

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:	Q3551	OrderDate:	11/5/2025 2:16:00 PM
Client:	Spectra East Inc.	Project:	Outfall 001 - Orangetown Dis Permit 2025
Contact:	Jacob Valeich	Location:	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3551-01	MANHOLE	WATER			11/05/25 15:35			11/05/25
			Anions Group1	300.0			11/06/25 10:46	
			Cyanide	SM4500-CN C,E		11/07/25	11/07/25 14:00	
			Cyanide-Amenable	SM4500-CN B,G Cyanide-Amenable		11/13/25	11/14/25 10:49	
			Field pH	9045D			11/04/25 16:04	
			Field Temperature	SM2550-B			11/04/25 16:04	
			Oil and Grease	1664A			11/07/25 10:30	
			Phenolics	420.1		11/14/25	11/17/25 16:30	
Q3551-04	MANHOLE	WATER			11/05/25 15:35			11/05/25
			BOD5	SM5210 B			11/06/25 13:00	
			COD	SM5220 D			11/14/25 14:02	
			Ammonia	SM4500-NH3		11/06/25	11/06/25 13:08	
			TSS	SM2540 D			11/07/25 10:00	
Q3551-04DL	MANHOLEDL	WATER			11/05/25 15:35			11/05/25

LAB CHRONICLE

Ammonia

SM4500-NH3

11/06/25

11/06/25
13:53



SAMPLE DATA

Report of Analysis

Client: Spectra East Inc.
Project: Outfall 001 - Orangetown Dis Permit 2025
Client Sample ID: MANHOLE
Lab Sample ID: Q3551-01

Date Collected: 11/05/25 15:35
Date Received: 11/05/25
SDG No.: Q3551
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrate	0.18	J	1	0.095	0.50	mg/L		11/06/25 10:46	300.0
Cyanide	0.028		1	0.0012	0.0050	mg/L	11/07/25 08:10	11/07/25 14:00	SM 4500-CN C-21 plus E-21
Cyanide-Amenable	0.0062		1	0.0010	0.0050	mg/L	11/13/25 15:00	11/14/25 10:49	SM 4500-CN B-16 plus G-16
Field pH	7.85		1	0	0	pH		11/04/25 16:04	9045D
Field Temperature	16.0		1	0	0	o C		11/04/25 16:04	SM 2550 B-10
Oil and Grease	5.80		1	0.29	5.00	mg/L		11/07/25 10:30	1664A
Phenolics	0.36		1	0.015	0.050	mg/L	11/14/25 14:00	11/17/25 16:30	420.1

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Spectra East Inc.
Project: Outfall 001 - Orangetown Dis Permit 2025
Client Sample ID: MANHOLE
Lab Sample ID: Q3551-04

Date Collected: 11/05/25 15:35
Date Received: 11/05/25
SDG No.: Q3551
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	4.00	OR	1	0.030	0.10	mg/L	11/06/25 08:40	11/06/25 13:08	SM 4500-NH3 B plus G-21
BOD5	25.9		1	0.20	2.00	mg/L		11/06/25 13:00	SM 5210 B-16
COD	229	D	10	15.0	100	mg/L		11/14/25 14:02	SM 5220 D-11
TSS	48.0		1	1.00	4.00	mg/L		11/07/25 10:00	SM 2540 D-20

Comments: _____

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Spectra East Inc.	Date Collected:	11/05/25 15:35
Project:	Outfall 001 - Orangetown Dis Permit 2025	Date Received:	11/05/25
Client Sample ID:	MANHOLEDL	SDG No.:	Q3551
Lab Sample ID:	Q3551-04DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	4.10	D	5	0.15	0.50	mg/L	11/06/25 08:40	11/06/25 13:53	SM 4500-NH3 B plus G-21

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N = Spiked sample recovery not within control limits



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137801

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	0.96	1	96	90-110	11/06/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.97	1	97	90-110	11/06/2025
Sample ID: CCV2 Ammonia as N	mg/L	1.1	1	110	90-110	11/06/2025
Sample ID: CCV3 Ammonia as N	mg/L	1.1	1	110	90-110	11/06/2025

Initial and Continuing Calibration Verification

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 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
Orthophosphate as P	mg/L	5	5	100	90-110	11/07/2025
Sample ID:	CCV5					

Initial and Continuing Calibration Verification

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137803

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
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: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137822

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Cyanide		mg/L	0.095	0.099	96	85-115	11/07/2025
Sample ID:	CCV1						
Cyanide		mg/L	0.24	0.25	96	90-110	11/07/2025
Sample ID:	CCV2						
Cyanide		mg/L	0.25	0.25	100	90-110	11/07/2025

Initial and Continuing Calibration Verification

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137904

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV COD	mg/L	50.173	50	100	95-105	09/08/2025
Sample ID: CCV1 COD	mg/L	51.184	50	102	95-105	11/14/2025
Sample ID: CCV2 COD	mg/L	48.150	50	96	95-105	11/14/2025
Sample ID: CCV3 COD	mg/L	48.150	50	96	95-105	11/14/2025
Sample ID: CCV4 COD	mg/L	49.161	50	98	95-105	11/14/2025

Initial and Continuing Calibration Verification

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137926

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Phenolics		mg/L	1	1	100	90-110	11/17/2025
Sample ID:	CCV1						
Phenolics		mg/L	0.97	1	97	90-110	11/17/2025
Sample ID:	CCV2						
Phenolics		mg/L	0.98	1	98	90-110	11/17/2025

Initial and Continuing Calibration Verification

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137930

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
Field pH		pH	7.00	7	100	90-110	11/04/2025
Sample ID:	CCV1						
Field pH		pH	7.02	7.00	100	90-110	11/04/2025
Sample ID:	CCV2						
Field pH		pH	7.02	7.00	100	90-110	11/04/2025

Initial and Continuing Calibration Blank Summary

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137801

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	11/06/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/06/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/06/2025
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/06/2025

Initial and Continuing Calibration Blank Summary

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 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
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

Initial and Continuing Calibration Blank Summary

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137803

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
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: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137822

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/07/2025
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/07/2025
Sample ID: CCB2 Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/07/2025

Initial and Continuing Calibration Blank Summary

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137904

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB COD	mg/L	< 5.0000	5.0000	U	1.50	10	09/08/2025
Sample ID: CCB1 COD	mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025
Sample ID: CCB2 COD	mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025
Sample ID: CCB3 COD	mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025
Sample ID: CCB4 COD	mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025

Initial and Continuing Calibration Blank Summary

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137926

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Phenolics	mg/L	< 0.0250	0.0250	U	0.015	0.05	11/17/2025
Sample ID: CCB1 Phenolics	mg/L	< 0.0250	0.0250	U	0.015	0.05	11/17/2025
Sample ID: CCB2 Phenolics	mg/L	< 0.0250	0.0250	U	0.015	0.05	11/17/2025

Preparation Blank Summary

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 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: LB137812BL							
TSS	mg/L	< 2.0000	2.0000	U	1	4	11/07/2025
Sample ID: LB137814BL							
Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	11/07/2025
Sample ID: LB137856BL							
BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	11/06/2025
Sample ID: LB137904BL							
COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	11/14/2025
Sample ID: PB170403BL							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.03	0.1	11/06/2025
Sample ID: PB170439BL							
Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/07/2025
Sample ID: PB170566BL							
Phenolics	mg/L	< 0.0250	0.0250	U	0.015	0.05	11/17/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q3537-03
Client ID:	MW-17-PURGE-WATERMS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/L	75-125	1.00		0.039	J	1	1	96		11/06/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q3537-03
Client ID:	MW-17-PURGE-WATERMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/L	75-125	1.00		0.039	J	1	1	96		11/06/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 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
Cyanide	mg/L	75-125	0.075		0.028		0.04	1	118		11/07/2025
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:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 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
Cyanide	mg/L	75-125	0.074		0.028		0.04	1	115		11/07/2025
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:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 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
Oil and Grease	mg/L	78-114	25.9		5.80		20.0	1	101		11/07/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 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
Oil and Grease	mg/L	78-114	26.0		5.80		20.0	1	101		11/07/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q3554-01
Client ID:	EFFLUENTMS	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
Oil and Grease	mg/L	78-114	38.6		18.4		20.0	1	101		11/07/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q3554-01
Client ID:	EFFLUENTMSD	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
Oil and Grease	mg/L	78-114	38.8		18.4		20.0	1	102		11/07/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q3630-05
Client ID:	DSN003MS	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
COD	mg/L	75-125	68.4		23.9		50.0	1	89		11/14/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q3630-05
Client ID:	DSN003MSD	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
COD	mg/L	75-125	67.4		23.9		50.0	1	87		11/14/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q3630-06
Client ID:	DSN003MS	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
Phenolics	mg/L	75-125	1.10		0.015	U	1	1	110		11/17/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q3630-06
Client ID:	DSN003MSD	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
Phenolics	mg/L	75-125	1.10		0.015	U	1	1	110		11/17/2025

Duplicate Sample Summary

Client: Spectra East Inc.	SDG No.: Q3551
Project: Outfall 001 - Orangetown Dis Permit 2025	Sample ID: Q3537-03
Client ID: MW-17-PURGE-WATERDUP	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/L	+/-20	0.039	J	0.037	J	1	5		11/06/2025

Duplicate Sample Summary

Client: Spectra East Inc.	SDG No.: Q3551
Project: Outfall 001 - Orangetown Dis Permit 2025	Sample ID: Q3537-03
Client ID: MW-17-PURGE-WATERMSD	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/L	+/-20	1.00		1.00		1	0		11/06/2025

Duplicate Sample Summary

Client: Spectra East Inc.	SDG No.: Q3551
Project: Outfall 001 - Orangetown Dis Permit 2025	Sample ID: Q3551-01
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
Cyanide	mg/L	+/-20	0.028		0.028		1	0		11/07/2025
Field pH	pH	+/-20	7.85		7.84		1	0.13		11/04/2025
Field Temperature	o C	+/-20	16.0		16.1		1	0.62		11/04/2025

Duplicate Sample Summary

Client: Spectra East Inc.	SDG No.: Q3551
Project: Outfall 001 - Orangetown Dis Permit 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
Cyanide	mg/L	+/-20	0.075		0.074		1	1		11/07/2025

Duplicate Sample Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 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
Oil and Grease	mg/L	+/-18	25.9		26.0		1	0.39		11/07/2025

Duplicate Sample Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 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
BOD5	mg/L	+/-20	25.9		25.8		1	0.19		11/06/2025

Duplicate Sample Summary

Client: Spectra East Inc.	SDG No.: Q3551
Project: Outfall 001 - Orangetown Dis Permit 2025	Sample ID: Q3554-01
Client ID: EFFLUENTMSD	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
Oil and Grease	mg/L	+/-18	38.6		38.8		1	0.52		11/07/2025

Duplicate Sample Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q3630-05
Client ID:	DSN003DUP	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
COD	mg/L	+/-20	23.9		22.9		1	4.27		11/14/2025

Duplicate Sample Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q3630-05
Client ID:	DSN003MSD	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
COD	mg/L	+/-20	68.4		67.4		1	1.47		11/14/2025

Duplicate Sample Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q3630-06
Client ID:	DSN003DUP	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
Phenolics	mg/L	+/-20	0.015	U	0.024	J	1	200	*	11/17/2025

Duplicate Sample Summary

Client:	Spectra East Inc.	SDG No.:	Q3551
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q3630-06
Client ID:	DSN003MSD	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
Phenolics	mg/L	+/-20	1.10		1.10		1	0		11/17/2025

Laboratory Control Sample Summary

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 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: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 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: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 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: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

Run No.: LB137814

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137814BS							
Oil and Grease	mg/L	20.0	16.9		84	1	78-114	11/07/2025

Laboratory Control Sample Summary

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

Run No.: LB137856

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137856BS							
BOD5	mg/L	198	177		89	1	84.6-115.4	11/06/2025

Laboratory Control Sample Summary

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

Run No.: LB137904

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137904BS							
COD	mg/L	50	53.2		106	1	90-110	11/14/2025

Laboratory Control Sample Summary

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

Run No.: LB137801

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170403BS							
Ammonia as N	mg/L	1	0.95		95	1	90-110	11/06/2025

Laboratory Control Sample Summary

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

Run No.: LB137822

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170439BS							
Cyanide	mg/L	0.1	0.10		100	1	85-115	11/07/2025

Laboratory Control Sample Summary

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

Run No.: LB137926

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170566BS							
Phenolics	mg/L	1	0.99		99	1	80-120	11/17/2025



RAW DATA

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM Instrument ID : Konelab

11/6/2025 13:58

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.961	0.0	0.203	
ICB1	0.006	0.0	0.018	
CCV1	0.968	0.0	0.204	
CCB1	0.004	0.0	0.017	
RL CHECK	0.102	0.0	0.036	
PB170403BL	0.009	0.0	0.018	
PB170403BS	0.945	0.0	0.200	
Q3537-03	0.039	0.0	0.024	
Q3537-03DUP	0.037	0.0	0.024	
Q3537-03MS	1.039	0.0	0.218	
Q3537-03MSD	1.029	0.0	0.216	
Q3541-01	0.020	0.0	0.020	
Q3554-05	5.695	0.0	1.122	Test limit high
Q3551-04	3.962	0.0	0.786	Test limit high
CCV2	1.101	0.0	0.230	
CCB2	0.005	0.0	0.018	
Q3551-04DLX5	0.816	0.0	0.175	
Q3554-05DLX5	1.155	0.0	0.241	
CCV3	1.052	0.0	0.221	
CCB3	0.014	0.0	0.019	

1021 (50-150)
11/06/2025
RM

N 20
Mean 0.948
SD 1.4396
CV% 151.89

Aquakem v. 7.2AQ1

Results from time period:

Thu Nov 06 12:06:46 2025

Thu Nov 06 13:53:29 2025

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-† P		0.0144	mg/l	11/6/2025 12:06:46	
0.1PPM	A	Ammonia-† P		0.1036	mg/l	11/6/2025 12:06:47	
0.2PPM	A	Ammonia-† P		0.1969	mg/l	11/6/2025 12:06:48	
0.4PPM	A	Ammonia-† P		0.3941	mg/l	11/6/2025 12:06:49	
1.0PPM	A	Ammonia-† P		0.9746	mg/l	11/6/2025 12:06:50	
1.3PPM	A	Ammonia-† P		1.3406	mg/l	11/6/2025 12:06:51	
2.0PPM	A	Ammonia-† P		2.0092	mg/l	11/6/2025 12:06:52	
ICV1	S	Ammonia-† P		0.9606	mg/l	11/6/2025 12:48:23	
ICB1	S	Ammonia-† P		0.0057	mg/l	11/6/2025 12:48:24	
CCV1	S	Ammonia-† P		0.9675	mg/l	11/6/2025 12:48:26	
CCB1	S	Ammonia-† P		0.004	mg/l	11/6/2025 12:48:28	
RL CHECK	S	Ammonia-† P		0.1018	mg/l	11/6/2025 12:48:30	
PB170403BL	S	Ammonia-† P		0.009	mg/l	11/6/2025 12:59:04	
PB170403BS	S	Ammonia-† P		0.9451	mg/l	11/6/2025 12:59:06	
Q3537-03	S	Ammonia-† P		0.0386	mg/l	11/6/2025 12:59:08	
Q3537-03DUP	S	Ammonia-† P		0.0373	mg/l	11/6/2025 12:59:10	
Q3537-03MS	S	Ammonia-† P		1.0394	mg/l	11/6/2025 12:59:11	
Q3537-03MSD	S	Ammonia-† P		1.029	mg/l	11/6/2025 12:59:12	
Q3541-01	S	Ammonia-† P		0.0197	mg/l	11/6/2025 13:08:02	
Q3554-05	S	Ammonia-† P		5.6945	mg/l	11/6/2025 13:08:03	
Q3551-04	S	Ammonia-† P		3.9617	mg/l	11/6/2025 13:08:04	
CCV2	S	Ammonia-† P		1.1008	mg/l	11/6/2025 13:08:08	
CCB2	S	Ammonia-† P		0.0053	mg/l	11/6/2025 13:08:10	
Q3551-04DLX5	S	Ammonia-† P		0.8158	mg/l	11/6/2025 13:53:25	
Q3554-05DLX5	S	Ammonia-† P		1.1549	mg/l	11/6/2025 13:53:27	
CCV3	S	Ammonia-† P		1.0524	mg/l	11/6/2025 13:53:28	
CCB3	S	Ammonia-† P		0.0137	mg/l	11/6/2025 13:53:29	

Calibration results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

11/6/2025 12:19

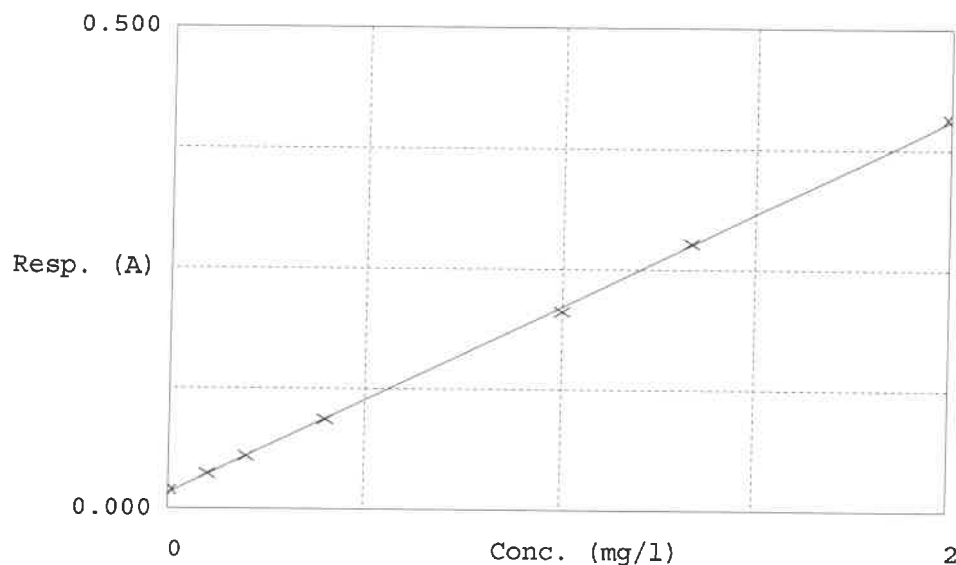
Test Ammonia-N

Accepted 11/6/2025 12:19

Factor 5.15
 Bias 0.016

Coeff. of det. 0.999689

Errors



	Calibrator	Response	Calc. con.	Conc.	Re Errors
1	0.00PPM	0.019	0.0144	0.0000	-
2	NH3-2PPM	0.037	0.1036	0.1000	3.6
3	NH3-2PPM	0.055	0.1969	0.2000	-1.6
4	NH3-2PPM	0.093	0.3941	0.4000	-1.5
5	NH3-2PPM	0.206	0.9746	1.0000	-2.5
6	NH3-2PPM	0.277	1.3406	1.3333	3.1
7	NH3-2PPM	0.407	2.0092	2.0000	0.5

