	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Chloride	mg/L	+/-20	166	OR	166	OR	1	0		11/06/2025
Sulfate	mg/L	+/-20	40.4	OR	41.5	OR	1	3		11/06/2025
Orthophosphate as P	mg/L	+/-20	10.4		10.0		1	4		11/06/2025
Nitrite	mg/L	+/-20	2.90		3.10		1	7		11/06/2025
Bromide	mg/L	+/-20	9.50		10.3		1	8		11/06/2025
Fluoride	mg/L	+/-20	2.40		2.60		1	8		11/06/2025
Nitrate	mg/L	+/-20	2.50		2.70		1	8		11/06/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3551-04
Client ID:	MANHOLEDUP	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	48.0		48.2		1	0.42		11/07/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3552-04
Client ID:	MW-10DUP	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
TKN	mg/L	+/-20	2.90		2.70		1	7		11/12/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3552-04
Client ID:	MW-10MSD	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
TKN	mg/L	+/-20	7.30		7.20		1	1		11/12/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3552-05
Client ID:	MW-3DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TDS	mg/L	+/-5	1410		1410		1	0.07		11/06/2025

Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.	SDG No.: Q3560
Project: Syosset Landfill 2025	Sample ID: Q3560-01
Client ID: SY-10DDUP	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	6.11		6.13		1	0.33		11/06/2025
Cyanide	mg/L	+/-20	0.047	U	0.047	U	1	0		11/10/2025
Ammonia as N	mg/L	+/-20	8.10	OR	8.10	OR	1	0		11/11/2025
BOD5	mg/L	+/-20	21.1		21.1		1	0.05		11/06/2025
Alkalinity	mg/L	+/-20	138		136		1	1		11/14/2025
Ammonia as N	mg/L	+/-20	7.40	D	7.40	D	10	0		11/11/2025

Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.	SDG No.: Q3560
Project: Syosset Landfill 2025	Sample ID: Q3560-01
Client ID: SY-10DMSD	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
Cyanide	mg/L	+/-20	1.90		2.00		1	5		11/10/2025
Ammonia as N	mg/L	+/-20	9.10	OR	9.10	OR	1	0		11/11/2025

Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.	SDG No.: Q3560
Project: Syosset Landfill 2025	Sample ID: Q3560-03
Client ID: SY-10SDUP	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Alkalinity	mg/L	+/-20	8.40		8.00		1	4.88		11/14/2025

Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.	SDG No.: Q3560
Project: Syosset Landfill 2025	Sample ID: Q3560-03
Client ID: SY-10SMSD	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
TOC	mg/L	+/-15	8.50		9.50		1	11		11/12/2025

Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.	SDG No.: Q3560
Project: Syosset Landfill 2025	Sample ID: Q3560-09
Client ID: SY-12DDUP	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	0.31	J	0.31	J	1	0.97		11/07/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137803

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137803BSW							
Bromide	mg/L	10	10.2		102	1	90-110	11/06/2025
Chloride	mg/L	3	3.10		103	1	90-110	11/06/2025
Fluoride	mg/L	2	2.00		100	1	90-110	11/06/2025
Nitrite	mg/L	3	3.00		100	1	90-110	11/06/2025
Nitrate	mg/L	2.5	2.50		100	1	90-110	11/06/2025
Sulfate	mg/L	15	15.2		101	1	90-110	11/06/2025
Orthophosphate as P	mg/L	5	4.80		96	1	90-110	11/06/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137803

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137803BSW2							
Bromide	mg/L	10	10.5		105	1	90-110	11/07/2025
Chloride	mg/L	3	3.20		107	1	90-110	11/07/2025
Fluoride	mg/L	2	2.10		105	1	90-110	11/07/2025
Nitrite	mg/L	3	3.10		103	1	90-110	11/07/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	11/07/2025
Sulfate	mg/L	15	15.5		103	1	90-110	11/07/2025
Orthophosphate as P	mg/L	5	5.40		108	1	90-110	11/07/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137805

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137805BS							
TDS	mg/L	100	94.0		94	1	90-110	11/06/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137812

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137812BS							
TSS	mg/L	550	531		96	1	90-110	11/07/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137854

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137854BS							
BOD5	mg/L	198	178		90	1	84.6-115.4	11/06/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137861

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137861BSW							
TOC	mg/L	10	9.50		95	1	90-110	11/12/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137863

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137863BSW							
Alkalinity	mg/L	50	54.3		109	1	80-120	11/14/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137903

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137903BS							
Alkalinity	mg/L	50	42.2		84	1	80-120	11/14/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137840

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170442BS							
Cyanide	mg/L	5	4.90		98	1	85-115	11/10/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137852

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170466BS							
Ammonia as N	mg/L	1	0.97		97	1	90-110	11/11/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137870

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170510BS							
TKN	mg/L	5	5.10		102	1	90-110	11/12/2025



RAW DATA

Instrument IC-1		Analyst: RM		Method: 300.0 / 9056A		Initial w 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	IC1-110325	11/3/2025 15:58	10 RM/IZ
STD2	0.417	0.655	0.659	2.182	0.549	0.953	3.345	IC1-110325	11/3/2025 16:22	10 RM/IZ
STD3	0.813	1.228	1.228	4.086	1.024	2.097	6.147	IC1-110325	11/3/2025 17:04	10 RM/IZ
STD4	1.014	1.491	1.496	4.984	1.245	2.506	7.444	IC1-110325	11/3/2025 17:47	10 RM/IZ
STD5	1.966	2.918	2.907	9.724	2.426	5.166	14.580	IC1-110325	11/3/2025 18:08	10 RM/IZ
STD6	3.912	5.914	5.907	19.694	4.918	9.286	29.234	IC1-110325	11/3/2025 18:30	10 RM/IZ
STD7	5.078	7.595	7.603	25.330	6.339	12.992	37.751	IC1-110325	11/3/2025 18:51	10 RM/IZ
ICV	1.960	2.885	2.908	9.698	2.364	5.176	14.547	IC1-110325	11/3/2025 19:13	10 RM/IZ
ICB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/3/2025 19:34	10 RM/IZ
CCV	1.996	3.039	3.019	10.115	2.520	4.580	15.125	IC1-110325	11/6/2025 9:15	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/6/2025 9:37	10 RM/IZ
LB137803BLW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/6/2025 9:58	10 RM/IZ
LB137803BSW	1.998	3.055	3.029	10.189	2.535	4.790	15.247	IC1-110325	11/6/2025 10:20	10 RM/IZ
Q3551-04	0.098	170.219	0.000	0.000	0.175	5.324	26.984	IC1-110325	11/6/2025 10:46	10 RM/IZ
Q3551-04MS	2.386	165.705	2.855	9.506	2.516	10.448	40.440	IC1-110325	11/6/2025 11:09	10 RM/IZ
Q3551-04MSD	2.627	165.538	3.089	10.308	2.661	10.020	41.494	IC1-110325	11/6/2025 11:31	10 RM/IZ
CCV	1.979	3.051	3.036	10.230	2.534	5.180	15.191	IC1-110325	11/6/2025 12:01	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/6/2025 12:25	10 RM/IZ
Q3560-01	0.080	719.823	0.000	0.603	0.000	0.000	33.004	IC1-110325	11/6/2025 15:13	10 RM/IZ
Q3560-03	0.054	12.559	0.000	0.000	4.862	0.069	17.348	IC1-110325	11/6/2025 15:34	10 RM/IZ
Q3560-05	0.041	108.504	0.000	0.312	7.024	0.091	16.753	IC1-110325	11/6/2025 15:56	10 RM/IZ
Q3560-07	0.176	155.127	0.000	1.157	0.647	0.524	83.896	IC1-110325	11/6/2025 16:17	10 RM/IZ
Q3560-09	0.070	180.423	0.000	0.595	8.906	0.000	157.807	IC1-110325	11/6/2025 16:39	10 RM/IZ
CCV	2.033	3.056	3.038	10.161	2.536	5.090	15.075	IC1-110325	11/6/2025 17:00	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/6/2025 17:43	10 RM/IZ
CCV	2.063	3.079	3.050	10.243	2.541	5.011	15.112	IC1-110325	11/7/2025 9:00	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/7/2025 9:22	10 RM/IZ
LB137803BLW2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/7/2025 9:43	10 RM/IZ
LB137803BSW2	2.117	3.158	3.125	10.467	2.605	5.394	15.501	IC1-110325	11/7/2025 10:05	10 RM/IZ

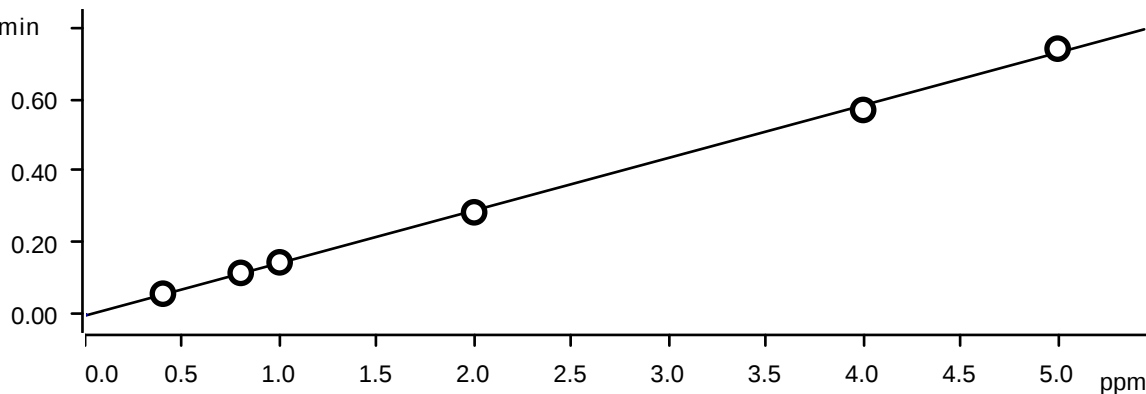
Q3569-01	0.202	422.881	0.160	2.583	13.807	0.000	110.929	IC1-110325	11/7/2025 10:26	10	RM/IZ
Q3569-02	0.158	308.426	0.111	2.535	1.752	0.000	10.591	IC1-110325	11/7/2025 10:48	10	RM/IZ
Q3569-01DLX5	0.084	72.282	0.097	0.696	2.648	0.000	20.651	IC1-110325	11/7/2025 11:09	10	RM/IZ
Q2560-01DLX200	0.000	2.515	0.000	0.000	0.000	0.000	0.634	IC1-110325	11/7/2025 11:31	10	RM/IZ
Q2560-03DLX5	0.000	2.535	0.000	0.000	1.033	0.000	3.907	IC1-110325	11/7/2025 11:52	10	RM/IZ
Q2560-05DLX20	0.000	4.325	0.000	0.000	0.402	0.000	1.283	IC1-110325	11/7/2025 12:14	10	RM/IZ
Q2560-07DLX5	0.057	26.678	0.000	0.398	0.183	0.109	16.116	IC1-110325	11/7/2025 12:35	10	RM/IZ
Q2560-07DL2X50	0.000	2.500	0.000	0.000	0.080	0.000	2.014	IC1-110325	11/7/2025 12:57	10	RM/IZ
CCV	2.067	3.086	3.068	10.263	2.554	5.283	15.186	IC1-110325	11/7/2025 13:19	10	RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/7/2025 13:40	10	RM/IZ
Q2560-09DLX2	0.048	85.167	0.000	0.375	4.507	0.000	75.938	IC1-110325	11/7/2025 14:02	10	RM/IZ
Q3560-09DL2X20	0.000	6.941	0.000	0.000	0.497	0.000	7.386	IC1-110325	11/7/2025 14:45	10	RM/IZ
CCV	2.065	3.087	3.067	10.263	2.555	5.276	15.199	IC1-110325	11/7/2025 15:28	10	RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/7/2025 15:49	10	RM/IZ

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	concentrati on 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	IC1-110325	11/3/2025 15:58	10	RM/IZ
STD2	0.4170	0.6550	0.6590	2.1820	0.5490	0.9530	3.3450	IC1-110325	11/3/2025 16:22	10	RM/IZ
STD3	0.8130	1.2280	1.2280	4.0860	1.0240	2.0970	6.1470	IC1-110325	11/3/2025 17:04	10	RM/IZ
STD4	1.0140	1.4910	1.4960	4.9840	1.2450	2.5060	7.4440	IC1-110325	11/3/2025 17:47	10	RM/IZ
STD5	1.9660	2.9180	2.9070	9.7240	2.4260	5.1660	14.5800	IC1-110325	11/3/2025 18:08	10	RM/IZ
STD6	3.9120	5.9140	5.9070	19.6940	4.9180	9.2860	29.2340	IC1-110325	11/3/2025 18:30	10	RM/IZ
STD7	5.0780	7.5950	7.6030	25.3300	6.3390	12.9920	37.7510	IC1-110325	11/3/2025 18:51	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	4.2500	9.1667	9.8333	9.1000	9.8000	-4.7000	11.5000				
STD3	1.6250	2.3333	2.3333	2.1500	2.4000	4.8500	2.4500				
STD4	1.4000	-0.6000	-0.2667	-0.3200	-0.4000	0.2400	-0.7467				
STD5	-1.7000	-2.7333	-3.1000	-2.7600	-2.9600	3.3200	-2.8000				
STD6	-2.2000	-1.4333	-1.5500	-1.5300	-1.6400	-7.1400	-2.5533				
STD7	1.5600	1.2667	1.3733	1.3200	1.4240	3.9360	2.0297				

Fluoride (Anions)

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



Function: $A = -3.63197E-3 + 0.0146595 \times Q$

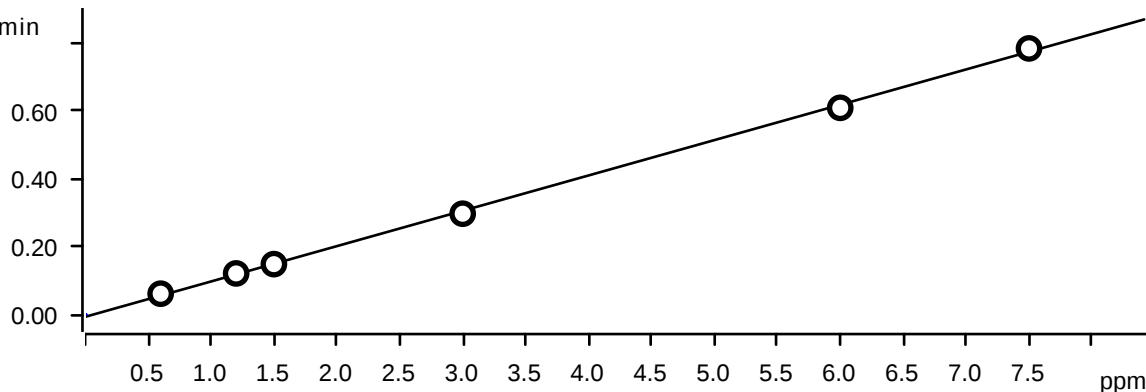
Relative standard deviation 2.880512 %

Correlation coefficient 0.999558

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	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	0.400	10.0	1.0	1.0	0.058	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	0.800	10.0	1.0	1.0	0.116	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	1.000	10.0	1.0	1.0	0.145	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	2.000	10.0	1.0	1.0	0.285	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	4.000	10.0	1.0	1.0	0.570	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	5.000	10.0	1.0	1.0	0.741	STD7	2025-11-03 18:51:52 UTC-5	used

Chloride (Anions)

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



Function: $A = -7.14286E-3 + 0.0104011 \times Q$

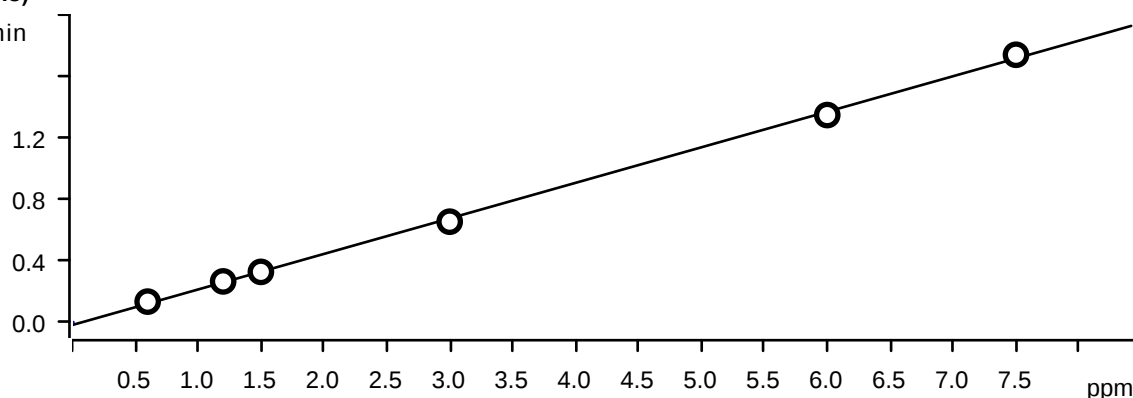
Relative standard deviation 2.544562 %

Correlation coefficient 0.999662

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	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	0.600	10.0	1.0	1.0	0.061	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	1.200	10.0	1.0	1.0	0.121	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	1.500	10.0	1.0	1.0	0.148	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	3.000	10.0	1.0	1.0	0.296	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	6.000	10.0	1.0	1.0	0.608	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	7.500	10.0	1.0	1.0	0.783	STD7	2025-11-03 18:51:52 UTC-5	used

Nitrite (Anions)

(μS/cm) x min

Function: $A = -0.0188106 + 0.0231263 \times Q$

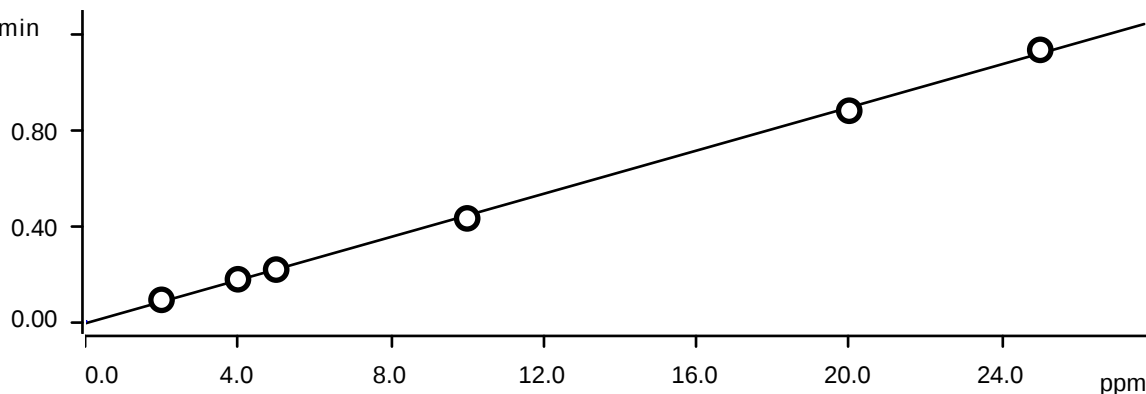
Relative standard deviation 2.785229 %

Correlation coefficient 0.999598

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	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	0.600	10.0	1.0	1.0	0.134	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	1.200	10.0	1.0	1.0	0.265	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	1.500	10.0	1.0	1.0	0.327	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	3.000	10.0	1.0	1.0	0.654	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	6.000	10.0	1.0	1.0	1.347	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	7.500	10.0	1.0	1.0	1.740	STD7	2025-11-03 18:51:52 UTC-5	used

Bromide (Anions)

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



Function: $A = -8.73633E-3 + 4.51609E-3 \times Q$

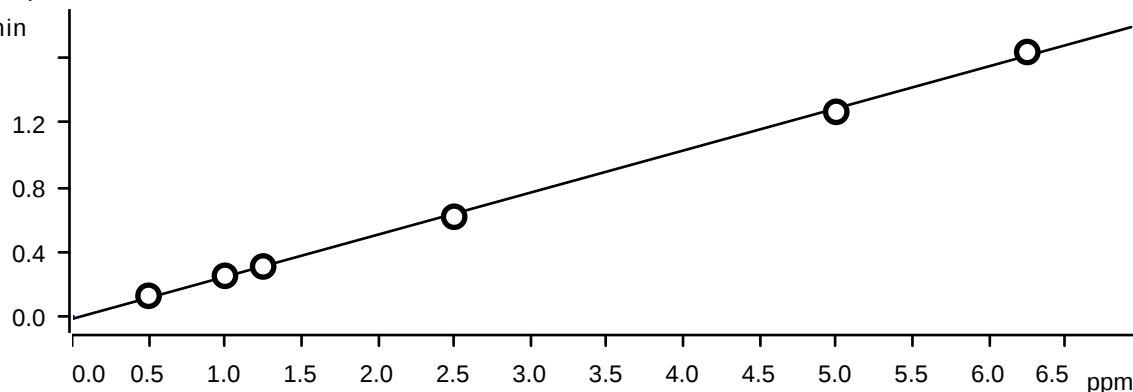
Relative standard deviation: 2.618377 %

Correlation coefficient: 0.999640

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	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	2.000	10.0	1.0	1.0	0.090	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	4.000	10.0	1.0	1.0	0.176	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	5.000	10.0	1.0	1.0	0.216	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	10.000	10.0	1.0	1.0	0.430	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	20.000	10.0	1.0	1.0	0.881	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	25.000	10.0	1.0	1.0	1.135	STD7	2025-11-03 18:51:52 UTC-5	used

Nitrate (Anions)

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

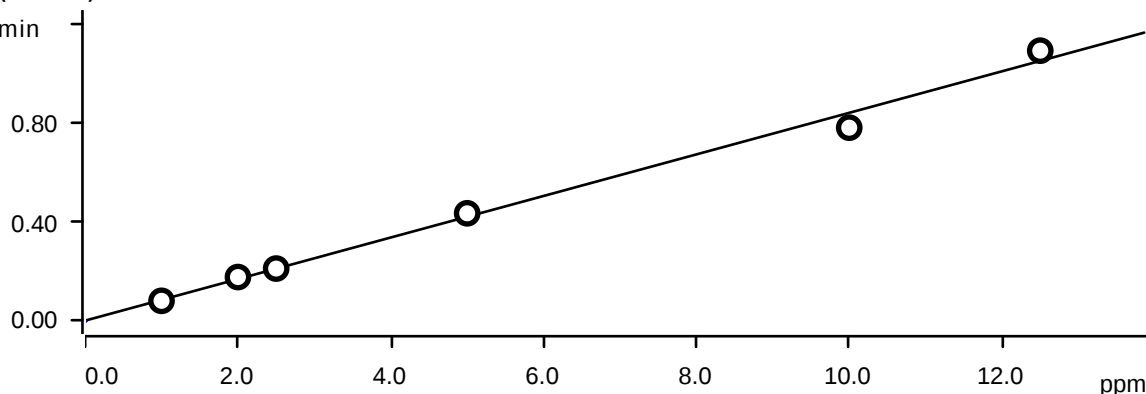


Function: $A = -0.0164240 + 0.0260850 \times Q$

Relative standard deviation: 2.824357 %

Correlation coefficient 0.999585

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	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	0.500	10.0	1.0	1.0	0.127	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	1.000	10.0	1.0	1.0	0.251	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	1.250	10.0	1.0	1.0	0.308	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	2.500	10.0	1.0	1.0	0.616	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	5.000	10.0	1.0	1.0	1.266	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	6.250	10.0	1.0	1.0	1.637	STD7	2025-11-03 18:51:52 UTC-5	used

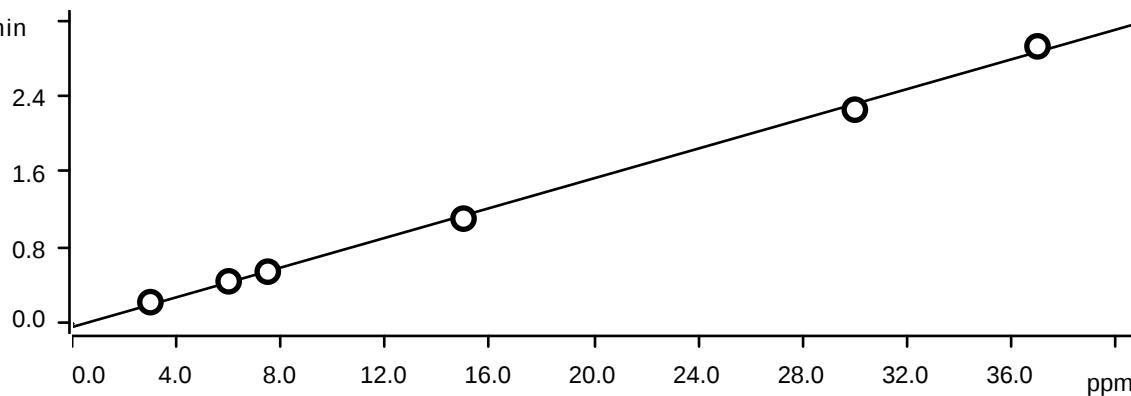
Phosphate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = 1.95294E-3 + 8.36815E-3 \times Q$

Relative standard deviation 8.053642 %

Correlation coefficient 0.996454

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	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	1.000	10.0	1.0	1.0	0.082	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	2.000	10.0	1.0	1.0	0.177	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	2.500	10.0	1.0	1.0	0.212	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	5.000	10.0	1.0	1.0	0.434	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	10.000	10.0	1.0	1.0	0.779	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	12.500	10.0	1.0	1.0	1.089	STD7	2025-11-03 18:51:52 UTC-5	used

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0341972 + 7.83080E-3 \times Q$

Relative standard deviation 3.795793 %

Correlation coefficient 0.999249

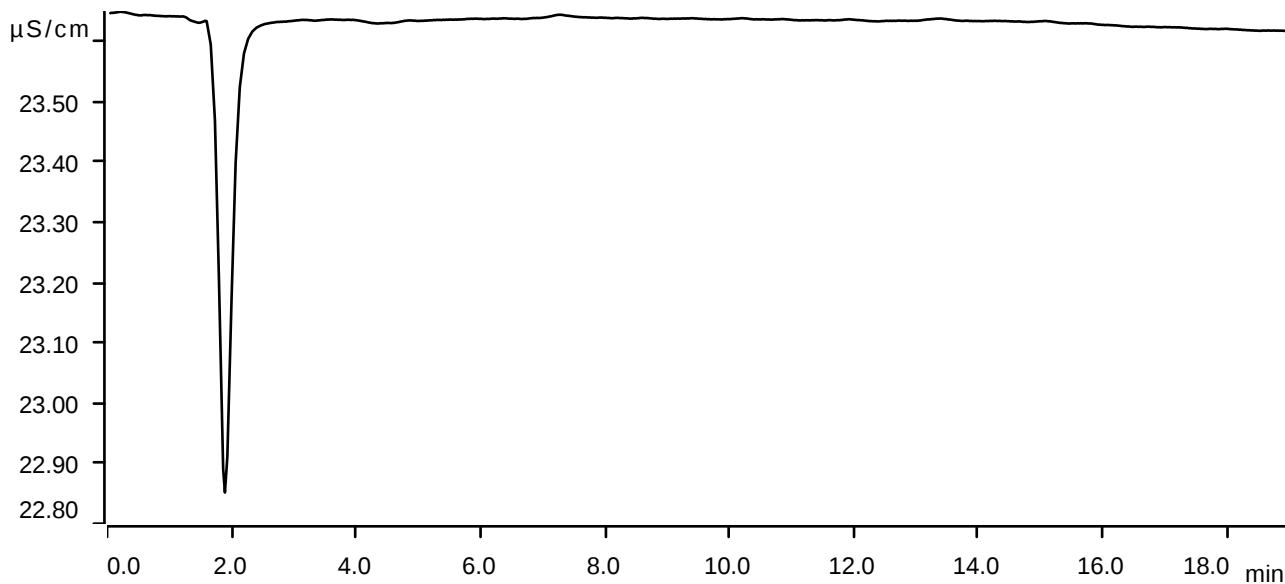
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	3.000	10.0	1.0	1.0	0.228	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	6.000	10.0	1.0	1.0	0.447	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	7.500	10.0	1.0	1.0	0.549	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	15.000	10.0	1.0	1.0	1.108	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	30.000	10.0	1.0	1.0	2.255	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	37.000	10.0	1.0	1.0	2.922	STD7	2025-11-03 18:51:52 UTC-5	used

Sample data

Ident STD1
Sample type Standard 1
Determination start 2025-11-03 15:58:57 UTC-5
Method IC1-110325
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

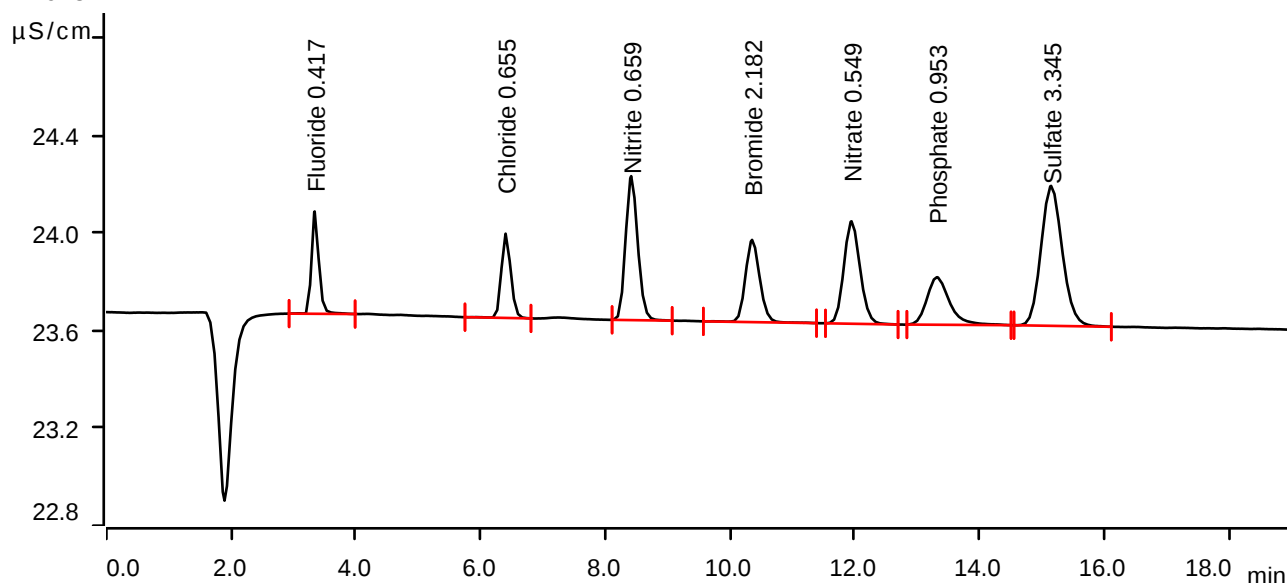
Sample data

Ident STD2
Sample type Standard 2
Determination start 2025-11-03 16:22:03 UTC-5
Method IC1-110325
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	3.340	0.0576	0.420	0.417	Fluoride
2	6.402	0.0609	0.345	0.655	Chloride
3	8.415	0.1336	0.590	0.659	Nitrite
4	10.353	0.0898	0.337	2.182	Bromide
5	11.947	0.1268	0.420	0.549	Nitrate
6	13.317	0.0817	0.195	0.953	Phosphate
7	15.147	0.2277	0.574	3.345	Sulfate

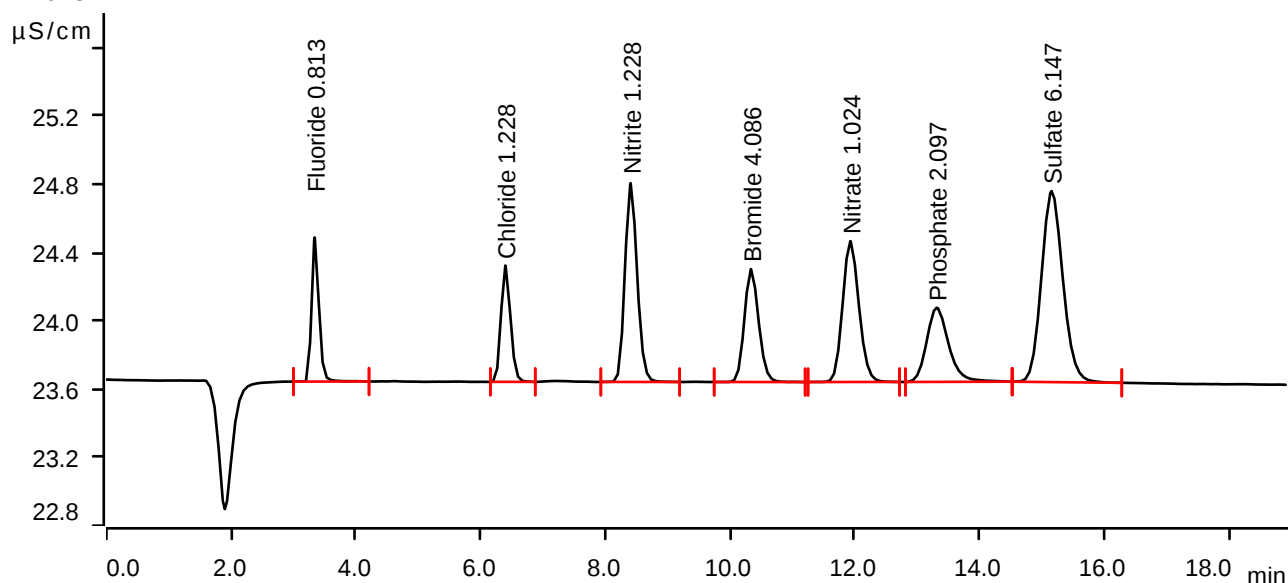
Sample data

Ident STD3
Sample type Standard 3
Determination start 2025-11-03 17:04:52 UTC-5
Method IC1-110325
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	3.342	0.1156	0.844	0.813	Fluoride
2	6.397	0.1206	0.681	1.228	Chloride
3	8.407	0.2651	1.164	1.228	Nitrite
4	10.337	0.1758	0.661	4.086	Bromide
5	11.928	0.2506	0.825	1.024	Nitrate
6	13.312	0.1774	0.435	2.097	Phosphate
7	15.155	0.4471	1.119	6.147	Sulfate

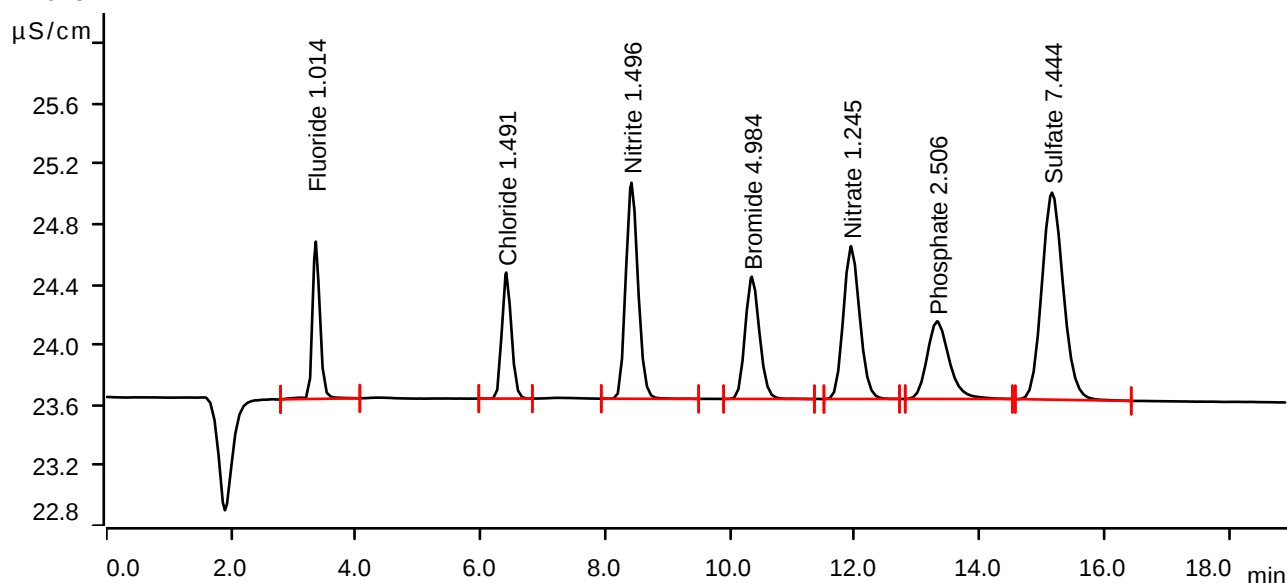
Sample data

Ident STD4
Sample type Standard 4
Determination start 2025-11-03 17:47:32 UTC-5
Method IC1-110325
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	3.358	0.1450	1.044	1.014	Fluoride
2	6.412	0.1479	0.837	1.491	Chloride
3	8.420	0.3271	1.434	1.496	Nitrite
4	10.348	0.2164	0.811	4.984	Bromide
5	11.940	0.3084	1.014	1.245	Nitrate
6	13.320	0.2117	0.516	2.506	Phosphate
7	15.162	0.5487	1.374	7.444	Sulfate

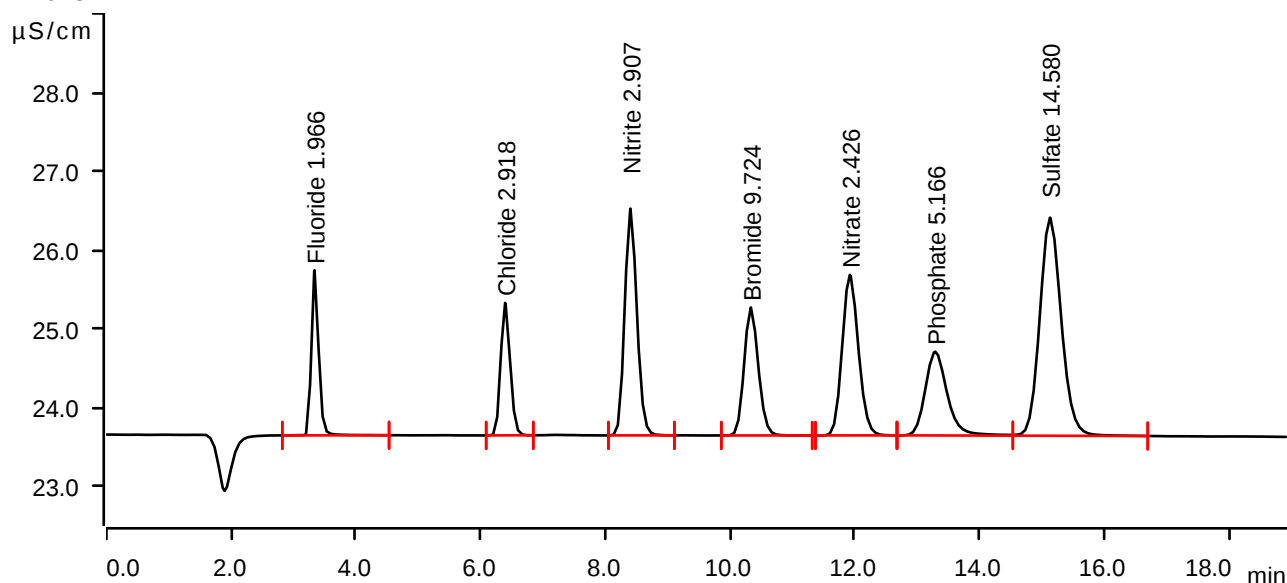
Sample data

Ident STD5
Sample type Standard 5
Determination start 2025-11-03 18:08:59 UTC-5
Method IC1-110325
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	3.338	0.2845	2.095	1.966	Fluoride
2	6.393	0.2963	1.681	2.918	Chloride
3	8.403	0.6535	2.878	2.907	Nitrite
4	10.332	0.4304	1.624	9.724	Bromide
5	11.920	0.6163	2.038	2.426	Nitrate
6	13.290	0.4342	1.063	5.166	Phosphate
7	15.128	1.1075	2.767	14.580	Sulfate

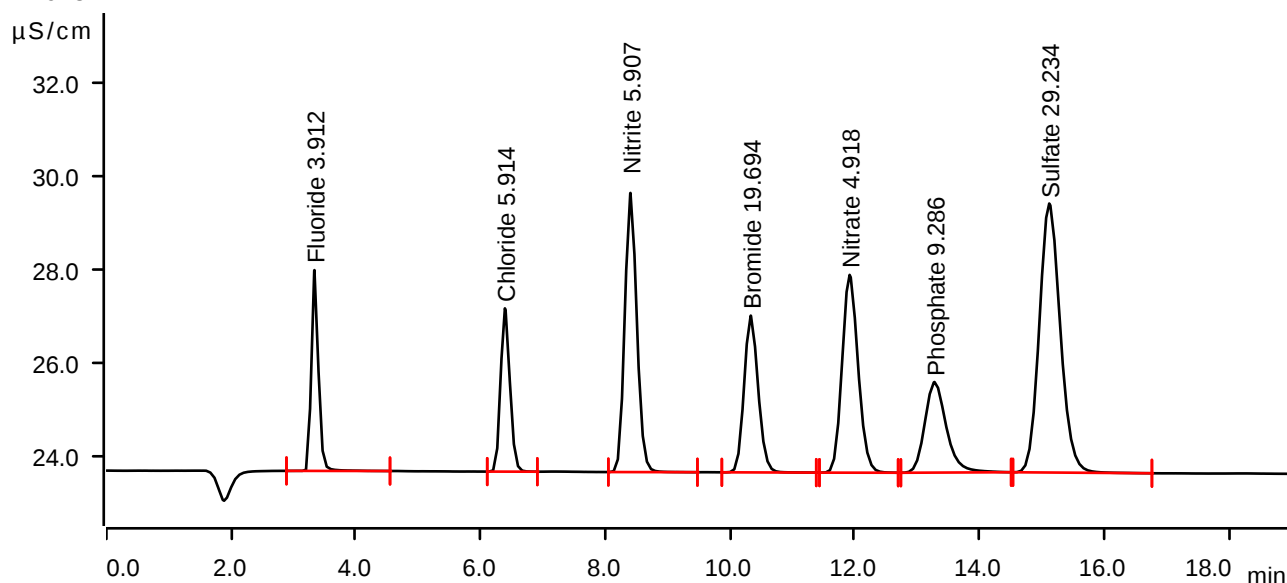
Sample data

Ident STD6
Sample type Standard 6
Determination start 2025-11-03 18:30:25 UTC-5
Method IC1-110325
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	3.337	0.5698	4.312	3.912	Fluoride
2	6.390	0.6080	3.506	5.914	Chloride
3	8.403	1.3473	5.995	5.907	Nitrite
4	10.330	0.8806	3.367	19.694	Bromide
5	11.917	1.2665	4.248	4.918	Nitrate
6	13.278	0.7790	1.945	9.286	Phosphate
7	15.117	2.2550	5.777	29.234	Sulfate

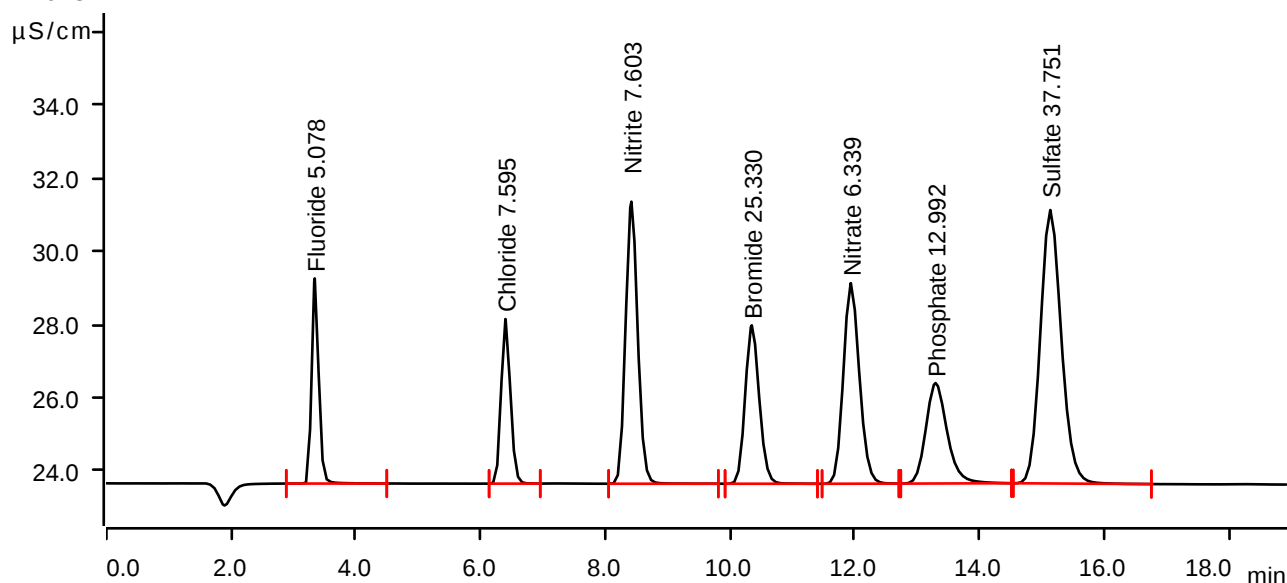
Sample data

Ident STD7
Sample type Standard 7
Determination start 2025-11-03 18:51:52 UTC-5
Method IC1-110325
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	3.342	0.7408	5.606	5.078	Fluoride
2	6.398	0.7828	4.499	7.595	Chloride
3	8.418	1.7395	7.709	7.603	Nitrite
4	10.348	1.1352	4.330	25.330	Bromide
5	11.937	1.6370	5.482	6.339	Nitrate
6	13.295	1.0891	2.746	12.992	Phosphate
7	15.133	2.9220	7.473	37.751	Sulfate

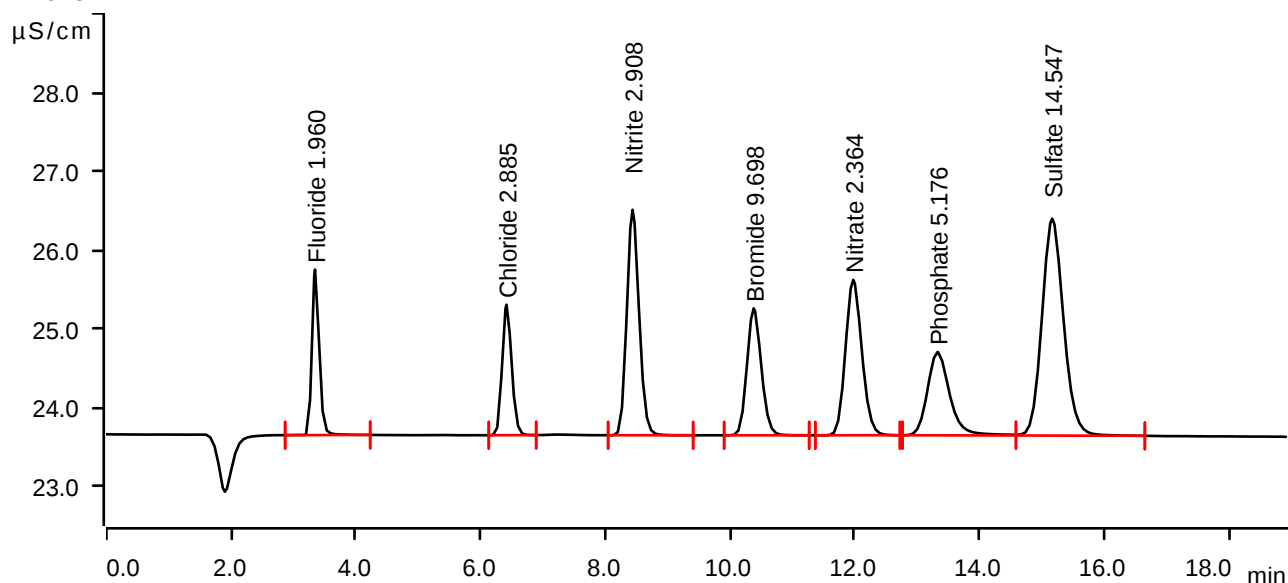
Sample data

Ident ICV
Sample type Check standard 1
Determination start 2025-11-03 19:13:20 UTC-5
Method IC1-110325
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



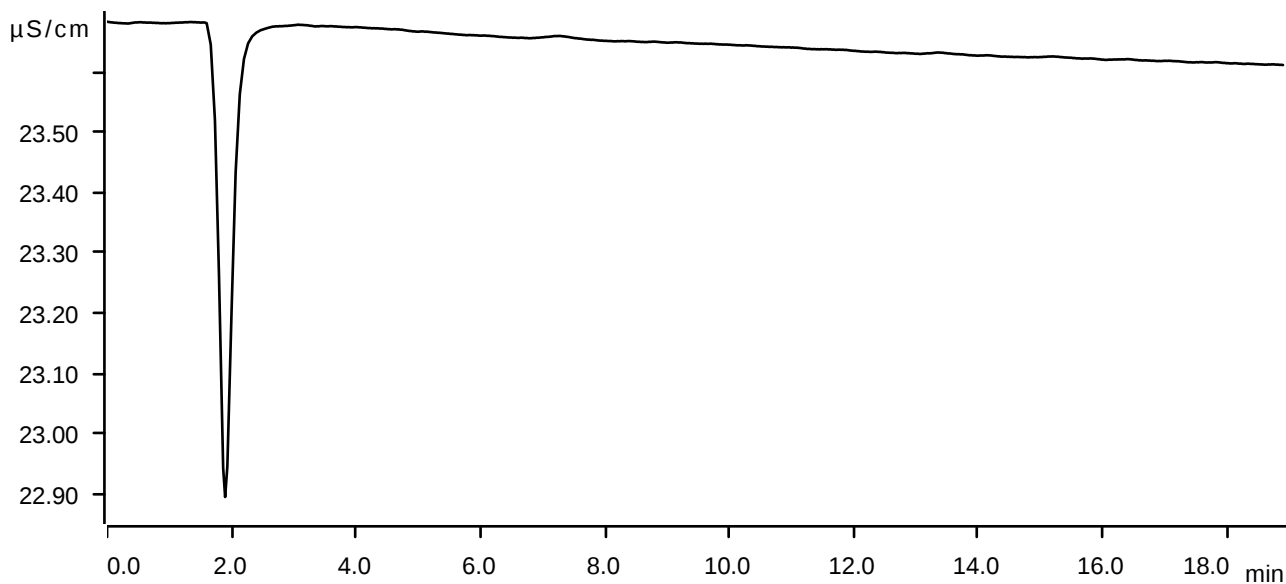
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.347	0.2837	2.100	1.960	Fluoride
2	6.417	0.2929	1.656	2.885	Chloride
3	8.437	0.6536	2.862	2.908	Nitrite
4	10.378	0.4292	1.611	9.698	Bromide
5	11.975	0.6003	1.973	2.364	Nitrate
6	13.327	0.4351	1.058	5.176	Phosphate
7	15.165	1.1050	2.753	14.547	Sulfate

Sample data

Ident ICB
Sample type Sample
Determination start 2025-11-03 19:34:48 UTC-5
Method IC1-110325
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

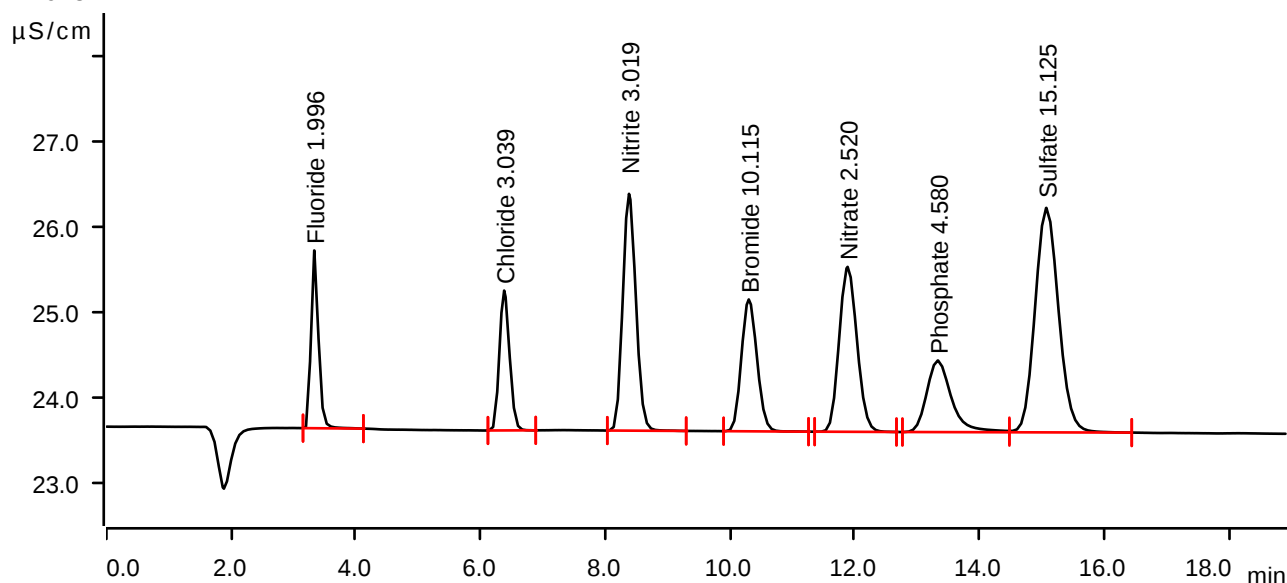
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-11-06 09:15:57 UTC-5
Method IC1-110325
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 12.22 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	3.333	0.2889	2.082	1.996	Fluoride
2	6.378	0.3090	1.638	3.039	Chloride
3	8.380	0.6794	2.774	3.019	Nitrite
4	10.300	0.4480	1.545	10.115	Bromide
5	11.885	0.6410	1.932	2.520	Nitrate
6	13.330	0.3852	0.839	4.580	Phosphate
7	15.072	1.1502	2.630	15.125	Sulfate

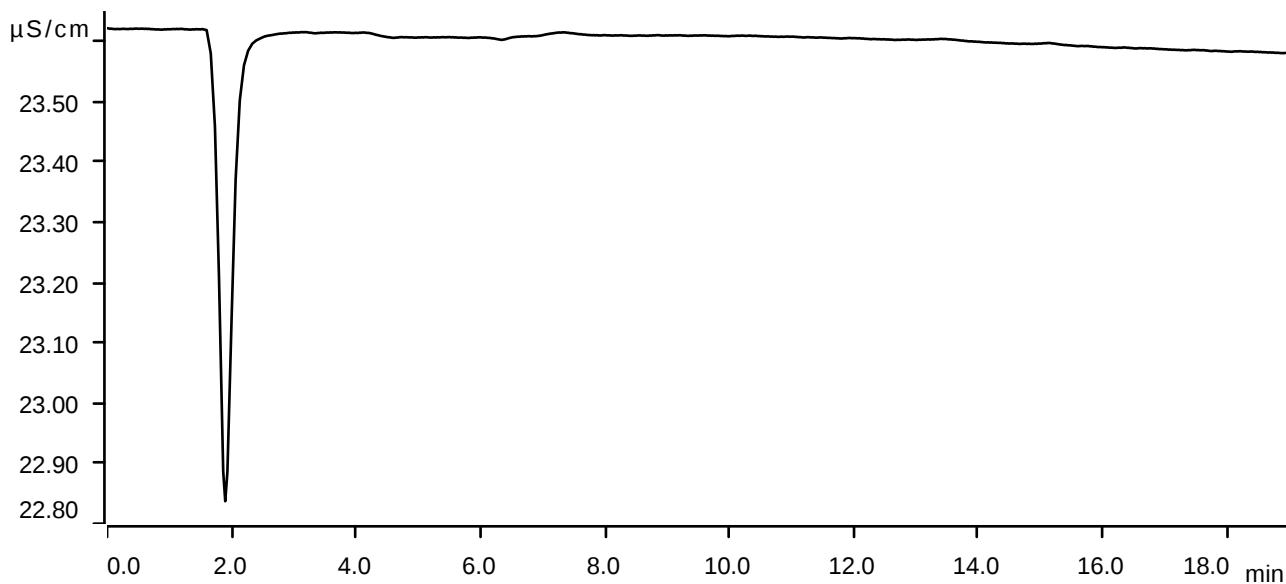
Sample data

Ident CCB
Sample type Sample
Determination start 2025-11-06 09:37:28 UTC-5
Method IC1-110325
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

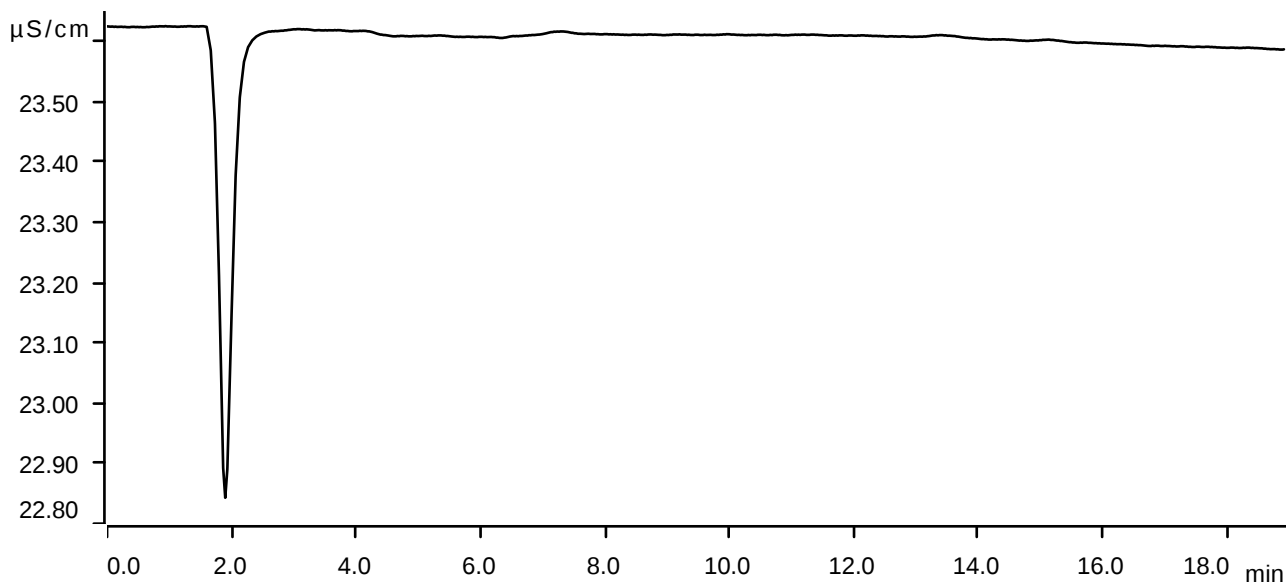


Sample data

Ident LB137803BLW
Sample type Sample
Determination start 2025-11-06 09:58:59 UTC-5
Method IC1-110325
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

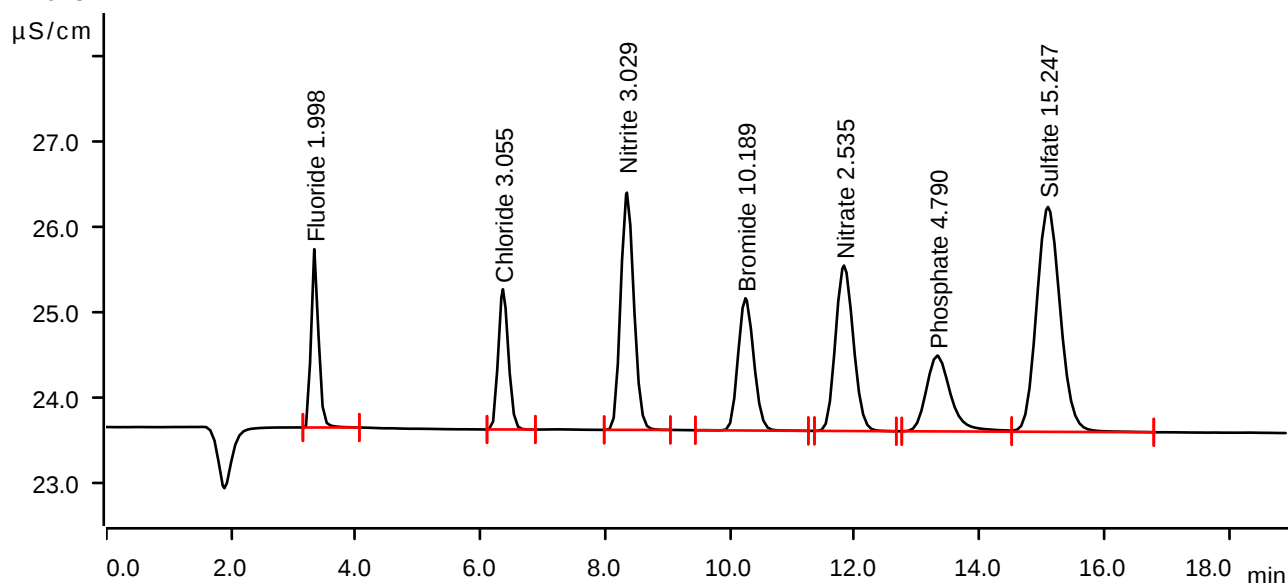
Sample data

Ident LB137803BSW
Sample type Check standard 1
Determination start 2025-11-06 10:20:30 UTC-5
Method IC1-110325
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 12.22 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	3.335	0.2893	2.089	1.998	Fluoride
2	6.358	0.3106	1.643	3.055	Chloride
3	8.347	0.6816	2.779	3.029	Nitrite
4	10.247	0.4514	1.549	10.189	Bromide
5	11.827	0.6450	1.938	2.535	Nitrate
6	13.323	0.4028	0.888	4.790	Phosphate
7	15.097	1.1597	2.634	15.247	Sulfate

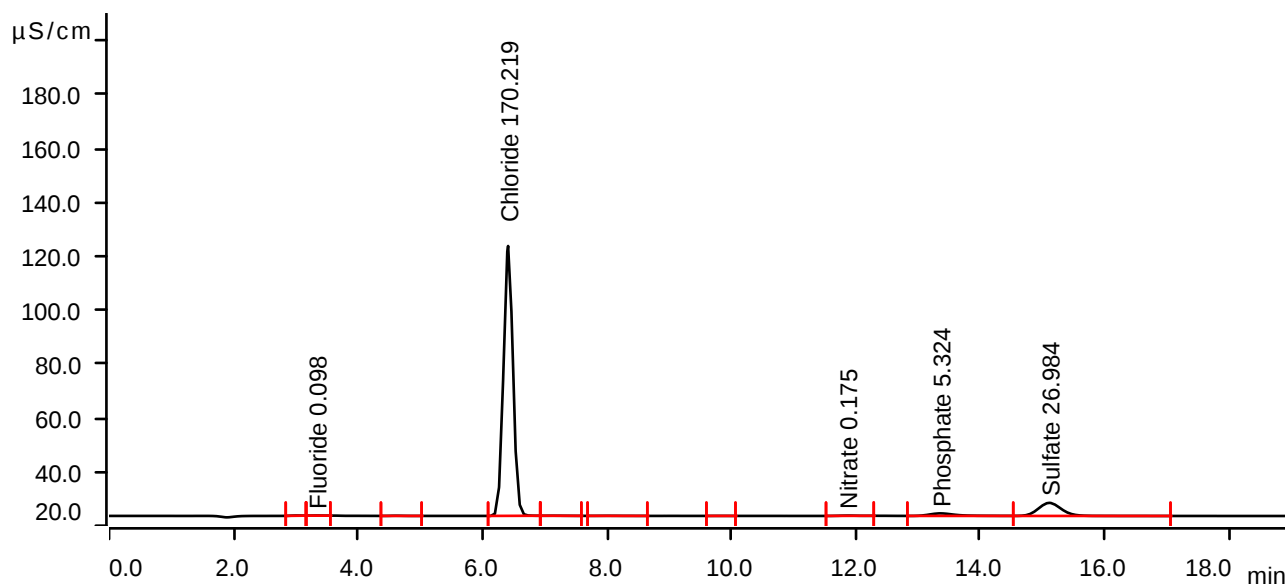
Sample data

Ident Q3551-04
Sample type Sample
Determination start 2025-11-06 10:46:31 UTC-5
Method IC1-110325
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 ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.003	0.0154	0.092	invalid	
2	3.332	0.0108	0.057	0.098	Fluoride
3	4.610	0.0144	0.069	invalid	
4	6.413	17.6974	100.095	170.219	Chloride
5	7.153	0.0099	0.030	invalid	
6	8.012	0.0145	0.035	invalid	
7	9.842	0.0024	0.010	invalid	
8	11.878	0.0292	0.099	0.175	Nitrate
9	13.358	0.4475	0.938	5.324	Phosphate
10	15.110	2.0789	4.853	26.984	Sulfate