11/06/2025
 RM

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

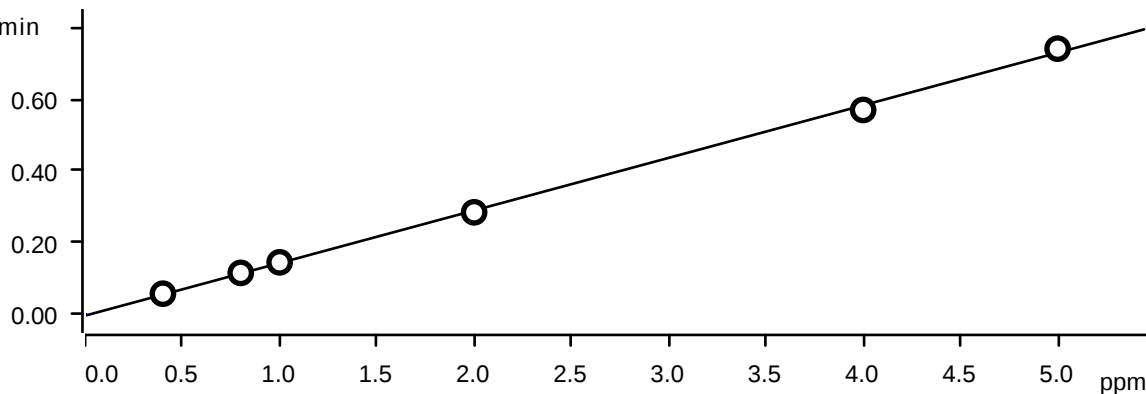
Q3569-01	0.202	422.881	0.160	2.583	13.807	0.000	110.929	IC1-110325	11/7/2025 10:26	10	RM/IZ
Q3569-02	0.158	308.426	0.111	2.535	1.752	0.000	10.591	IC1-110325	11/7/2025 10:48	10	RM/IZ
Q3569-01DLX5	0.084	72.282	0.097	0.696	2.648	0.000	20.651	IC1-110325	11/7/2025 11:09	10	RM/IZ
Q2560-01DLX200	0.000	2.515	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	4.2500	9.1667	9.8333	9.1000	9.8000	-4.7000	11.5000				
STD2	1.6250	2.3333	2.3333	2.1500	2.4000	4.8500	2.4500				
STD3	1.4000	-0.6000	-0.2667	-0.3200	-0.4000	0.2400	-0.7467				
STD4	-1.7000	-2.7333	-3.1000	-2.7600	-2.9600	3.3200	-2.8000				
STD5	-2.2000	-1.4333	-1.5500	-1.5300	-1.6400	-7.1400	-2.5533				
STD6	1.5600	1.2667	1.3733	1.3200	1.4240	3.9360	2.0297				

Fluoride (Anions)

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



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

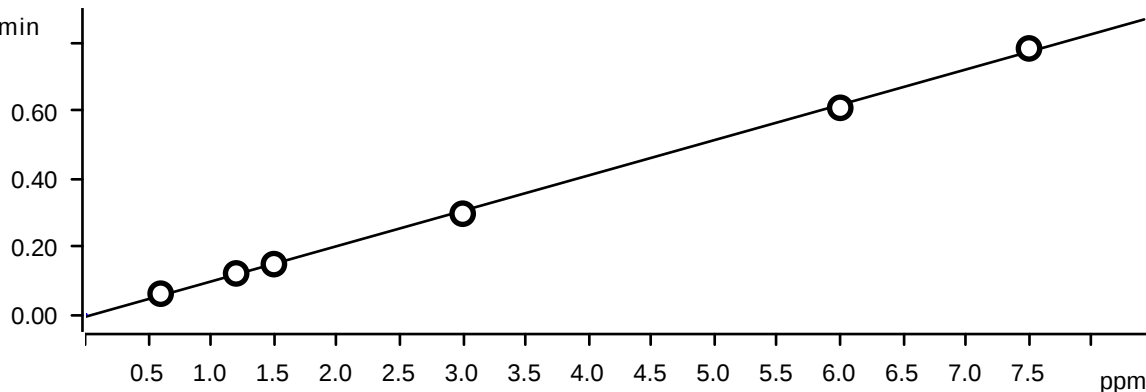
Relative standard deviation 2.880512 %

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

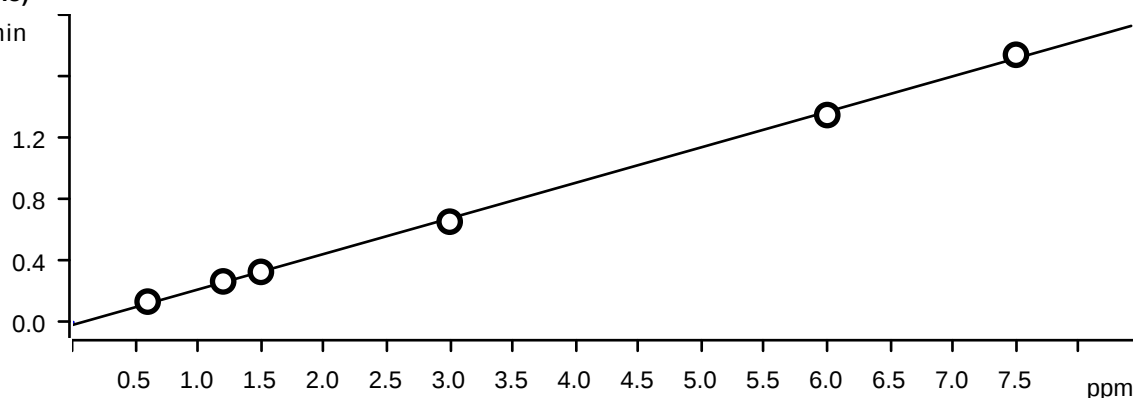


Function: $A = -7.14286E-3 + 0.0104011 \times Q$

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) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0188106 + 0.0231263 \times Q$

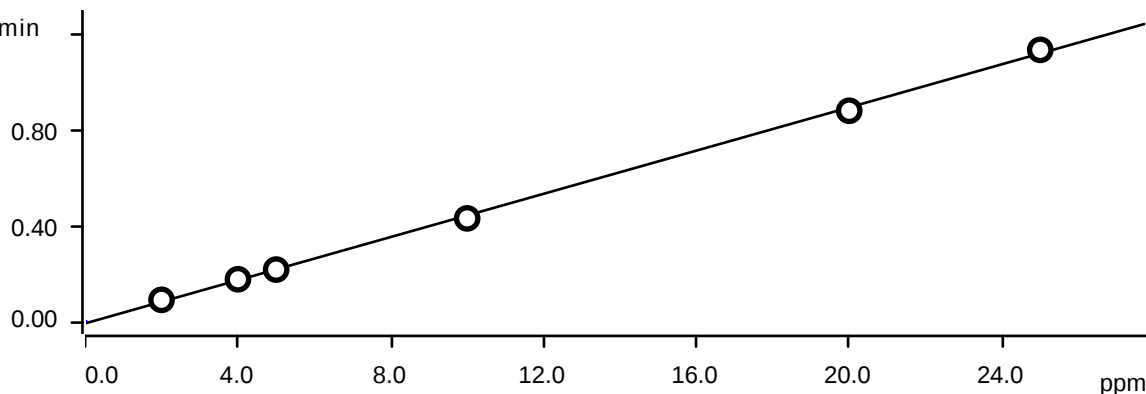
Relative standard deviation 2.785229 %

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

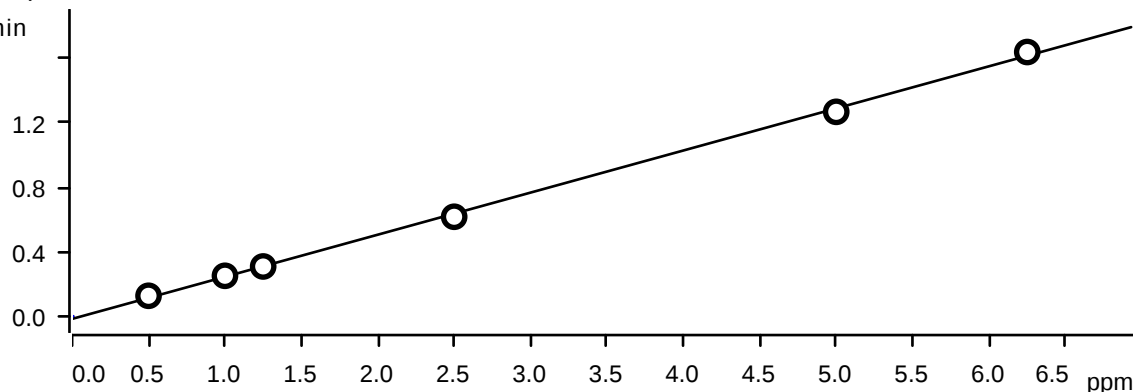
Relative standard deviation: 2.618377 %

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

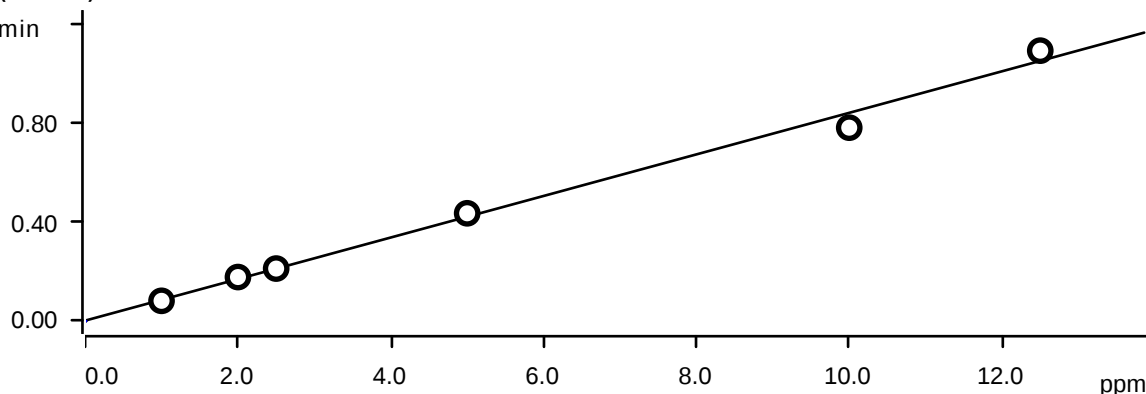


Function: $A = -0.0164240 + 0.0260850 \times Q$

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

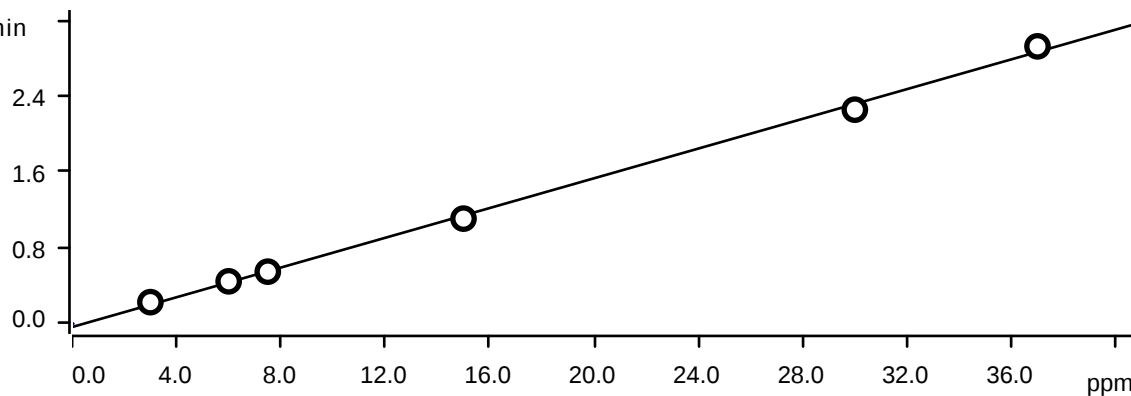
Phosphate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = 1.95294E-3 + 8.36815E-3 \times Q$

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

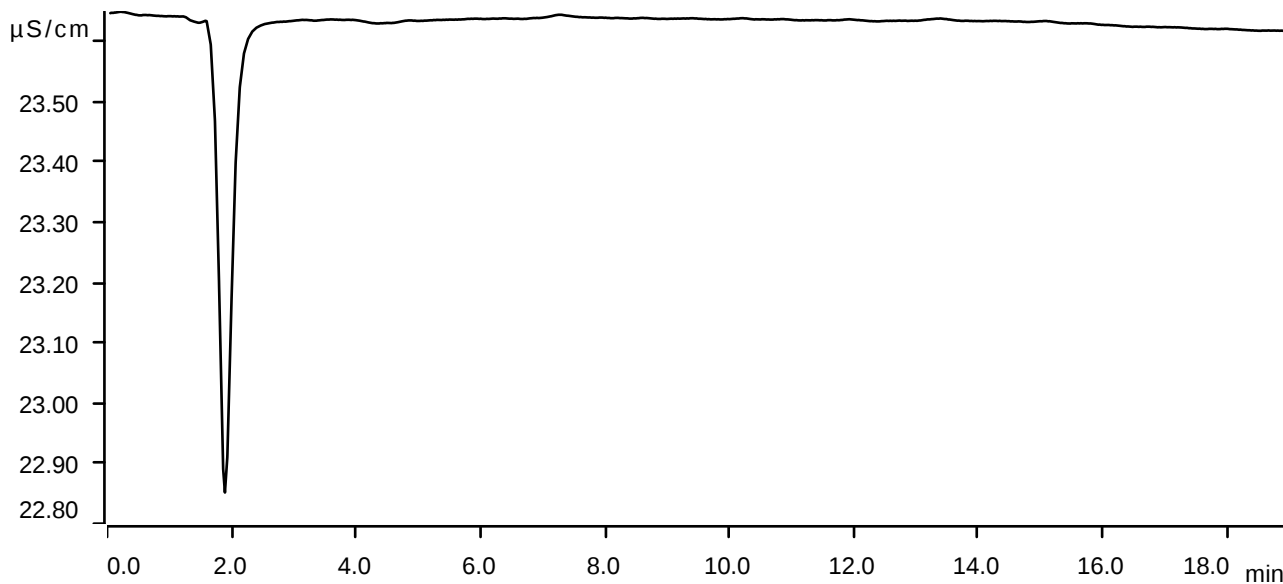
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	3.000	10.0	1.0	1.0	0.228	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	6.000	10.0	1.0	1.0	0.447	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 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