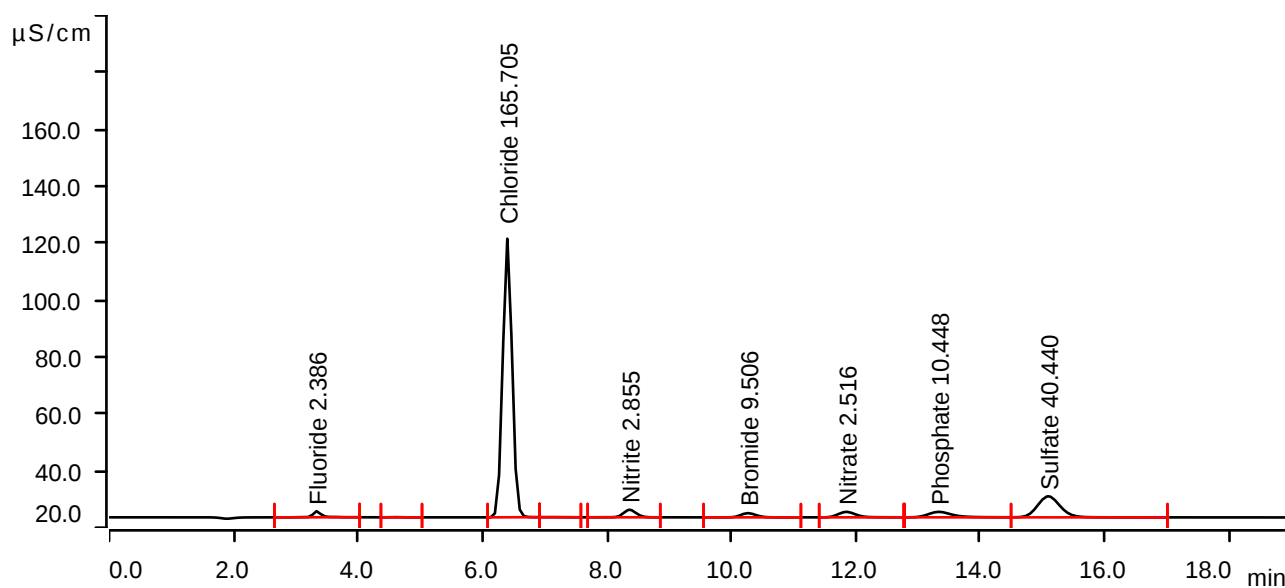
Sample data

Ident Q3551-04MS
Sample type Sample
Determination start 2025-11-06 11:09:56 UTC-5
Method IC1-110325
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 12.22 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	3.335	0.3461	2.136	2.386	Fluoride
2	4.602	0.0141	0.067	invalid	
3	6.402	17.2279	97.891	165.705	Chloride
4	7.132	0.0098	0.029	invalid	
5	8.365	0.6414	2.658	2.855	Nitrite
6	10.268	0.4205	1.479	9.506	Bromide
7	11.848	0.6399	1.925	2.516	Nitrate
8	13.335	0.8763	1.931	10.448	Phosphate
9	15.093	3.1326	7.410	40.440	Sulfate

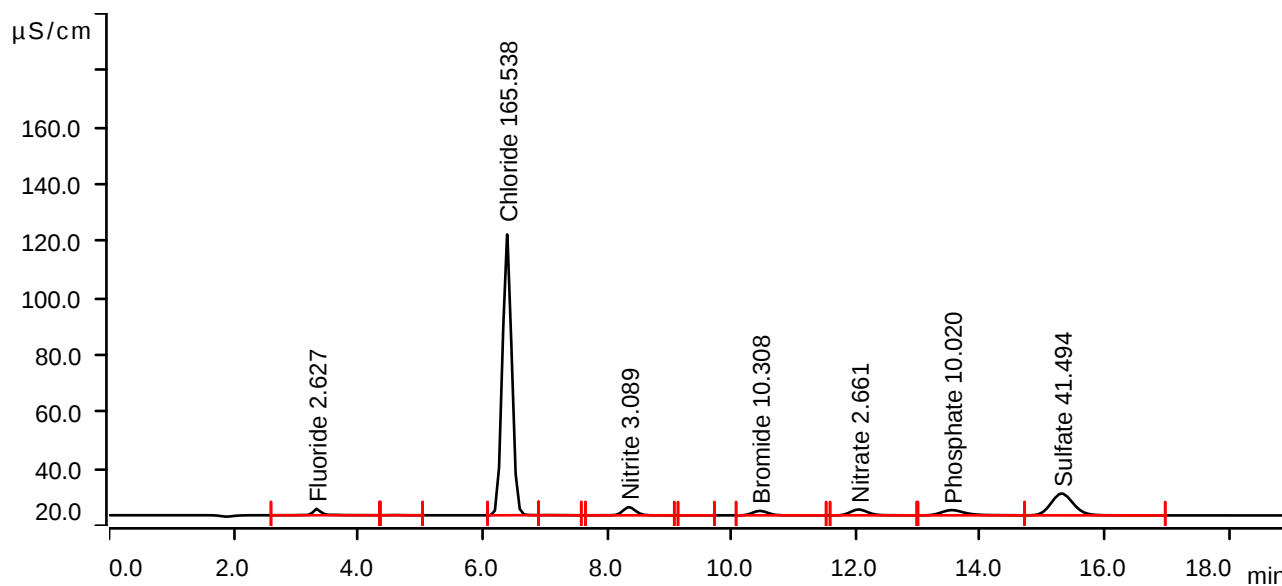
Sample data

Ident Q3551-04MSD
Sample type Sample
Determination start 2025-11-06 11:31:31 UTC-5
Method IC1-110325
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 ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.335	0.3814	2.258	2.627	Fluoride
2	4.600	0.0141	0.067	invalid	
3	6.397	17.2106	98.683	165.538	Chloride
4	7.123	0.0100	0.029	invalid	
5	8.355	0.6956	2.872	3.089	Nitrite
6	9.355	0.0034	0.011	invalid	
7	10.460	0.4568	1.571	10.308	Bromide
8	12.047	0.6776	2.060	2.661	Nitrate
9	13.542	0.8405	1.850	10.020	Phosphate
10	15.308	3.2151	7.676	41.494	Sulfate

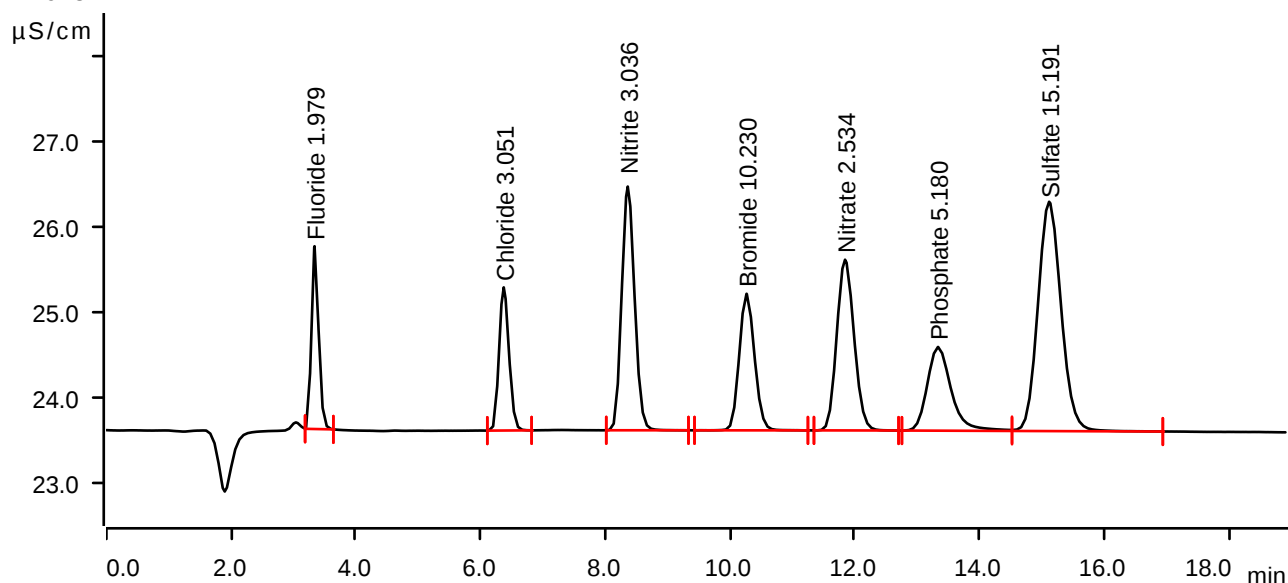
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-11-06 12:01:52 UTC-5
Method IC1-110325
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	3.338	0.2864	2.141	1.979	Fluoride
2	6.372	0.3102	1.677	3.051	Chloride
3	8.360	0.6833	2.855	3.036	Nitrite
4	10.263	0.4533	1.600	10.230	Bromide
5	11.843	0.6446	2.000	2.534	Nitrate
6	13.333	0.4354	0.981	5.180	Phosphate
7	15.115	1.1554	2.686	15.191	Sulfate

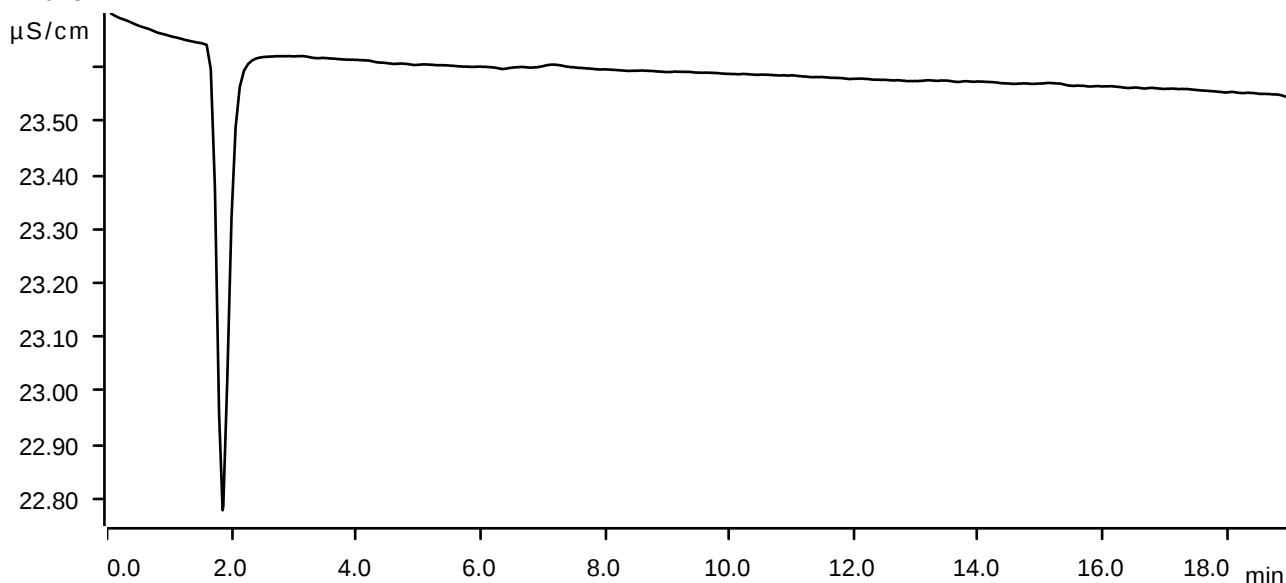
Sample data

Ident CCB
Sample type Sample
Determination start 2025-11-06 12:25:12 UTC-5
Method IC1-110325
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 12.22 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



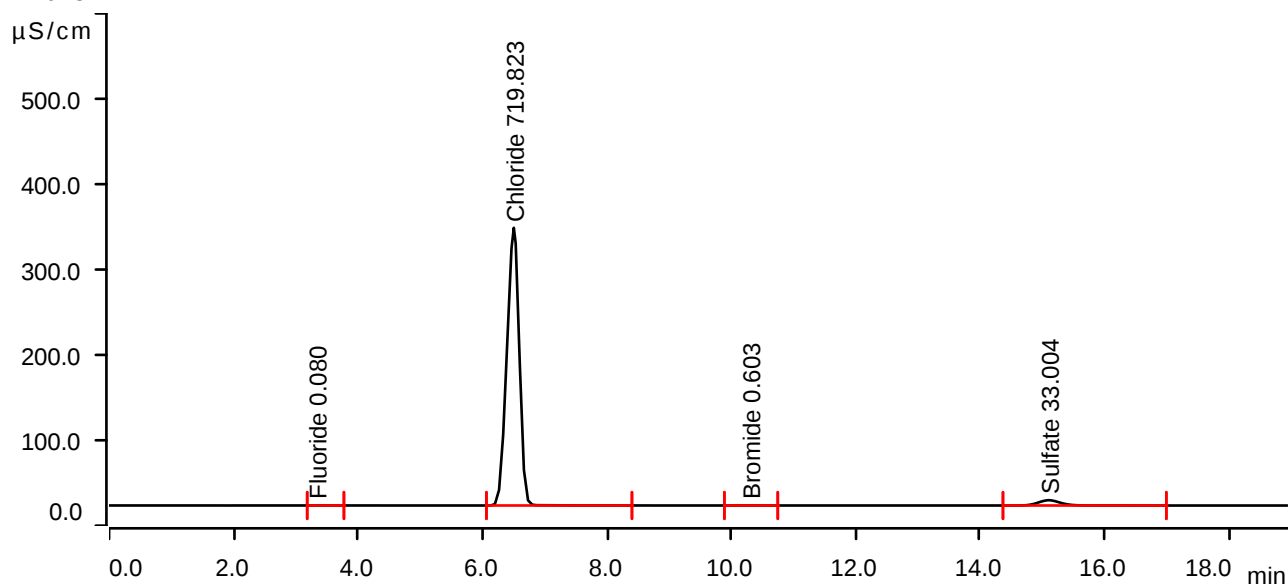
Sample data

Ident Q3560-01
Sample type Sample
Determination start 2025-11-06 15:13:01 UTC-5
Method IC1-110325
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	3.332	0.0081	0.056	0.080	Fluoride
2	6.505	74.8622	325.318	719.823	Chloride
3	10.302	0.0185	0.068	0.603	Bromide
4	15.100	2.5503	6.217	33.004	Sulfate

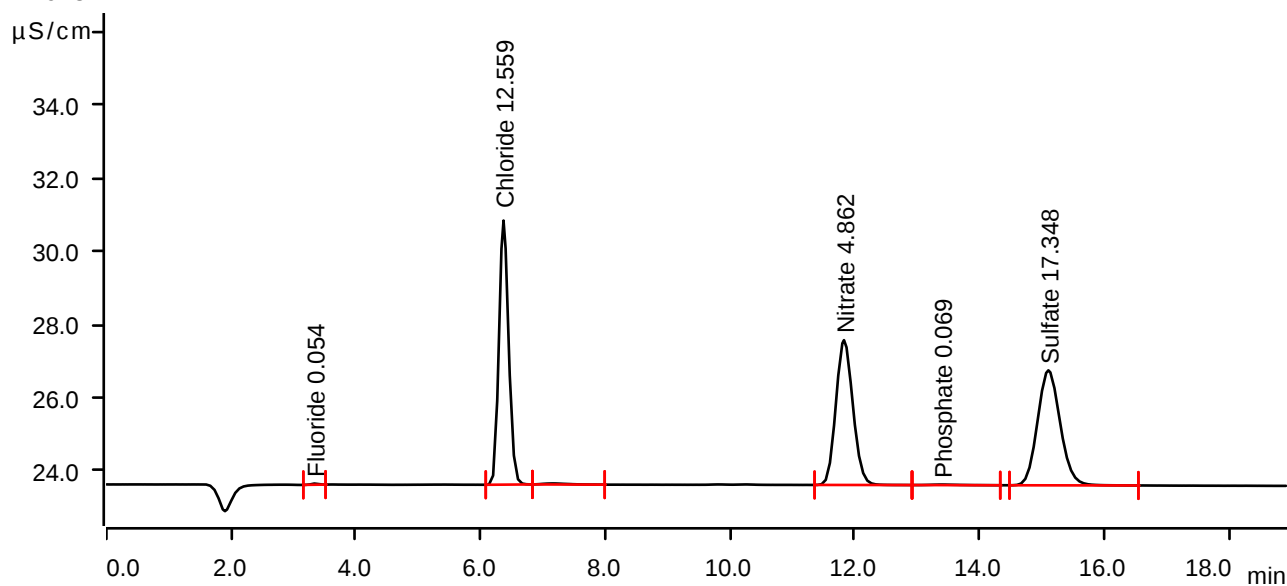
Sample data

Ident Q3560-03
Sample type Sample
Determination start 2025-11-06 15:34:41 UTC-5
Method IC1-110325
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	3.338	0.0043	0.032	0.054	Fluoride
2	6.368	1.2992	7.218	12.559	Chloride
3	7.153	0.0125	0.028	invalid	
4	11.827	1.2517	3.958	4.862	Nitrate
5	13.395	0.0078	0.015	0.069	Phosphate
6	15.103	1.3243	3.143	17.348	Sulfate

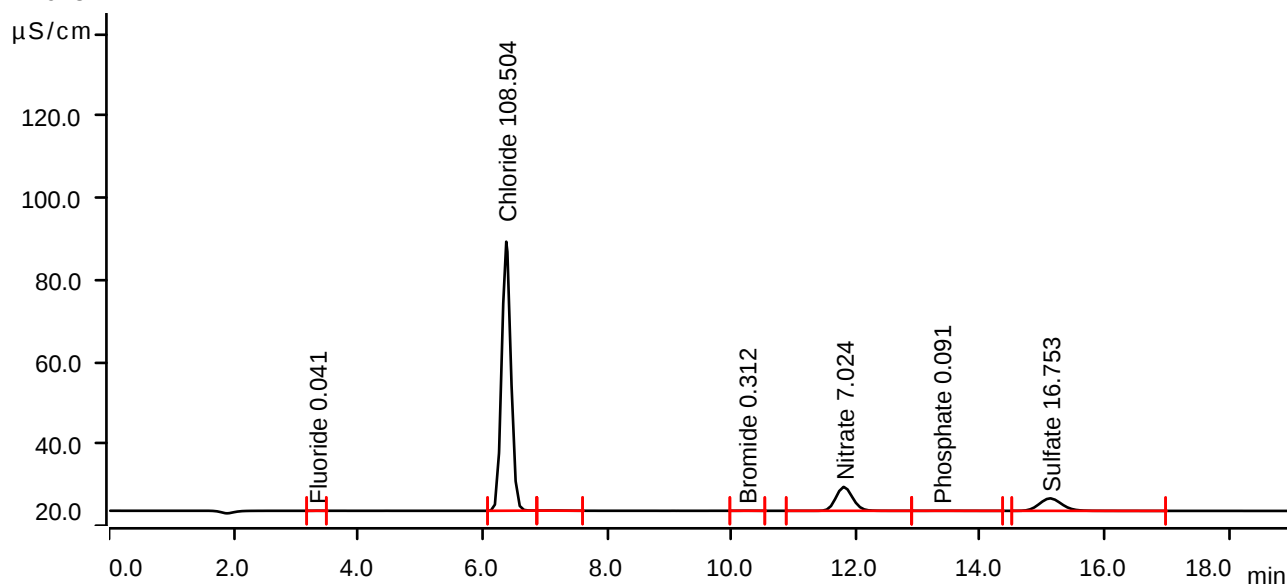
Sample data

Ident Q3560-05
Sample type Sample
Determination start 2025-11-06 15:56:16 UTC-5
Method IC1-110325
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	3.342	0.0024	0.018	0.041	Fluoride
2	6.383	11.2784	65.655	108.504	Chloride
3	7.078	0.0102	0.029	invalid	
4	10.245	0.0054	0.021	0.312	Bromide
5	11.808	1.8159	5.821	7.024	Nitrate
6	13.372	0.0096	0.019	0.091	Phosphate
7	15.123	1.2777	3.042	16.753	Sulfate

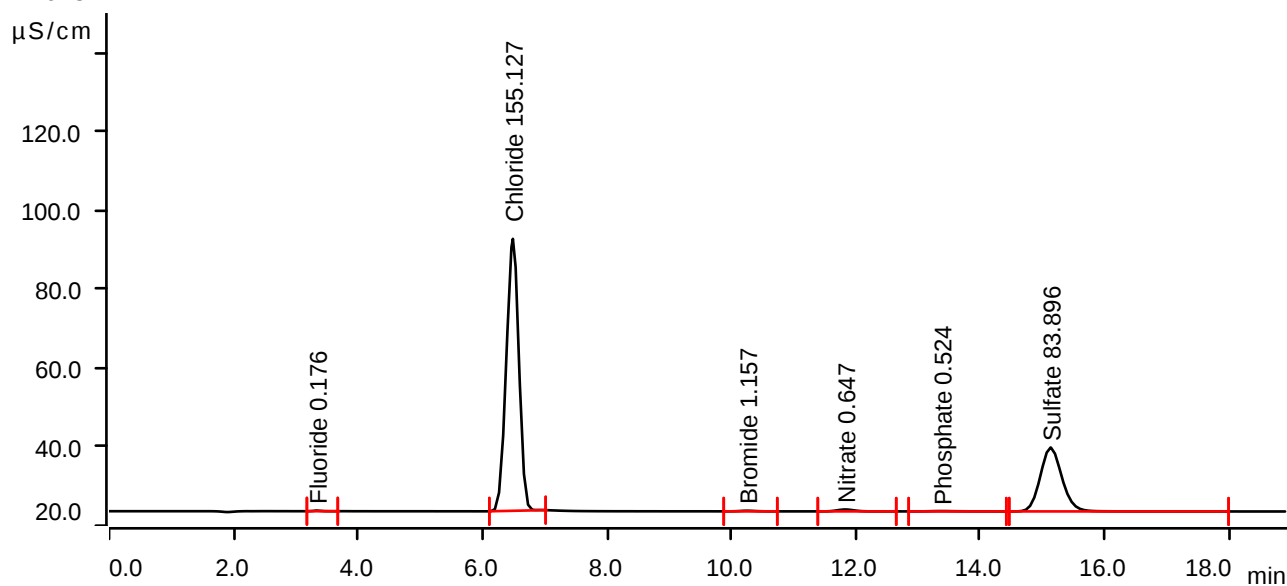
Sample data

Ident Q3560-07
Sample type Sample
Determination start 2025-11-06 16:17:50 UTC-5
Method IC1-110325
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	3.338	0.0222	0.163	0.176	Fluoride
2	6.490	16.1278	69.027	155.127	Chloride
3	10.253	0.0435	0.157	1.157	Bromide
4	11.830	0.1523	0.482	0.647	Nitrate
5	13.377	0.0458	0.090	0.524	Phosphate
6	15.130	6.5355	16.221	83.896	Sulfate

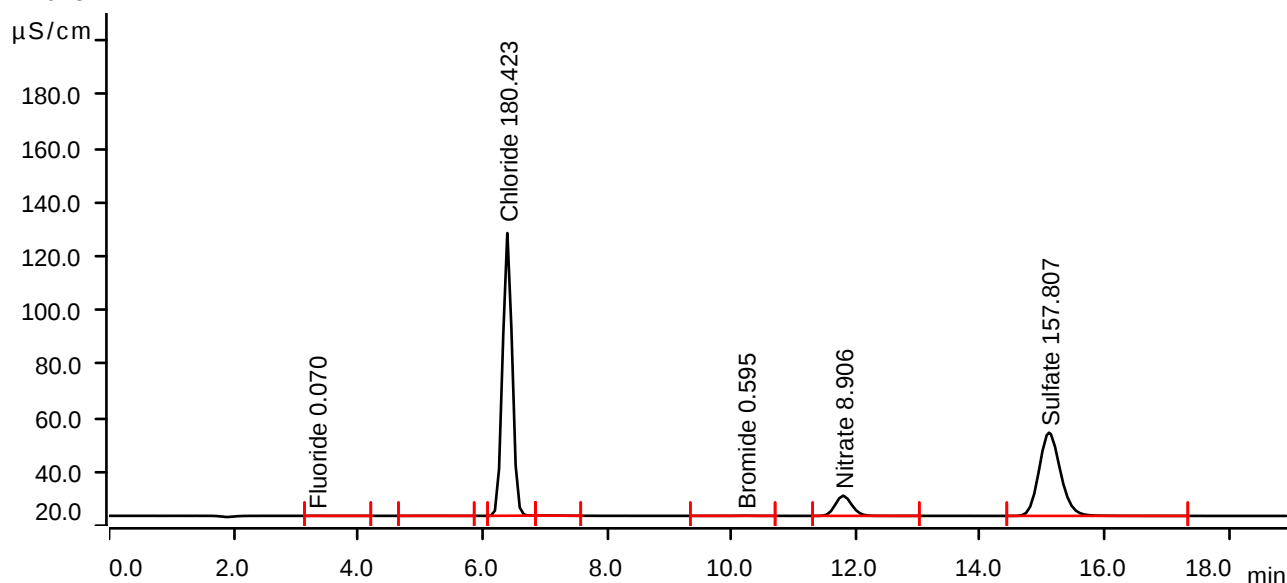
Sample data

Ident Q3560-09
Sample type Sample
Determination start 2025-11-06 16:39:24 UTC-5
Method IC1-110325
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	3.338	0.0066	0.028	0.070	Fluoride
2	5.182	0.0068	0.011	invalid	
3	6.402	18.7588	104.859	180.423	Chloride
4	7.040	0.0174	0.051	invalid	
5	10.227	0.0181	0.060	0.595	Bromide
6	11.797	2.3067	7.484	8.906	Nitrate
7	15.105	12.3234	30.861	157.807	Sulfate

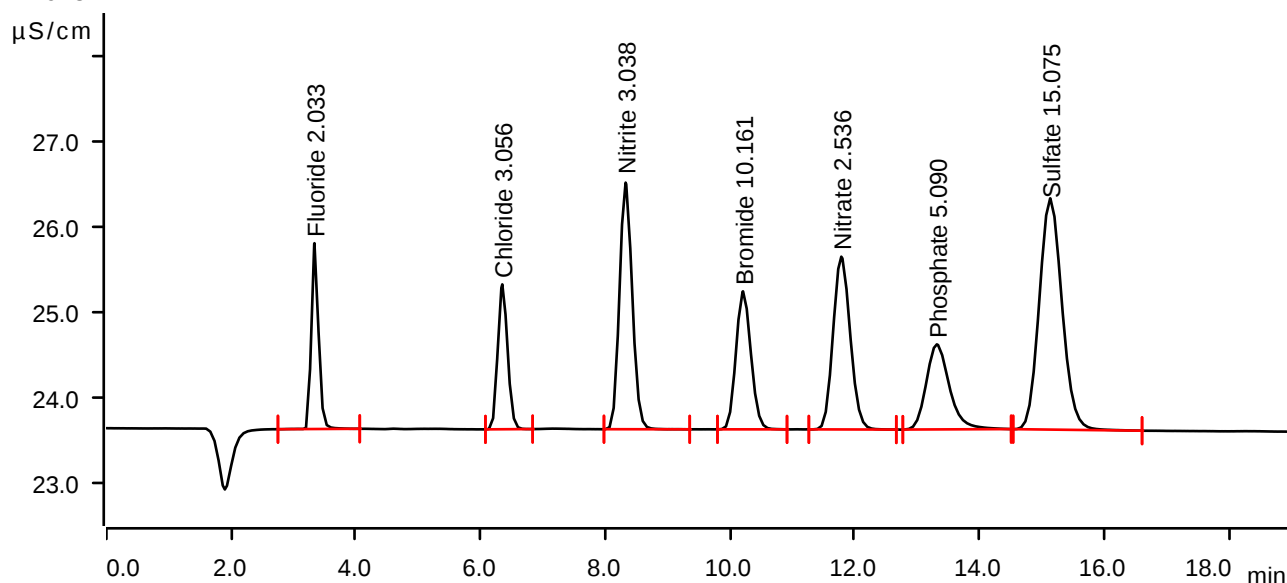
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-11-06 17:00:56 UTC-5
Method IC1-110325
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



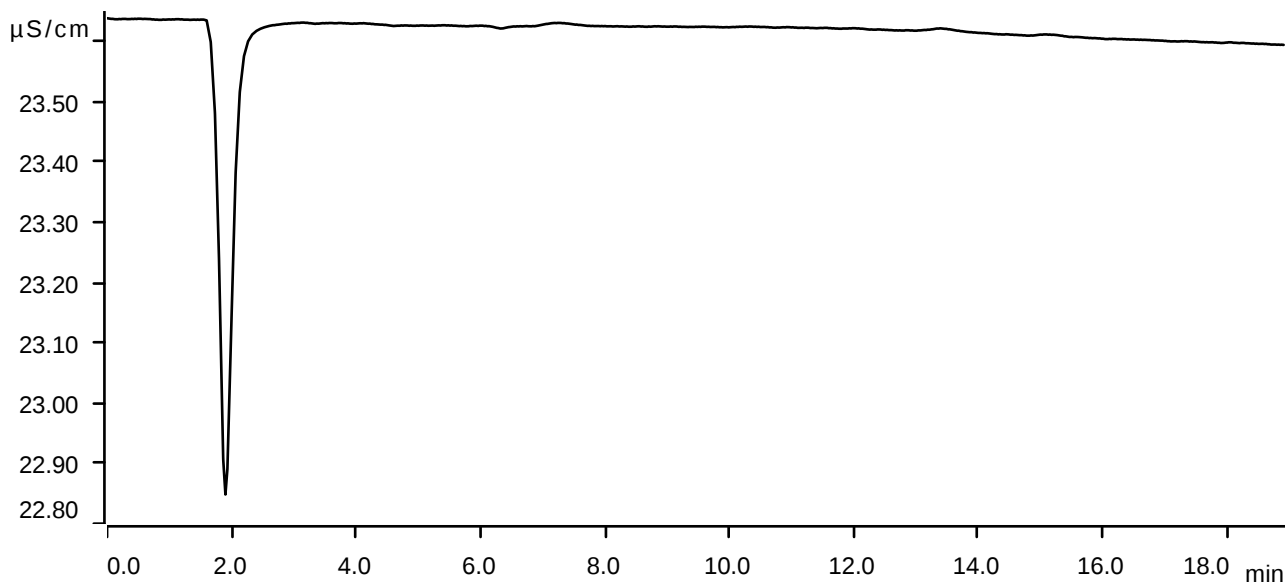
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.337	0.2944	2.176	2.033	Fluoride
2	6.348	0.3107	1.697	3.056	Chloride
3	8.325	0.6838	2.889	3.038	Nitrite
4	10.208	0.4501	1.616	10.161	Bromide
5	11.783	0.6452	2.024	2.536	Nitrate
6	13.315	0.4279	0.996	5.090	Phosphate
7	15.132	1.1463	2.709	15.075	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-11-06 17:43:57 UTC-5
Method IC1-110325
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

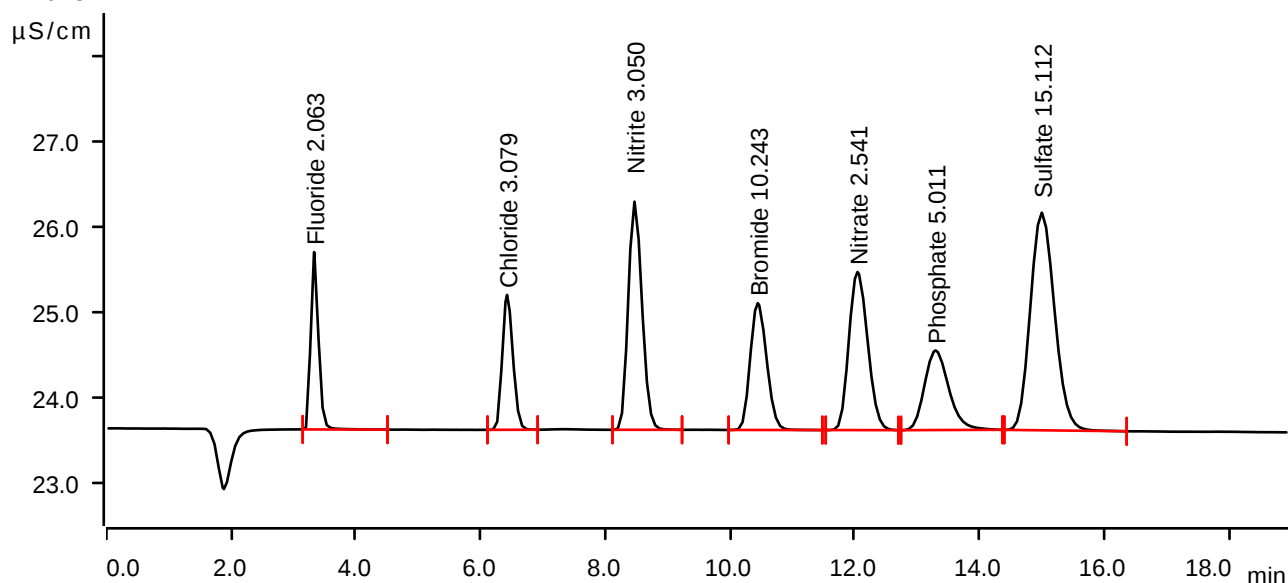
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-11-07 09:00:44 UTC-5
Method IC1-110325
Operator

Anions

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

Anions



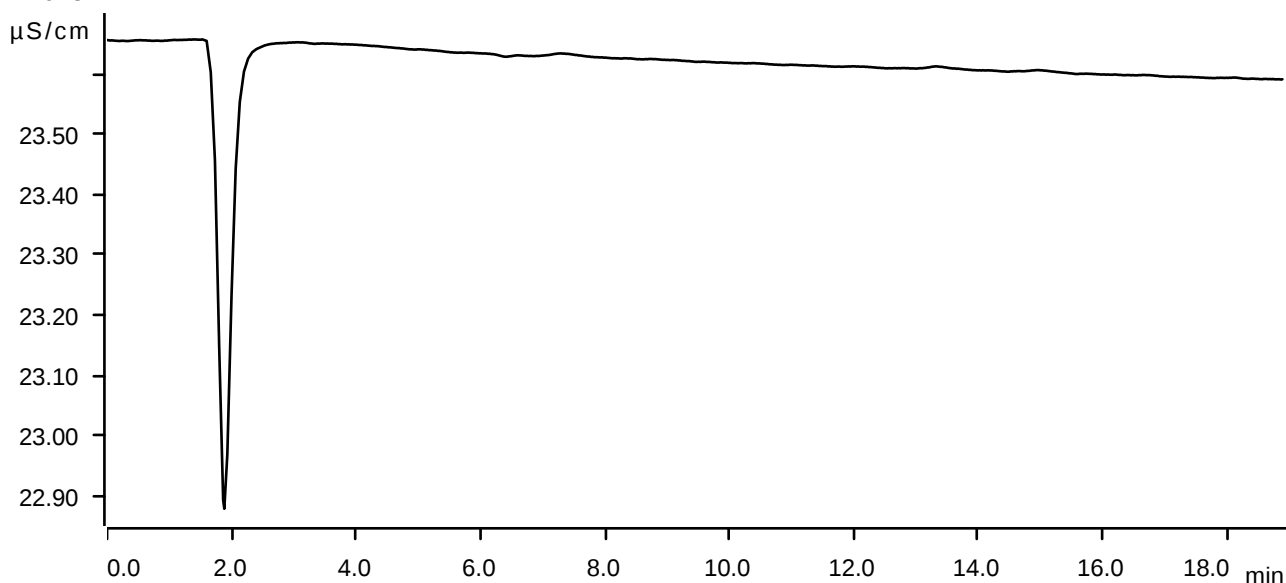
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.330	0.2988	2.078	2.063	Fluoride
2	6.425	0.3131	1.580	3.079	Chloride
3	8.468	0.6866	2.672	3.050	Nitrite
4	10.445	0.4538	1.486	10.243	Bromide
5	12.043	0.6463	1.852	2.541	Nitrate
6	13.295	0.4213	0.932	5.011	Phosphate
7	14.997	1.1492	2.549	15.112	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-11-07 09:22:15 UTC-5
Method IC1-110325
Operator

Anions

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

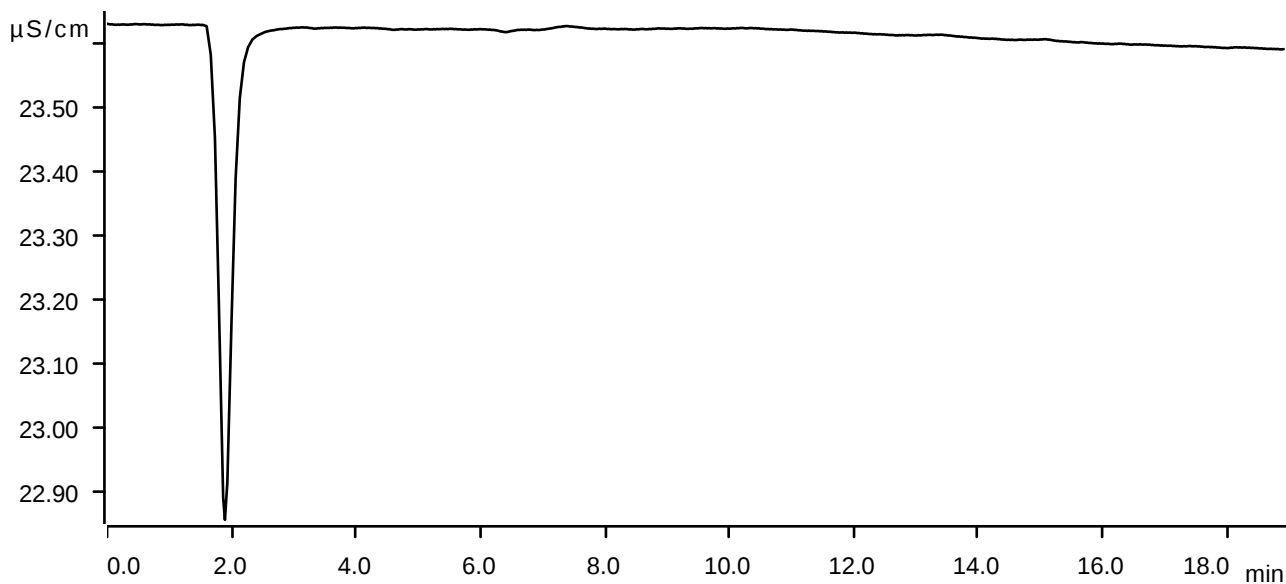
Anions

Sample data

Ident LB137803BLW2
Sample type Sample
Determination start 2025-11-07 09:43:46 UTC-5
Method IC1-110325
Operator

Anions

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

Anions

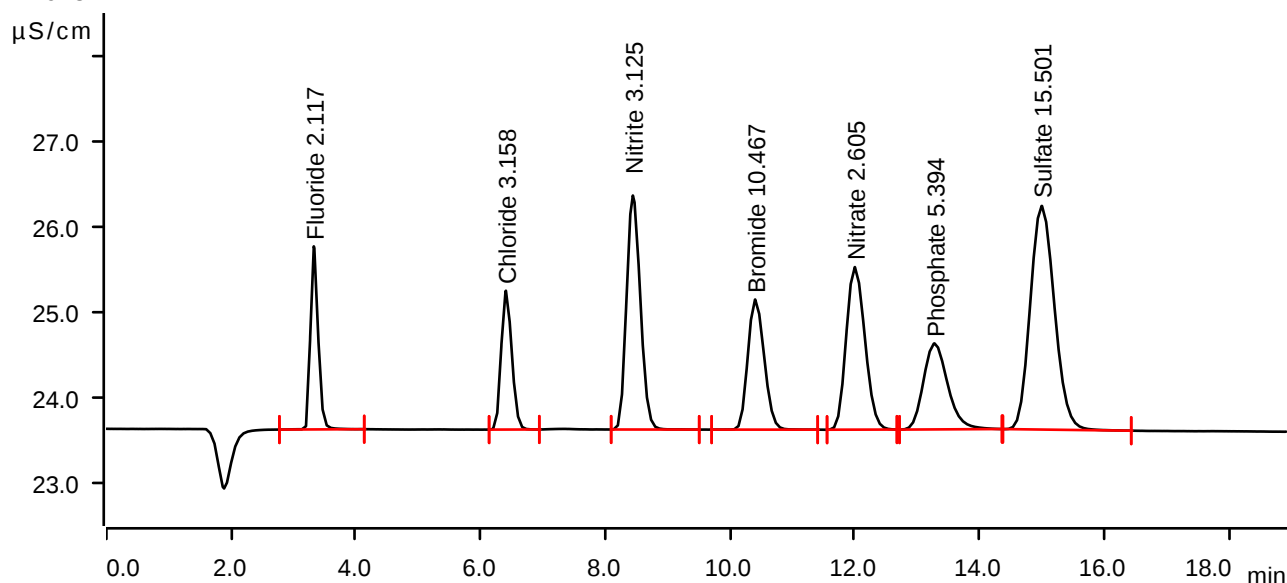
Sample data

Ident LB137803BSW2
Sample type Check standard 1
Determination start 2025-11-07 10:05:17 UTC-5
Method IC1-110325
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.327	0.3067	2.144	2.117	Fluoride
2	6.407	0.3213	1.626	3.158	Chloride
3	8.442	0.7038	2.741	3.125	Nitrite
4	10.403	0.4640	1.524	10.467	Bromide
5	12.000	0.6630	1.904	2.605	Nitrate
6	13.278	0.4534	1.007	5.394	Phosphate
7	14.995	1.1796	2.620	15.501	Sulfate

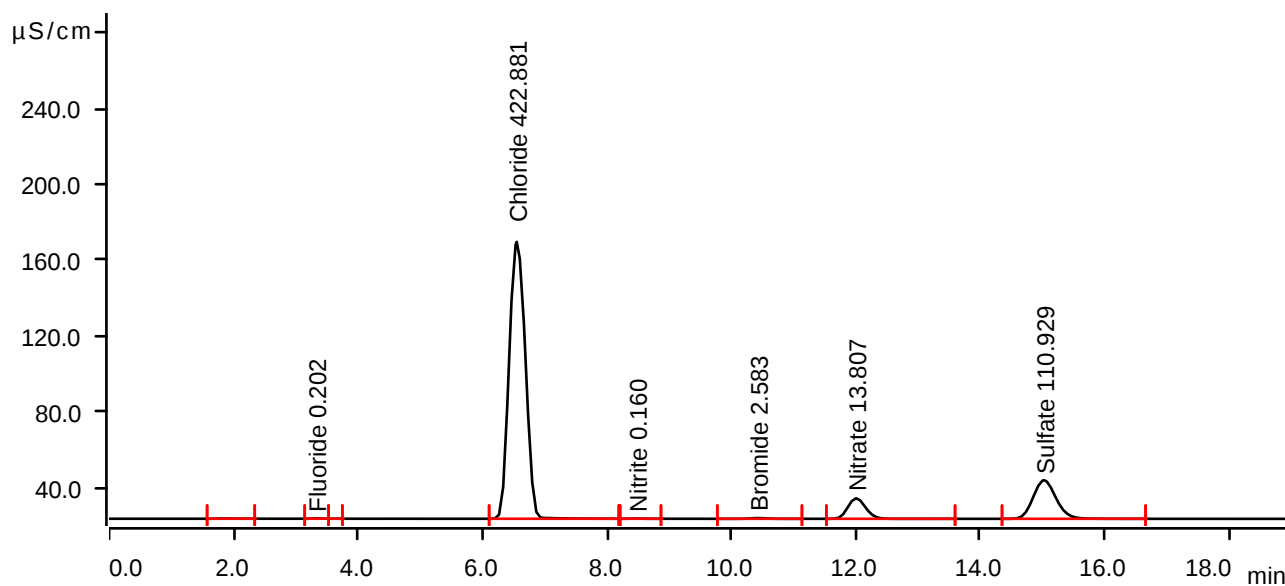
Sample data

Ident Q3569-01
Sample type Check standard 1
Determination start 2025-11-07 10:26:50 UTC-5
Method IC1-110325
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 ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	1.842	0.0352	0.137	invalid	
2	3.327	0.0260	0.184	0.202	Fluoride
3	3.565	0.0012	0.011	invalid	
4	6.552	43.9770	145.993	422.881	Chloride
5	8.478	0.0182	0.074	0.160	Nitrite
6	10.423	0.1079	0.361	2.583	Bromide
7	12.007	3.5852	10.794	13.807	Nitrate
8	15.025	8.6524	20.351	110.929	Sulfate

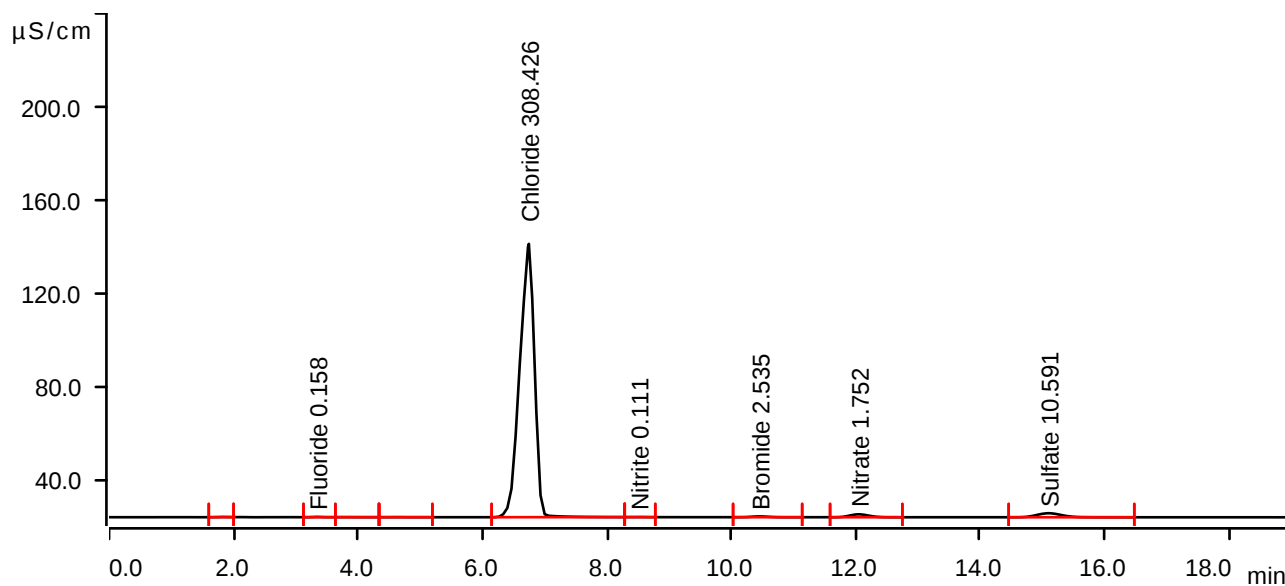
Sample data

Ident Q3569-02
Sample type Sample
Determination start 2025-11-07 10:48:23 UTC-5
Method IC1-110325
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 ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	1.835	0.0130	0.080	invalid	
2	3.343	0.0196	0.114	0.158	Fluoride
3	3.810	0.0082	0.030	invalid	
4	4.625	0.0062	0.028	invalid	
5	6.747	32.0725	117.408	308.426	Chloride
6	8.503	0.0069	0.029	0.111	Nitrite
7	10.453	0.1058	0.344	2.535	Bromide
8	12.047	0.4405	1.252	1.752	Nitrate
9	15.098	0.7952	1.733	10.591	Sulfate

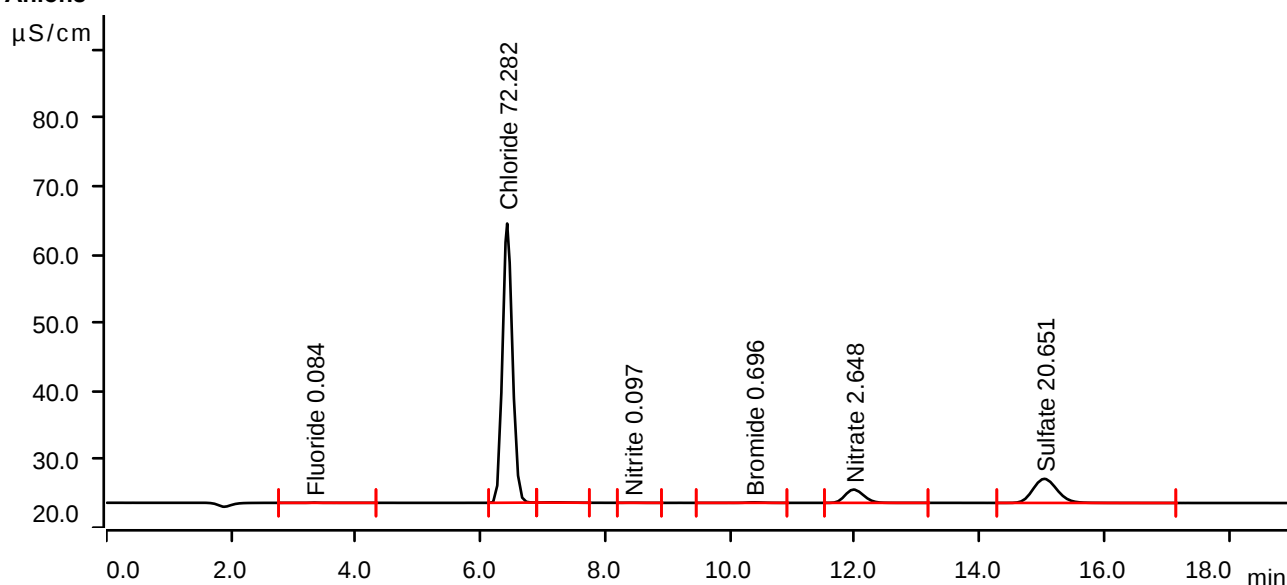
Sample data

Ident Q3569-01DLX5
Sample type Sample
Determination start 2025-11-07 11:09:54 UTC-5
Method IC1-110325
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	3.332	0.0087	0.040	0.084	Fluoride
2	6.427	7.5110	40.881	72.282	Chloride
3	7.157	0.0172	0.044	invalid	
4	8.418	0.0037	0.014	0.097	Nitrite
5	10.383	0.0227	0.072	0.696	Bromide
6	11.982	0.6743	1.946	2.648	Nitrate
7	15.040	1.5830	3.527	20.651	Sulfate

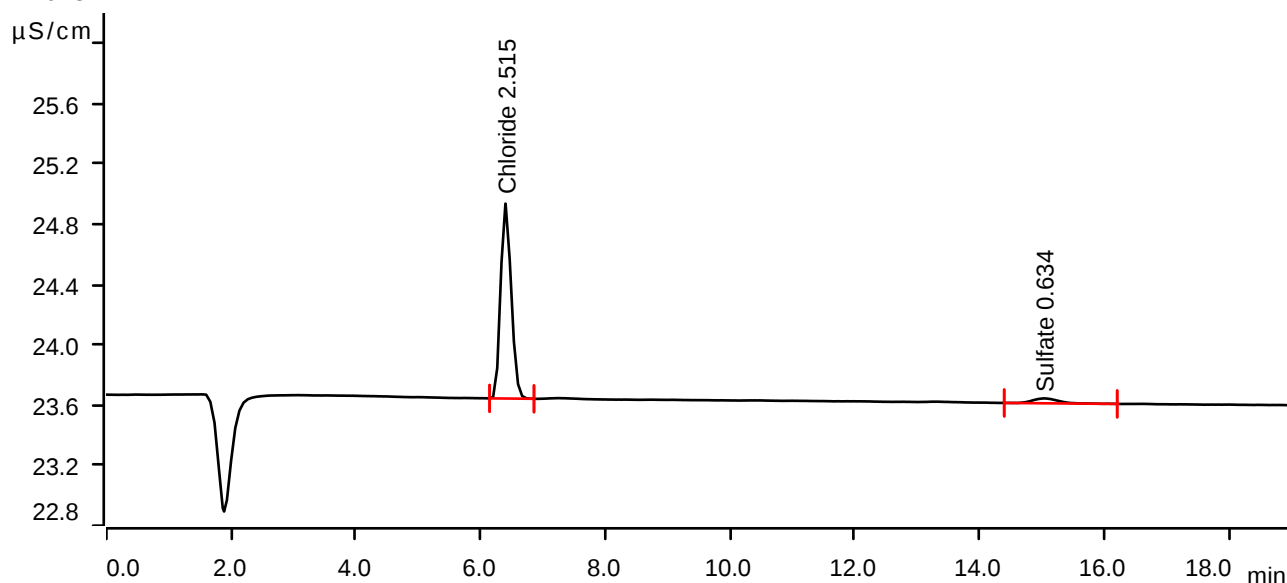
Sample data

Ident Q2560-01DLX200
Sample type Check standard 1
Determination start 2025-11-07 11:31:24 UTC-5
Method IC1-110325
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	6.398	0.2544	1.294	2.515	Chloride
2	15.025	0.0154	0.032	0.634	Sulfate

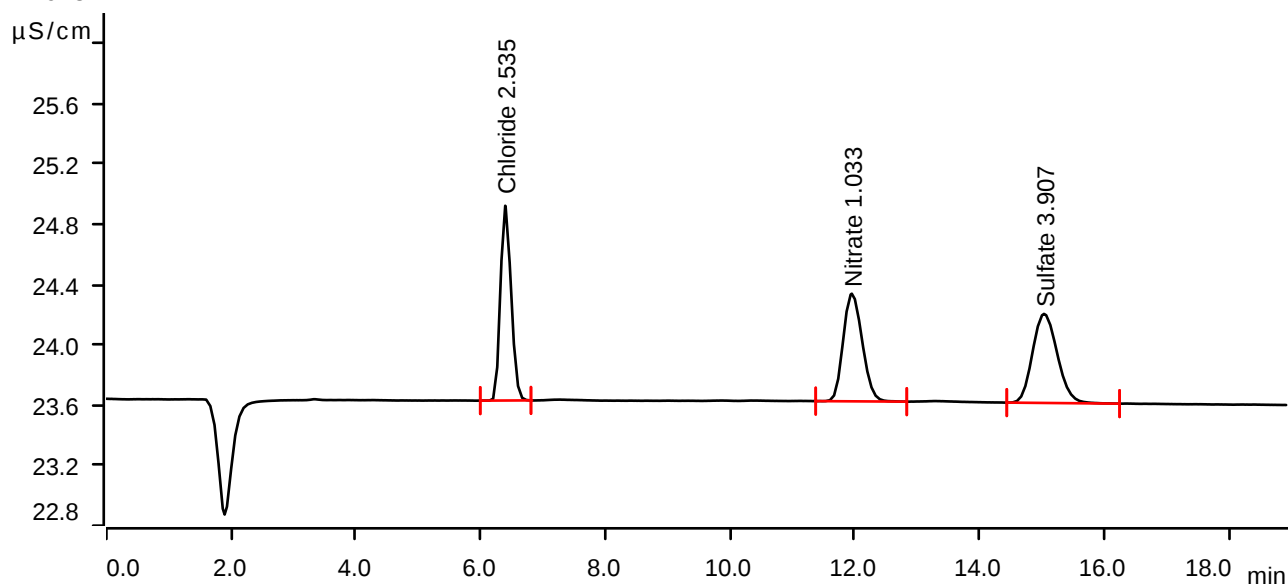
Sample data

Ident Q2560-03DLX5
Sample type Check standard 1
Determination start 2025-11-07 11:52:57 UTC-5
Method IC1-110325
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 12.33 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	6.395	0.2565	1.293	2.535	Chloride
2	11.952	0.2530	0.714	1.033	Nitrate
3	15.033	0.2717	0.591	3.907	Sulfate

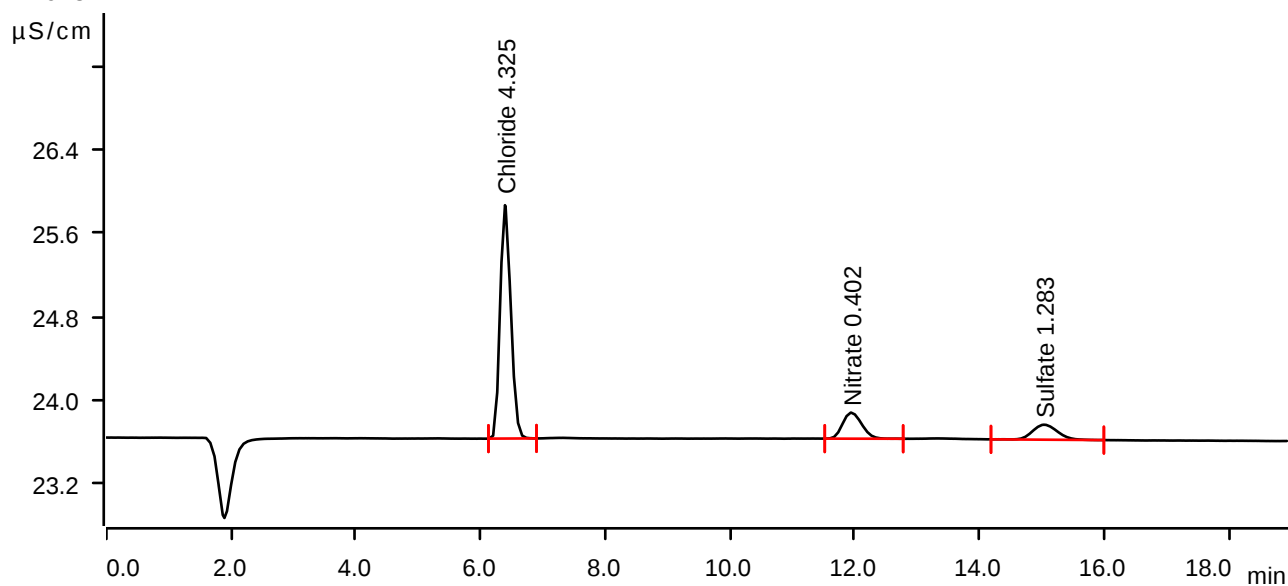
Sample data

Ident Q2560-05DLX20
Sample type Check standard 1
Determination start 2025-11-07 12:14:20 UTC-5
Method IC1-110325
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	6.392	0.4427	2.232	4.325	Chloride
2	11.942	0.0884	0.249	0.402	Nitrate
3	15.030	0.0663	0.143	1.283	Sulfate

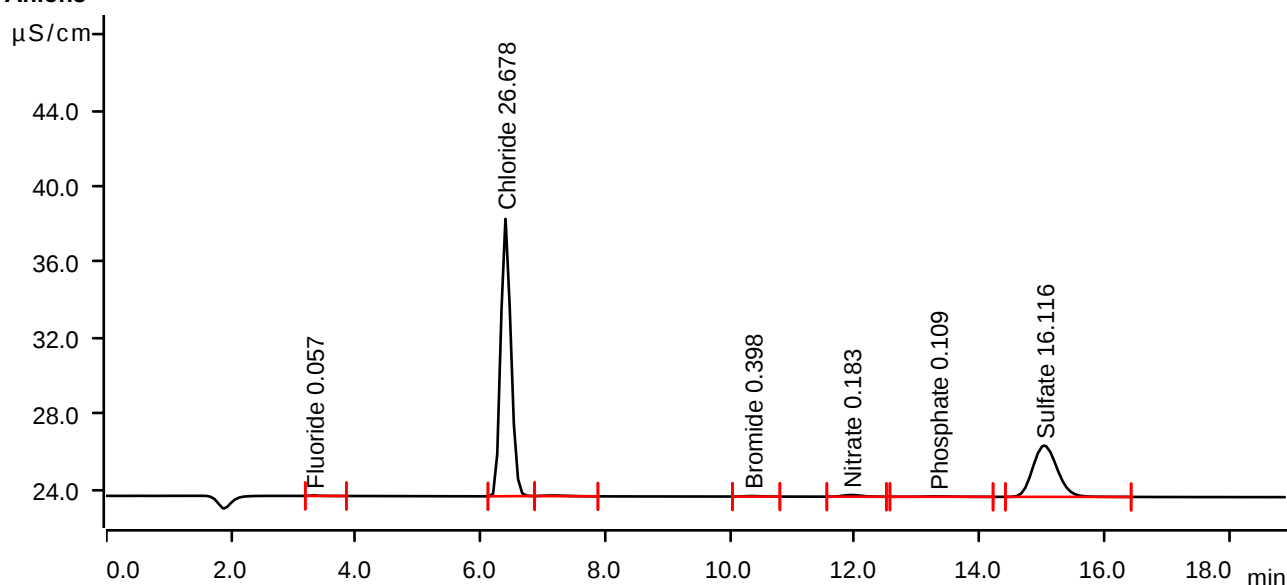
Sample data

Ident Q2560-07DLX5
Sample type Check standard 1
Determination start 2025-11-07 12:35:54 UTC-5
Method IC1-110325
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	3.327	0.0047	0.032	0.057	Fluoride
2	6.398	2.7676	14.617	26.678	Chloride
3	7.150	0.0150	0.035	invalid	
4	10.358	0.0092	0.030	0.398	Bromide
5	11.942	0.0314	0.089	0.183	Nitrate
6	13.283	0.0111	0.021	0.109	Phosphate
7	15.038	1.2278	2.705	16.116	Sulfate