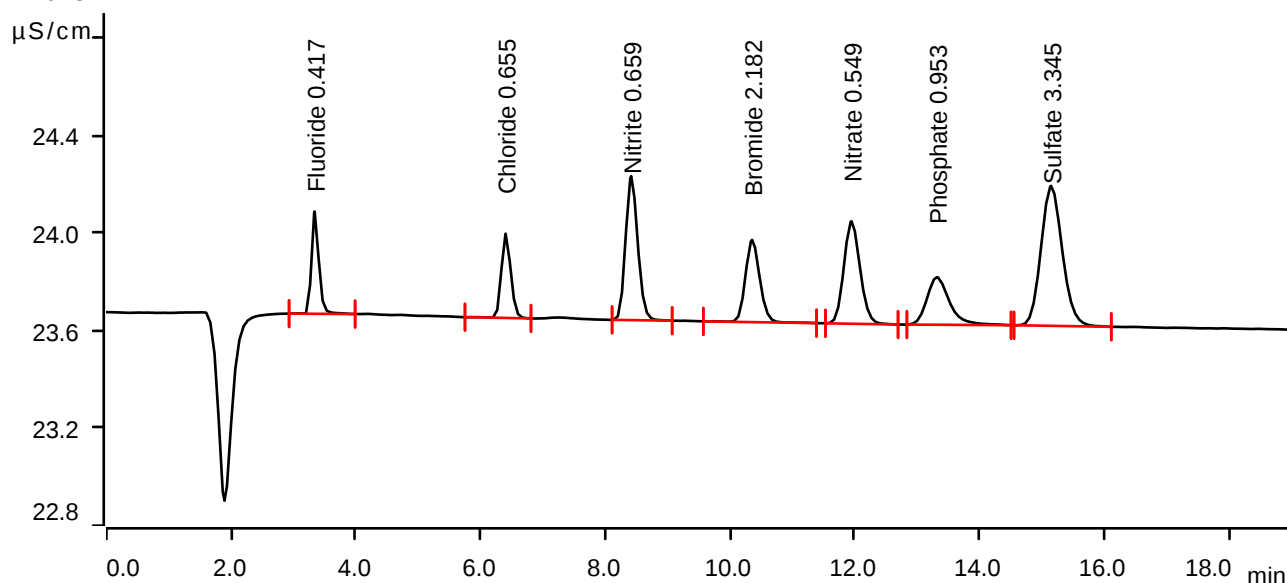
Sample data

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

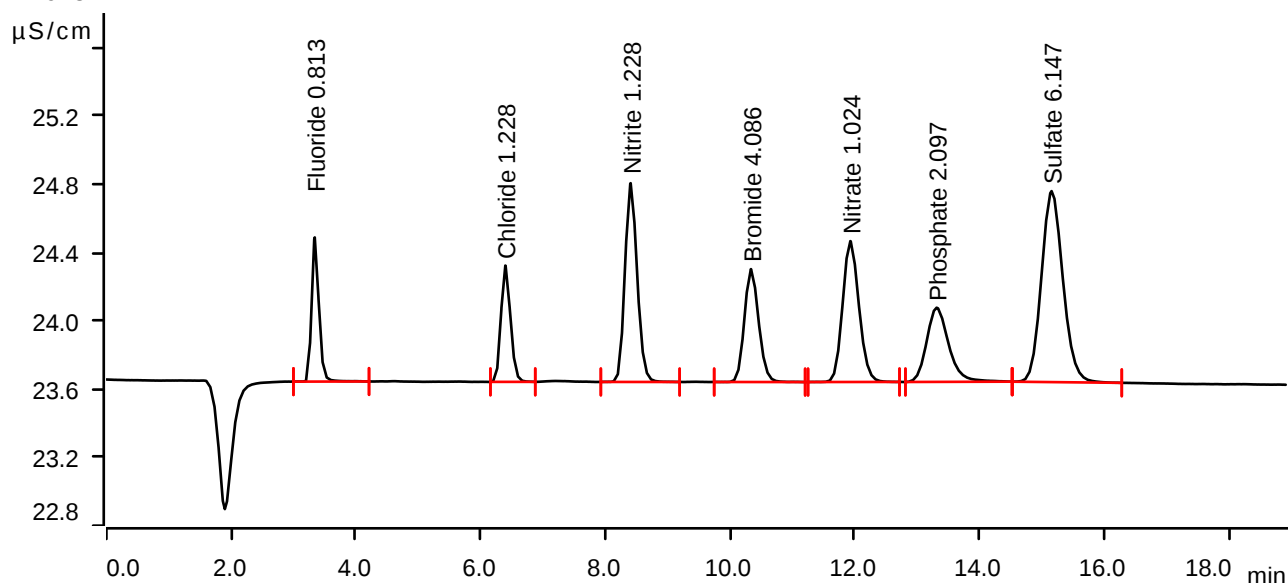
Sample data

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

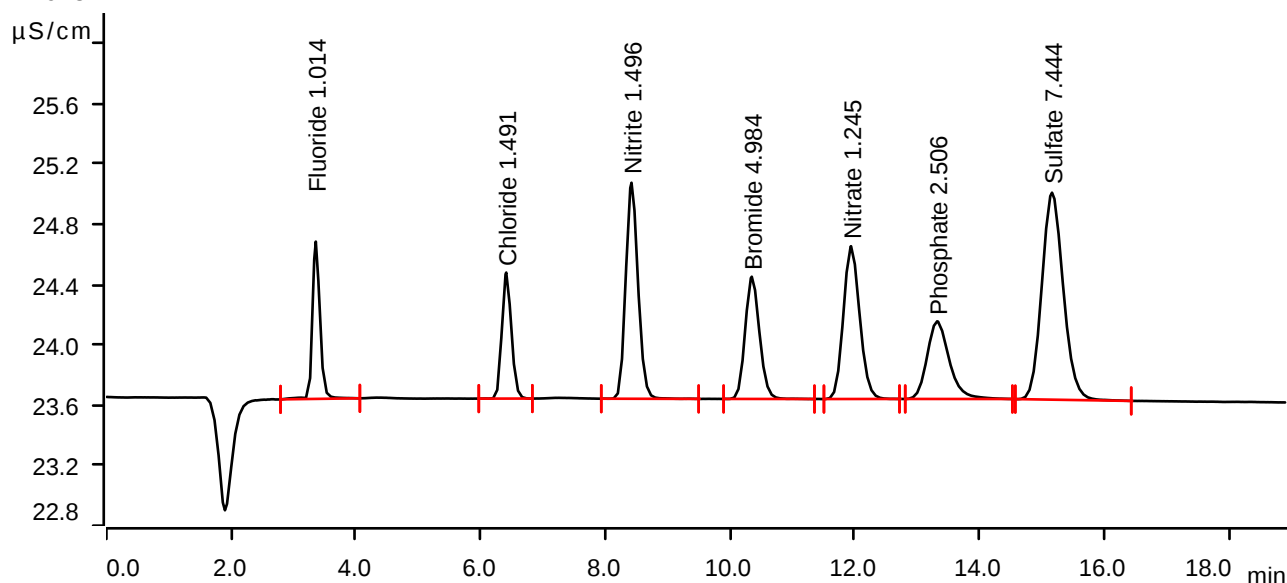
Sample data

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

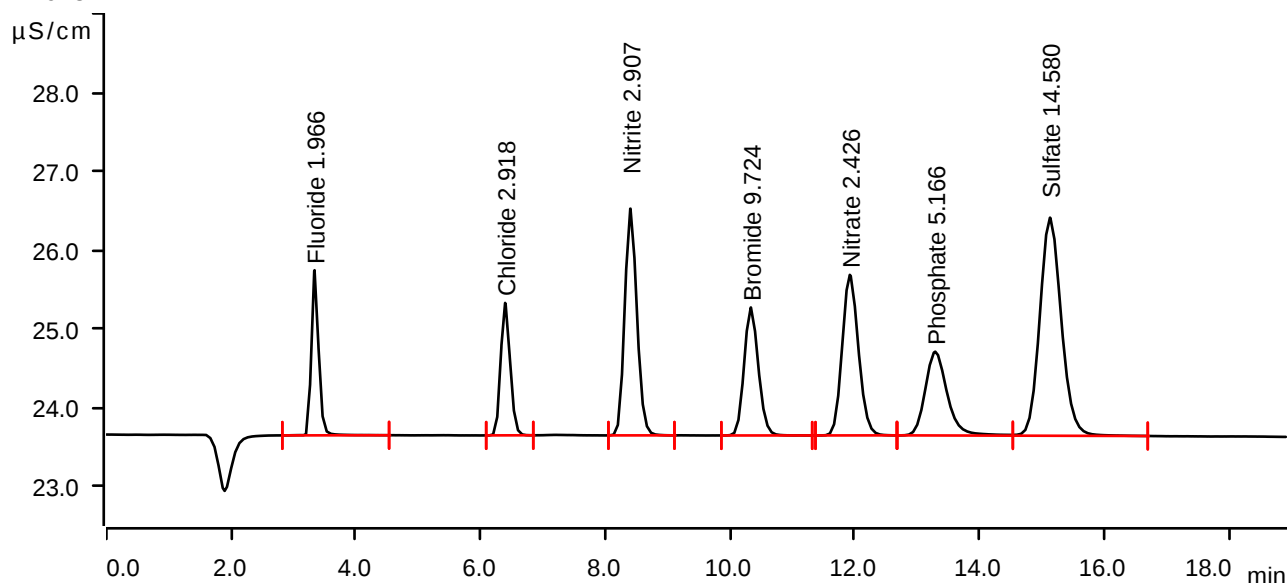
Sample data

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

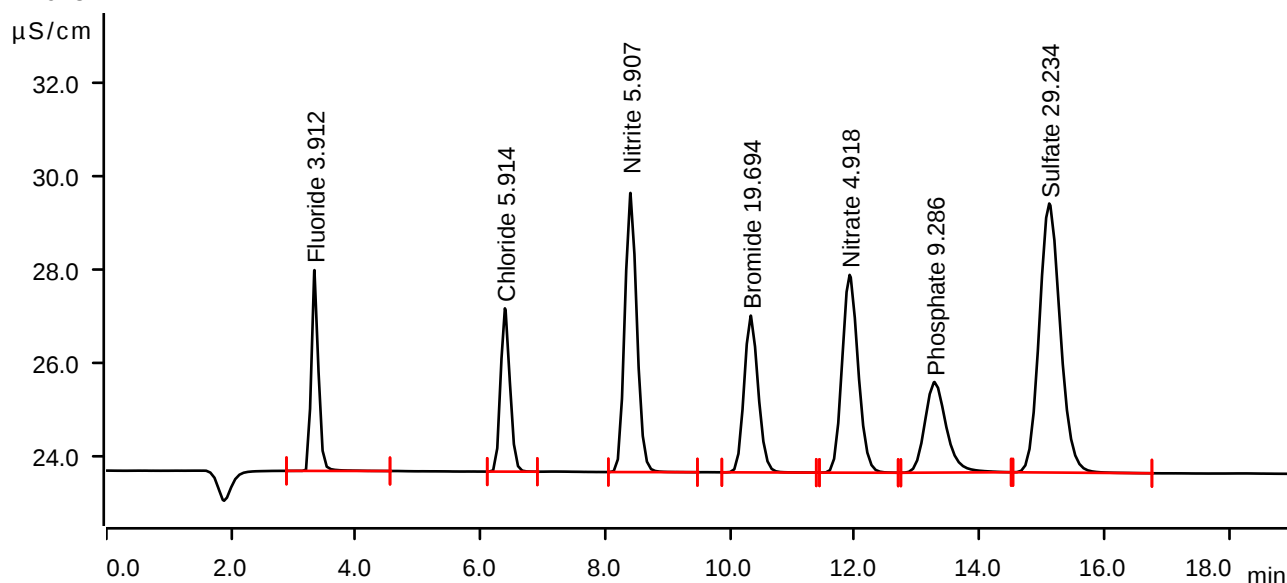
Sample data

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

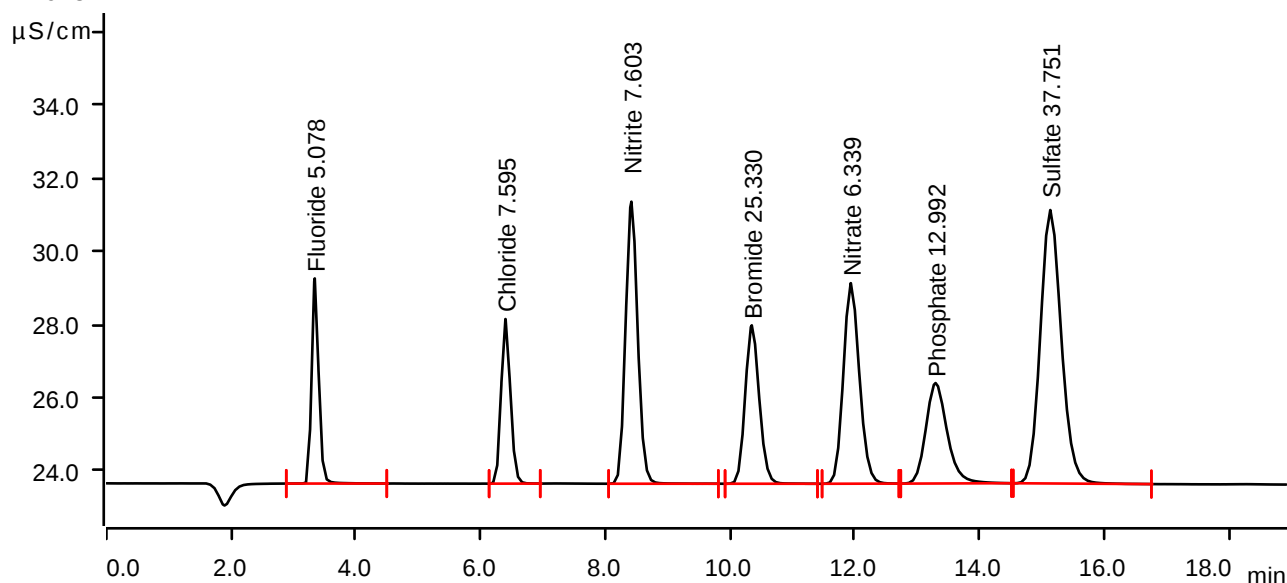
Sample data

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

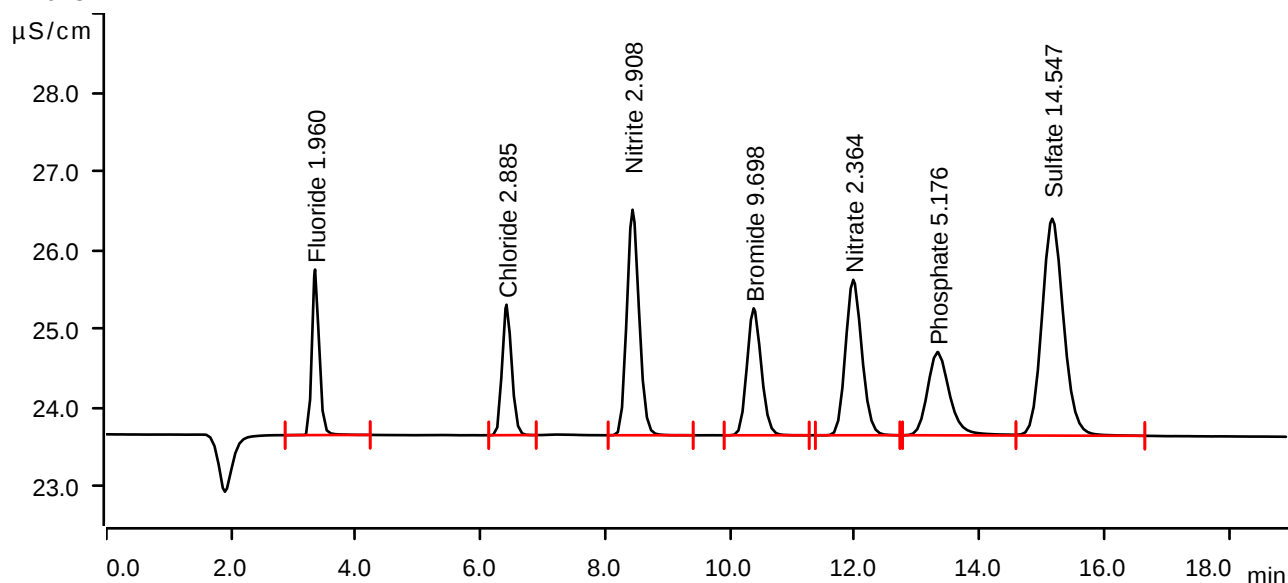
Sample data

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



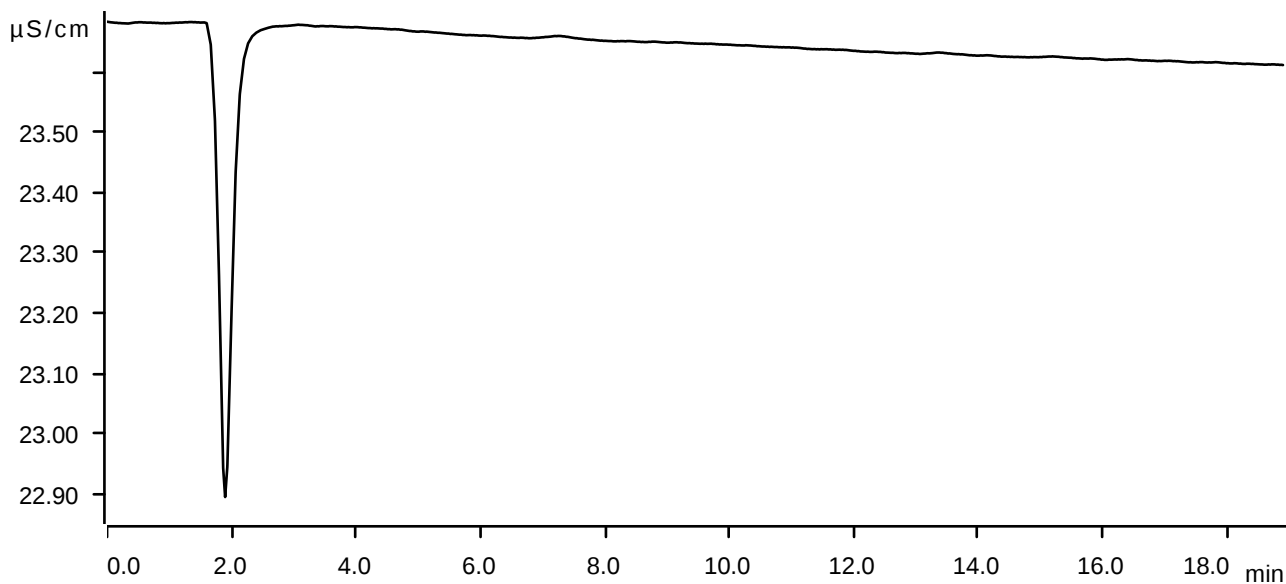
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.347	0.2837	2.100	1.960	Fluoride
2	6.417	0.2929	1.656	2.885	Chloride
3	8.437	0.6536	2.862	2.908	Nitrite
4	10.378	0.4292	1.611	9.698	Bromide
5	11.975	0.6003	1.973	2.364	Nitrate
6	13.327	0.4351	1.058	5.176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

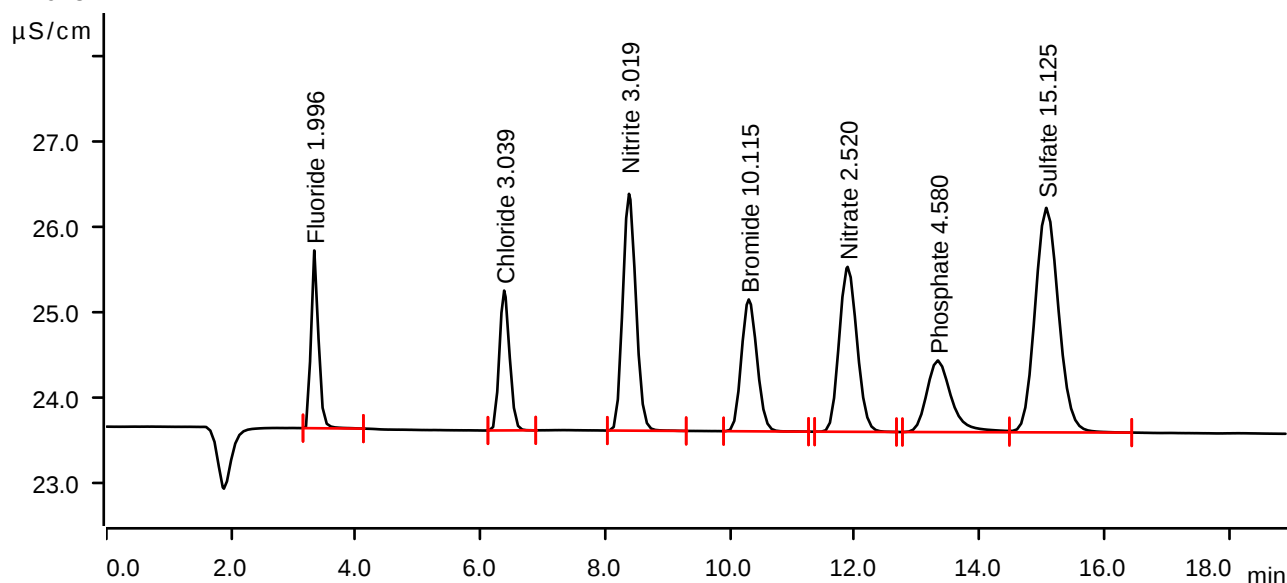
Sample data

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

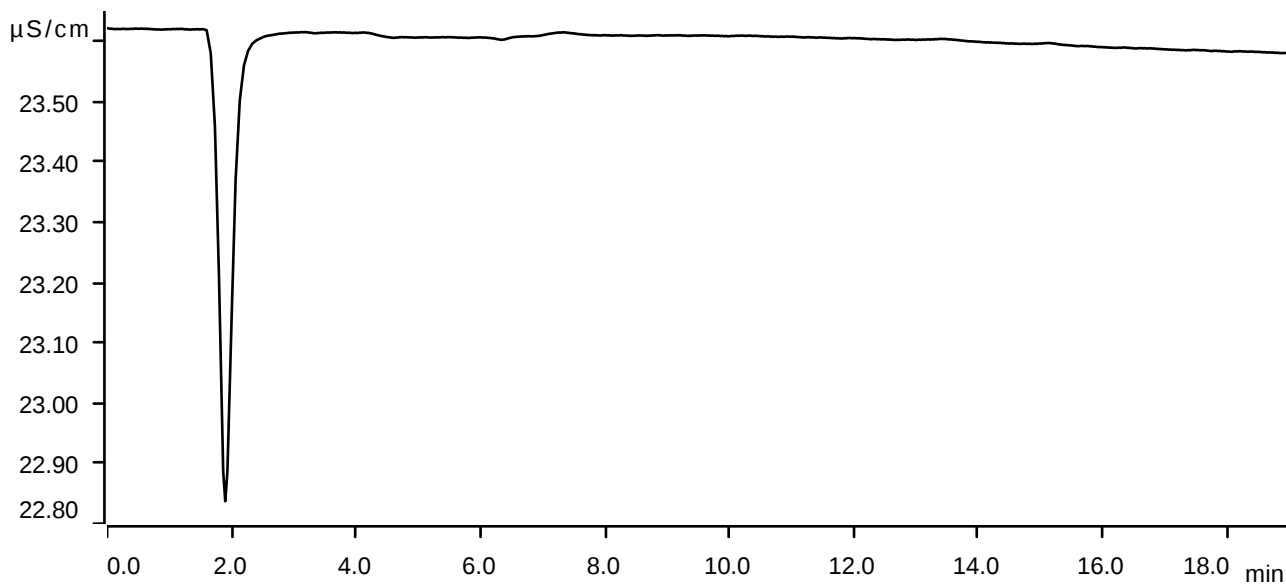
Sample data

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



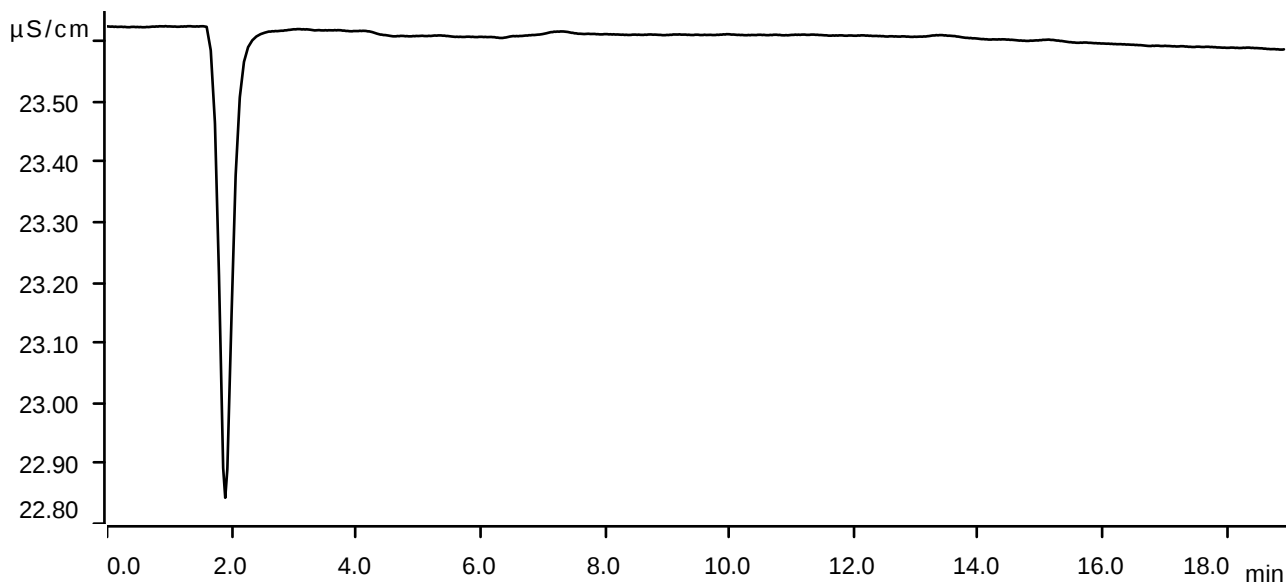
Sample data

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



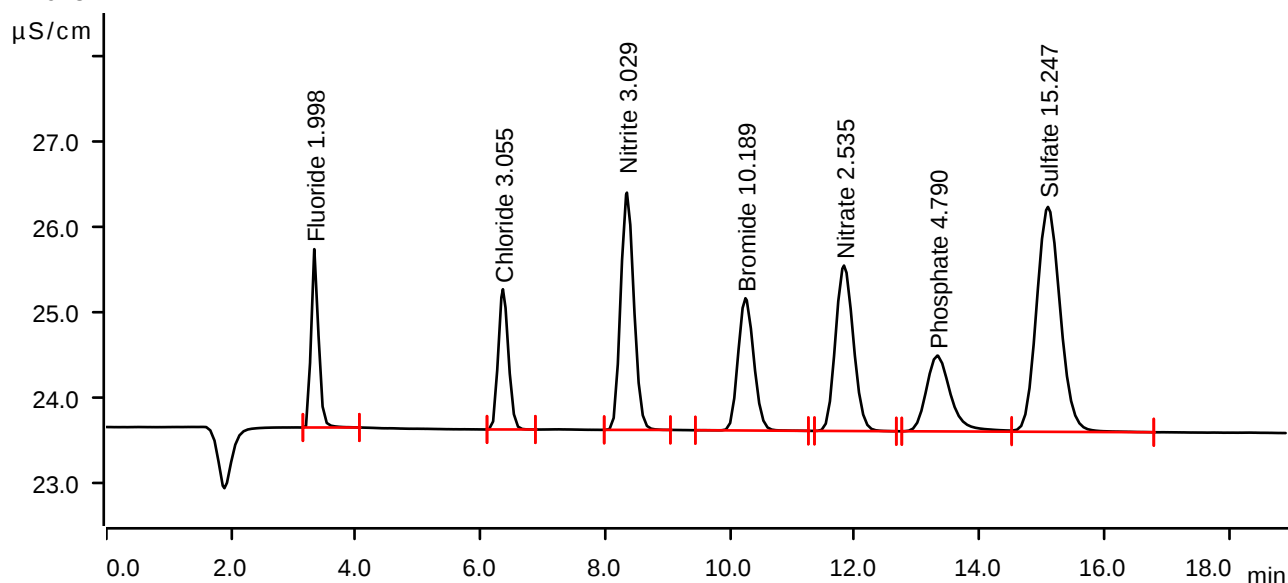
Sample data

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

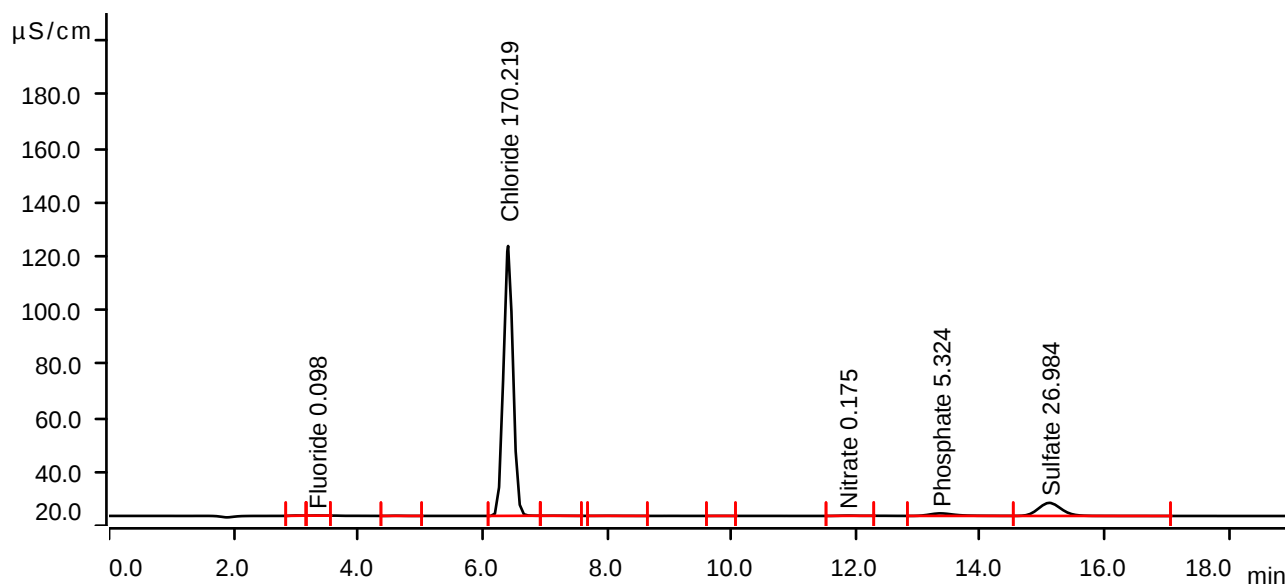
Sample data

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

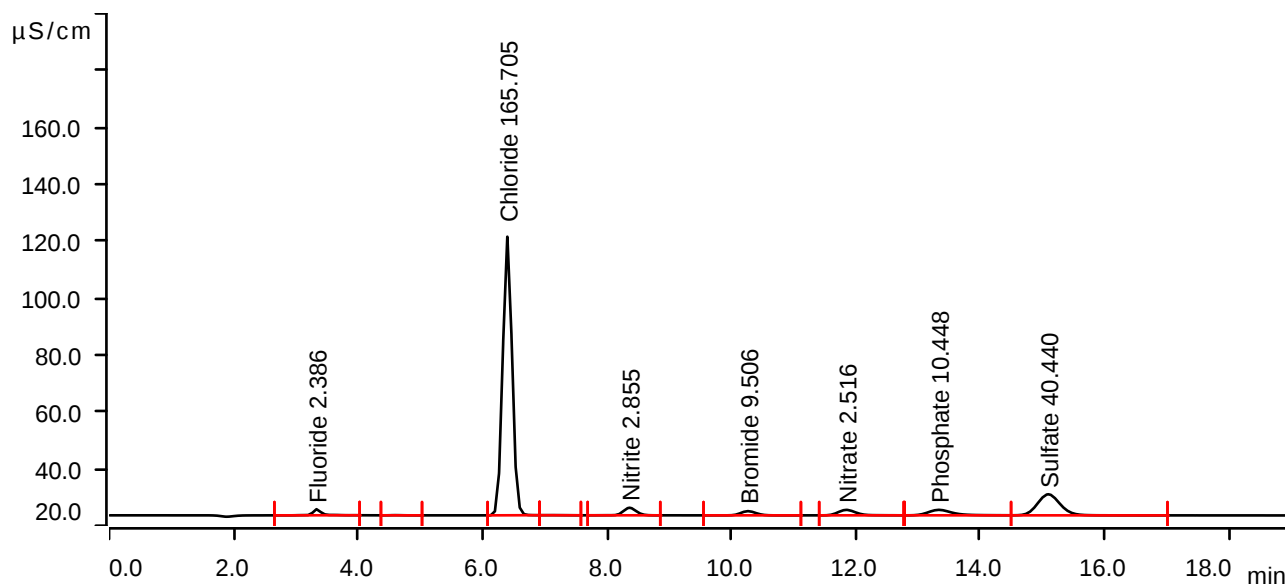
Sample data

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

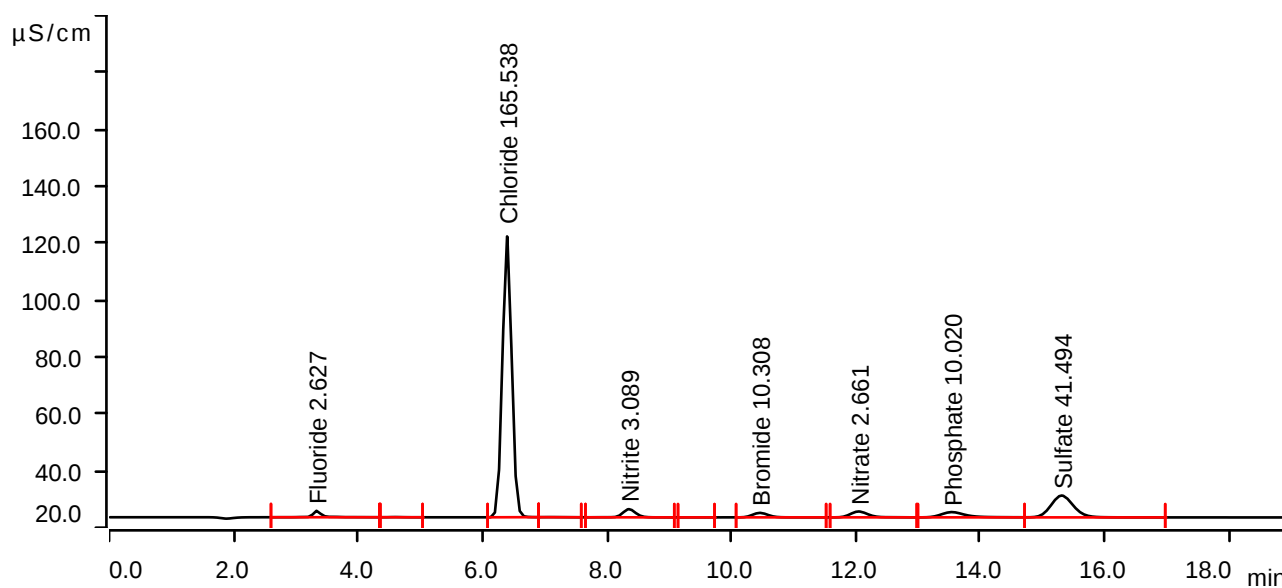
Sample data

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 (µS/cm) x min	Height µS/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