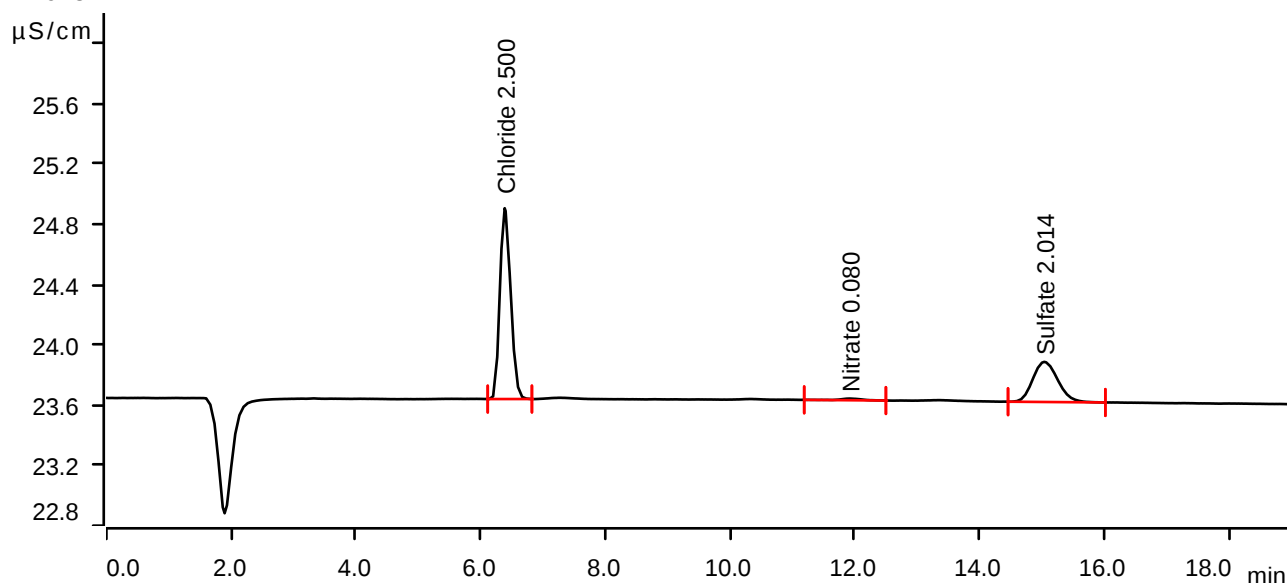
Sample data

Ident Q2560-07DL2X50
Sample type Check standard 1
Determination start 2025-11-07 12:57:30 UTC-5
Method IC1-110325
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	6.387	0.2529	1.267	2.500	Chloride
2	11.915	0.0043	0.011	0.080	Nitrate
3	15.038	0.1235	0.266	2.014	Sulfate

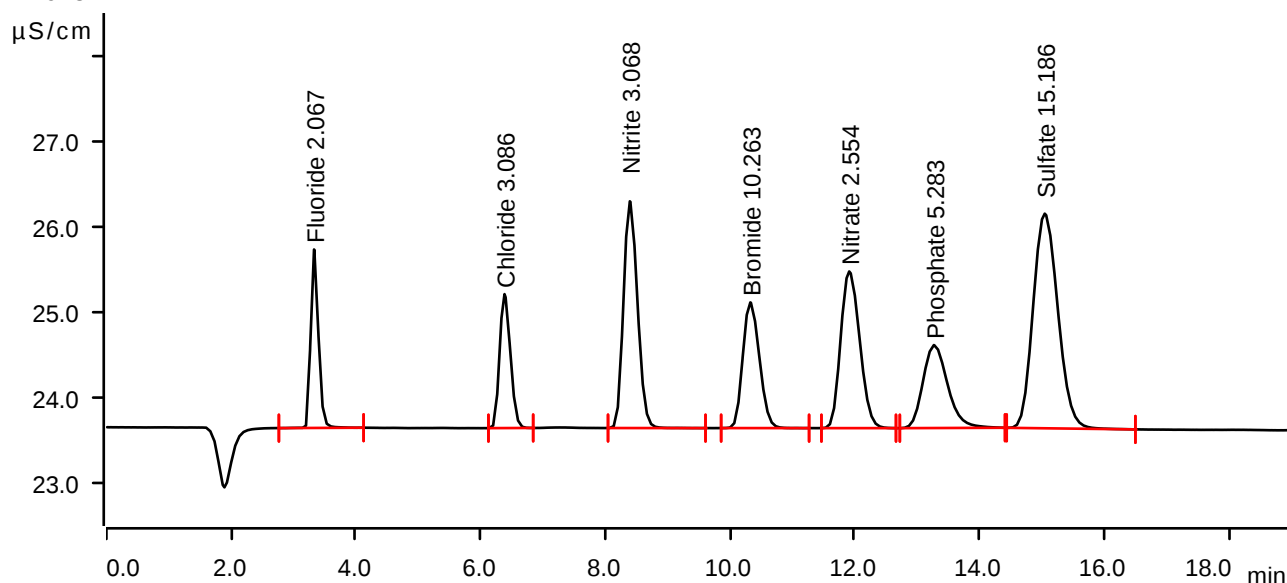
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-11-07 13:19:04 UTC-5
Method IC1-110325
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	3.330	0.2994	2.090	2.067	Fluoride
2	6.383	0.3138	1.569	3.086	Chloride
3	8.393	0.6907	2.656	3.068	Nitrite
4	10.325	0.4548	1.472	10.263	Bromide
5	11.910	0.6498	1.835	2.554	Nitrate
6	13.272	0.4441	0.972	5.283	Phosphate
7	15.045	1.1550	2.514	15.186	Sulfate

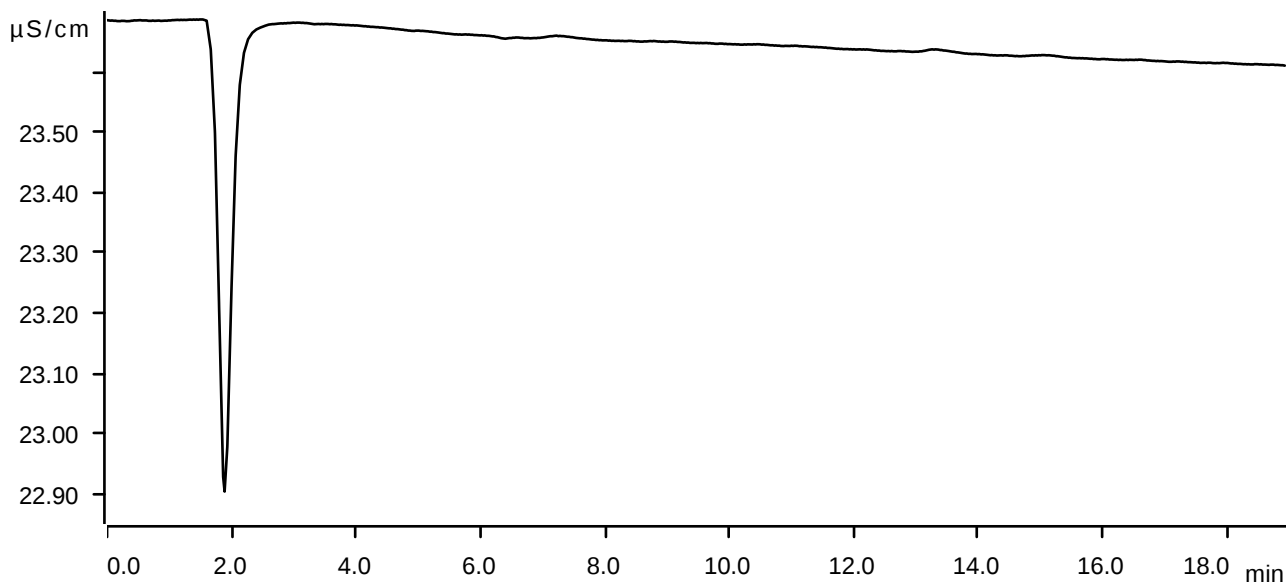
Sample data

Ident CCB
Sample type Sample
Determination start 2025-11-07 13:40:34 UTC-5
Method IC1-110325
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 12.33 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



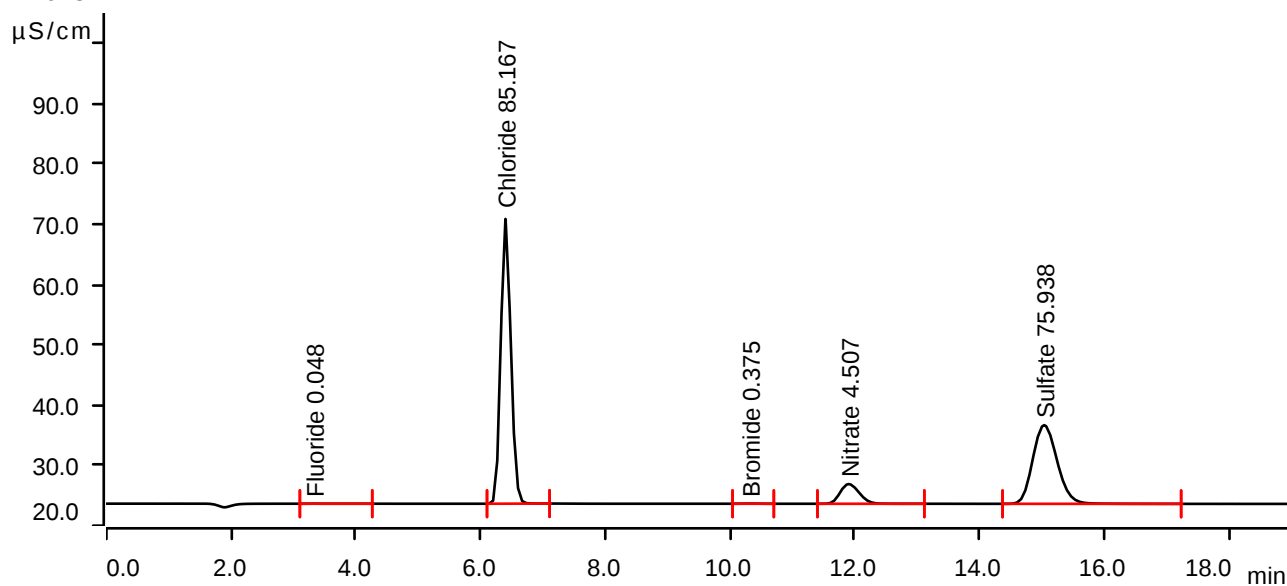
Sample data

Ident Q2560-09DLX2
Sample type Check standard 1
Determination start 2025-11-07 14:02:05 UTC-5
Method IC1-110325
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 12.33 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	3.328	0.0034	0.014	0.048	Fluoride
2	6.398	8.8512	47.250	85.167	Chloride
3	10.317	0.0082	0.027	0.375	Bromide
4	11.902	1.1592	3.267	4.507	Nitrate
5	15.037	5.9123	13.063	75.938	Sulfate

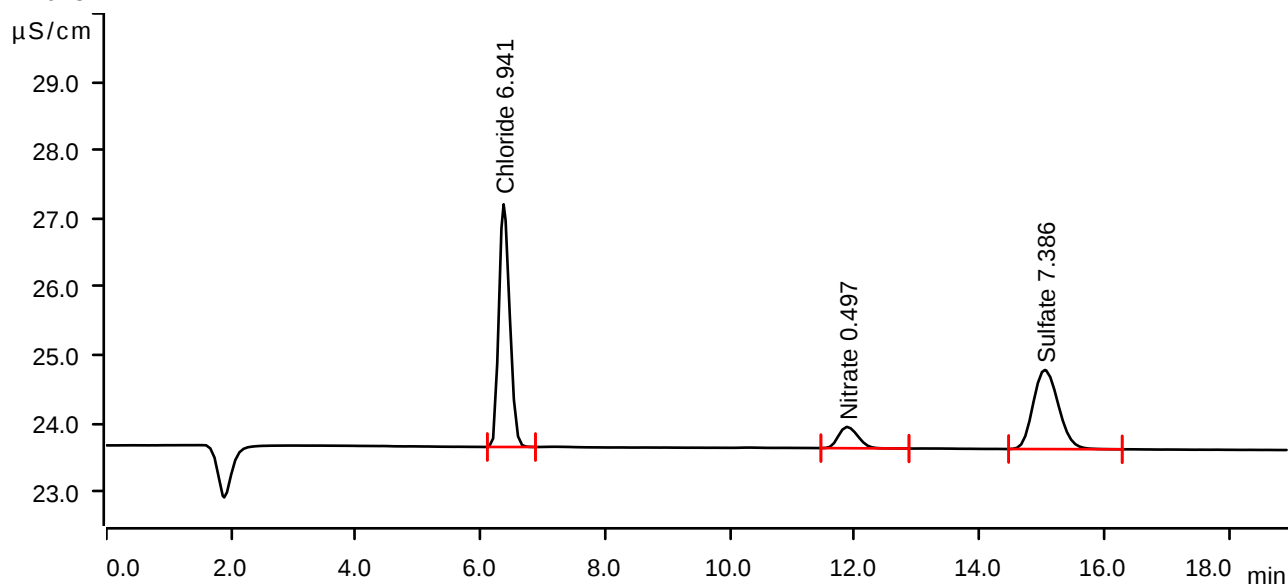
Sample data

Ident Q3560-09DL2X20
Sample type Check standard 1
Determination start 2025-11-07 14:45:25 UTC-5
Method IC1-110325
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 12.33 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	6.370	0.7148	3.553	6.941	Chloride
2	11.877	0.1132	0.312	0.497	Nitrate
3	15.047	0.5442	1.159	7.386	Sulfate

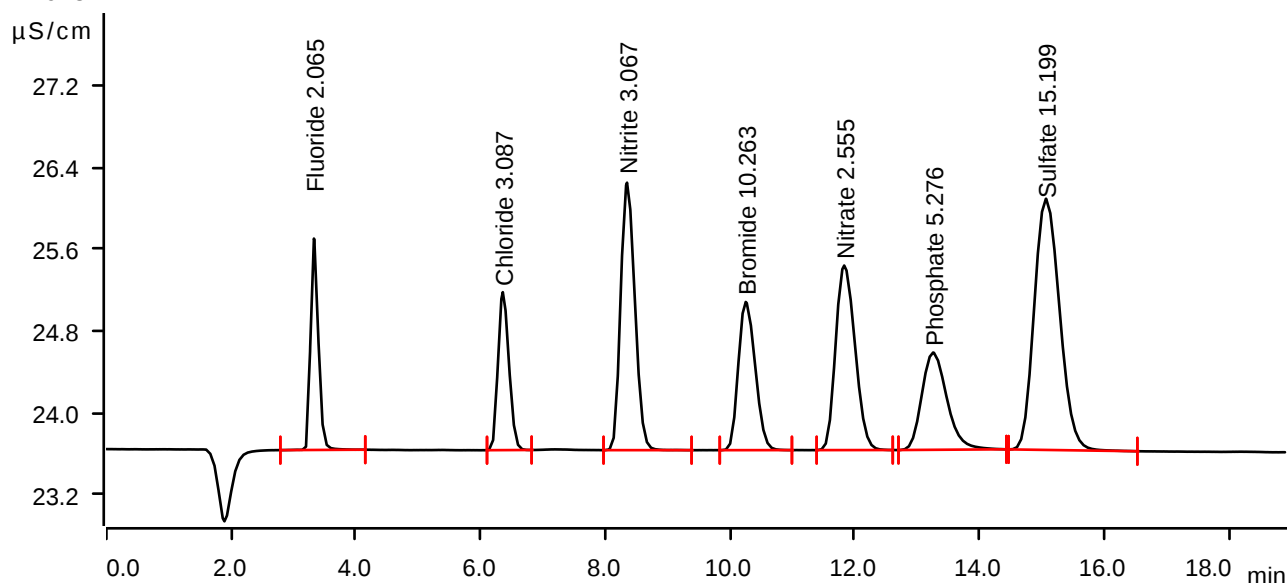
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-11-07 15:28:22 UTC-5
Method IC1-110325
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	3.328	0.2990	2.064	2.065	Fluoride
2	6.357	0.3140	1.542	3.087	Chloride
3	8.348	0.6906	2.611	3.067	Nitrite
4	10.252	0.4548	1.447	10.263	Bromide
5	11.830	0.6502	1.802	2.555	Nitrate
6	13.255	0.4435	0.950	5.276	Phosphate
7	15.063	1.1560	2.452	15.199	Sulfate

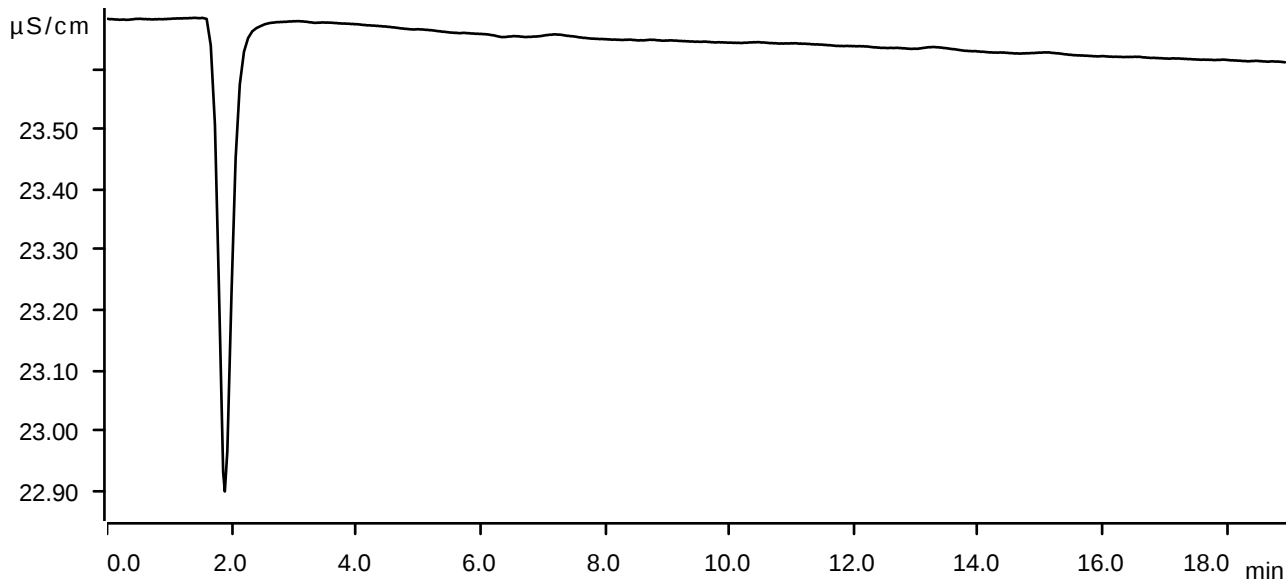
Sample data

Ident CCB
Sample type Sample
Determination start 2025-11-07 15:49:52 UTC-5
Method IC1-110325
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



WORKLIST(Hardcopy Internal Chain)

LB 137806 to 20137805

WorkList Name : tds q3560 WorkList ID : 192952 Department : Wet-Chemistry Date : 11-06-2025 15:43:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3552-01	H MW-4	Water	TDS	Cool 4 deg C	REMI02	D41	11/04/2025	SM2540 C
Q3552-02	H MW-8	Water	TDS	Cool 4 deg C	REMI02	D41	11/04/2025	SM2540 C
Q3552-03	H MW-9	Water	TDS	Cool 4 deg C	REMI02	D41	11/04/2025	SM2540 C
Q3552-04	H MW-10	Water	TDS	Cool 4 deg C	REMI02	D41	11/05/2025	SM2540 C
Q3552-05	H MW-3	Water	TDS	Cool 4 deg C	REMI02	D41	11/04/2025	SM2540 C
Q3560-01	M SY-10D	Water	TDS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 C
Q3560-03	M SY-10S	Water	TDS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 C
Q3560-05	M SY-10I	Water	TDS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 C
Q3560-07	M SY-12I	Water	TDS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 C
Q3560-09	M SY-12D	Water	TDS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 C

Date/Time 11/06/25 15:50

Raw Sample Received by: sd wvc

Raw Sample Relinquished by: sd sn

Date/Time 11/06/25 15:50

Raw Sample Received by: sd sn

Raw Sample Relinquished by: sd sn

Analytical Summary Report

Analysis Method: 9040C
Parameter: pH
Run Number: LB137806

Analyst By : jignesh
Supervisor Review By : Iwona
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	11/06/2025	16:00
2	CAL2	1	Water	NA	NA	20.2	7.00	11/06/2025	16:01
3	CAL3	1	Water	NA	NA	20.2	10.02	11/06/2025	16:02
4	ICV	1	Water	NA	NA	20.3	7.02	11/06/2025	16:05
5	CCV1	1	Water	NA	NA	20.2	2.01	11/06/2025	16:07
6	Q3560-01	1	Water	NA	NA	20.4	6.11	11/06/2025	16:14
7	Q3560-01DUP	1	Water	NA	NA	20.5	6.13	11/06/2025	16:17
8	Q3560-03	1	Water	NA	NA	20.4	5.88	11/06/2025	16:20
9	Q3560-05	1	Water	NA	NA	20.9	5.74	11/06/2025	16:25
10	Q3560-07	1	Water	NA	NA	20.4	6.54	11/06/2025	16:35
11	Q3560-09	1	Water	NA	NA	20.5	5.80	11/06/2025	16:39
12	Q3561-02	1	Water	NA	NA	20.7	5.27	11/06/2025	16:44
13	Q3561-03	1	Water	NA	NA	22.8	5.23	11/06/2025	16:50
14	Q3561-04	1	Water	NA	NA	21.4	5.19	11/06/2025	16:55
15	Q3561-05	1	Water	NA	NA	21.9	5.14	11/06/2025	16:59
16	CCV2	1	Water	NA	NA	20.3	12.02	11/06/2025	17:00

43 137806

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tds q3560 WorkList ID : 192952 Department : Wet-Chemistry Date : 11-06-2025 15:43:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3552-01	H MW-4	Water	TDS	Cool 4 deg C	REMI02	D41	11/04/2025	SM2540 C
Q3552-02	H MW-8	Water	TDS	Cool 4 deg C	REMI02	D41	11/04/2025	SM2540 C
Q3552-03	H MW-9	Water	TDS	Cool 4 deg C	REMI02	D41	11/04/2025	SM2540 C
Q3552-04	H MW-10	Water	TDS	Cool 4 deg C	REMI02	D41	11/04/2025	SM2540 C
Q3552-05	H MW-3	Water	TDS	Cool 4 deg C	REMI02	D41	11/05/2025	SM2540 C
Q3560-01	M SY-10D	Water	TDS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 C
Q3560-03	M SY-10S	Water	TDS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 C
Q3560-05	M SY-10I	Water	TDS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 C
Q3560-07	M SY-12I	Water	TDS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 C
Q3560-09	M SY-12D	Water	TDS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 C

Date/Time 11/06/25 15:50
Raw Sample Received by: sd wca
Raw Sample Relinquished by: sd sn

Date/Time 11/06/25 18:00
Raw Sample Received by: sd sn
Raw Sample Relinquished by: sd sn

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 11/06/2025

Run Number: LB137812

BalanceID: WC SC-5

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 104 °C 11/06/2025 14:30 **TEMP1 OUT:** 103 °C 11/06/2025 15:30
TEMP2 IN: 104 °C 11/06/2025 16:00 **TEMP2 OUT:** 104 °C 11/06/2025 17:00
TEMP3 IN: 104 °C 11/07/2025 10:00 **TEMP3 OUT:** 103 °C 11/07/2025 11:35
TEMP4 IN: 104 °C 11/07/2025 12:15 **TEMP4 OUT:** 103 °C 11/07/2025 14:10

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	LB137812BL	LB137812BL	1.4741	1.4742	100	1.4742	1.4742	1.4742	0.0000	0
2	LB137812BS	LB137812BS	1.3652	1.3653	100	1.4184	1.4184	1.4184	0.0531	531
3	Q3547-02	Comp	1.4926	1.4927	100	1.5268	1.5268	1.5268	0.0341	341
4	Q3550-01	DRAIN-WATER-TANK-1	1.4949	1.4949	100	1.5349	1.5349	1.5349	0.0400	400
5	Q3551-04	MANHOLE	1.4779	1.4779	1000	1.5259	1.5259	1.5259	0.0480	48
6	Q3551-04DUP	MANHOLEDUP	1.4942	1.4942	1000	1.5424	1.5424	1.5424	0.0482	48.2
7	Q3554-01	EFFLUENT	1.4694	1.4694	30	1.5038	1.5038	1.5038	0.0344	1146.7
8	Q3554-04	AERATION	1.4936	1.4936	30	1.5366	1.5366	1.5366	0.0430	1433.3
9	Q3560-01	SY-10D	1.4772	1.4772	2000	1.4777	1.4777	1.4777	0.0005	0.3
10	Q3560-03	SY-10S	1.4916	1.4917	2000	1.4923	1.4923	1.4923	0.0006	0.3
11	Q3560-05	SY-10I	1.4888	1.4888	2000	1.4892	1.4892	1.4892	0.0004	0.2
12	Q3560-07	SY-12I	1.4796	1.4796	2000	1.4813	1.4813	1.4813	0.0017	0.8
13	Q3560-09	SY-12D	1.5005	1.5005	2000	1.5008	1.5008	1.5008	0.0003	0.2

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 11/06/2025

Run Number: LB137812

BalanceID: WC SC-5

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 104 °C 11/06/2025 14:30 **TEMP1 OUT:** 103 °C 11/06/2025 15:30
TEMP2 IN: 104 °C 11/06/2025 16:00 **TEMP2 OUT:** 104 °C 11/06/2025 17:00
TEMP3 IN: 104 °C 11/07/2025 10:00 **TEMP3 OUT:** 103 °C 11/07/2025 11:35
TEMP4 IN: 104 °C 11/07/2025 12:15 **TEMP4 OUT:** 103 °C 11/07/2025 14:10

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

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 137812

WorkList Name : tss q3560 WorkList ID : 192961 Department : Wet-Chemistry Date : 11-07-2025 07:55:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3547-02	Comp	Water	TSS	Cool 4 deg C	ARAM01	J31	11/05/2025	SM2540 D
Q3550-01	DRAIN-WATER-TANK-1	Water	TSS	Cool 4 deg C	MAJO01	A21	11/05/2025	SM2540 D
Q3551-04	MANHOLE	Water	TSS	Cool 4 deg C	SPEC01	D41	11/05/2025	SM2540 D
Q3554-01	EFFLUENT	Water	TSS	Cool 4 deg C	HOLL01	D41	11/05/2025	SM2540 D
Q3554-04	AERATION	Water	TSS	Cool 4 deg C	HOLL01	D41	11/05/2025	SM2540 D
Q3560-01	SY-10D	Water	TSS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 D
Q3560-03	SY-10S	Water	TSS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 D
Q3560-05	SY-10I	Water	TSS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 D
Q3560-07	SY-12I	Water	TSS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 D
Q3560-09	SY-12D	Water	TSS	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2540 D

Date/Time 11/07/25 08:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 11/07/25 14:40

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Analytical Summary Report

Analysis Method: SM2130 B

ANALYST: Iwona

Parameter: Turbidity

SUPERVISOR REVIEW BY: jignesh

Run Number: LB137817

Reagent/Standard	Lot/Log #
TURBIDITY LOD STD, 0.5NTU	WP115524
Turbidity Calibration std, 0NTU	WP115522
Turbidity Calibration std, 20NTU	WP115517
Turbidity Calibration std, 40NTU	WP115516
Turbidity Calibration std, 1NTU	WP115520
Turbidity Calibration std, 5NTU	WP115519
Turbidity LOQ std, 1.0NTU	WP115523
Turbidity Calibration - CCV std, 10 NTU	WP115518
10 NTU Standard 500 ml	W3116

Intercept: -0.019

Slope: 1.0544

Regression: 0.9997

Seq	Lab ID	True Value (NTU)	Dilution	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	0.148	0.16		11/07/2025	08:32
2	CAL2	1	1	1.140	1.10	9.9	11/07/2025	08:35
3	CAL3	5	1	5.260	5.01	0.1	11/07/2025	08:38
4	CAL4	10	1	9.870	9.38	-6.2	11/07/2025	08:41
5	CAL5	20	1	21.500	20.41	2	11/07/2025	08:44
6	CAL6	40	1	42.100	39.95	-0.1	11/07/2025	08:47

Analytical Summary Report

Analysis Method: SM2130 B

ANALYST: Iwona

Parameter: Turbidity

SUPERVISOR REVIEW BY: jignesh

Run Number: LB137817

Seq	Lab ID	True Value (NTU)	Dilution	Reading	Result (NTU)	AnalDate	Anal Time
1	ICV	10	1	10.600	10.071	11/07/2025	08:50
2	ICB		1	0.152	0.162	11/07/2025	08:53
3	CCV1	10	1	9.730	9.246	11/07/2025	08:56
4	CCB1		1	0.161	0.171	11/07/2025	08:59
5	LB137817BL		1	0.168	0.177	11/07/2025	09:02
6	Q3530-10		1	0.422	0.418	11/07/2025	09:05
7	Q3530-11		1	0.968	0.936	11/07/2025	09:08
8	Q3560-01		1	0.404	0.401	11/07/2025	09:11
9	Q3560-03		1	0.453	0.448	11/07/2025	09:15
10	Q3560-05		1	0.459	0.453	11/07/2025	09:18
11	Q3560-07		1	1.510	1.450	11/07/2025	09:21
12	Q3560-09		1	0.305	0.307	11/07/2025	09:24
13	Q3560-09DUP		1	0.308	0.310	11/07/2025	09:27
14	CCV2	10	1	9.980	9.483	11/07/2025	09:30
15	CCB2		1	0.152	0.162	11/07/2025	09:33

WORKLIST(Hardcopy Internal Chain)

LB137817

WorkList Name : TURBIDITY-110725

WorkList ID : 192969

Department : Wet-Chemistry

Date : 11-07-2025 08:24:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3560-01	SY-10D	Water	Turbidity	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2130 B
Q3560-03	SY-10S	Water	Turbidity	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2130 B
Q3560-05	SY-10I	Water	Turbidity	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2130 B
Q3560-07	SY-12I	Water	Turbidity	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2130 B
Q3560-09	SY-12D	Water	Turbidity	Cool 4 deg C	LOCK01	J22	11/05/2025	SM2130 B

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

11/07/25 08:30
12/507
2862907

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

11/07/25 10:15
2862907
12/507

6137

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

11/10/2025 15:06

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.032	0.0	0.084	
ICB1	0.802	0.0	0.002	
CCV1	241.823	0.0	0.209	
CCB1	0.334	0.0	0.001	
PB170440BL	0.260	0.0	0.001	
PB170440BS	97.024	0.0	0.084	
LOWPB170440	10.066	0.0	0.010	
HIGHPB170440	484.070	0.0	0.417	
PB170442BL	0.251	0.0	0.001	
PB170442BS	97.527	0.0	0.085	
Q3560-01	0.766	0.0	0.002	
Q3560-01DUP	0.740	0.0	0.002	
Q3560-01MS	38.135	0.0	0.034	
Q3560-01MSD	40.393	0.0	0.036	
CCV2	243.536	0.0	0.210	
CCB2	0.555	0.0	0.002	
Q3560-03	1.334	0.0	0.002	
Q3560-05	1.259	0.0	0.002	
Q3560-07	0.328	0.0	0.001	
Q3560-09	0.659	0.0	0.002	
Q3569-01	2.939	0.0	0.004	
Q3569-02	0.388	0.0	0.001	
Q3580-01	0.262	0.0	0.001	
Q3580-01DUP	0.163	0.0	0.001	
Q3580-01MS	38.720	0.0	0.034	
Q3580-01MSD	38.592	0.0	0.034	
CCV3	243.845	0.0	0.211	
CCB3	0.507	0.0	0.002	
Q3586-02	-0.045	0.0	0.001	
Q3586-03	0.196	0.0	0.001	
Q3587-01	0.268	0.0	0.001	
Q3588-01	0.694	0.0	0.002	
Q3588-03	1.089	0.0	0.002	
Q3586-01	0.392	0.0	0.001	
Q3582-04	3.210	0.0	0.004	
Q3583-04	7.176	0.0	0.007	
CCV4	254.841	0.0	0.220	
CCB4	0.313	0.0	0.001	

100% (90-110) 11/10/2025
96% (90-110) RM

N 38
Mean 51.301
SD 105.3834
CV% 205.42

Aquakem v. 7.2AQ1

Results from time period:

Mon Nov 10 14:17:11 2025

Mon Nov 10 15:05:22 2025

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.0639	µg/l	11/10/2025 10:56:34	
5.0PPBCN	A	Total CN	P	5.4099	µg/l	11/10/2025 10:56:35	
10PPBCN	A	Total CN	P	9.454	µg/l	11/10/2025 10:56:36	
50PPBCN	A	Total CN	P	49.9297	µg/l	11/10/2025 10:56:37	
100PPBCN	A	Total CN	P	98.5377	µg/l	11/10/2025 10:56:38	
250PPBCN	A	Total CN	P	252.8528	µg/l	11/10/2025 10:56:39	
500PPBCN	A	Total CN	P	498.88	µg/l	11/10/2025 10:56:40	
ICV1	S	Total CN	P	96.0318	µg/l	11/10/2025 14:17:11	
ICB1	S	Total CN	P	0.8023	µg/l	11/10/2025 14:17:14	
CCV1	S	Total CN	P	241.8229	µg/l	11/10/2025 14:17:16	
CCB1	S	Total CN	P	0.3338	µg/l	11/10/2025 14:17:18	
PB170440BL	S	Total CN	P	0.2597	µg/l	11/10/2025 14:17:20	
PB170440BS	S	Total CN	P	97.024	µg/l	11/10/2025 14:17:21	
LOWPB170440	S	Total CN	P	10.0662	µg/l	11/10/2025 14:24:47	
HIGHPB170440	S	Total CN	P	484.0696	µg/l	11/10/2025 14:24:49	
PB170442BL	S	Total CN	P	0.2508	µg/l	11/10/2025 14:24:52	
PB170442BS	S	Total CN	P	97.527	µg/l	11/10/2025 14:24:53	
Q3560-01	S	Total CN	P	0.7657	µg/l	11/10/2025 14:24:55	
Q3560-01DUP	S	Total CN	P	0.74	µg/l	11/10/2025 14:32:22	
Q3560-01MS	S	Total CN	P	38.1354	µg/l	11/10/2025 14:32:24	
Q3560-01MSD	S	Total CN	P	40.3926	µg/l	11/10/2025 14:32:26	
CCV2	S	Total CN	P	243.5355	µg/l	11/10/2025 14:32:27	
CCB2	S	Total CN	P	0.5551	µg/l	11/10/2025 14:32:28	
Q3560-03	S	Total CN	P	1.3344	µg/l	11/10/2025 14:32:30	
Q3560-05	S	Total CN	P	1.2586	µg/l	11/10/2025 14:32:31	
Q3560-07	S	Total CN	P	0.3283	µg/l	11/10/2025 14:39:53	
Q3560-09	S	Total CN	P	0.6591	µg/l	11/10/2025 14:39:54	
Q3569-01	S	Total CN	P	2.9392	µg/l	11/10/2025 14:39:55	
Q3569-02	S	Total CN	P	0.3883	µg/l	11/10/2025 14:39:56	
Q3580-01	S	Total CN	P	0.2617	µg/l	11/10/2025 14:39:57	
Q3580-01DUP	S	Total CN	P	0.1625	µg/l	11/10/2025 14:39:58	
Q3580-01MS	S	Total CN	P	38.7197	µg/l	11/10/2025 14:39:59	
Q3580-01MSD	S	Total CN	P	38.5917	µg/l	11/10/2025 14:40:00	
CCV3	S	Total CN	P	243.8451	µg/l	11/10/2025 14:40:01	
CCB3	S	Total CN	P	0.5066	µg/l	11/10/2025 14:47:01	
Q3586-02	S	Total CN	P	-0.0452	µg/l	11/10/2025 14:47:02	
Q3586-03	S	Total CN	P	0.196	µg/l	11/10/2025 14:47:03	
Q3587-01	S	Total CN	P	0.2675	µg/l	11/10/2025 14:47:04	
Q3588-01	S	Total CN	P	0.6939	µg/l	11/10/2025 14:47:05	

Q3588-03	S	Total CN	P	1.0891 µg/l	11/10/2025 14:47:06
Q3586-01	S	Total CN	P	0.3924 µg/l	11/10/2025 14:47:07
Q3582-04	S	Total CN	P	3.2101 µg/l	11/10/2025 15:00:18
Q3583-04	S	Total CN	P	7.1756 µg/l	11/10/2025 15:05:19
CCV4	S	Total CN	P	254.8412 µg/l	11/10/2025 15:05:21
CCB4	S	Total CN	P	0.3127 µg/l	11/10/2025 15:05:22

=====

Calibration results Aquakem 7.2AQ1 Page: 1

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

11/10/2025 10:58

Reviewed by : RN Instrument ID : Konelab

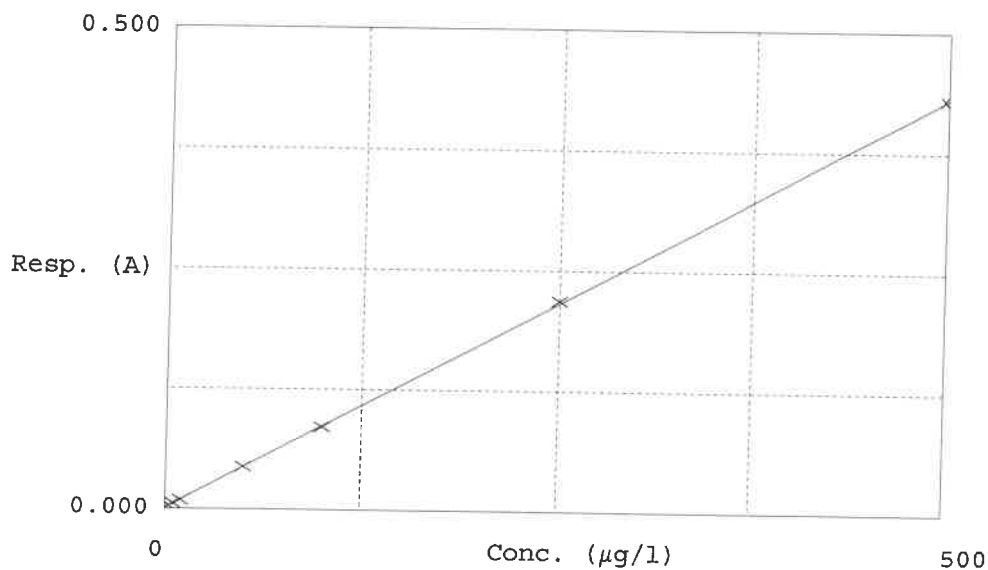
Test Total CN

Accepted 11/10/2025 10:58

Factor 1163
Bias 0.001

Coeff. of det. 0.999942

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.001	-0.0639	0.0000	-
2	5.0PPBCN	0.006	5.4099	5.0000	0.2
3	10PPBCN	0.009	9.4540	10.0000	-5.5
4	50PPBCN	0.044	49.9297	50.0000	-0.1
5	100PPBCN	0.086	98.5377	100.0000	-1.5
6	250PPBCN	0.218	252.8528	250.0000	1.1
7	500PPBCN	0.430	498.8800	500.0000	-0.2

11/10/2025
RN

LB137852

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group
 284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

11/11/2025 13:51

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.965	0.0	0.197	
ICB1	0.011	0.0	0.019	
CCV1	0.953	0.0	0.195	
CCB1	0.012	0.0	0.019	
RL CHECK	0.093	0.0	0.034	
PB170466BL	0.014	0.0	0.020	
PB170466BS	0.974	0.0	0.198	
Q3530-08	0.110	0.0	0.038	
Q3554-01	8.281	0.0	1.558	Test limit high
Q3560-01	8.111	0.0	1.527	Test limit high
Q3560-01DUP	8.132	0.0	1.531	Test limit high
Q3560-01MS	9.060	0.0	1.703	Test limit high
Q3560-01MSD	9.061	0.0	1.704	Test limit high
CCV2	0.956	0.0	0.195	
CCB2	0.013	0.0	0.020	
Q3560-03	0.015	0.0	0.020	
Q3560-05	0.074	0.0	0.031	
Q3560-07	32.190	0.0	6.009	Init abs., Test limit hig
Q3560-09	1.401	0.0	0.278	
Q3566-01	1.031	0.0	0.209	
Q3575-01	3.637	0.0	0.694	Test limit high
Q3575-02	3.669	0.0	0.700	Test limit high
PB170467BL	0.017	0.0	0.020	
PB170467BS	0.968	0.0	0.197	
CCV3	0.968	0.0	0.197	
CCB3	0.015	0.0	0.020	
Q3530-02	0.109	0.0	0.037	
Q3483-07	26.826	0.0	5.010	Init abs., Test limit hig
CCV4	0.962	0.0	0.196	
CCB4	0.017	0.0	0.020	
Q3554-01DLX10	0.766	0.0	0.160	
Q3560-01DLX10	0.743	0.0	0.155	
Q3560-01DUPDLX10	0.739	0.0	0.155	
Q3560-07DLX20	2.160	0.0	0.419	Test limit high
Q3575-01DLX5	0.700	0.0	0.147	
Q3575-02DLX5	0.698	0.0	0.147	
Q3483-07DLX20	1.241	0.0	0.248	
CCV5	0.987	0.0	0.201	
CCB5	0.016	0.0	0.020	
Q3530-07	0.084	0.0	0.033	
Q3530-01	0.085	0.0	0.033	
Q3560-07DL2X40	1.049	0.0	0.212	
CCV6	0.944	0.0	0.193	
CCB6	0.019	0.0	0.021	

93% (50-150)

11/11/2025

RM

N 44
 Mean 2.929
 SD 6.4540
 CV% 220.35

Aquakem v. 7.2AQ1

Results from time period:

Tue Nov 11 10:21:07 2025

Tue Nov 11 13:46:45 2025

Sample Id	Sam/Ctr/c	Test short r	Test type	Result	Result unit	Result date and time
0.0PPM	A	Ammonia-† P		0.0156	mg/l	11/11/2025 10:21:07
0.1PPM	A	Ammonia-† P		0.1113	mg/l	11/11/2025 10:21:08
0.2PPM	A	Ammonia-† P		0.2016	mg/l	11/11/2025 10:21:09
0.4PPM	A	Ammonia-† P		0.3916	mg/l	11/11/2025 10:21:10
1.0PPM	A	Ammonia-† P		0.9896	mg/l	11/11/2025 10:21:11
1.3PPM	A	Ammonia-† P		1.2858	mg/l	11/11/2025 10:21:12
2.0PPM	A	Ammonia-† P		2.0378	mg/l	11/11/2025 10:21:13
ICV1	S	Ammonia-† P		0.9652	mg/l	11/11/2025 11:35:15
ICB1	S	Ammonia-† P		0.0114	mg/l	11/11/2025 11:35:17
CCV1	S	Ammonia-† P		0.9533	mg/l	11/11/2025 11:35:19
CCB1	S	Ammonia-† P		0.012	mg/l	11/11/2025 11:35:21
RL CHECK	S	Ammonia-† P		0.093	mg/l	11/11/2025 11:35:24
PB170466BL	S	Ammonia-† P		0.014	mg/l	11/11/2025 11:45:59
PB170466BS	S	Ammonia-† P		0.9743	mg/l	11/11/2025 11:46:01
Q3530-08	S	Ammonia-† P		0.11	mg/l	11/11/2025 11:46:06
Q3554-01	S	Ammonia-† P		8.2812	mg/l	11/11/2025 11:46:08
Q3560-01	S	Ammonia-† P		8.1108	mg/l	11/11/2025 11:46:09
Q3560-01DUP	S	Ammonia-† P		8.1315	mg/l	11/11/2025 11:56:44
Q3560-01MS	S	Ammonia-† P		9.0598	mg/l	11/11/2025 11:56:45
Q3560-01MSD	S	Ammonia-† P		9.0607	mg/l	11/11/2025 11:56:46
CCV2	S	Ammonia-† P		0.9558	mg/l	11/11/2025 11:56:49
CCB2	S	Ammonia-† P		0.0132	mg/l	11/11/2025 11:56:52
Q3560-03	S	Ammonia-† P		0.0148	mg/l	11/11/2025 11:56:53
Q3560-05	S	Ammonia-† P		0.0742	mg/l	11/11/2025 11:56:54
Q3560-07	S	Ammonia-† P		32.1902	mg/l	11/11/2025 12:07:27
Q3560-09	S	Ammonia-† P		1.4013	mg/l	11/11/2025 12:07:28
Q3566-01	S	Ammonia-† P		1.0306	mg/l	11/11/2025 12:07:29
Q3575-01	S	Ammonia-† P		3.6373	mg/l	11/11/2025 12:07:30
Q3575-02	S	Ammonia-† P		3.6691	mg/l	11/11/2025 12:07:31
PB170467BL	S	Ammonia-† P		0.0166	mg/l	11/11/2025 12:07:33
PB170467BS	S	Ammonia-† P		0.9678	mg/l	11/11/2025 12:07:34
CCV3	S	Ammonia-† P		0.9678	mg/l	11/11/2025 12:18:13
CCB3	S	Ammonia-† P		0.0153	mg/l	11/11/2025 12:18:16
Q3530-02	S	Ammonia-† P		0.1088	mg/l	11/11/2025 12:18:17
Q3483-07	S	Ammonia-† P		26.8257	mg/l	11/11/2025 12:18:20
CCV4	S	Ammonia-† P		0.9622	mg/l	11/11/2025 12:28:24
CCB4	S	Ammonia-† P		0.0166	mg/l	11/11/2025 12:28:27
Q3554-01DLX10	S	Ammonia-† P		0.7655	mg/l	11/11/2025 13:06:05
Q3560-01DLX10	S	Ammonia-† P		0.7427	mg/l	11/11/2025 13:06:07

Q3560-01DUPDLX10	S	Ammonia-† P	0.7393 mg/l	11/11/2025 13:06:08
Q3560-07DLX20	S	Ammonia-† P	2.1597 mg/l	11/11/2025 13:06:10
Q3575-01DLX5	S	Ammonia-† P	0.6996 mg/l	11/11/2025 13:16:43
Q3575-02DLX5	S	Ammonia-† P	0.6979 mg/l	11/11/2025 13:16:44
Q3483-07DLX20	S	Ammonia-† P	1.2405 mg/l	11/11/2025 13:16:47
CCV5	S	Ammonia-† P	0.9865 mg/l	11/11/2025 13:22:12
CCB5	S	Ammonia-† P	0.0163 mg/l	11/11/2025 13:22:13
Q3530-07	S	Ammonia-† P	0.0843 mg/l	11/11/2025 13:46:35
Q3530-01	S	Ammonia-† P	0.0855 mg/l	11/11/2025 13:46:36
Q3560-07DL2X40	S	Ammonia-† P	1.0495 mg/l	11/11/2025 13:46:41
CCV6	S	Ammonia-† P	0.9438 mg/l	11/11/2025 13:46:42
CCB6	S	Ammonia-† P	0.0195 mg/l	11/11/2025 13:46:45

Calibration results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

11/11/2025 10:23

Test Ammonia-N

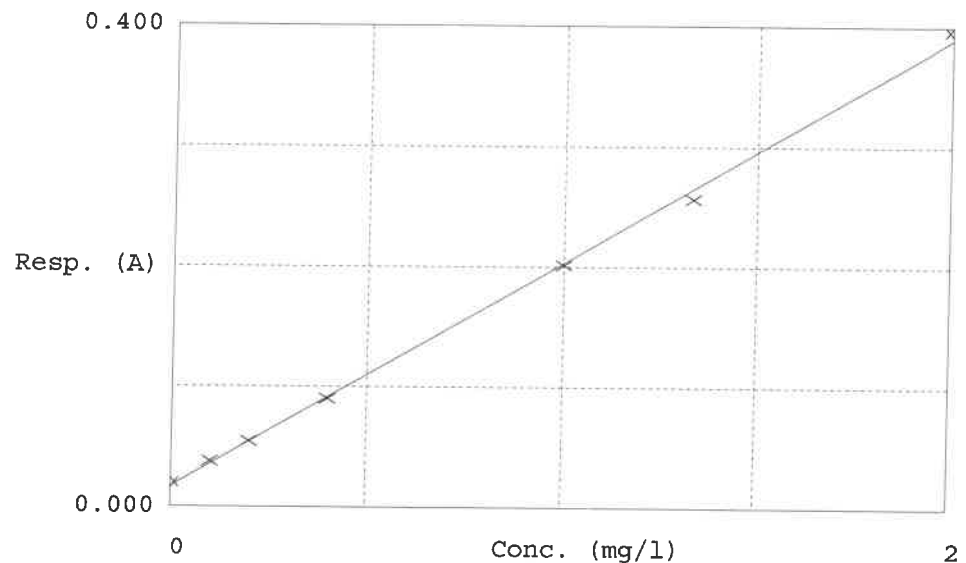
Accepted 11/11/2025 10:23

Factor 5.373

Bias 0.017

Coeff. of det. 0.998745

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.020	0.0156	0.0000	-
2	NH3-2PPM	0.038	0.1113	0.1000	11.3
3	NH3-2PPM	0.055	0.2016	0.2000	0.8
4	NH3-2PPM	0.090	0.3916	0.4000	-2.1
5	NH3-2PPM	0.201	0.9896	1.0000	-1.0
6	NH3-2PPM	0.256	1.2858	1.3333	-1.1
7	NH3-2PPM	0.396	2.0378	2.0000	1.9

11/11/2025
 RM

BOD5 LOG

ANALYST: rubin

SUPERVISOR: Iwona

Analysis Date: 11/06/2025

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3248

NaOH, 1N: WP113878

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP115341

QC BATCH ID: LB137854

BOD Water: WP115510

Starch: W3149

Sulfuric acid, 1N: WP115342

POLYSEED: WP115512

GGA: WP115511

Chlorine Strips: W3155

pH Strips: W3241

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.5	9.5	9.5
WINKLER 2	WINKLER 2	2	300	9.7	19.2	9.5	9.5

Meter Calibration1: 8.98 Zero DO Reading1: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.68

After Incubation

Meter Calibration2: 8.72 Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure2: 750 mmHg

QC BATCH ID: LB137854

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 16:00

TIME OUT: 12:00

DATE IN: 11/06/2025

DATE OUT: 11/11/2025

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
LB137854BL	1	No	6.57	N/A	20.90	300	9.67	9.65	0.02	0.02	0.02	
POLYSEED	1					10	9.58	6.61	2.97	0.59	0.62	
POLYSEED	2					15	9.52	4.80	4.72	0.63		
POLYSEED	3					20	9.48	3.01	6.47	0.65		
GGA	1					6	9.54	5.47	4.07	172.5	177.5	
GGA	2					6	9.50	5.32	4.18	178		
GGA	3					6	9.49	5.23	4.26	182		
Q3560-01	1	No	6.14	6.84	20.20	5	9.62	8.67	-	0	21.06	pH Adjusted
Q3560-01	2					20	9.48	7.36	2.12	22.5		
Q3560-01	3					50	9.36	5.47	3.89	19.62		
Q3560-01	4					150	8.41	0.89	-	0		
Q3560-01DUP	1	No	6.14	6.84	20.20	5	9.61	8.72	-	0	21.05	pH Adjusted
Q3560-01DUP	2					20	9.50	7.45	2.05	21.45		
Q3560-01DUP	3					50	9.39	5.33	4.06	20.64		
Q3560-01DUP	4					150	8.40	0.86	-	0		
Q3560-03	1	No	5.83	7.11	20.00	5	9.60	8.63	-	0	3.58	pH Adjusted
Q3560-03	2					20	9.58	8.13	-	0		
Q3560-03	3					50	9.55	7.90	-	0		
Q3560-03	4					150	9.54	7.13	2.41	3.58		
Q3560-05	1	No	5.70	7.02	20.00	5	9.62	8.75	-	0		pH Adjusted
Q3560-05	2					20	9.60	8.52	-	0		
Q3560-05	3					50	9.20	8.30	-	0		
Q3560-05	4					150	8.70	8.01	-	0		
Q3560-07	1	No	6.54	N/A	20.00	5	9.60	7.25	2.35	103.8	90.53	
Q3560-07	2					20	9.44	3.67	5.77	77.25		
Q3560-07	3					50	9.40	0.96	-	0		
Q3560-07	4					150	9.30	0.39	-	0		
Q3560-09	1	No	5.80	6.98	20.00	5	9.62	8.41	-	0		pH Adjusted
Q3560-09	2					20	9.57	8.21	-	0		
Q3560-09	3					50	9.37	7.84	-	0		
Q3560-09	4					150	8.54	6.96	-	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.

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
CCV1	0.9514	0.0895	9.41	TOC	
CCB1	0.2089	0.0104	4.97	TOC	
LB137861BLW	0.3493	0.1218	34.87	TOC	
LB137861BSW.....	9.5314...	0.1746..	1.83...	TOC	..
Q3560-01	3.0091	0.3564	11.84	TOC	
Q3560-03	0.9996	0.0714	7.14	TOC	
Q3560-03MS.....	8.5198...	0.5026..	5.90...	TOC	..
Q3560-03MSD	9.4935	2.4138	25.43	TOC	
Q3560-05	1.1309	0.1273	11.26	TOC	
Q3560-07.....	11.0520...	0.9748..	8.82...	TOC	..
Q3560-09	2.5102	0.2171	8.65	TOC	
CCV2	9.8131	0.1650	1.68	TOC	
CCB2.....	0.3418...	0.0468..	13.69...	TOC	..

Method ID	Sample Type	Vial	Timestamp	Message
TOC 0 - 20 ppmC	Sample	10	2025/11/12 09:17	
TOC 0 - 20 ppmC	Sample	12	2025/11/12 09:41	Low Sample Detected
TOC 0 - 20 ppmC	Sample	13	2025/11/12 10:27	
TOC 0 - 20 ppmC	...Sample	.. 9..	2025/11/12 11:50	..
TOC 0 - 20 ppmC	Sample	15	2025/11/12 12:14	
TOC 0 - 20 ppmC	Sample	16	2025/11/12 12:38	
TOC 0 - 20 ppmC	...Sample	.. 17..	2025/11/12 13:05	..
TOC 0 - 20 ppmC	Sample	17	2025/11/12 13:31	
TOC 0 - 20 ppmC	Sample	19	2025/11/12 13:55	
TOC 0 - 20 ppmC	...Sample	.. 20..	2025/11/12 14:21	..
TOC 0 - 20 ppmC	Sample	21	2025/11/12 15:10	
TOC 0 - 20 ppmC	Sample	10	2025/11/12 20:15	
TOC 0 - 20 ppmC	...Sample	.. 13..	2025/11/12 21:03	..

```
<<<Statistics>>>      Mean:      9.5314      Std Dev:      0.1746      RSD: 1.83
```

Sample ID: Q3560-01 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 11120942
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/11/12 12:14
Operator ID: RM IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3.4976	1.7488	130120	-2.197	-2.000	140
2	3.0364	1.5182	112963	-2.132	-1.937	137
3	2.8162	1.4081	104773	-2.063	-1.864	134
4	2.6860	1.3430	99929	-2.049	-1.851	132

<<<Statistics>>> Mean: 3.0091 Std Dev: 0.3564 RSD: 11.84

Sample ID: Q3560-03 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 11120942
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/11/12 12:38
Operator ID: RM IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1.1016	0.5508	40984	-2.037	-1.841	118
2	0.9350	0.4675	34784	-2.012	-1.814	115
3	0.9803	0.4902	36471	-2.026	-1.828	115
4	0.9815	0.4908	36516	-2.020	-1.820	117

<<<Statistics>>> Mean: 0.9996 Std Dev: 0.0714 RSD: 7.14

Sample ID: Q3560-03MS Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 11120942
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/11/12 13:05
Operator ID: RM IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8.4154	4.2077	313078	-1.982	-1.783	231
2	9.2548	4.6274	344308	-1.814	-1.616	145
3	8.2683	4.1341	307605	-1.824	-1.626	145
4	8.1409	4.0705	302869	-1.880	-1.684	147

<<<Statistics>>> Mean: 8.5198 Std Dev: 0.5026 RSD: 5.90

Sample ID: Q3560-03MSD Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 11120942
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/11/12 13:31
Operator ID: RM IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	11.7410	5.8705	436803	-1.861	-1.661	180
2	11.3913	5.6957	423793	-1.798	-1.600	177
3	7.7635	3.8817	288825	-1.795	-1.595	158
4	7.0782	3.5391	263332	-1.809	-1.611	147

<<<Statistics>>> Mean: 9.4935 Std Dev: 2.4138 RSD: 25.43

Sample ID: Q3560-05 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 11120942
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/11/12 13:55
Operator ID: RM IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1.3137	0.6569	48874	-1.817	-1.618	119
2	1.0200	0.5100	37949	-1.790	-1.593	116
3	1.1079	0.5540	41219	-1.800	-1.601	116
4	1.0820	0.5410	40254	-1.801	-1.602	117

<<<Statistics>>> Mean: 1.1309 Std Dev: 0.1273 RSD: 11.26

Sample ID: Q3560-07 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 11120942
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/11/12 14:21
Operator ID: RM IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	12.4825	6.2413	464390	-1.683	-1.484	175
2	10.5982	5.2991	394288	-1.664	-1.466	164
3	10.8102	5.4051	402174	-1.649	-1.449	164
4	10.3170	5.1585	383825	-1.642	-1.442	160

<<<Statistics>>> Mean: 11.0520 Std Dev: 0.9748 RSD: 8.82

Sample ID: Q3560-09 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 11120942
Cal. Curve: TOC WATER 0-20PPM Time
stamp: 2025/11/12 15:10
Operator ID: RM IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.8211	1.4106	104955	-1.730	-1.531	130
2	2.4524	1.2262	91238	-1.695	-1.496	125
3	2.4523	1.2261	91232	-1.728	-1.528	127
4	2.3150	1.1575	86125	-1.728	-1.529	123

<<<Statistics>>> Mean: 2.5102 Std Dev: 0.2171 RSD: 8.65

Sample ID: CCV2 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 11120942
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/11/12 20:15
Operator ID: RM IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9.6536	4.8268	359145	-1.535	-1.337	163
2	9.8981	4.9490	368240	-1.504	-1.307	175
3	9.6983	4.8492	360809	-1.532	-1.334	161
4	10.0023	5.0011	372117	-1.540	-1.342	169

<<<Statistics>>> Mean: 9.8131 Std Dev: 0.1650 RSD: 1.68

Sample ID: CCB2 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 11120942
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/11/12 21:03
Operator ID: RM IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
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Reviewed By:Iwona
On:11/17/2025 3:50:48
PM
Inst Id :Appolo-9000
LB :LB137861

1	0.3810	0.1905	14175	-1.687	-1.488	106
2	0.3352	0.1676	12470	-1.679	-1.482	103
3	0.2783	0.1392	10355	-1.670	-1.470	102
4	0.3727	0.1863	13865	-1.673	-1.473	106

```
<<<Statistics>>>      Mean:      0.3418      Std Dev:      0.0468      RSD: 13.69
```

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
0.0PPM	7798	1771	22.72	TOC	
0.5PPM	16970	1774	10.45	TOC	
1.0PPM	36859	6025	16.35	TOC	
2.0PPM.....	76964...	3154..	4.10...	TOC	..
5.0PPM	190528	1444	0.76	TOC	
10.0PPM	381065	1148	0.30	TOC	
20.0PPM.....	744322...	6957..	0.93...	TOC	..
ICV1	10.1531	0.5724	5.64	TOC	
ICB1	0.2761	0.0175	6.35	TOC	
IC-20.....	0.1800...	0.0413..	22.93...	TOC	..
IC-R	0.1828	0.0351	19.20	TOC	

Method ID	Sample Type	Vial		Timestamp		Message
TOC 0 - 20 ppmC	TOC Standard	1		2025/10/06	10:48	Low Sample Detected
TOC 0 - 20 ppmC	TOC Standard	2		2025/10/06	11:11	
TOC 0 - 20 ppmC	TOC Standard	9		2025/10/06	12:49	
TOC 0 - 20 ppmC	...TOC Standard	..	4..	2025/10/06	13:17	..
TOC 0 - 20 ppmC	TOC Standard	5		2025/10/06	13:47	
TOC 0 - 20 ppmC	TOC Standard	6		2025/10/06	14:18	
TOC 0 - 20 ppmC	...TOC Standard	..	7..	2025/10/06	14:50	..
TOC 0 - 20 ppmC	Sample	11		2025/10/06	15:21	
TOC 0 - 20 ppmC	Sample	12		2025/10/06	15:44	
TOC 0 - 20 ppmC	...Sample	..	13..	2025/10/06	16:07	..Low Sample Detected
TOC 0 - 20 ppmC	Sample	12		2025/10/06	16:31	Low Sample Detected

```
<<<Statistics>>>      Mean:      76964      Std Dev:      3154      RSD: 4.10
```

Sample ID: 5.0PPM Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 10061318
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/10/06 13:47
Operator ID: RM IZ Sample Type: TOC Standard

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			192681	-2.223	-2.025	220
2			189590	-2.206	-2.007	215
3			189901	-2.189	-1.991	214
4			189941	-2.195	-1.996	214

<<<Statistics>>> Mean: 190528 Std Dev: 1444 RSD: 0.76

Sample ID: 10.0PPM Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 10061318
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/10/06 14:18
Operator ID: RM IZ Sample Type: TOC Standard

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			380007	-2.134	-1.935	232
2			381443	-2.115	-1.918	239
3			382514	-2.106	-1.907	224
4			380295	-2.095	-1.896	230

<<<Statistics>>> Mean: 381065 Std Dev: 1148 RSD: 0.30

Sample ID: 20.0PPM Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 10061318
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/10/06 14:50
Operator ID: RM IZ Sample Type: TOC Standard

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			737883	-2.056	-1.858	250
2			738798	-1.986	-1.787	236
3			749386	-1.985	-1.788	246
4			751220	-1.985	-1.785	256

<<<Statistics>>> Mean: 744322 Std Dev: 6957 RSD: 0.93

Sample ID: ICB1 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 10061318
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/10/06 15:21
Operator ID: RM IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9.4604	4.7302	372906	-1.973	-1.774	230
2	9.9095	4.9548	390608	-1.964	-1.765	228
3	10.6733	5.3366	397079	-1.963	-1.764	241
4	10.5694	5.2847	393217	-1.956	-1.756	229

<<<Statistics>>> Mean: 10.1531 Std Dev: 0.5724 RSD: 5.64

Sample ID: ICB1 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 10061318
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/10/06 15:44
Operator ID: RM IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.2779	0.1389	10338	-1.890	-1.693	102
2	0.2517	0.1259	9365	-1.863	-1.666	101
3	0.2933	0.1466	10912	-1.881	-1.684	101
4	0.2813	0.1406	10463	-1.904	-1.705	100

<<<Statistics>>> Mean: 0.2761 Std Dev: 0.0175 RSD: 6.35

Sample ID: IC-20 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 10061318
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/10/06 16:07
Operator ID: RM IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.1857	0.0928	6908	-1.908	-1.921	120
2	0.2350	0.1175	8744	-1.915	-1.905	120
3	0.1392	0.0696	5178	-1.905	-1.911	120
4	0.1602	0.0801	5958	-1.910	-1.929	120

Last Message: Low Sample Detected

<<<Statistics>>> Mean: 0.1800 Std Dev: 0.0413 RSD: 22.93

Sample ID: IC-R Mode: TOC
Method: TOC 0 - 20 ppmC
Filename: 10061318
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2025/10/06 16:31
Operator ID: RM IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.2183	0.1091	8120	-1.922	-1.901	120
2	0.1941	0.0970	7220	-1.905	-1.872	120
3	0.1348	0.0674	5014	-1.885	-1.886	120
4	0.1838	0.0919	6838	-1.897	-1.887	120

Last Message: Low Sample Detected

<<<Statistics>>> Mean: 0.1828 Std Dev: 0.0351 RSD: 19.20

Calibration Report Print Date/Time: 2025/10/06 14:58:08

Cal. Curve ID: TOC WATER 0-20PPM
Created: 2025/10/06 14:58
Calibration Factor (m): 7.441e+04
Y Intercept (b): 3169
r-squared: 0.99977

Standard ID	Y Raw Data	X Expected ug C	Measured ug C	Message	Date & Time
0.0PPM	7798	0.000	0.062	—	2025/10/06 10:48
0.5PPM	16970	0.250	0.185	-26.0	2025/10/06 11:11
1.0PPM	36859	0.500	0.453	-9.4	2025/10/06 12:49
2.0PPM	76964	1.000	0.992	-0.8	2025/10/06 13:17
5.0PPM	190528	2.500	2.518	0.7	2025/10/06 13:47
10.0PPM	381065	5.000	5.079	1.6	2025/10/06 14:18
20.0PPM	744322	10.000	9.961	-0.4	2025/10/06 14:50

12

10/06/25

TitriSoft Report

Reviewed By: Iwona
On: 11/17/2025 1:49:08 PM
Inst Id: Titroline Alpha
Titrator

Ident	Amount	DateTime	Alkalinity	Final pH (sample)	Initial pH (sample)	slope	offset
LB137863BLW	100	14/11/2025 12:05	0.00	4.24	4.28	102.4	68.6
LB137863BSW	100	14/11/2025 12:09	54.26	4.36	9.48	102.4	68.6
Q3560-01	50	14/11/2025 12:15	138.42	4.34	6.72	102.4	68.6
Q3560-01DUP	50	14/11/2025 12:20	136.28	4.28	6.71	102.4	68.6
Q3560-03	50	14/11/2025 12:24	11.26	4.42	6.29	102.4	68.6
Q3560-05	50	14/11/2025 12:28	21.84	4.32	6.38	102.4	68.6
Q3560-07	50	14/11/2025 12:35	451.62	4.44	7.41	102.4	68.6
Q3560-09	50	14/11/2025 12:39	47.66	4.35	6.50	102.4	68.6

11/14/2025

12 11/14/25

LB137870

Test results

Aquakem 7.2AQ1

Page:

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

Instrument ID : Konelab

11/12/2025 13:57

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.090	0.0	1.016	
ICB1	-0.014	0.0	0.021	
CCV1	4.981	0.0	0.995	
CCB1	0.011	0.0	0.025	
RL CHECK	0.475	0.0	0.116	
11/12/25 RM PB170452BL 510b1	-0.016	0.0	0.020	95% (50-150)
11/12/25 RM PB170452BS 510b3	5.117	0.0	1.021	11/12/2025 RM
Q3530-07	0.241	0.0	0.070	
Q3530-08	0.537	0.0	0.128	
Q3552-01	32.782	0.0	6.418	Abs. high, Init abs., Tes
Q3552-02	13.160	0.0	2.590	Init abs., Test limit hig
Q3552-03	33.601	0.0	6.578	Abs. high, Init abs., Tes
Q3552-04	2.872	0.0	0.583	
Q3552-04DUP	2.701	0.0	0.550	
CCV2	5.046	0.0	1.008	
CCB2	0.028	0.0	0.029	
Q3552-04MS	7.307	0.0	1.449	
Q3552-04MSD	7.196	0.0	1.427	
Q3552-05	31.018	0.0	6.074	Init abs., Test limit hig
Q3560-01	8.250	0.0	1.633	
Q3560-03	0.101	0.0	0.043	
Q3560-05	0.404	0.0	0.102	
Q3560-07	29.862	0.0	5.849	Init abs., Test limit hig
Q3560-09	1.441	0.0	0.304	
Q3569-01	27.813	0.0	5.449	Init abs., Test limit hig
Q3569-02	30.898	0.0	6.051	Init abs., Test limit hig
CCV3	5.068	0.0	1.012	
CCB3	-0.014	0.0	0.021	
Q3584-01	0.655	0.0	0.151	
Q3584-02	0.747	0.0	0.169	
Q3584-03	2.170	0.0	0.447	
Q3584-07	31.572	0.0	6.182	Init abs., Test limit hig
PB170482BL	0.378	0.0	0.097	
PB170482BS	5.351	0.0	1.067	
Q3483-07	30.915	0.0	6.054	Init abs., Test limit hig
Q3530-01	0.232	0.0	0.069	
Q3530-02	0.514	0.0	0.124	
Q3586-02	19.729	0.0	3.872	Init abs., Test limit hig
CCV4	5.118	0.0	1.022	
CCB4	0.161	0.0	0.055	
Q3586-02DUP	19.660	0.0	3.858	Init abs., Test limit hig
Q3586-02MS	22.223	0.0	4.358	Init abs., Test limit hig
Q3586-02MSD	22.373	0.0	4.388	Init abs., Test limit hig
Q3552-01DLX20	7.902	0.0	1.565	
Q3552-02DLX2	6.532	0.0	1.298	
Q3552-03DLX10	8.534	0.0	1.688	
Q3552-05DLX10	6.661	0.0	1.323	
Q3560-07DLX10	4.854	0.0	0.970	
Q3569-01DLX10	3.594	0.0	0.724	
CCV5	4.965	0.0	0.992	
CCB5	-0.023	0.0	0.019	
Q3569-02DLX10	7.098	0.0	1.408	
Q3483-07DLX10	5.586	0.0	1.113	
Q3586-02DLX5	4.526	0.0	0.906	
Q3586-02DUPDLX5	4.428	0.0	0.887	

613787

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

11/12/2025 13:57

Reviewed by : RM

Instrument ID : Konelab

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
Q3484-07DLX20	6.876	0.0	1.365	
CCV6	5.182	0.0	1.034	
CCB6	0.015	0.0	0.026	

N	58
Mean	8.526
SD	10.5347
CV%	123.57

Aquakem v. 7.2AQ1

Results from time period:

Wed Nov 12 10:23:27 2025

Wed Nov 12 13:45:39 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	-0.013	mg/l	11/12/2025 10:23:27	
0.5PPM	A	TKN-NH3	P	0.4527	mg/l	11/12/2025 10:23:28	
1.0PPM	A	TKN-NH3	P	0.9186	mg/l	11/12/2025 10:23:29	
2.5PPM	A	TKN-NH3	P	2.5078	mg/l	11/12/2025 10:23:30	
5.0PPM	A	TKN-NH3	P	5.1098	mg/l	11/12/2025 10:23:31	
6.7PPM	A	TKN-NH3	P	6.8781	mg/l	11/12/2025 10:23:32	
10.0PPM	A	TKN-NH3	P	9.8128	mg/l	11/12/2025 10:23:33	
ICV1	S	TKN-NH3	P	5.0902	mg/l	11/12/2025 11:32:42	
ICB1	S	TKN-NH3	P	-0.0135	mg/l	11/12/2025 11:32:44	
CCV1	S	TKN-NH3	P	4.9809	mg/l	11/12/2025 11:32:46	
CCB1	S	TKN-NH3	P	0.0107	mg/l	11/12/2025 11:32:49	
RL CHECK	S	TKN-NH3	P	0.475	mg/l	11/12/2025 11:32:51	
PB170510BL	S	TKN-NH3	P	-0.0164	mg/l	11/12/2025 11:32:53	
PB170510BS	S	TKN-NH3	P	5.1167	mg/l	11/12/2025 11:43:23	
Q3530-07	S	TKN-NH3	P	0.2412	mg/l	11/12/2025 11:43:26	
Q3530-08	S	TKN-NH3	P	0.5368	mg/l	11/12/2025 11:43:27	
Q3552-01	S	TKN-NH3	P	32.7823	mg/l	11/12/2025 11:43:29	
Q3552-02	S	TKN-NH3	P	13.1601	mg/l	11/12/2025 11:43:30	
Q3552-03	S	TKN-NH3	P	33.6011	mg/l	11/12/2025 11:43:31	
Q3552-04	S	TKN-NH3	P	2.8716	mg/l	11/12/2025 11:43:33	
Q3552-04DUP	S	TKN-NH3	P	2.7009	mg/l	11/12/2025 11:43:34	
CCV2	S	TKN-NH3	P	5.0457	mg/l	11/12/2025 11:54:08	
CCB2	S	TKN-NH3	P	0.0282	mg/l	11/12/2025 11:54:09	
Q3552-04MS	S	TKN-NH3	P	7.3071	mg/l	11/12/2025 11:54:10	
Q3552-04MSD	S	TKN-NH3	P	7.196	mg/l	11/12/2025 11:54:11	
Q3552-05	S	TKN-NH3	P	31.0181	mg/l	11/12/2025 11:54:14	
Q3560-01	S	TKN-NH3	P	8.2499	mg/l	11/12/2025 11:54:15	
Q3560-03	S	TKN-NH3	P	0.101	mg/l	11/12/2025 11:54:16	
Q3560-05	S	TKN-NH3	P	0.4044	mg/l	11/12/2025 11:54:17	
Q3560-07	S	TKN-NH3	P	29.8624	mg/l	11/12/2025 11:54:18	
Q3560-09	S	TKN-NH3	P	1.4411	mg/l	11/12/2025 12:04:51	
Q3569-01	S	TKN-NH3	P	27.813	mg/l	11/12/2025 12:04:52	
Q3569-02	S	TKN-NH3	P	30.8975	mg/l	11/12/2025 12:04:53	
CCV3	S	TKN-NH3	P	5.0676	mg/l	11/12/2025 12:04:54	
CCB3	S	TKN-NH3	P	-0.0141	mg/l	11/12/2025 12:04:55	
Q3584-01	S	TKN-NH3	P	0.6552	mg/l	11/12/2025 12:04:56	
Q3584-02	S	TKN-NH3	P	0.7465	mg/l	11/12/2025 12:04:57	
Q3584-03	S	TKN-NH3	P	2.1705	mg/l	11/12/2025 12:04:58	
Q3584-07	S	TKN-NH3	P	31.5722	mg/l	11/12/2025 12:04:59	

PB170482BL	S	TKN-NH3	P	0.3784 mg/l	11/12/2025 12:05:00
PB170482BS	S	TKN-NH3	P	5.3513 mg/l	11/12/2025 12:05:01
Q3483-07	S	TKN-NH3	P	30.9153 mg/l	11/12/2025 12:05:02
Q3530-01	S	TKN-NH3	P	0.2319 mg/l	11/12/2025 12:15:35
Q3530-02	S	TKN-NH3	P	0.5137 mg/l	11/12/2025 12:15:36
Q3586-02	S	TKN-NH3	P	19.7287 mg/l	11/12/2025 12:15:37
CCV4	S	TKN-NH3	P	5.118 mg/l	11/12/2025 12:15:38
CCB4	S	TKN-NH3	P	0.1611 mg/l	11/12/2025 12:15:39
Q3586-02DUP	S	TKN-NH3	P	19.6598 mg/l	11/12/2025 12:15:40
Q3586-02MS	S	TKN-NH3	P	22.2229 mg/l	11/12/2025 12:15:41
Q3586-02MSD	S	TKN-NH3	P	22.3735 mg/l	11/12/2025 12:15:42
Q3552-01DLX20	S	TKN-NH3	P	7.9015 mg/l	11/12/2025 12:15:43
Q3552-02DLX2	S	TKN-NH3	P	6.5321 mg/l	11/12/2025 12:15:45
Q3552-03DLX10	S	TKN-NH3	P	8.5336 mg/l	11/12/2025 12:15:46
Q3552-05DLX10	S	TKN-NH3	P	6.6612 mg/l	11/12/2025 12:26:19
Q3560-07DLX10	S	TKN-NH3	P	4.8544 mg/l	11/12/2025 12:26:20
Q3569-01DLX10	S	TKN-NH3	P	3.5942 mg/l	11/12/2025 12:26:21
CCV5	S	TKN-NH3	P	4.9652 mg/l	11/12/2025 13:42:24
CCB5	S	TKN-NH3	P	-0.0228 mg/l	11/12/2025 13:42:26
Q3569-02DLX10	S	TKN-NH3	P	7.0982 mg/l	11/12/2025 13:42:27
Q3483-07DLX10	S	TKN-NH3	P	5.586 mg/l	11/12/2025 13:42:28
Q3586-02DLX5	S	TKN-NH3	P	4.5261 mg/l	11/12/2025 13:42:31
Q3586-02DUPDLX5	S	TKN-NH3	P	4.4275 mg/l	11/12/2025 13:42:32
Q3484-07DLX20	S	TKN-NH3	P	6.876 mg/l	11/12/2025 13:42:33
CCV6	S	TKN-NH3	P	5.1821 mg/l	11/12/2025 13:42:34
CCB6	S	TKN-NH3	P	0.0153 mg/l	11/12/2025 13:45:39

=====

Calibration results Aquakem 7.2AQ1 Page: 1

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

11/12/2025 10:27 Reviewed by : RM Instrument ID : Konelab

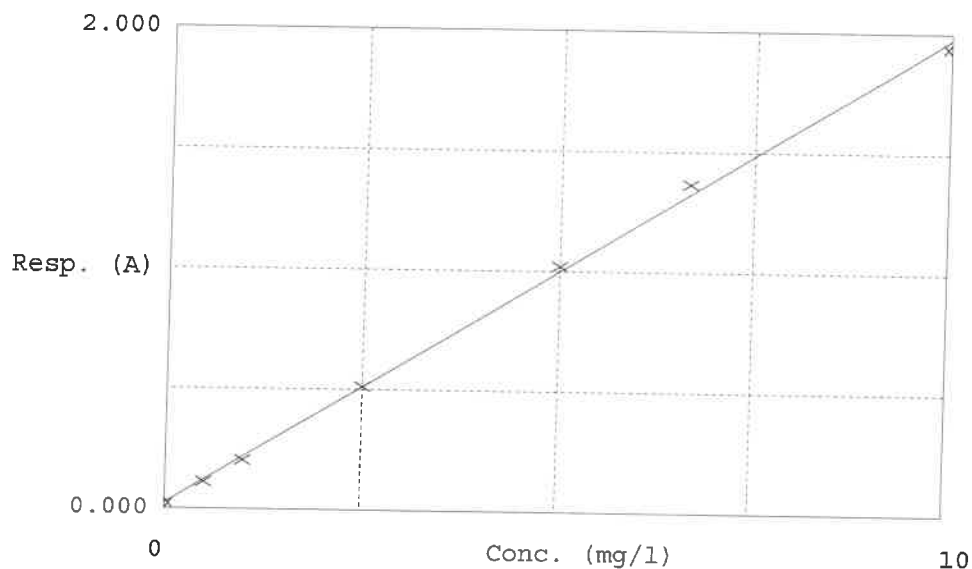
Test TKN-NH3

Accepted 11/12/2025 10:27

Factor 5.126
Bias 0.023

Coeff. of det. 0.998783

Errors



	Calibrator	Response	Calc. con.	Conc.	^{1e} Errors
1	0.00PPM	0.021	-0.0130	0.0000	-
2	TKN-10	0.112	0.4527	0.5000	-9.5
3	TKN-10	0.202	0.9186	1.0000	-8.1
4	TKN-10	0.513	2.5078	2.5000	0.3
5	TKN-10	1.020	5.1098	5.0000	2.2
6	TKN-10	1.365	6.8781	6.6667	2.7
7	TKN-10	1.937	9.8128	10.0000	-1.9

11/12/2025
RM

Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB137903
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	WP115673
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	LB137903BL	LB137903BL		1	100	5.02	4.42	4.12	0.0	0.08	0.16	0.00	0.00	11/14/2025	12:55
2	LB137903BS	LB137903BS	50	1	100	9.52	4.62	4.32	0.00	4.26	4.30	4.22	42.20	11/14/2025	13:00
3	Q3560-03	SY-10S		1	100	5.98	4.65	4.35	0	0.92	1.00	0.84	8.40	11/14/2025	13:05
4	Q3560-03DUP	SY-10SDUP		1	100	5.99	4.57	4.27	0.00	0.90	1.00	0.80	8.00	11/14/2025	13:10

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

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

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 11/10/2025 Time : 12:10 Temp : 124 °C

Matrix : WATER

End Digest Date: 11/10/2025 Time : 13:40 Temp : 127 °C

Pipette ID : WC

Balance ID : N/A

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : MC-1,MC-2

Filter paper ID : N/A

Prep Technician Signature: 

Welgh By : N/A

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP113837
PBW	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP115334
51% w/v MgCL2	N/A	WP115335
pH Paper 0-14	N/A	W3241
Nitrate/Nitrite Strip	N/A	W3182
Lead Acetate strip	N/A	W3134
KI-starch paper	N/A	W3155
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	N/A	AS PER PB170470
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	N/A	AS PER PB170470
LOWSTD	LOWSTD	N/A	AS PER PB170470

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/2025 13:55	 / WC	PRM (WC)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170442BL	PBW442	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB170442BS	LCS442	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-01DUP	SY-10DDUP	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-01MS	SY-10DMS	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-01MSD	SY-10DMSD	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-01	SY-10D	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-03	SY-10S	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-05	SY-10I	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-07	SY-12I	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-09	SY-12D	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3569-01	MW-2	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3569-02	MW-12	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CYNALD-11-07

WorkList ID : 192977

Department : Distillation

Date : 11-07-2025 07:25:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3560-01	H SY-10D	Water	Cyanide	1:1 NaOH to pH >12	LOCK01	J22	11/05/2025	9012B
Q3560-03	H SY-10S	Water	Cyanide	1:1 NaOH to pH >12	LOCK01	J22	11/05/2025	9012B
Q3560-05	H SY-10I	Water	Cyanide	1:1 NaOH to pH >12	LOCK01	J22	11/05/2025	9012B
Q3560-07	H SY-12I	Water	Cyanide	1:1 NaOH to pH >12	LOCK01	J22	11/05/2025	9012B
Q3560-09	H SY-12D	Water	Cyanide	1:1 NaOH to pH >12	LOCK01	J22	11/05/2025	9012B
Q3569-01	F MW-2	Water	Cyanide	1:1 NaOH to pH >12	REMI02	J22	11/05/2025	9012B
Q3569-02	F MW-12	Water	Cyanide	1:1 NaOH to pH >12	REMI02	J22	11/05/2025	9012B

Date/Time 11/10/2025 07:35
 Raw Sample Received by: AD CACCI
 Raw Sample Relinquished by: AD SM

Date/Time 11/10/2025 12:38
 Raw Sample Received by: AD SM
 Raw Sample Relinquished by: AD CACCI

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: 11/10/2025 Time : 11:40 Temp : 150 °C

End Digest Date: 11/10/2025 Time : 12:40 Temp : 160 °C

11 batch
11/10/2025 13:15 1507R
11/10/2025 14:15 1607R

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Filter paper ID : N/A

Prep Technician Signature: *PM*

pH Meter ID : N/A

Supervisor Signature: *12*

Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP115589
MS/MSD SPIKE SOL.	1.0ML	WP115588
PBW	50.0ML	W3112
LOD	0.8ML	WP115585
LOQ	1.0ML	WP115585

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP113886
NAOH 6N	0.5-2.0ML	WP113887
H2SO4 0.04N	5.0ML	WP115336
pH strip-Ammonia	N/A	W3133
KI-starch paper	N/A	W3155
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT WP114104. Due to bad matrix and client history 1ML was taken as an initial volume for Q3554-01

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/2025 14:30	<i>RM (wc)</i>	<i>RM (wc)</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
PB170466BL	PBW466	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB170466BS	LCS466	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3530-07	LOD-MDL-WATER-01-QT4-20 25	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3530-08	LOQ-WATER-02-QT4-2025	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3554-01	EFFLUENT	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3560-01	SY-10D	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3560-01DUP	SY-10DDUP	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3560-01MS	SY-10DMS	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3560-01MSD	SY-10DMSD	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3560-03	SY-10S	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3560-05	SY-10I	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3560-07	SY-12I	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3560-09	SY-12D	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3566-01	WATER-TREATMENT DISCHARGE	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3575-01	001 WILLETS PT BLVD (NOV)	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3575-02	002 35TH AVE (NOV)	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-11-10

WorkList ID : 193018

Department : Distillation

Date : 11-10-2025 09:05:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3530-07	LOD-MDL-WATER-01-QT4-202	Water	Ammonia	Conc H2SO4 to pH < 2	ALLI03	QA Of	11/03/2025	SM4500-NH3
Q3530-08	LOQ-WATER-02-QT4-2025	Water	Ammonia	Conc H2SO4 to pH < 2	ALLI03	QA Of	11/03/2025	SM4500-NH3
Q3554-01	EFFLUENT	Water	Ammonia	Conc H2SO4 to pH < 2	HOLL01	D41	11/05/2025	SM4500-NH3
Q3560-01	SY-10D	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500-NH3
Q3560-03	SY-10S	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500-NH3
Q3560-05	SY-10I	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500-NH3
Q3560-07	SY-12I	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500-NH3
Q3560-09	SY-12D	Water	Ammonia	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500-NH3
Q3566-01	WATER-TREATMENT DISCHAI	Water	Ammonia	Conc H2SO4 to pH < 2	VERI01	J23	11/06/2025	SM4500-NH3
Q3575-01	001 Willets Pt Blvd (Nov)	Water	Ammonia	Conc H2SO4 to pH < 2	TULL01	J11	11/06/2025	SM4500-NH3
Q3575-02	002 35th Ave (Nov)	Water	Ammonia	Conc H2SO4 to pH < 2	TULL01	J11	11/06/2025	SM4500-NH3

Date/Time 11/10/2025 09:00
 Raw Sample Received by: RY W
 Raw Sample Relinquished by: MCEC

Date/Time 11/10/2025 13:45
 Raw Sample Received by: MCEC
 Raw Sample Relinquished by: RY W

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

SDG No : N/A

Start Digest Date: 11/11/2025 Time : 08:10 Temp : 380 °C

Matrix : WATER

End Digest Date: 11/11/2025 Time : 09:40 Temp : 384 °C

Pipette ID : WC

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

Balance ID : N/A

End Distillation Date: 11/11/2025 Time : 11:10 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

Standard Name	MLS USED	STD REF. # FROM LOG
TKN CAL STD	50.0ML	WP115592
TKN CCV STD	50.0ML	WP115593
TKN ICV STD	50.0ML	WP115594
TKN LCS STD	50.0ML	WP115595
MS/MSD SPIKE SOL.	0.25ML	WP115085

Chemical Used	ML/SAMPLE USED	Lot Number
TKN DIGESTION FLUID	10.0ML	WP113135
TKN DISTILLATION BUFFER	10.0ML	WP114445
H2SO4 0.04N	5.0ML	WP115336
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
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

RL CHECK 10ML FROM WP115593,ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT WP114104,LOD115596,LOQ115597

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/2025 14:25	RM CWG	RM CWG
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170510BL	PBW510	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
PB170510BS	LCS510	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3530-07	LOD-MDL-WATER-01-QT4-20 25	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3530-08	LOQ-WATER-02-QT4-2025	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-01	MW-4	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-02	MW-8	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-03	MW-9	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04	MW-10	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04DUP	MW-10DUP	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04MS	MW-10MS	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04MSD	MW-10MSD	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-05	MW-3	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-01	SY-10D	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-03	SY-10S	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-05	SY-10I	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-07	SY-12I	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-09	SY-12D	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3569-01	MW-2	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3569-02	MW-12	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-01	SW-1	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-02	SW-2	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-03	SW-3	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-07	SEEP-1	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TKN-11-10 **WorkList ID :** 193021 **Department :** Distillation **Date :** 11-10-2025 17:12:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3584-01	SW-1	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/06/2025	SM4500 N Org
Q3584-02	SW-2	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/07/2025	SM4500 N Org
Q3584-03	SW-3	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/07/2025	SM4500 N Org
Q3584-04	EB-2	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/06/2025	SM4500 N Org
Q3584-07	SEEP-1	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/07/2025	SM4500 N Org

Date/Time 11/11/2025 07:30
Raw Sample Received by: RLCW
Raw Sample Relinquished by: RLCW

Date/Time 11/11/2025 17:00
Raw Sample Received by: JLCW
Raw Sample Relinquished by: JLCW

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tkn-1107 WorkList ID : 192967 Department : Distillation Date : 11-07-2025 09:02:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3530-07	LOD-MDL-WATER-01-QT4-202	Water	TKN	Conc H2SO4 to pH < 2	ALLI03	QA 01	11/03/2025	SM4500 N Org
Q3530-08	LOQ-WATER-02-QT4-2025	Water	TKN	Conc H2SO4 to pH < 2	ALLI03	QA 01	11/03/2025	SM4500 N Org
Q3560-01	SY-10D	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500 N Org
Q3560-03	SY-10S	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500 N Org
Q3560-05	SY-10I	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500 N Org
Q3560-07	SY-12I	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500 N Org
Q3560-09	SY-12D	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500 N Org
Q3552-01	MW-4	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM4500 N Org
Q3552-02	MW-8	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM4500 N Org
Q3552-03	MW-9	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM4500 N Org
Q3552-04	MW-10	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/05/2025	SM4500 N Org
Q3552-05	MW-3	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM4500 N Org
Q3569-01	MW-2	Water	TKN	Conc H2SO4 to pH < 2	REMI02	J22	11/05/2025	SM4500 N Org
Q3569-02	MW-12	Water	TKN	Conc H2SO4 to pH < 2	REMI02	J22	11/05/2025	SM4500 N Org

Date/Time 11/11/2025 Date/Time 11/11/2025 12:00
 Raw Sample Received by: RM(w17) Raw Sample Received by: JP(w07)
 Raw Sample Relinquished by: JP(w07) Raw Sample Relinquished by: RM(w17)

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137803

Review By	rubina	Review On	11/11/2025 2:03:13 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:07:31 PM
SubDirectory	LB137803	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP115441,WP115442,WP115443,WP115444,WP115445,WP115446,WP115447		
ICV Standard	WP115448		
CCV Standard	WP115505,WP115574		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115504,WP115575		
Chk Standard	WP115449,WP115450		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	11/03/25 15:58	All standards, samples, and	RM/IZ	OK
2	STD2	STD2	CAL2	11/03/25 16:22	QC are filtered through	RM/IZ	OK
3	STD3	STD3	CAL3	11/03/25 17:04	0.45um, filter lot W3160	RM/IZ	OK
4	STD4	STD4	CAL4	11/03/25 17:47		RM/IZ	OK
5	STD5	STD5	CAL5	11/03/25 18:08		RM/IZ	OK
6	STD6	STD6	CAL6	11/03/25 18:30		RM/IZ	OK
7	STD7	STD7	CAL7	11/03/25 18:51		RM/IZ	OK
8	ICV1	ICV1	ICV	11/03/25 19:13		RM/IZ	OK
9	ICB1	ICB1	ICB	11/03/25 19:34		RM/IZ	OK
10	CCV1	CCV1	CCV	11/06/25 09:15		RM/IZ	OK
11	CCB1	CCB1	CCB	11/06/25 09:37		RM/IZ	OK
12	LB137803BLW	LB137803BLW	MB	11/06/25 09:58		RM/IZ	OK
13	LB137803BSW	LB137803BSW	LCS	11/06/25 10:20		RM/IZ	OK
14	Q3551-01	MANHOLE	SAM	11/06/25 10:46		RM/IZ	OK
15	Q3551-01MS	MANHOLEMS	MS	11/06/25 11:09	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
16	Q3551-01MSD	MANHOLEMSD	MSD	11/06/25 11:31	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
17	CCV2	CCV2	CCV	11/06/25 12:01		RM/IZ	OK
18	CCB2	CCB2	CCB	11/06/25 12:25		RM/IZ	OK

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137803

Review By	rubina	Review On	11/11/2025 2:03:13 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:07:31 PM
SubDirectory	LB137803	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP115441,WP115442,WP115443,WP115444,WP115445,WP115446,WP115447		
ICV Standard	WP115448		
CCV Standard	WP115505,WP115574		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115504,WP115575		
Chk Standard	WP115449,WP115450		

19	Q3560-01	SY-10D	SAM	11/06/25 15:13	Cl is high, need dilution	RM/IZ	Dilution
20	Q3560-03	SY-10S	SAM	11/06/25 15:34	Cl is high, need dilution	RM/IZ	Dilution
21	Q3560-05	SY-10I	SAM	11/06/25 15:56	Cl,NO3 is high, need dilution	RM/IZ	Dilution
22	Q3560-07	SY-12I	SAM	11/06/25 16:17	Cl, SO4 is high, need dilution	RM/IZ	Dilution
23	Q3560-09	SY-12D	SAM	11/06/25 16:39	Cl,NO3,SO4 is high, need dilution	RM/IZ	Dilution
24	CCV3	CCV3	CCV	11/06/25 17:00		RM/IZ	OK
25	CCB3	CCB3	CCB	11/06/25 17:43		RM/IZ	OK
26	CCV4	CCV4	CCV	11/07/25 09:00		RM/IZ	OK
27	CCB4	CCB4	CCB	11/07/25 09:22		RM/IZ	OK
28	LB137803BLW2	LB137803BLW2	MB	11/07/25 09:43		RM/IZ	OK
29	LB137803BSW2	LB137803BSW2	LCS	11/07/25 10:05		RM/IZ	OK
30	Q3569-01	MW-2	SAM	11/07/25 10:26		RM/IZ	OK
31	Q3569-02	MW-12	SAM	11/07/25 10:48	No3 High	RM/IZ	Dilution
32	Q3569-01DL	MW-2DL	SAM	11/07/25 11:09	5X For No3	RM/IZ	Confirms
33	Q3560-01DL	SY-10DDL	SAM	11/07/25 11:31	200X For Cl	RM/IZ	Confirms
34	Q3560-03DL	SY-10SDL	SAM	11/07/25 11:52	5X For Cl	RM/IZ	Confirms
35	Q3560-05DL	SY-10IDL	SAM	11/07/25 12:14	20X For Cl,NO3	RM/IZ	Confirms
36	Q3560-07DL	SY-12IDL	SAM	11/07/25 12:35	5X for Cl	RM/IZ	Dilution
37	Q3560-07DL2	SY-12IDL2	SAM	11/07/25 12:57	50X For Cl	RM/IZ	Confirms

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137803

Review By	rubina	Review On	11/11/2025 2:03:13 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:07:31 PM
SubDirectory	LB137803	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP115441,WP115442,WP115443,WP115444,WP115445,WP115446,WP115447		
ICV Standard	WP115448		
CCV Standard	WP115505,WP115574		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115504,WP115575		
Chk Standard	WP115449,WP115450		

38	CCV5	CCV5	CCV	11/07/25 13:19		RM/IZ	OK
39	CCB5	CCB5	CCB	11/07/25 13:40		RM/IZ	OK
40	Q3560-09DL	SY-12DDL	SAM	11/07/25 14:02	2X For Cl, SO4 ,still high	RM/IZ	Dilution
41	Q3560-09DL2	SY-12DDL2	SAM	11/07/25 14:45	20X For Cl, SO4	RM/IZ	Confirms
42	CCV6	CCV6	CCV	11/07/25 15:28		RM/IZ	OK
43	CCB6	CCB6	CCB	11/07/25 15:49		RM/IZ	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB137805

Review By	jignesh	Review On	11/7/2025 12:00:22 PM
Supervise By	Iwona	Supervise On	11/7/2025 1:15:06 PM
SubDirectory	LB137805	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	LB137805BL	LB137805BL	MB	11/06/25 11:30		jignesh	OK
2	LB137805BS	LB137805BS	LCS	11/06/25 11:30	WP115544	jignesh	OK
3	Q3552-01	MW-4	SAM	11/06/25 11:30		jignesh	OK
4	Q3552-02	MW-8	SAM	11/06/25 11:30		jignesh	OK
5	Q3552-03	MW-9	SAM	11/06/25 11:30		jignesh	OK
6	Q3552-04	MW-10	SAM	11/06/25 11:30		jignesh	OK
7	Q3552-05	MW-3	SAM	11/06/25 11:30		jignesh	OK
8	Q3552-05DUP	MW-3DUP	DUP	11/06/25 11:30		jignesh	OK
9	Q3560-01	SY-10D	SAM	11/06/25 11:30		jignesh	OK
10	Q3560-03	SY-10S	SAM	11/06/25 11:30		jignesh	OK
11	Q3560-05	SY-10I	SAM	11/06/25 11:30		jignesh	OK
12	Q3560-07	SY-12I	SAM	11/06/25 11:30		jignesh	OK
13	Q3560-09	SY-12D	SAM	11/06/25 11:30		jignesh	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137806