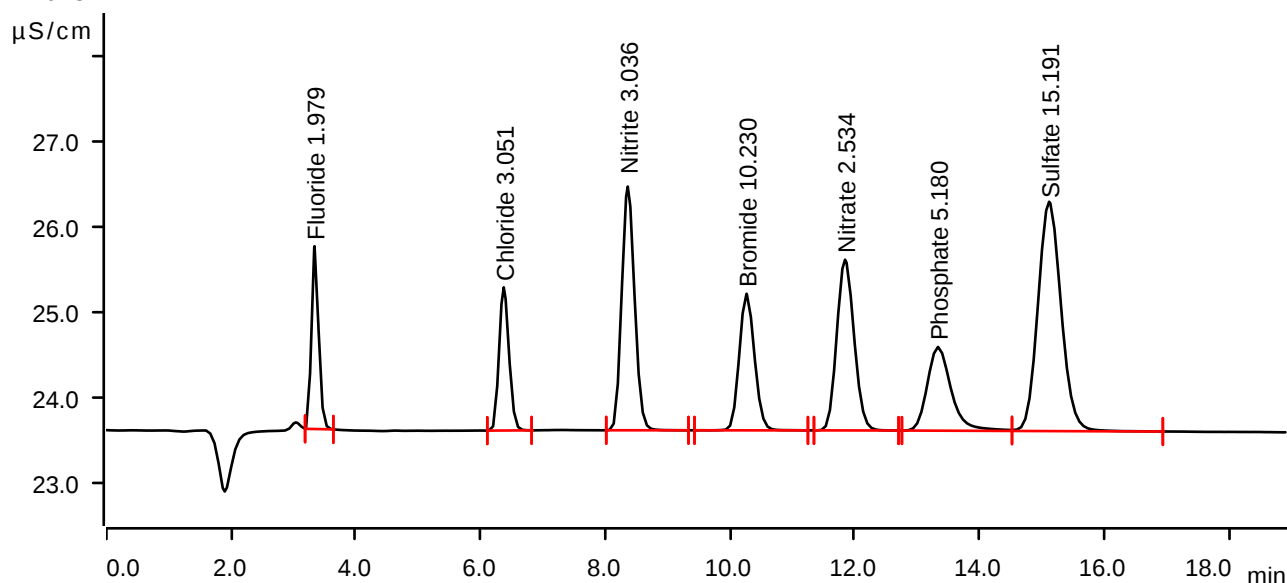
Sample data

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

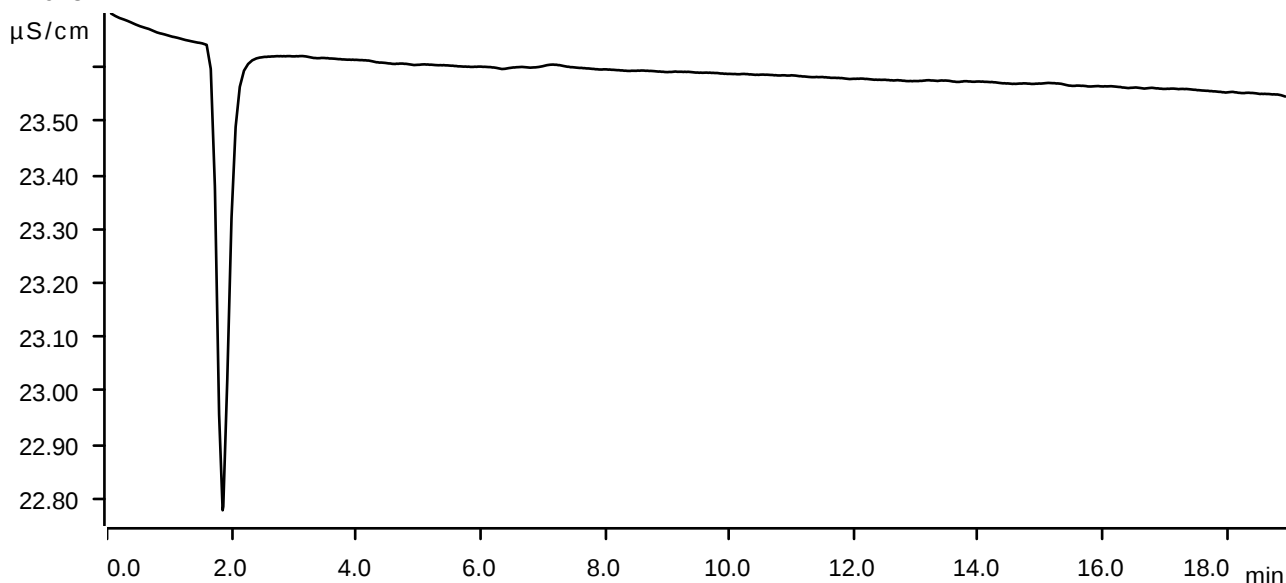
Sample data

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



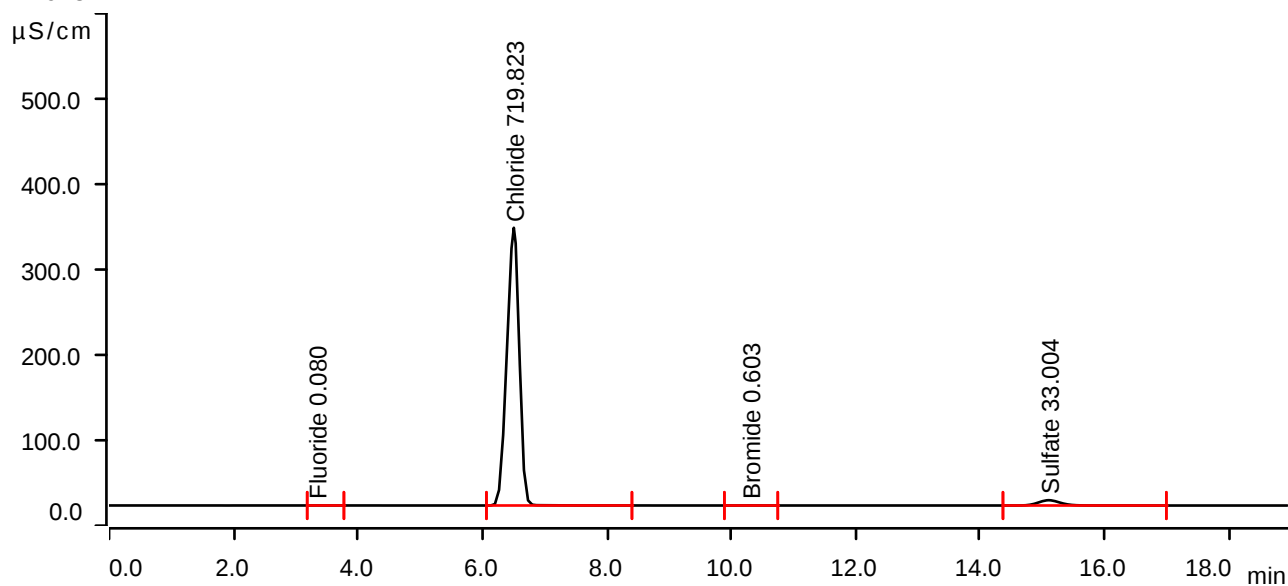
Sample data

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

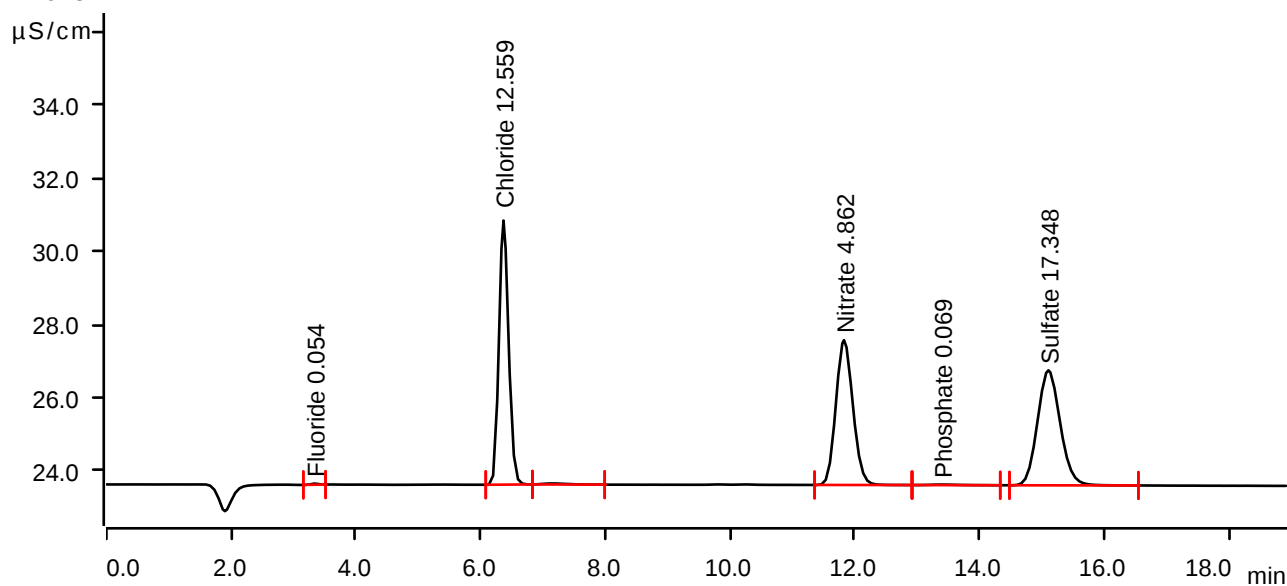
Sample data

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

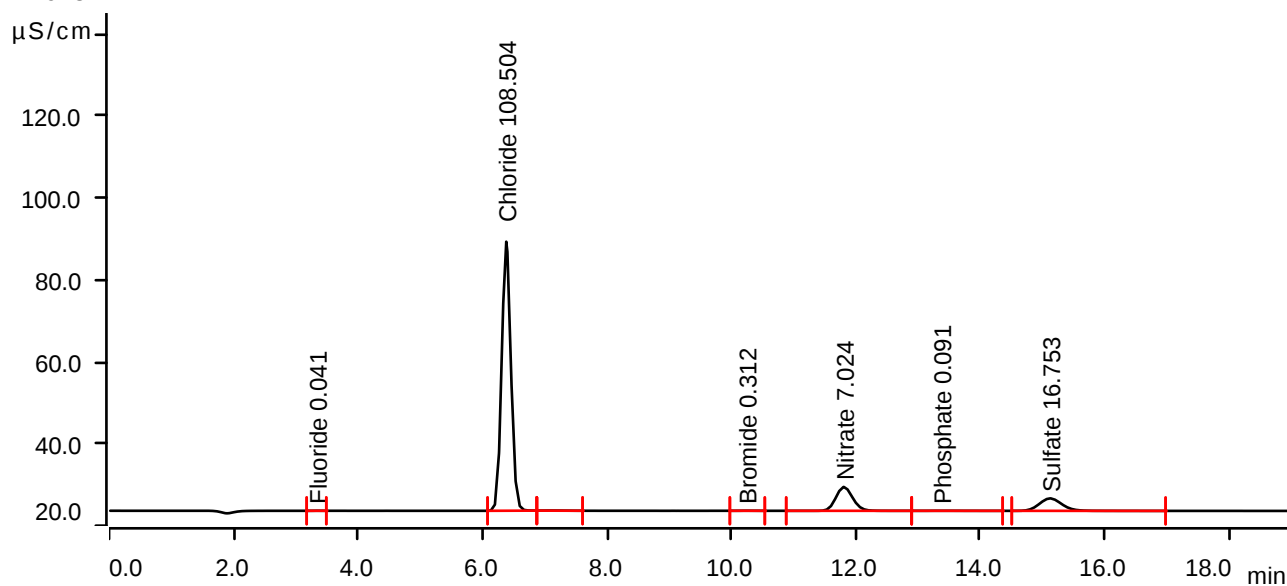
Sample data

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

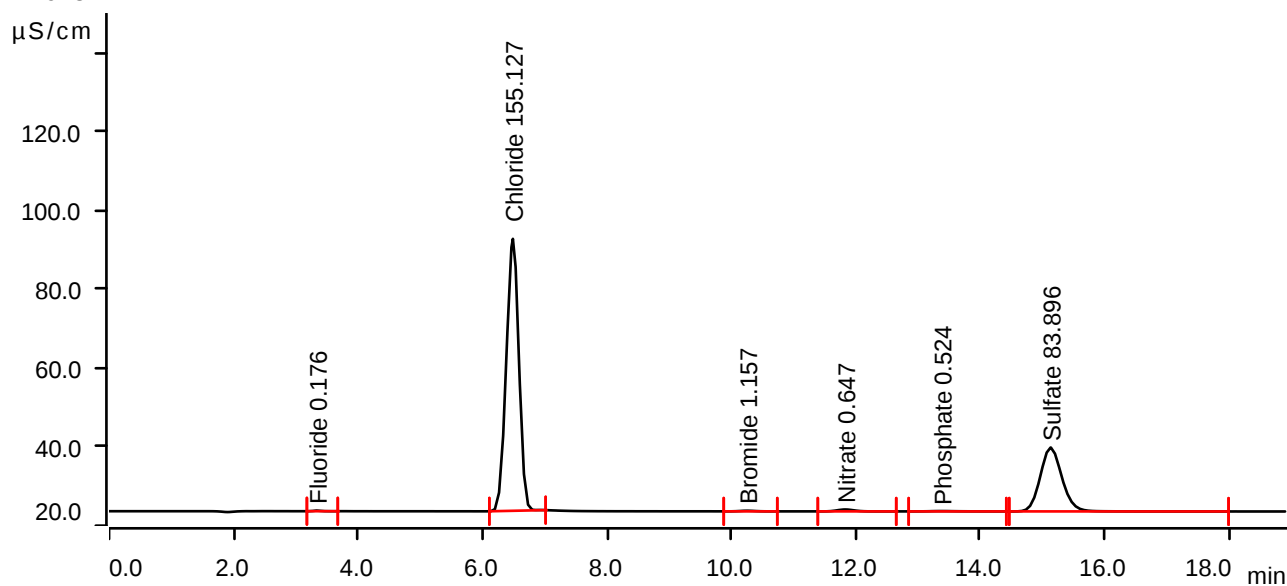
Sample data

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

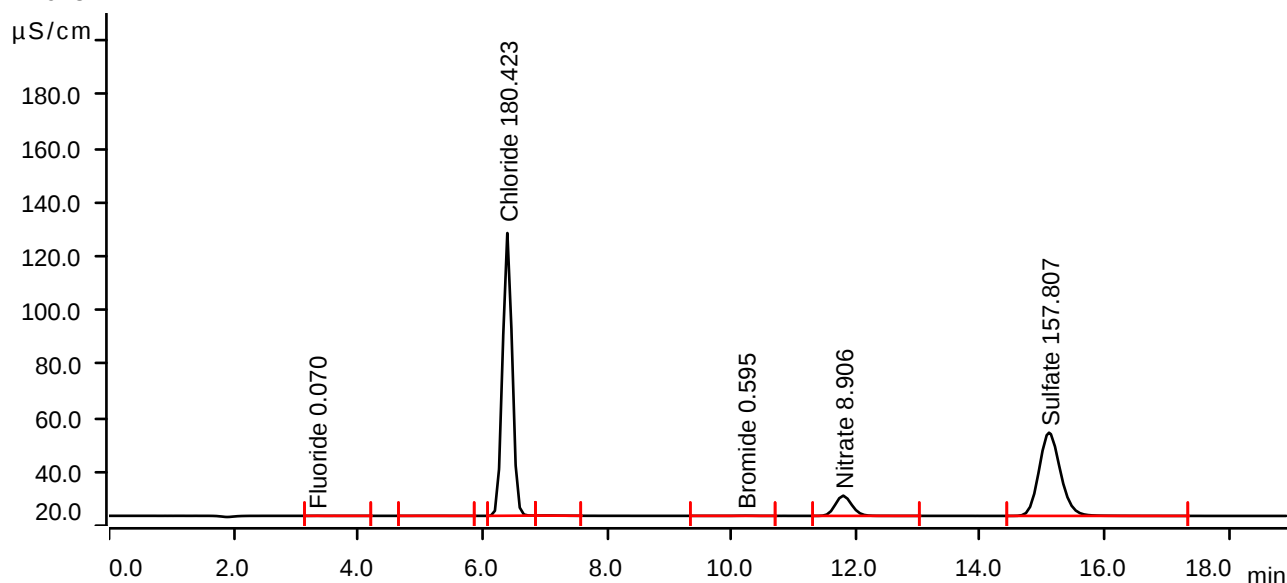
Sample data

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

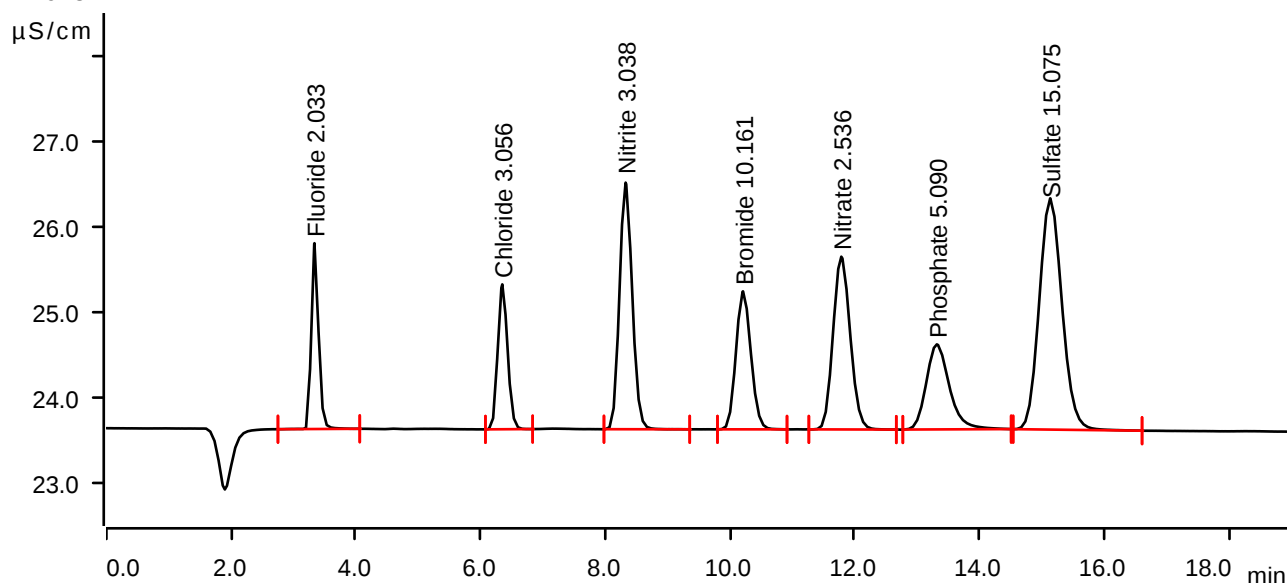
Sample data

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



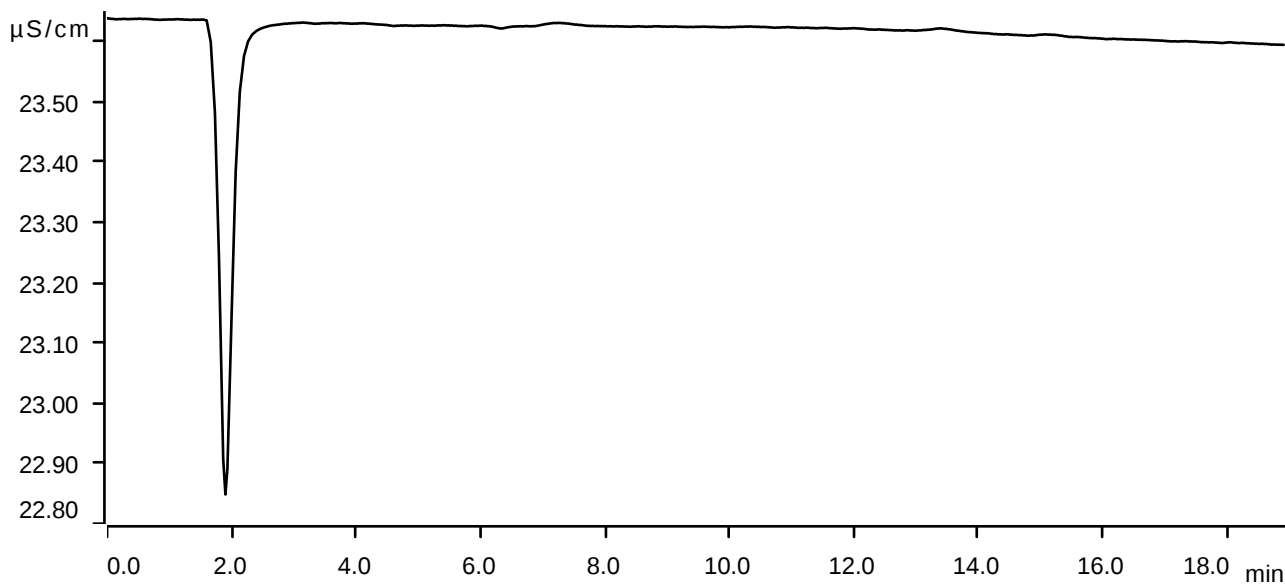
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.337	0.2944	2.176	2.033	Fluoride
2	6.348	0.3107	1.697	3.056	Chloride
3	8.325	0.6838	2.889	3.038	Nitrite
4	10.208	0.4501	1.616	10.161	Bromide
5	11.783	0.6452	2.024	2.536	Nitrate
6	13.315	0.4279	0.996	5.090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

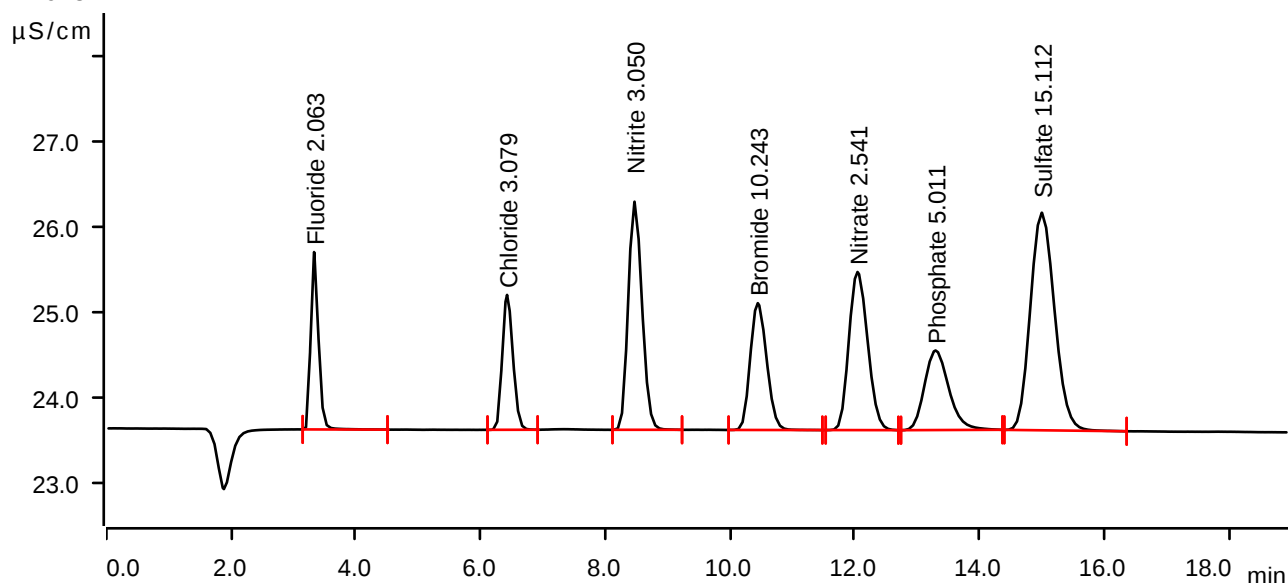
Sample data

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



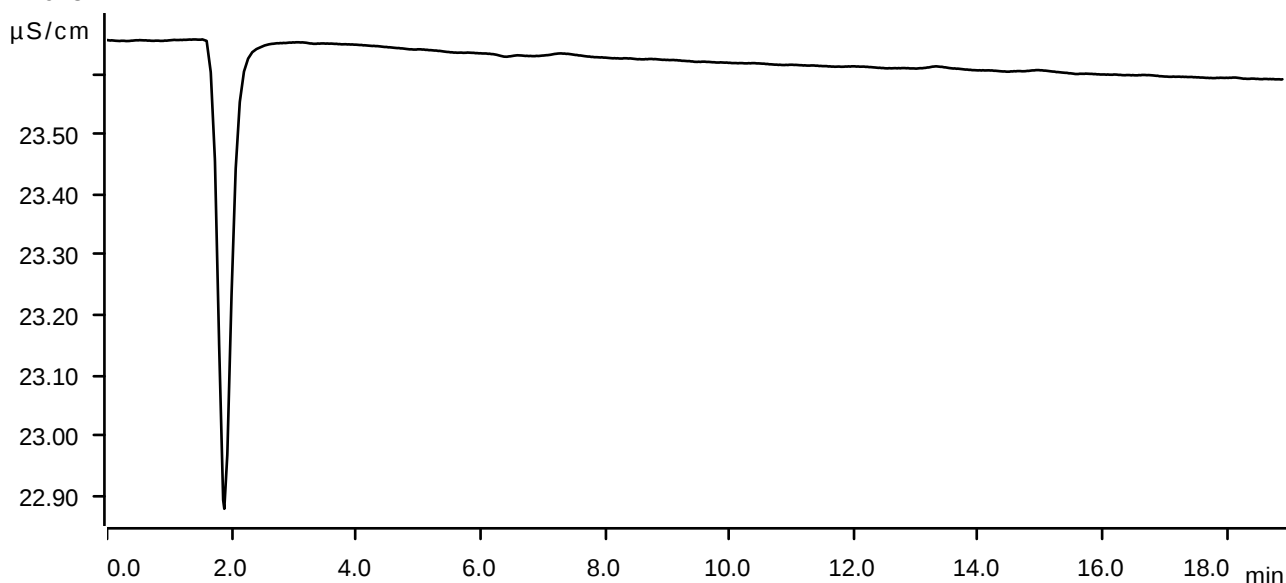
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.330	0.2988	2.078	2.063	Fluoride
2	6.425	0.3131	1.580	3.079	Chloride
3	8.468	0.6866	2.672	3.050	Nitrite
4	10.445	0.4538	1.486	10.243	Bromide
5	12.043	0.6463	1.852	2.541	Nitrate
6	13.295	0.4213	0.932	5.011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

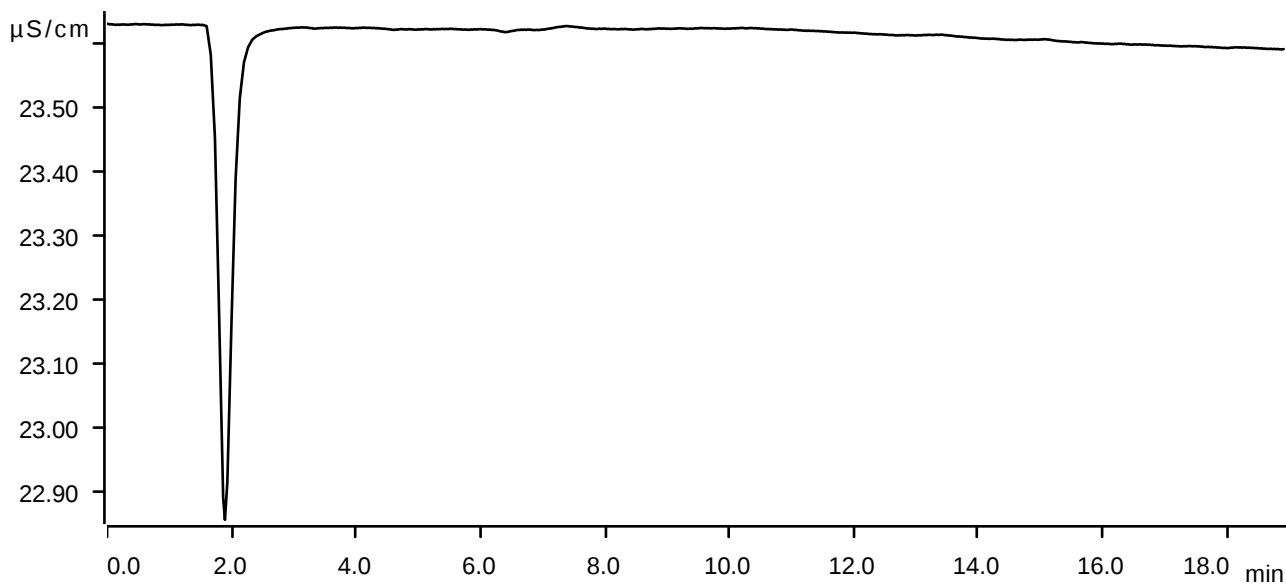
Anions

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

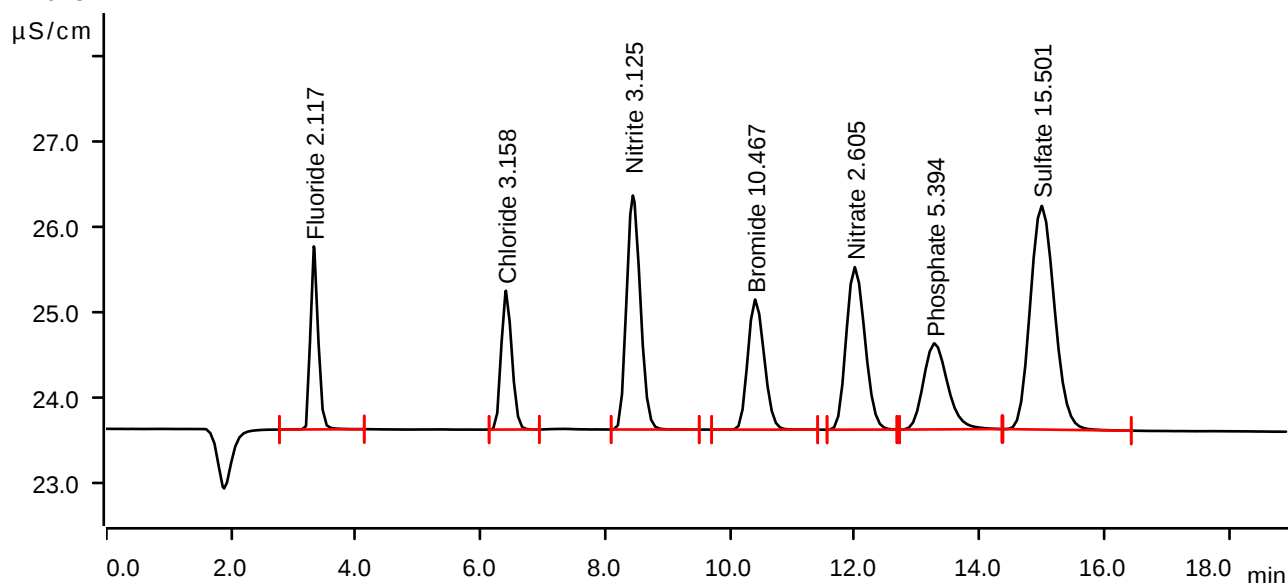
Sample data

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

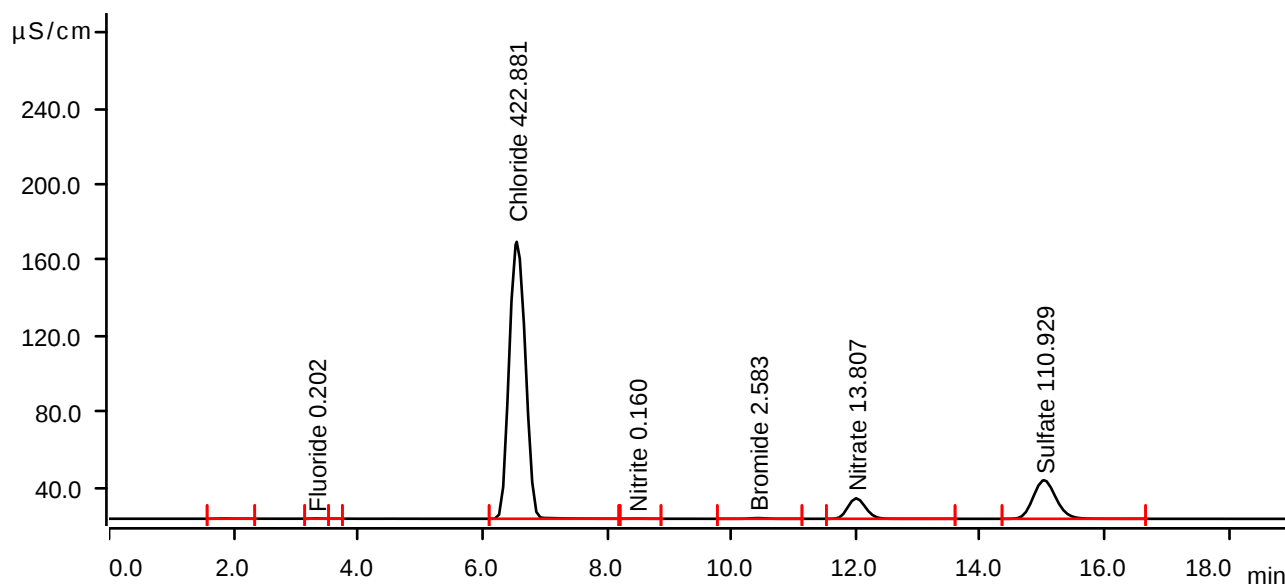
Sample data

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 (µS/cm) x min	Height µS/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