Review By	jignesh	Review On	11/7/2025 9:40:59 AM
Supervise By	Iwona	Supervise On	11/7/2025 1:14:55 PM
SubDirectory	LB137806	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	11/06/25 16:00		jignesh	OK
2	CAL2	CAL2	CAL	11/06/25 16:01		jignesh	OK
3	CAL3	CAL3	CAL	11/06/25 16:02		jignesh	OK
4	ICV	ICV	ICV	11/06/25 16:05		jignesh	OK
5	CCV1	CCV1	CCV	11/06/25 16:07		jignesh	OK
6	Q3560-01	SY-10D	SAM	11/06/25 16:14		jignesh	OK
7	Q3560-01DUP	SY-10DDUP	DUP	11/06/25 16:17		jignesh	OK
8	Q3560-03	SY-10S	SAM	11/06/25 16:20		jignesh	OK
9	Q3560-05	SY-10I	SAM	11/06/25 16:25		jignesh	OK
10	Q3560-07	SY-12I	SAM	11/06/25 16:35		jignesh	OK
11	Q3560-09	SY-12D	SAM	11/06/25 16:39		jignesh	OK
12	Q3561-02	1027-A	SAM	11/06/25 16:44		jignesh	OK
13	Q3561-03	1027-B	SAM	11/06/25 16:50		jignesh	OK
14	Q3561-04	1027-C	SAM	11/06/25 16:55		jignesh	OK
15	Q3561-05	1027-D	SAM	11/06/25 16:59		jignesh	OK
16	CCV2	CCV2	CCV	11/06/25 17:00		jignesh	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB137812

Review By	jignesh	Review On	11/7/2025 9:56:13 AM
Supervise By	Iwona	Supervise On	11/7/2025 1:14:19 PM
SubDirectory	LB137812	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	LB137812BL	LB137812BL	MB	11/07/25 10:00		jignesh	OK
2	LB137812BS	LB137812BS	LCS	11/07/25 10:00	55 mg W3186 + 100ML W3112	jignesh	OK
3	Q3547-02	Comp	SAM	11/07/25 10:00		jignesh	OK
4	Q3550-01	DRAIN-WATER-TANK	SAM	11/07/25 10:00		jignesh	OK
5	Q3551-04	MANHOLE	SAM	11/07/25 10:00		jignesh	OK
6	Q3551-04DUP	MANHOLEDUP	DUP	11/07/25 10:00		jignesh	OK
7	Q3554-01	EFFLUENT	SAM	11/07/25 10:00		jignesh	OK
8	Q3554-04	AERATION	SAM	11/07/25 10:00		jignesh	OK
9	Q3560-01	SY-10D	SAM	11/07/25 10:00		jignesh	OK
10	Q3560-03	SY-10S	SAM	11/07/25 10:00		jignesh	OK
11	Q3560-05	SY-10I	SAM	11/07/25 10:00		jignesh	OK
12	Q3560-07	SY-12I	SAM	11/07/25 10:00		jignesh	OK
13	Q3560-09	SY-12D	SAM	11/07/25 10:00		jignesh	OK

Instrument ID: WC TURBIDIMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137817

Review By	Iwona	Review On	11/7/2025 12:01:02 PM
Supervise By	jignesh	Supervise On	11/7/2025 12:04:41 PM
SubDirectory	LB137817	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	WP115524,WP115522,WP115517,WP115516,WP115520,WP115519,WP115523,WP115518,W3116		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/07/25 08:32		Iwona	OK
2	CAL2	CAL2	CAL	11/07/25 08:35		Iwona	OK
3	CAL3	CAL3	CAL	11/07/25 08:38		Iwona	OK
4	CAL4	CAL4	CAL	11/07/25 08:41		Iwona	OK
5	CAL5	CAL5	CAL	11/07/25 08:44		Iwona	OK
6	CAL6	CAL6	CAL	11/07/25 08:47		Iwona	OK
7	ICV	ICV	ICV	11/07/25 08:50		Iwona	OK
8	ICB	ICB	ICB	11/07/25 08:53		Iwona	OK
9	CCV1	CCV1	CCV	11/07/25 08:56		Iwona	OK
10	CCB1	CCB1	CCB	11/07/25 08:59		Iwona	OK
11	LB137817BL	LB137817BL	MB	11/07/25 09:02		Iwona	OK
12	Q3530-10	LOD-MDL-WATER-04	SAM	11/07/25 09:05		Iwona	OK
13	Q3530-11	LOQ-WATER-05-QT4	SAM	11/07/25 09:08		Iwona	OK
14	Q3560-01	SY-10D	SAM	11/07/25 09:11		Iwona	OK
15	Q3560-03	SY-10S	SAM	11/07/25 09:15		Iwona	OK
16	Q3560-05	SY-10I	SAM	11/07/25 09:18		Iwona	OK
17	Q3560-07	SY-12I	SAM	11/07/25 09:21		Iwona	OK
18	Q3560-09	SY-12D	SAM	11/07/25 09:24		Iwona	OK

Instrument ID: WC TURBIDIMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137817

Review By	Iwona	Review On	11/7/2025 12:01:02 PM
Supervise By	jignesh	Supervise On	11/7/2025 12:04:41 PM
SubDirectory	LB137817	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	WP115524,WP115522,WP115517,WP115516,WP115520,WP115519,WP115523,WP115518,W3116		

19	Q3560-09DUP	SY-12DDUP	DUP	11/07/25 09:27		Iwona	OK
20	CCV2	CCV2	CCV	11/07/25 09:30		Iwona	OK
21	CCB2	CCB2	CCB	11/07/25 09:33		Iwona	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137840

Review By	rubina	Review On	11/11/2025 12:55:24 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:08:01 PM
SubDirectory	LB137840	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115577,WP115578,WP115579,WP115580,WP115581,WP115582,WP115583		
ICV Standard	W3012		
CCV Standard	WP115578		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115585		

Sr#	SampleID	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/10/25 10:56		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/10/25 10:56		rubina	OK
3	10PPBCN	10PPBCN	CAL3	11/10/25 10:56		rubina	OK
4	50PPBCN	50PPBCN	CAL4	11/10/25 10:56		rubina	OK
5	100PPBCN	100PPBCN	CAL5	11/10/25 10:56		rubina	OK
6	250PPBCN	250PPBCN	CAL6	11/10/25 10:56		rubina	OK
7	500PPBCN	500PPBCN	CAL7	11/10/25 10:56		rubina	OK
8	ICV1	ICV1	ICV	11/10/25 14:17		rubina	OK
9	ICB1	ICB1	ICB	11/10/25 14:17		rubina	OK
10	CCV1	CCV1	CCV	11/10/25 14:17		rubina	OK
11	CCB1	CCB1	CCB	11/10/25 14:17		rubina	OK
12	PB170470BL	PB170470BL	MB	11/10/25 14:17		rubina	OK
13	PB170470BS	PB170470BS	LCS	11/10/25 14:17		rubina	OK
14	LOWPB170440	LOWPB170440	SAM	11/10/25 14:24		rubina	OK
15	HIGHPB170440	HIGHPB170440	SAM	11/10/25 14:24		rubina	OK
16	PB170442BL	PB170442BL	MB	11/10/25 14:24		rubina	OK
17	PB170442BS	PB170442BS	LCS	11/10/25 14:24		rubina	OK
18	Q3560-01	SY-10D	SAM	11/10/25 14:24		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137840

Review By	rubina	Review On	11/11/2025 12:55:24 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:08:01 PM
SubDirectory	LB137840	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115577,WP115578,WP115579,WP115580,WP115581,WP115582,WP115583		
ICV Standard	W3012		
CCV Standard	WP115578		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115585		

19	Q3560-01DUP	SY-10DDUP	DUP	11/10/25 14:32		rubina	OK
20	Q3560-01MS	SY-10DMS	MS	11/10/25 14:32		rubina	OK
21	Q3560-01MSD	SY-10DMSD	MSD	11/10/25 14:32		rubina	OK
22	CCV2	CCV2	CCV	11/10/25 14:32		rubina	OK
23	CCB2	CCB2	CCB	11/10/25 14:32		rubina	OK
24	Q3560-03	SY-10S	SAM	11/10/25 14:32		rubina	OK
25	Q3560-05	SY-10I	SAM	11/10/25 14:32		rubina	OK
26	Q3560-07	SY-12I	SAM	11/10/25 14:39		rubina	OK
27	Q3560-09	SY-12D	SAM	11/10/25 14:39		rubina	OK
28	Q3569-01	MW-2	SAM	11/10/25 14:39		rubina	OK
29	Q3569-02	MW-12	SAM	11/10/25 14:39		rubina	OK
30	Q3580-01	346	SAM	11/10/25 14:39		rubina	OK
31	Q3580-01DUP	346DUP	DUP	11/10/25 14:39		rubina	OK
32	Q3580-01MS	346MS	MS	11/10/25 14:39		rubina	OK
33	Q3580-01MSD	346MSD	MSD	11/10/25 14:40		rubina	OK
34	CCV3	CCV3	CCV	11/10/25 14:40		rubina	OK
35	CCB3	CCB3	CCB	11/10/25 14:47		rubina	OK
36	Q3586-02	SED-2	SAM	11/10/25 14:47		rubina	OK
37	Q3586-03	SED-3	SAM	11/10/25 14:47		rubina	OK
38	Q3587-01	NB-08-110725	SAM	11/10/25 14:47		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137840

Review By	rubina	Review On	11/11/2025 12:55:24 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:08:01 PM
SubDirectory	LB137840	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115577,WP115578,WP115579,WP115580,WP115581,WP115582,WP115583		
ICV Standard	W3012		
CCV Standard	WP115578		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115585		

39	Q3588-01	TR-06-11072025	SAM	11/10/25 14:47		rubina	OK
40	Q3588-03	TR-01-11072025	SAM	11/10/25 14:47		rubina	OK
41	Q3586-01	SED-1	SAM	11/10/25 14:47		rubina	OK
42	Q3582-04	RT4912	SAM	11/10/25 15:00		rubina	OK
43	Q3583-04	CHRT27080	SAM	11/10/25 15:05		rubina	OK
44	CCV4	CCV4	CCV	11/10/25 15:05		rubina	OK
45	CCB4	CCB4	CCB	11/10/25 15:05		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137852

Review By	rubina	Review On	11/12/2025 1:03:52 PM
Supervise By	Iwona	Supervise On	11/12/2025 1:04:18 PM
SubDirectory	LB137852	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP115598		
ICV Standard	WP115600		
CCV Standard	WP115599		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115589		
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115590		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	11/11/25 10:21		rubina	OK
2	0.1PPM	0.1PPM	CAL2	11/11/25 10:21		rubina	OK
3	0.2PPM	0.2PPM	CAL3	11/11/25 10:21		rubina	OK
4	0.4PPM	0.4PPM	CAL4	11/11/25 10:21		rubina	OK
5	1.0PPM	1.0PPM	CAL5	11/11/25 10:21		rubina	OK
6	1.3PPM	1.3PPM	CAL6	11/11/25 10:21		rubina	OK
7	2.0PPM	2.0PPM	CAL7	11/11/25 10:21		rubina	OK
8	ICV1	ICV1	ICV	11/11/25 11:35		rubina	OK
9	ICB1	ICB1	ICB	11/11/25 11:35		rubina	OK
10	CCV1	CCV1	CCV	11/11/25 11:35		rubina	OK
11	CCB1	CCB1	CCB	11/11/25 11:35		rubina	OK
12	RL	RL	LOQ	11/11/25 11:35		rubina	OK
13	PB170466BL	PB170466BL	MB	11/11/25 11:45		rubina	OK
14	PB170466BS	PB170466BS	LCS	11/11/25 11:46		rubina	OK
15	Q3530-08	LOQ-WATER-02-QT4	LOQ	11/11/25 11:46		rubina	OK
16	Q3554-01	EFFLUENT	SAM	11/11/25 11:46	NH3 is high, need dilution	rubina	Dilution
17	Q3560-01	SY-10D	SAM	11/11/25 11:46	NH3 is high, need dilution	rubina	Dilution
18	Q3560-01DUP	SY-10DDUP	DUP	11/11/25 11:56	NH3 is high, need dilution	rubina	Dilution

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137852

Review By	rubina	Review On	11/12/2025 1:03:52 PM
Supervise By	Iwona	Supervise On	11/12/2025 1:04:18 PM
SubDirectory	LB137852	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP115598		
ICV Standard	WP115600		
CCV Standard	WP115599		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115589		
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115590		

19	Q3560-01MS	SY-10DMS	MS	11/11/25 11:56		rubina	OK
20	Q3560-01MSD	SY-10DMSD	MSD	11/11/25 11:56		rubina	OK
21	CCV2	CCV2	CCV	11/11/25 11:56		rubina	OK
22	CCB2	CCB2	CCB	11/11/25 11:56		rubina	OK
23	Q3560-03	SY-10S	SAM	11/11/25 11:56		rubina	OK
24	Q3560-05	SY-10I	SAM	11/11/25 11:56		rubina	OK
25	Q3560-07	SY-12I	SAM	11/11/25 12:07	NH3 is high, need dilution	rubina	Dilution
26	Q3560-09	SY-12D	SAM	11/11/25 12:07		rubina	OK
27	Q3566-01	WATER-TREATMENT	SAM	11/11/25 12:07		rubina	OK
28	Q3575-01	001 Willets Pt Blvd (N	SAM	11/11/25 12:07	NH3 is high, need dilution	rubina	Dilution
29	Q3575-02	002 35th Ave (Nov)	SAM	11/11/25 12:07	NH3 is high, need dilution	rubina	Dilution
30	PB170467BL	PB170467BL	MB	11/11/25 12:07		rubina	OK
31	PB170467BS	PB170467BS	LCS	11/11/25 12:07		rubina	OK
32	CCV3	CCV3	CCV	11/11/25 12:18		rubina	OK
33	CCB3	CCB3	CCB	11/11/25 12:18		rubina	OK
34	Q3530-02	LOQ-SOIL-02-QT4-20	LOQ	11/11/25 12:18		rubina	OK
35	Q3483-07	HW1025-PT-NUT-SO	SAM	11/11/25 12:18	NH3 is high, need dilution	rubina	Dilution
36	CCV4	CCV4	CCV	11/11/25 12:28		rubina	OK
37	CCB4	CCB4	CCB	11/11/25 12:28		rubina	OK
38	Q3554-01DL	EFFLUENTDL	SAM	11/11/25 13:06	10X For NH3	rubina	Confirms

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137852

Review By	rubina	Review On	11/12/2025 1:03:52 PM
Supervise By	Iwona	Supervise On	11/12/2025 1:04:18 PM
SubDirectory	LB137852	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP115598		
ICV Standard	WP115600		
CCV Standard	WP115599		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115589		
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115590		

39	Q3560-01DL	SY-10DDL	SAM	11/11/25 13:06	10X For NH3	rubina	Confirms
40	Q3560-01DUPDL	SY-10DDUPDL	DUP	11/11/25 13:06	10X For NH3	rubina	Confirms
41	Q3560-07DL	SY-12IDL	SAM	11/11/25 13:06	20x For NH3 Still high	rubina	Dilution
42	Q3575-01DL	001 Willets Pt Blvd (N	SAM	11/11/25 13:16	5X For NH3	rubina	Confirms
43	Q3575-02DL	002 35th Ave (Nov)DL	SAM	11/11/25 13:16	5X For NH3	rubina	Confirms
44	Q3483-07DL	HW1025-PT-NUT-SO	SAM	11/11/25 13:16	20x For NH3	rubina	Confirms
45	CCV5	CCV5	CCV	11/11/25 13:22		rubina	OK
46	CCB5	CCB5	CCB	11/11/25 13:22		rubina	OK
47	Q3530-07	LOD-MDL-WATER-01	SAM	11/11/25 13:46		rubina	OK
48	Q3530-01	LOD-MDL-SOIL-01-Q	SAM	11/11/25 13:46		rubina	OK
49	Q3560-07DL2	SY-12IDL2	SAM	11/11/25 13:46	40X For NH3	rubina	Confirms
50	CCV6	CCV6	CCV	11/11/25 13:46		rubina	OK
51	CCB6	CCB6	CCB	11/11/25 13:46		rubina	OK

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB137854

Review By	rubina	Review On	11/11/2025 5:09:26 PM
Supervise By	Iwona	Supervise On	11/11/2025 5:11:57 PM
SubDirectory	LB137854	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	WP115510,W3149,WP115342,W3103,W3109,W3248,WP115512,WP115511,WP113878		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137854BL	LB137854BL	MB	11/06/25 16:00		rubina	OK
2	LB137854BS	LB137854BS	LCS	11/06/25 16:00		rubina	OK
3	Q3560-01	SY-10D	SAM	11/06/25 16:00		rubina	OK
4	Q3560-01DUP	SY-10DDUP	DUP	11/06/25 16:00		rubina	OK
5	Q3560-03	SY-10S	SAM	11/06/25 16:00		rubina	OK
6	Q3560-05	SY-10I	SAM	11/06/25 16:00		rubina	OK
7	Q3560-07	SY-12I	SAM	11/06/25 16:00		rubina	OK
8	Q3560-09	SY-12D	SAM	11/06/25 16:00		rubina	OK

Instrument ID: TOC

Daily Analysis Runlog For Sequence/QC Batch ID # LB137861

Review By	rubina	Review On	11/14/2025 2:07:53 PM
Supervise By	Iwona	Supervise On	11/17/2025 3:50:48 PM
SubDirectory	LB137861	Test	TOC
STD. NAME	STD REF.#		
ICAL Standard	WP115042,WP115043,WP115044,WP115045,WP115046,WP115047,WP115048		
ICV Standard	WP115049		
CCV Standard	WP115629,WP115639		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115630		
Chk Standard	WP115035,WP115050,WP115055		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	10/06/25 10:48		RM IZ	OK
2	0.5PPM	0.5PPM	CAL2	10/06/25 11:11		RM IZ	OK
3	1.0PPM	1.0PPM	CAL3	10/06/25 12:49		RM IZ	OK
4	2.0PPM	2.0PPM	CAL4	10/06/25 13:17		RM IZ	OK
5	5.0PPM	5.0PPM	CAL5	10/06/25 13:47		RM IZ	OK
6	10.0PPM	10.0PPM	CAL6	10/06/25 14:18		RM IZ	OK
7	20.0PPM	20.0PPM	CAL7	10/06/25 14:50		RM IZ	OK
8	ICV1	ICV1	ICV	10/06/25 15:21		RM IZ	OK
9	ICB1	ICB1	ICB	10/06/25 15:44		RM IZ	OK
10	IC-20	IC-20	SAM	10/06/25 16:07		RM IZ	OK
11	IC-R	IC-R	SAM	10/06/25 16:31		RM IZ	OK
12	CCV1	CCV1	CCV	11/12/25 09:17		RM IZ	OK
13	CCB1	CCB1	CCB	11/12/25 09:41		RM IZ	OK
14	LB137861BLW	LB137861BLW	MB	11/12/25 10:27		RM IZ	OK
15	LB137861BSW	LB137861BSW	LCS	11/12/25 11:50		RM IZ	OK
16	Q3560-01	SY-10D	SAM	11/12/25 12:14		RM IZ	OK
17	Q3560-03	SY-10S	SAM	11/12/25 12:38		RM IZ	OK
18	Q3560-03MS	SY-10SMS	MS	11/12/25 13:05	2.0ml WP115627 +38.0ml Sample	RM IZ	OK

Instrument ID: TOC

Daily Analysis Runlog For Sequence/QC Batch ID # LB137861

Review By	rubina	Review On	11/14/2025 2:07:53 PM
Supervise By	Iwona	Supervise On	11/17/2025 3:50:48 PM
SubDirectory	LB137861	Test	TOC
STD. NAME	STD REF.#		
ICAL Standard	WP115042,WP115043,WP115044,WP115045,WP115046,WP115047,WP115048		
ICV Standard	WP115049		
CCV Standard	WP115629,WP115639		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115630		
Chk Standard	WP115035,WP115050,WP115055		

19	Q3560-03MSD	SY-10SMSD	MSD	11/12/25 13:31	2.0ml WP115627 +38.0ml Sample	RM IZ	OK
20	Q3560-05	SY-10I	SAM	11/12/25 13:55		RM IZ	OK
21	Q3560-07	SY-12I	SAM	11/12/25 14:21		RM IZ	OK
22	Q3560-09	SY-12D	SAM	11/12/25 15:10		RM IZ	OK
23	CCV2	CCV2	CCV	11/12/25 20:15		RM IZ	OK
24	CCB2	CCB2	CCB	11/12/25 21:03		RM IZ	OK

Instrument ID: TITRATOR

Daily Analysis Runlog For Sequence/QC Batch ID # LB137863

Review By	rubina	Review On	11/17/2025 1:48:35 PM
Supervise By	Iwona	Supervise On	11/17/2025 1:49:08 PM
SubDirectory	LB137863	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	WP115673		
Chk Standard	W3217,W3178,W3150		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137863BLW	LB137863BLW	MB	11/14/25 12:05	pH-4.24	Iwona	OK
2	LB137863BSW	LB137863BSW	LCS	11/14/25 12:09	pH-4.36	Iwona	OK
3	Q3560-01	SY-10D	SAM	11/14/25 12:15	pH-4.34	Iwona	OK
4	Q3560-01DUP	SY-10DDUP	DUP	11/14/25 12:20	pH-4.28	Iwona	OK
5	Q3560-03	SY-10S	SAM	11/14/25 12:24	pH-4.42 - low level	Iwona	Not Ok
6	Q3560-05	SY-10I	SAM	11/14/25 12:28	pH-4.32	Iwona	OK
7	Q3560-07	SY-12I	SAM	11/14/25 12:35	pH-4.44	Iwona	OK
8	Q3560-09	SY-12D	SAM	11/14/25 12:39	pH-4.35	Iwona	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN
STD. NAME	STD REF.#		
ICAL Standard	WP115592		
ICV Standard	WP115594		
CCV Standard	WP115593		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115595		
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	11/12/25 10:23		rubina	OK
2	0.5PPM	0.5PPM	CAL2	11/12/25 10:23		rubina	OK
3	1.0PPM	1.0PPM	CAL3	11/12/25 10:23		rubina	OK
4	2.5PPM	2.5PPM	CAL4	11/12/25 10:23		rubina	OK
5	5.0PPM	5.0PPM	CAL5	11/12/25 10:23		rubina	OK
6	6.7PPM	6.7PPM	CAL6	11/12/25 10:23		rubina	OK
7	10.0PPM	10.0PPM	CAL7	11/12/25 10:23		rubina	OK
8	ICV1	ICV1	ICV	11/12/25 11:32		rubina	OK
9	ICB1	ICB1	ICB	11/12/25 11:32		rubina	OK
10	CCV1	CCV1	CCV	11/12/25 11:32		rubina	OK
11	CCB1	CCB1	CCB	11/12/25 11:32		rubina	OK
12	RL	RL	LOQ	11/12/25 11:32		rubina	OK
13	PB170510BL	PB170510BL	MB	11/12/25 11:32		rubina	OK
14	PB170510BS	PB170510BS	LCS	11/12/25 11:43		rubina	OK
15	Q3530-07	LOD-MDL-WATER-01	SAM	11/12/25 11:43		rubina	OK
16	Q3530-08	LOQ-WATER-02-QT4	LOQ	11/12/25 11:43		rubina	OK
17	Q3552-01	MW-4	SAM	11/12/25 11:43	TKN high, need dilution	rubina	Dilution
18	Q3552-02	MW-8	SAM	11/12/25 11:43	TKN high, need dilution	rubina	Dilution

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN
STD. NAME	STD REF.#		
ICAL Standard	WP115592		
ICV Standard	WP115594		
CCV Standard	WP115593		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115595		
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597		

19	Q3552-03	MW-9	SAM	11/12/25 11:43	TKN high, need dilution	rubina	Dilution
20	Q3552-04	MW-10	SAM	11/12/25 11:43		rubina	OK
21	Q3552-04DUP	MW-10DUP	DUP	11/12/25 11:43		rubina	OK
22	CCV2	CCV2	CCV	11/12/25 11:54		rubina	OK
23	CCB2	CCB2	CCB	11/12/25 11:54		rubina	OK
24	Q3552-04MS	MW-10MS	MS	11/12/25 11:54		rubina	OK
25	Q3552-04MSD	MW-10MSD	MSD	11/12/25 11:54		rubina	OK
26	Q3552-05	MW-3	SAM	11/12/25 11:54	TKN high, need dilution	rubina	Dilution
27	Q3560-01	SY-10D	SAM	11/12/25 11:54		rubina	OK
28	Q3560-03	SY-10S	SAM	11/12/25 11:54		rubina	OK
29	Q3560-05	SY-10I	SAM	11/12/25 11:54		rubina	OK
30	Q3560-07	SY-12I	SAM	11/12/25 11:54	TKN high, need dilution	rubina	Dilution
31	Q3560-09	SY-12D	SAM	11/12/25 12:04		rubina	OK
32	Q3569-01	MW-2	SAM	11/12/25 12:04	TKN high, need dilution	rubina	Dilution
33	Q3569-02	MW-12	SAM	11/12/25 12:04	TKN high, need dilution	rubina	Dilution
34	CCV3	CCV3	CCV	11/12/25 12:04		rubina	OK
35	CCB3	CCB3	CCB	11/12/25 12:04		rubina	OK
36	Q3584-01	SW-1	SAM	11/12/25 12:04		rubina	OK
37	Q3584-02	SW-2	SAM	11/12/25 12:04		rubina	OK
38	Q3584-03	SW-3	SAM	11/12/25 12:04		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN
STD. NAME	STD REF.#		
ICAL Standard	WP115592		
ICV Standard	WP115594		
CCV Standard	WP115593		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115595		
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597		

39	Q3584-07	SEEP-1	SAM	11/12/25 12:04	TKN high, need dilution	rubina	Dilution
40	PB170482BL	PB170482BL	MB	11/12/25 12:05		rubina	OK
41	PB170482BS	PB170482BS	LCS	11/12/25 12:05		rubina	OK
42	Q3483-07	HW1025-PT-NUT-SO	SAM	11/12/25 12:05	TKN high, need dilution	rubina	Dilution
43	Q3530-01	LOD-MDL-SOIL-01-Q	SAM	11/12/25 12:15		rubina	OK
44	Q3530-02	LOQ-SOIL-02-QT4-20	LOQ	11/12/25 12:15		rubina	OK
45	Q3586-02	SED-2	SAM	11/12/25 12:15	TKN high, need dilution	rubina	Dilution
46	CCV4	CCV4	CCV	11/12/25 12:15		rubina	OK
47	CCB4	CCB4	CCB	11/12/25 12:15		rubina	OK
48	Q3586-02DUP	SED-2DUP	DUP	11/12/25 12:15	TKN high, need dilution	rubina	Dilution
49	Q3586-02MS	SED-2MS	MS	11/12/25 12:15		rubina	OK
50	Q3586-02MSD	SED-2MSD	MSD	11/12/25 12:15		rubina	OK
51	Q3552-01DL	MW-4DL	SAM	11/12/25 12:15	20X For TKN	rubina	Confirms
52	Q3552-02DL	MW-8DL	SAM	11/12/25 12:15	2X For TKN	rubina	Confirms
53	Q3552-03DL	MW-9DL	SAM	11/12/25 12:15	10X For TKN	rubina	Confirms
54	Q3552-05DL	MW-3DL	SAM	11/12/25 12:26	10X For TKN	rubina	Confirms
55	Q3560-07DL	SY-12IDL	SAM	11/12/25 12:26	10X For TKN	rubina	Confirms
56	Q3569-01DL	MW-2DL	SAM	11/12/25 12:26	10X For TKN	rubina	Confirms
57	CCV5	CCV5	CCV	11/12/25 13:42		rubina	OK
58	CCB5	CCB5	CCB	11/12/25 13:42		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN
STD. NAME	STD REF.#		
ICAL Standard	WP115592		
ICV Standard	WP115594		
CCV Standard	WP115593		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115595		
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597		

59	Q3569-02DL	MW-12DL	SAM	11/12/25 13:42	10X For TKN	rubina	Confirms
60	Q3483-07DL	HW1025-PT-NUT-SO	SAM	11/12/25 13:42	10X For TKN	rubina	Confirms
61	Q3586-02DL	SED-2DL	SAM	11/12/25 13:42	5X For TKN	rubina	Confirms
62	Q3586-02DUPDL	SED-2DUPDL	DUP	11/12/25 13:42	5X For TKN	rubina	Confirms
63	Q3584-07DL	SEEP-1DL	SAM	11/12/25 13:42	20X For TKN	rubina	Confirms
64	CCV6	CCV6	CCV	11/12/25 13:42		rubina	OK
65	CCB6	CCB6	CCB	11/12/25 13:45		rubina	OK

Instrument ID: TITRATOR

Daily Analysis Runlog For Sequence/QC Batch ID # LB137903

Review By	Iwona	Review On	11/14/2025 1:58:39 PM
Supervise By	JIGNESH	Supervise On	11/14/2025 2:04:49 PM
SubDirectory	LB137903	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	WP115673,W3150		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137903BL	LB137903BL	MB	11/14/25 12:55		Iwona	OK
2	LB137903BS	LB137903BS	LCS	11/14/25 13:00		Iwona	OK
3	Q3560-03	SY-10S	SAM	11/14/25 13:05		Iwona	OK
4	Q3560-03DUP	SY-10SDUP	DUP	11/14/25 13:10		Iwona	OK



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

Instrument ID:

Daily Analysis Runlog For Sequence/QC Batch ID #

Review By		Review On					
Supervise By		Supervise On					
STD. NAME		STD REF.#					
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard							
Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

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

CLIENT PROJECT INFORMATION

PROJECT NAME:
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

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

ANALYSIS

DATA TURNAROUND INFORMATION

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

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ 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				
			COMP	GRAB	DATE	TIME		E	D	B	C	A					
1. <u>SY-10D</u>	<u>SY-10 D</u>	<u>GW</u>		<u>X</u>	<u>11/5/25</u>	<u>9:15</u>	<u>14</u>	<u>5</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>2</u>					
2. <u>SY-10S</u>	<u>SY-10 S</u>					<u>10:00</u>											
3. <u>SY-10I</u>	<u>SY-10 I</u>					<u>12:00</u>											
4. <u>SY-12I</u>	<u>SY-12 I</u>					<u>2:15</u>											
5. <u>SY-12D</u>	<u>SY-12 D</u>					<u>4:00</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>					
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. <u>Cate Blachly</u>	DATE/TIME: <u>11/5/25</u>	RECEIVED BY: <u>[Signature]</u> <u>1000</u> <u>11-6-25</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>38</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>11-6-25</u>	RECEIVED BY: 3. <u>13:28</u>	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

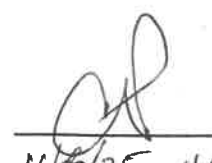
Laboratory Certification

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

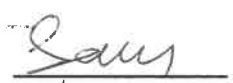
LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3560	LOCK01	Order Date : 11/6/2025 10:13:00 AM	Project Mgr :
Client Name : Lockwood, Kessler & Bartl		Project Name : Syosset Landfill 2025	Report Type : NYS ASPB Level 2/
Client Contact : John Gerlach		Receive DateTime : 11/6/2025 1:28:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Lockwood, Kessler & Bartl		Purchase Order :	Hard Copy Date :
Invoice Contact : John Gerlach			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3560-01	SY-10D	Water	11/05/2025	09:15					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3560-03	SY-10S	Water	11/05/2025	10:00					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3560-05	SY-10I	Water	11/05/2025	12:00					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3560-07	SY-12I	Water	11/05/2025	14:15					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3560-09	SY-12D	Water	11/05/2025	16:00					
					VOCMS Group1		8260-Low	10 Bus. Days	

Relinquished By : 

Date / Time : 11/6/25 14:28

Received By : 

Date / Time : 11/06/25 14:28 By: 4

Storage Area : VOA Refridgerator Room