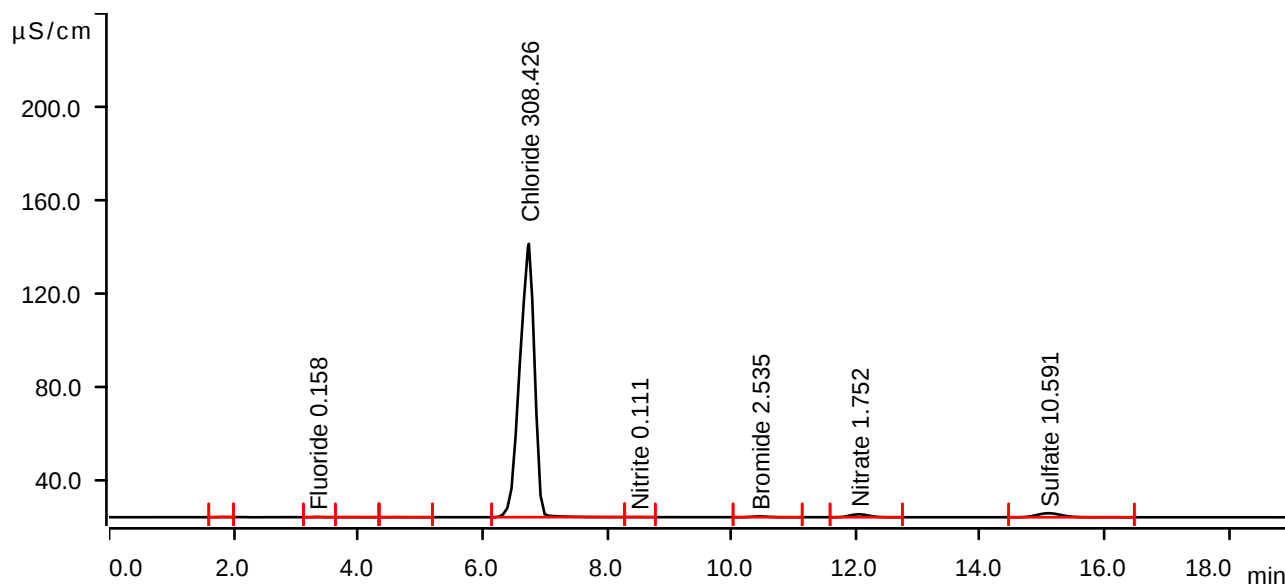
Sample data

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

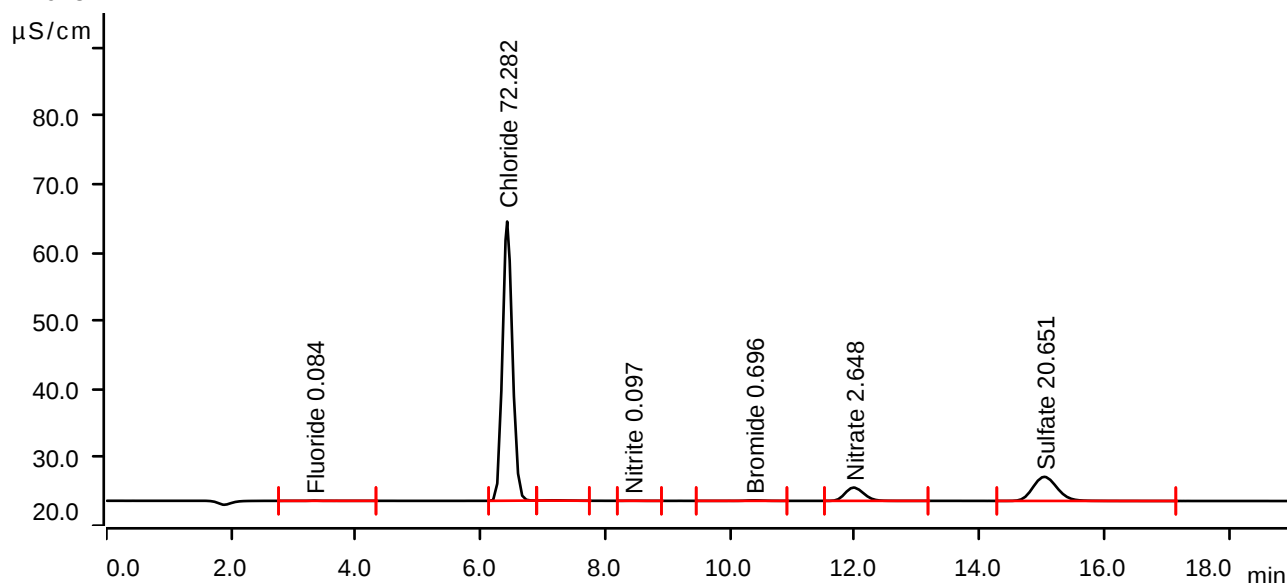
Sample data

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

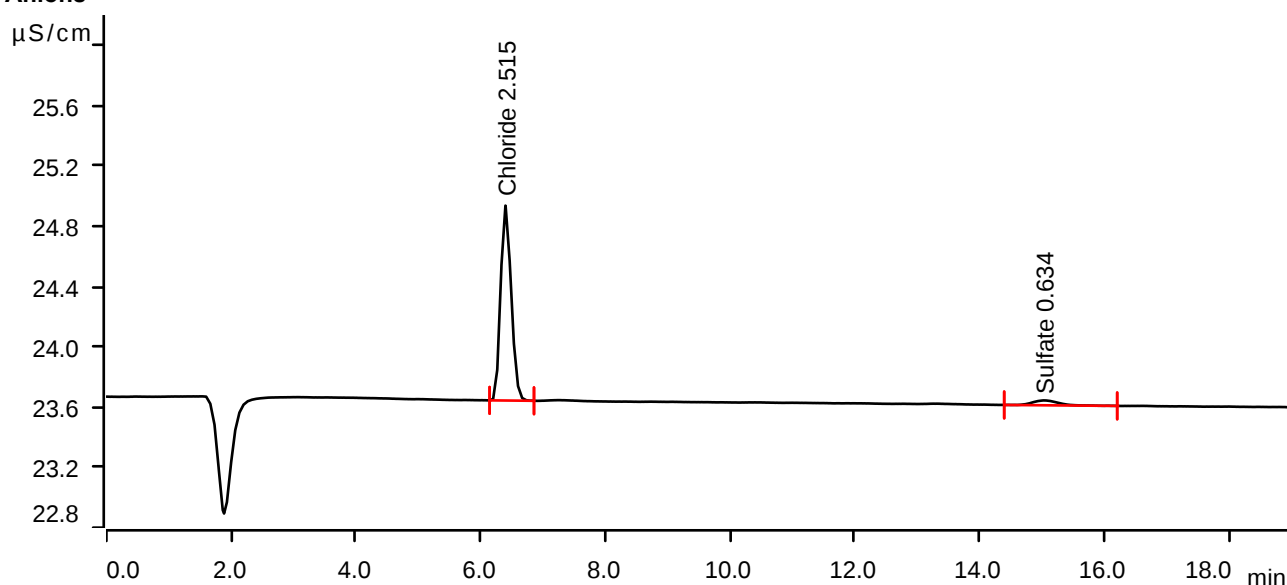
Sample data

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

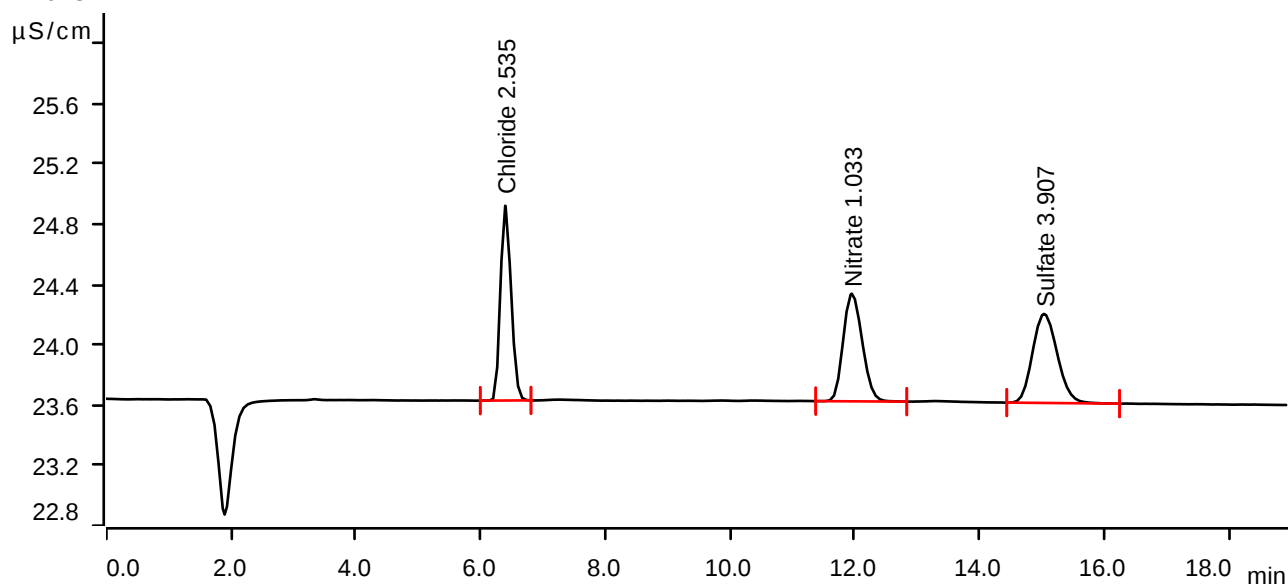
Sample data

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

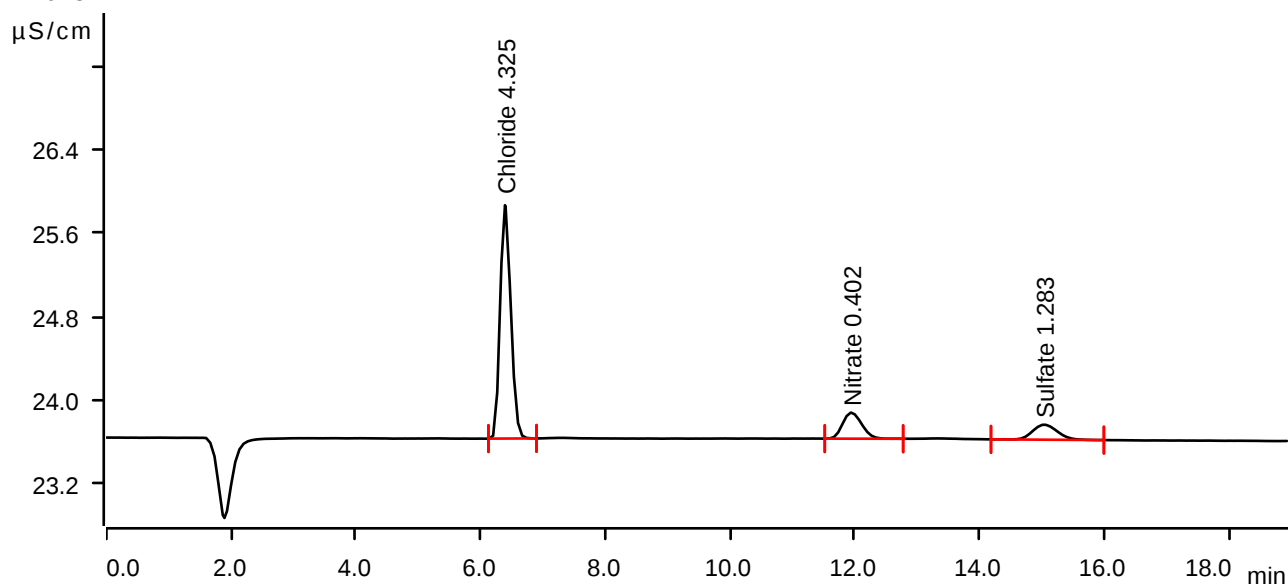
Sample data

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

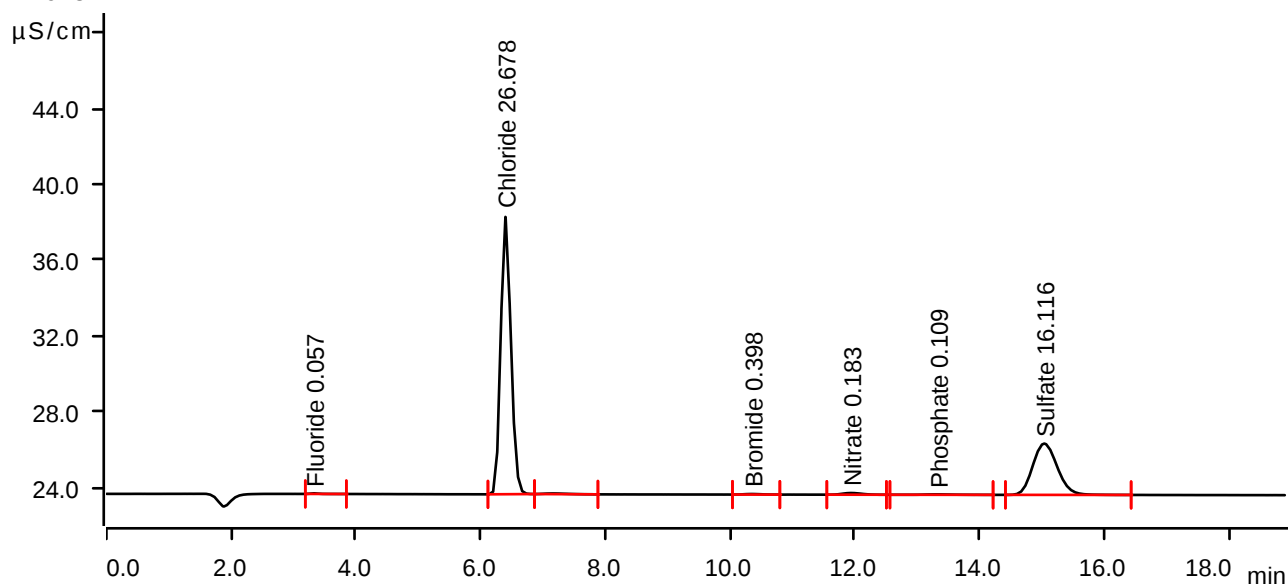
Sample data

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

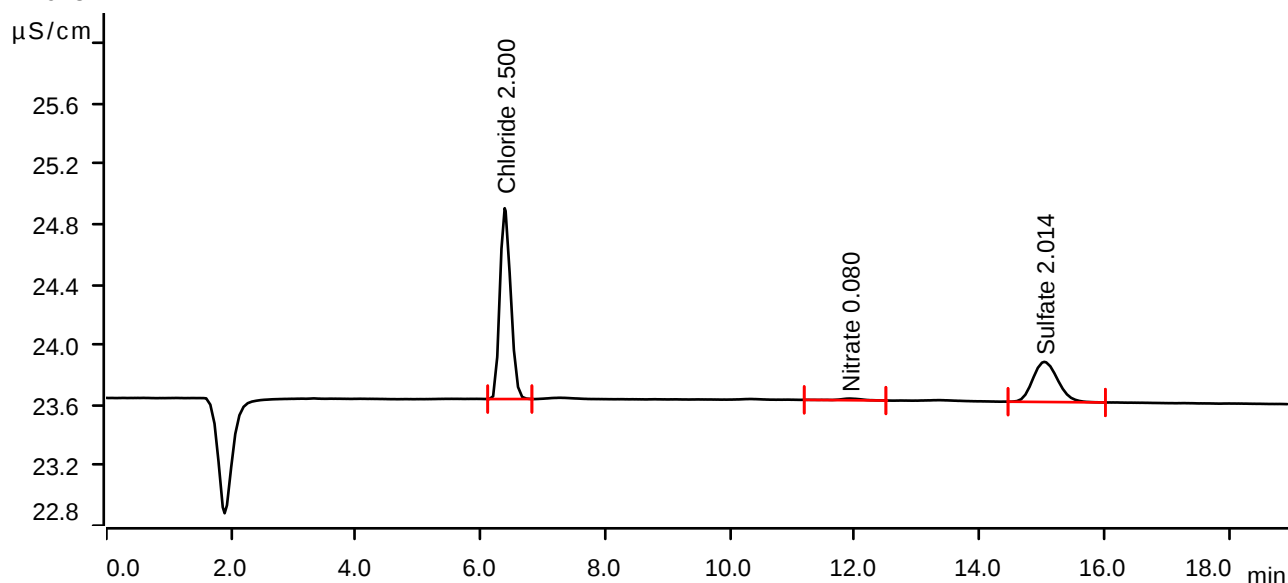
Sample data

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

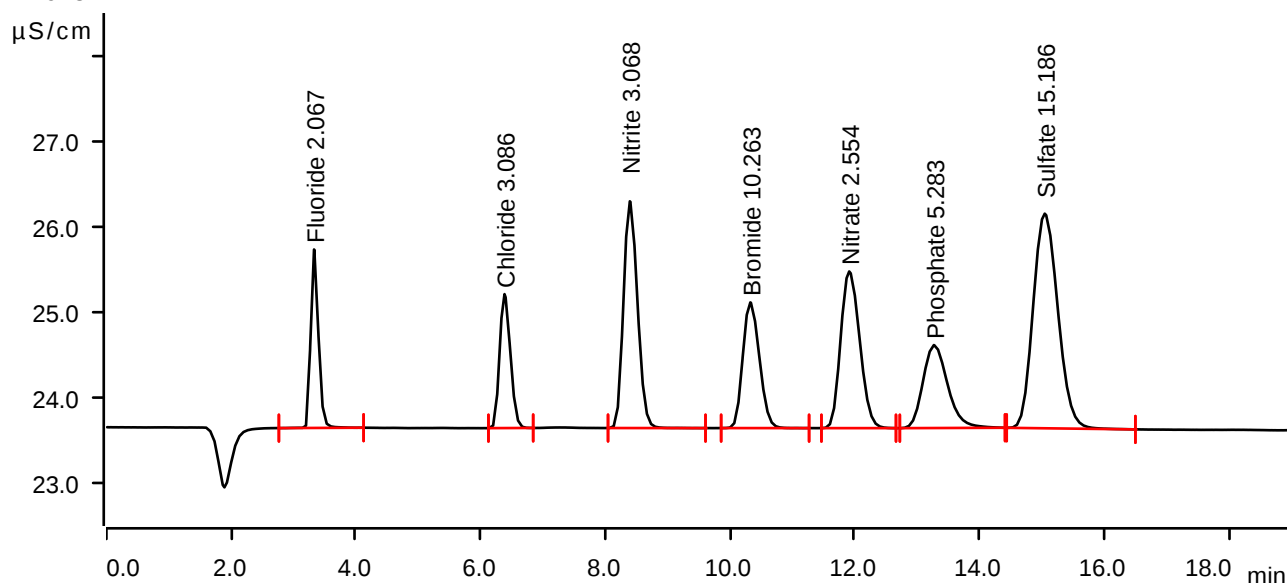
Sample data

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



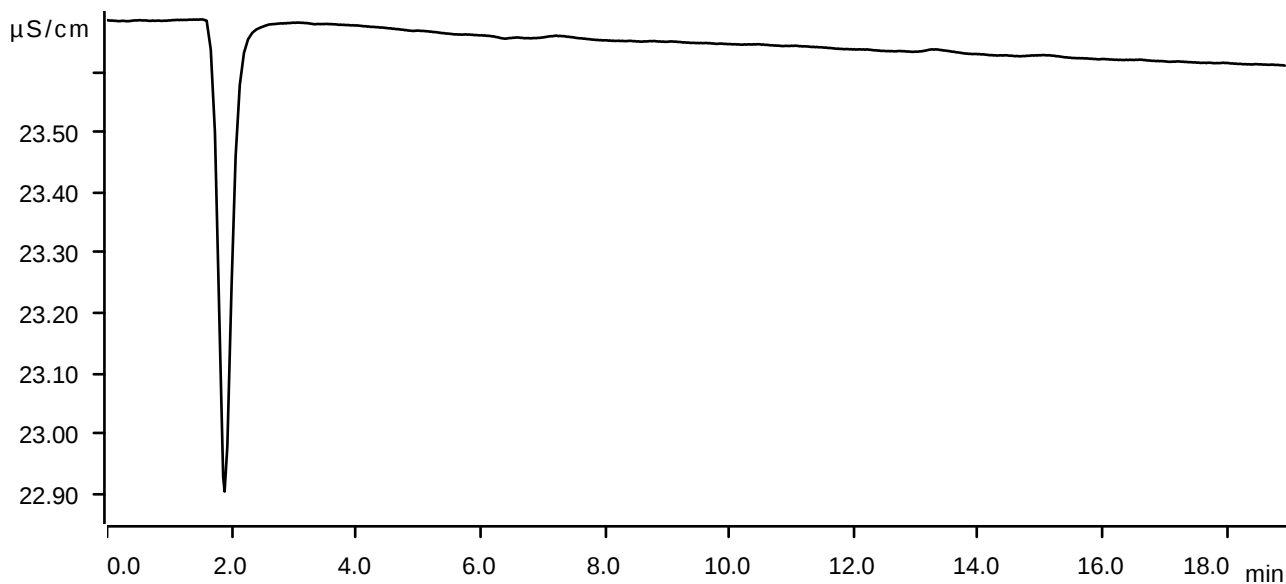
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.330	0.2994	2.090	2.067	Fluoride
2	6.383	0.3138	1.569	3.086	Chloride
3	8.393	0.6907	2.656	3.068	Nitrite
4	10.325	0.4548	1.472	10.263	Bromide
5	11.910	0.6498	1.835	2.554	Nitrate
6	13.272	0.4441	0.972	5.283	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

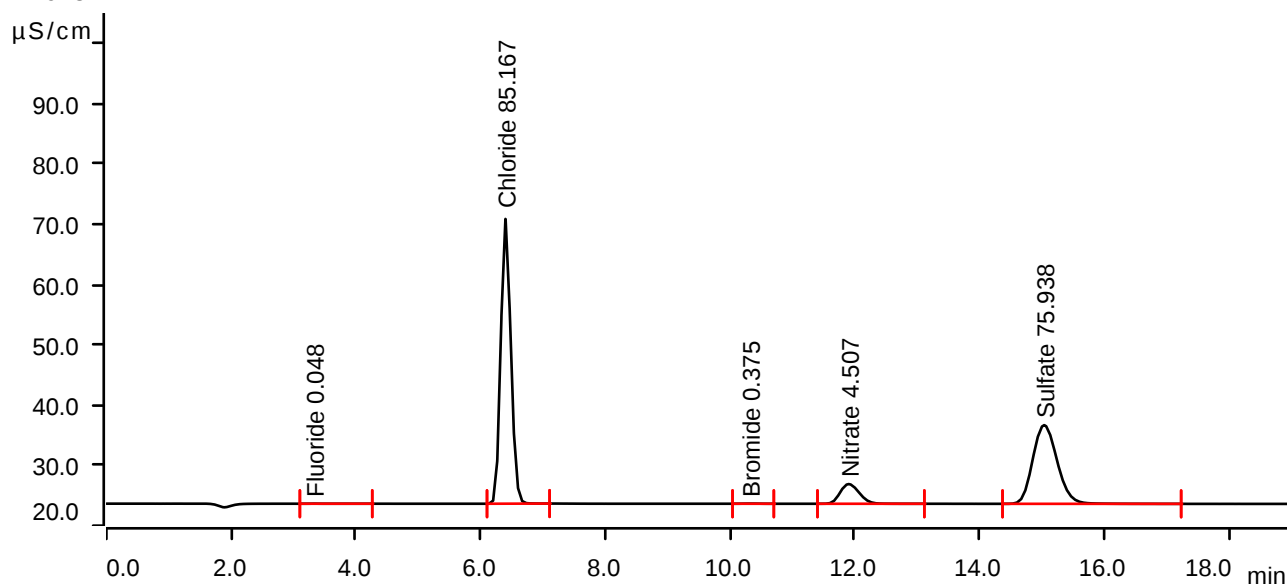
Sample data

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

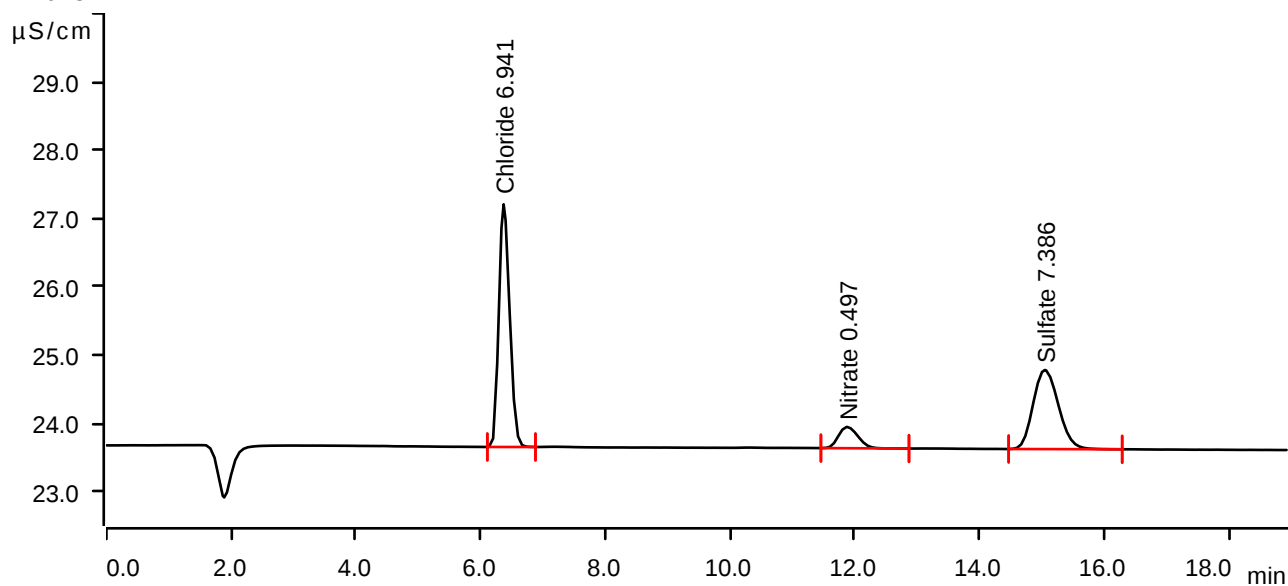
Sample data

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

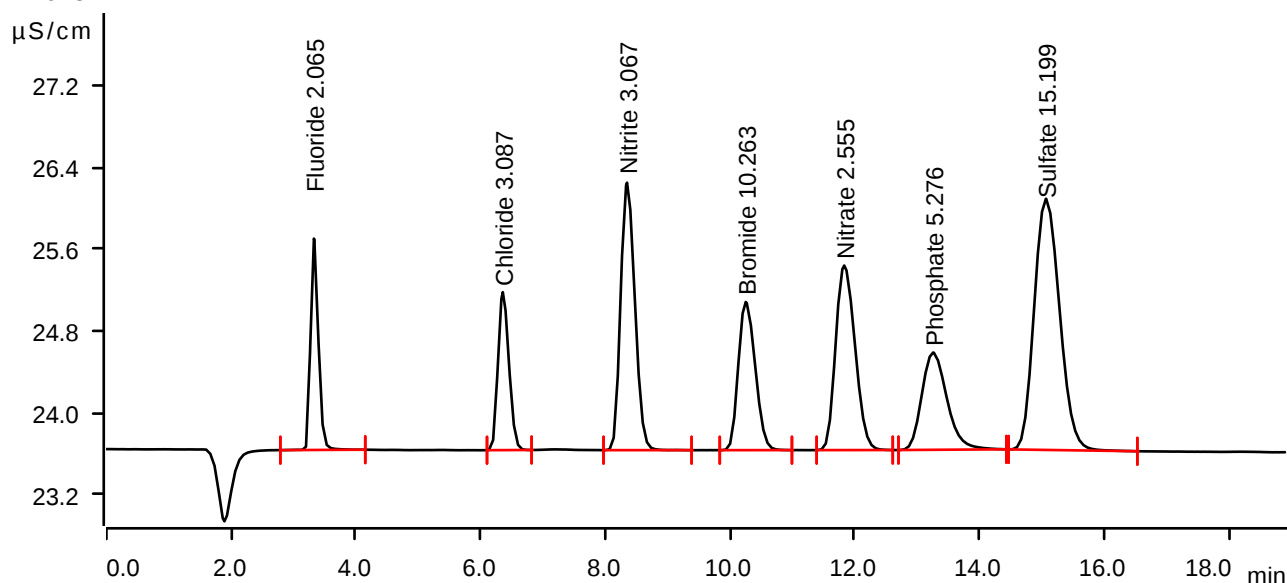
Sample data

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

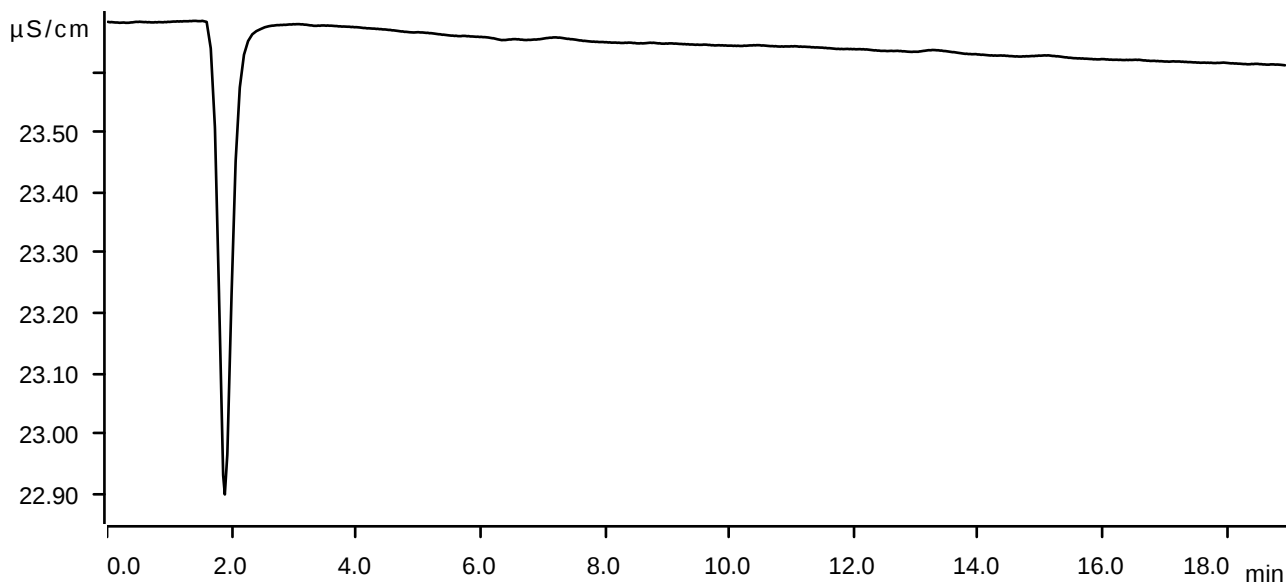
Sample data

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



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: Sh. S. S.

Raw Sample Relinquished by: Sh. S. S.

Date/Time 11/07/25 14:40

Raw Sample Received by: Sh. S. S.

Raw Sample Relinquished by: Sh. S. S.

Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: Oil and Grease
Run Number: LB137814
Analysis Date: 11/07/2025
BalanceID: WC SC-5
OvenID: EXT OVEN-3

ANALYST: jignesh
REVIEWED BY: Iwona
Extraction Date: 11/07/2025
Extraction IN Time: 08:10
Extraction OUT Time: 10:00
Thermometer ID: EXT OVEN#3

Dish #	Lab ID	Client ID	Matrix	pH	Sample Vol (ml)	Final Volume (ml)	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Silica Gel Weight (g)	Weight After Drying (g)	Final Weight After Drying (g)	Change Weight (g)	Result in ppm
1	LB137814BL	LB137814BL	WATER	1.3	1000	100	3.6217	3.6217	0	3.6218	3.6218	0.0001	0.1
2	LB137814BS	LB137814BS	WATER	1.3	1000	100	2.7413	2.7413	0	2.7582	2.7582	0.0169	16.9
3	Q3442-01	SW-1	WATER	1.3	1000	100	3.0325	3.0325	0	3.0341	3.0341	0.0016	1.6
4	Q3498-01	GREASE	WATER	1.6	400	100	3.0720	3.0720	0	4.0047	4.0047	0.9327	2331.75
5	Q3507-01	SW-1	WATER	1.3	400	100	3.0549	3.0549	0	3.0604	3.0604	0.0055	13.75
6	Q3508-01	SW-1	WATER	1.3	1000	100	3.0737	3.0737	0	3.0740	3.0740	0.0003	0.3
7	Q3510-01	OUTFALL-002	WATER	1.3	1000	100	3.0633	3.0633	0	3.0651	3.0651	0.0018	1.8
8	Q3511-01	OUTFALL-001	WATER	1.6	1000	100	3.0791	3.0791	0	3.0793	3.0793	0.0002	0.2
9	Q3511-02	OUTFALL-002	WATER	1.6	1000	100	3.0754	3.0754	0	3.0757	3.0757	0.0003	0.3
10	Q3530-07	LOD-MDL-WATER-01-QT4-2	WATER	1.3	1000	100	3.0423	3.0423	0	3.0445	3.0445	0.0022	2.2
11	Q3530-08	LOQ-WATER-02-QT4-2025	WATER	1.3	1000	100	3.0680	3.0680	0	3.0728	3.0728	0.0048	4.8
12	Q3534-01	MW-6	WATER	1.6	1000	100	3.0523	3.0523	0	3.0538	3.0538	0.0015	1.5
13	Q3534-02	MW-1	WATER	1.3	1000	100	3.0580	3.0580	0	3.0582	3.0582	0.0002	0.2
14	Q3534-03	MW-11	WATER	1.3	1000	100	3.0377	3.0377	0	3.0381	3.0381	0.0004	0.4
15	Q3534-04	MW-5	WATER	1.6	1000	100	3.0972	3.0972	0	3.0975	3.0975	0.0003	0.3
16	Q3534-05	MW-EB-1	WATER	1.6	1000	100	3.0588	3.0588	0	3.0642	3.0642	0.0054	5.4
17	Q3534-06	MW-EB-2	WATER	1.6	1000	100	3.0185	3.0185	0	3.0191	3.0191	0.0006	0.6
18	Q3534-07	MW-EB-3	WATER	1.6	1000	100	3.0266	3.0266	0	3.0273	3.0273	0.0007	0.7
19	Q3534-09	FB-1	WATER	1.3	1000	100	3.0643	3.0643	0	3.0644	3.0644	0.0001	0.1
20	Q3534-10	EB-1	WATER	1.3	1000	100	3.0633	3.0633	0	3.0634	3.0634	0.0001	0.1
21	Q3551-01	MANHOLE	WATER	1.6	1000	100	3.1237	3.1237	0	3.1295	3.1295	0.0058	5.8
22	Q3551-02	Q3551-01MS	WATER	1.6	1000	100	2.8563	2.8563	0	2.8822	2.8822	0.0259	25.9
23	Q3551-03	Q3551-01MSD	WATER	1.6	1000	100	3.0478	3.0478	0	3.0738	3.0738	0.0260	26
24	Q3552-01	MW-4	WATER	1.6	1000	100	2.9892	2.9892	0	2.9910	2.9910	0.0018	1.8

25	Q3552-02	MW-8	WATER	1.6	1000	100	3.0353	3.0353	0	3.0362	3.0362	0.0009	0.9
26	Q3552-03	MW-9	WATER	1.6	1000	100	3.0181	3.0181	0	3.0192	3.0192	0.0011	1.1
27	Q3552-04	MW-10	WATER	1.3	1000	100	3.0502	3.0502	0	3.0505	3.0505	0.0003	0.3
28	Q3552-05	MW-3	WATER	1.3	1000	100	3.0778	3.0778	0	3.0827	3.0827	0.0049	4.9
29	Q3554-01	EFFLUENT	WATER	1.6	1000	100	3.1345	3.1345	0	3.1529	3.1529	0.0184	18.4
30	Q3554-02	Q3554-01MS	WATER	1.6	1000	100	2.8506	2.8506	0	2.8892	2.8892	0.0386	38.6
31	Q3554-03	Q3554-01MSD	WATER	1.6	1000	100	3.1589	3.1589	0	3.1977	3.1977	0.0388	38.8

QC Batch# LB137814

Test: Oil and Grease

Analysis Date: 11/07/2025

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W3240
pH Paper 0-14	M6069
Sodium Sulfate	EP2655
1:1 HCL	WP115016
Silica Gel	N/A
Sand	N/A

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSW	2.5 ML	WP115017
LCSWD	N/A	N/A
MS/MSD	2.5 ML	WP115018

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

Before Analysis

0.0020 gram Balance: 0.0018 (0.0018-0.0022) In OVEN TEMP1 : 70 °C Dessicator Time In1 : 11:36

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 10:30

Bal Check Time: 08:20 Out OVEN TEMP1: 71 °C Dessicator Time Out1: 12:00

Out Time1: 11:35

After Analysis

0.0020 gram Balance: 0.0019 (0.0018-0.0022) In OVEN TEMP2 : 70 °C Dessicator Time In2 : 13:31

1.0000 gram Balance: 1.0005 (0.9950-1.0050) In Time2: 12:45

Bal Check Time: 14:10 Out OVEN TEMP2: 70 °C Dessicator Time Out2: 14:00

Out Time2: 13:30

WORKLIST(Hardcopy Internal Chain)

137814

WorkList Name : OIL & GREASE Q3534

WorkList ID : 192960

Department : Wet-Chemistry

Date : 11-07-2025 07:52:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3442-01	SW-1	Water	Oil and Grease	Conc H2SO4 to pH < 2	ATGG01	D41	10/18/2025	1664A
Q3498-01	GREASE	Water	Oil and Grease	Conc H2SO4 to pH < 2	LOEF01	D41	10/30/2025	1664A
Q3507-01	SW-1	Water	Oil and Grease	Conc H2SO4 to pH < 2	ATGG01	J12	10/30/2025	1664A
Q3508-01	SW-1	Water	Oil and Grease	Conc H2SO4 to pH < 2	ATGG01	J21	10/30/2025	1664A
Q3510-01	OUTFALL-002	Water	Oil and Grease	Conc H2SO4 to pH < 2	ATGG01	D41	10/30/2025	1664A
Q3511-01	OUTFALL-001	Water	Oil and Grease	Conc H2SO4 to pH < 2	ATGG01	D41	10/30/2025	1664A
Q3511-02	OUTFALL-002	Water	Oil and Grease	Conc H2SO4 to pH < 2	ATGG01	D41	10/30/2025	1664A
Q3530-07	LOD-MDL-WATER-01-QT4-202	Water	Oil and Grease	Conc H2SO4 to pH < 2	ALLI03	QA OI	11/03/2025	1664A
Q3530-08	LOQ-WATER-02-QT4-2025	Water	Oil and Grease	Conc H2SO4 to pH < 2	ALLI03	QA OI	11/03/2025	1664A
Q3534-01	MW-6	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D31	11/03/2025	1664A
Q3534-02	MW-1	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D31	11/03/2025	1664A
Q3534-03	MW-11	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D31	11/03/2025	1664A
Q3534-04	MW-5	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D31	11/03/2025	1664A
Q3534-05	MW-EB-1	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D31	11/04/2025	1664A
Q3534-06	MW-EB-2	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D31	11/03/2025	1664A
Q3534-07	MW-EB-3	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D31	11/04/2025	1664A
Q3534-09	FB-1	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D31	11/03/2025	1664A
Q3534-10	EB-1	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D31	11/04/2025	1664A
Q3551-01	MANHOLE	Water	Oil and Grease	Conc H2SO4 to pH < 2	SPEC01	D41	11/05/2025	1664A
Q3551-02	Q3551-01MS	Water	Oil and Grease	Conc H2SO4 to pH < 2	SPEC01	D41	11/05/2025	1664A
Q3551-03	Q3551-01MSD	Water	Oil and Grease	Conc H2SO4 to pH < 2	SPEC01	D41	11/05/2025	1664A

Date/Time 11/07/25 08:00

Raw Sample Received by: 137814

Raw Sample Relinquished by: 137814

Date/Time 11/07/25

Raw Sample Received by: 137814

Raw Sample Relinquished by: 137814

WORKLIST(Hardcopy Internal Chain)

18737814

WorkList Name : OIL & GREASE Q3534

WorkList ID : 192960

Department : Wet-Chemistry

Date : 11-07-2025 07:52:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3552-01	MW-4	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	1664A
Q3552-02	MW-8	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	1664A
Q3552-03	MW-9	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	1664A
Q3552-04	MW-10	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D41	11/05/2025	1664A
Q3552-05	MW-3	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	1664A
Q3554-01	EFFLUENT	Water	Oil and Grease	Conc H2SO4 to pH < 2	HOLL01	D41	11/05/2025	1664A
Q3554-02	Q3554-01MS	Water	Oil and Grease	Conc H2SO4 to pH < 2	HOLL01	D41	11/05/2025	1664A
Q3554-03	Q3554-01MSD	Water	Oil and Grease	Conc H2SO4 to pH < 2	HOLL01	D41	11/05/2025	1664A

Date/Time 11/07/25 08:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 11/07/25 16:40
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

66137

Test results Aquakem 7.2AQ1 Page:

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM Instrument ID : Konelab

11/7/2025 14:21

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	94.751	0.0	0.084	
ICB1	-0.501	0.0	0.001	
CCV1	237.505	0.0	0.207	
CCB1	-0.213	0.0	0.001	
RL CHECK	4.352	0.0	0.005	
PB170439BL	-0.089	0.0	0.002	
PB170439BS	101.781	0.0	0.090	
Q3530-12	2.813	0.0	0.004	
Q3530-12RE	3.756	0.0	0.005	
Q3551-01	28.465	0.0	0.026	
Q3551-01DUP	27.895	0.0	0.026	
Q3551-01MS	74.899	0.0	0.067	
Q3551-01MSD	73.515	0.0	0.065	
MIDPB170439	245.490	0.0	0.214	
CCV2	245.363	0.0	0.214	
CCB2	-0.364	0.0	0.001	

87% (50-150) 11/07/2025
RM

90% (90-110) 11/07/2025
RM

N 16
Mean 71.214
SD 92.2735
CV% 129.57

Aquakem v. 7.2AQ1

Results from time period:

Fri Nov 07 11:03:40 2025

Fri Nov 07 14:17:56 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	-0.8269	µg/l	11/7/2025 13:08:30	
5.0PPBCN	A	Total CN	P	4.3993	µg/l	11/7/2025 13:08:31	
10PPBCN	A	Total CN	P	9.6128	µg/l	11/7/2025 13:08:32	
50PPBCN	A	Total CN	P	50.1609	µg/l	11/7/2025 13:08:33	
100PPBCN	A	Total CN	P	101.6932	µg/l	11/7/2025 13:08:34	
250PPBCN	A	Total CN	P	250.6033	µg/l	11/7/2025 13:08:35	
500PPBCN	A	Total CN	P	499.3574	µg/l	11/7/2025 13:08:36	
ICV1	S	Total CN	P	94.751	µg/l	11/7/2025 13:44:49	
ICB1	S	Total CN	P	-0.5007	µg/l	11/7/2025 13:44:51	
CCV1	S	Total CN	P	237.5053	µg/l	11/7/2025 13:44:53	
CCB1	S	Total CN	P	-0.2134	µg/l	11/7/2025 13:44:54	
RL CHECK	S	Total CN	P	4.3516	µg/l	11/7/2025 13:44:58	
PB170439BL	S	Total CN	P	-0.0891	µg/l	11/7/2025 13:49:37	
PB170439BS	S	Total CN	P	101.7814	µg/l	11/7/2025 13:49:39	
Q3530-12	S	Total CN	P	2.8135	µg/l	11/7/2025 13:55:41	
Q3530-12RE	S	Total CN	P	3.7565	µg/l	11/7/2025 13:55:42	
Q3551-01	S	Total CN	P	28.465	µg/l	11/7/2025 14:00:29	
Q3551-01DUP	S	Total CN	P	27.8952	µg/l	11/7/2025 14:00:30	
Q3551-01MS	S	Total CN	P	74.8987	µg/l	11/7/2025 14:05:15	
Q3551-01MSD	S	Total CN	P	73.5152	µg/l	11/7/2025 14:05:17	
MIDPB170439	S	Total CN	P	245.4897	µg/l	11/7/2025 14:11:56	
CCV2	S	Total CN	P	245.3625	µg/l	11/7/2025 14:11:57	
CCB2	S	Total CN	P	-0.3642	µg/l	11/7/2025 14:12:00	

=====

Calibration results Aquakem 7.2AQ1 Page: 1

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

11/7/2025 13:10

Reviewed by : RM Instrument ID : Konelab

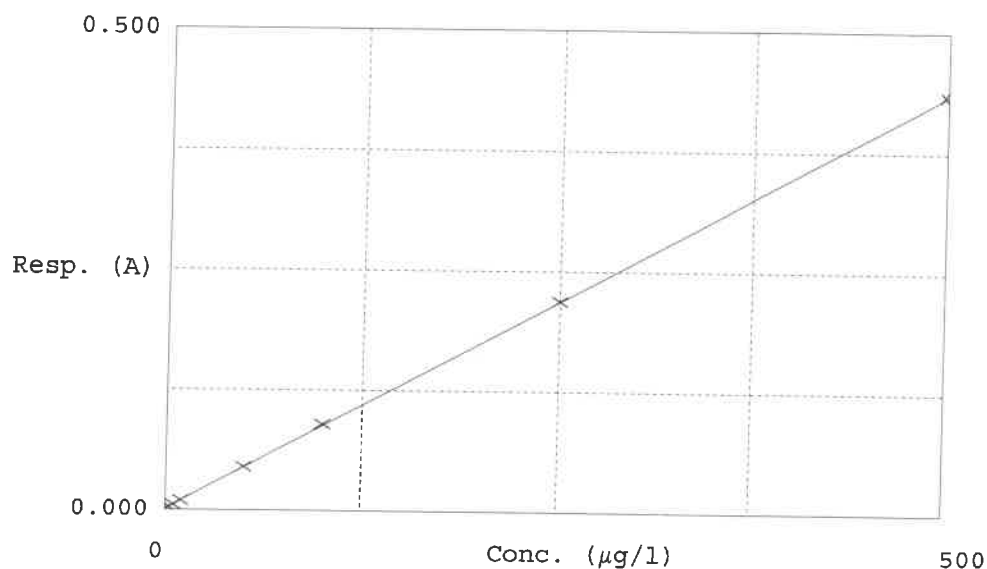
Test Total CN

Accepted 11/7/2025 13:10

Factor 1154
Bias 0.002

Coeff. of det. 0.999976

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.001	-0.8269	0.0000	-
2	5.0PPBCN	0.005	4.3993	5.0000	-12.0
3	10PPBCN	0.010	9.6128	10.0000	-3.9
4	50PPBCN	0.045	50.1609	50.0000	0.3
5	100PPBCN	0.090	101.6932	100.0000	1.7
6	250PPBCN	0.219	250.6033	250.0000	0.2
7	500PPBCN	0.434	499.3574	500.0000	-0.1

11/07/2025
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: LB137856

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: LB137856

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 13:00

TIME OUT: 10:20

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
LB137856BL	1	No	6.57	N/A	20.90	300	9.67	9.65	0.02	0.02	0.02	
POLYSEED	1					10	9.55	6.52	3.03	0.61	0.63	
POLYSEED	2					15	9.48	4.86	4.62	0.62		
POLYSEED	3					20	9.45	2.95	6.5	0.65		
GGA	1					6	9.51	5.49	4.02	169.5	177	
GGA	2					6	9.50	5.28	4.22	179.5		
GGA	3					6	9.50	5.23	4.27	182		
Q3551-04	1	No	7.00	N/A	20.00	5	9.63	8.40	-	0	25.86	
Q3551-04	2					20	9.61	7.18	2.43	27		
Q3551-04	3					50	9.59	4.84	4.75	24.72		
Q3551-04	4					150	9.57	0.52	-	0		
Q3551-04DUP	1	No	7.00	N/A	20.00	5	9.62	8.49	-	0	25.81	
Q3551-04DUP	2					20	9.60	7.22	2.38	26.25		
Q3551-04DUP	3					50	9.58	4.72	4.86	25.38		
Q3551-04DUP	4					150	9.56	0.54	-	0		
Q3552-01	1	No	6.80	N/A	20.10	5	9.62	0.98	-	0	114.6	
Q3552-01	2					20	9.48	1.21	8.27	114.6		
Q3552-01	3					50	9.11	0.89	-	0		
Q3552-01	4					150	8.25	0.54	-	0		
Q3552-02	1	No	5.68	6.74	20.00	5	9.56	8.63	-	0	7.18	pH Adjuster
Q3552-02	2					20	9.14	7.72	-	0		
Q3552-02	3					50	8.86	7.30	-	0		
Q3552-02	4					150	8.36	4.14	4.22	7.18		
Q3552-03	1	No	6.87	N/A	20.20	5	9.61	2.37	7.24	396.6	396.6	
Q3552-03	2					20	9.47	0.87	-	0		
Q3552-03	3					50	9.00	0.54	-	0		
Q3552-03	4					150	7.36	0.12	-	0		
Q3552-04	1	No	6.35	6.97	20.30	5	9.60	8.73	-	0	27.42	pH Adjuster
Q3552-04	2					20	9.46	7.72	-	0		
Q3552-04	3					50	9.10	3.90	5.2	27.42		
Q3552-04	4					150	7.98	0.87	-	0		
Q3552-05	1	No	6.80	N/A	20.00	5	9.62	2.88	6.74	366.6	366.6	
Q3552-05	2					20	9.48	0.98	-	0		
Q3552-05	3					50	9.16	0.89	-	0		
Q3552-05	4					150	7.76	0.54	-	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.

16137

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

11/14/2025 10:50

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	94.990	0.0	0.085	
ICB1	0.467	0.0	0.001	
CCV1	241.246	0.0	0.216	
CCB1	0.896	0.0	0.001	
RL CHECK	5.091	0.0	0.005	
PB170555BL	0.422	0.0	0.001	
PB170555BS	96.384	0.0	0.086	
MIDPB170555	240.862	0.0	0.215	
Q3551-01	22.304	0.0	0.020	
Q3551-01DUP	22.355	0.0	0.021	
CCV2	247.794	0.0	0.221	
CCB2	0.524	0.0	0.001	

101% (50-150)

96% (90-110)

11/14/2025
RM

N 12
Mean 81.111
SD 103.5748
CV% 127.69

Aquakem v. 7.2AQ1

Results from time period:

Fri Nov 14 09:19:45 2025

Fri Nov 14 10:50:04 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	-0.022	µg/l	11/14/2025 9:19:45	
5.0PPBCN	A	Total CN	P	5.343	µg/l	11/14/2025 9:19:46	
10PPBCN	A	Total CN	P	10.4033	µg/l	11/14/2025 9:19:47	
50PPBCN	A	Total CN	P	49.6432	µg/l	11/14/2025 9:19:48	
100PPBCN	A	Total CN	P	99.0638	µg/l	11/14/2025 9:19:49	
250PPBCN	A	Total CN	P	250.7143	µg/l	11/14/2025 9:19:50	
500PPBCN	A	Total CN	P	499.8543	µg/l	11/14/2025 9:19:51	
ICV1	S	Total CN	P	94.9904	µg/l	11/14/2025 10:13:36	
ICB1	S	Total CN	P	0.4672	µg/l	11/14/2025 10:13:38	
CCV1	S	Total CN	P	241.2462	µg/l	11/14/2025 10:13:40	
CCB1	S	Total CN	P	0.8963	µg/l	11/14/2025 10:13:42	
RL CHECK	S	Total CN	P	5.091	µg/l	11/14/2025 10:13:43	
PB170555BL	S	Total CN	P	0.4223	µg/l	11/14/2025 10:21:10	
PB170555BS	S	Total CN	P	96.3836	µg/l	11/14/2025 10:21:12	
MIDPB170555	S	Total CN	P	240.8622	µg/l	11/14/2025 10:21:14	
Q3551-01	S	Total CN	P	22.3041	µg/l	11/14/2025 10:49:57	
Q3551-01DUP	S	Total CN	P	22.3546	µg/l	11/14/2025 10:49:59	
CCV2	S	Total CN	P	247.7937	µg/l	11/14/2025 10:50:01	
CCB2	S	Total CN	P	0.5245	µg/l	11/14/2025 10:50:04	

Calibration results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

11/14/2025 9:20

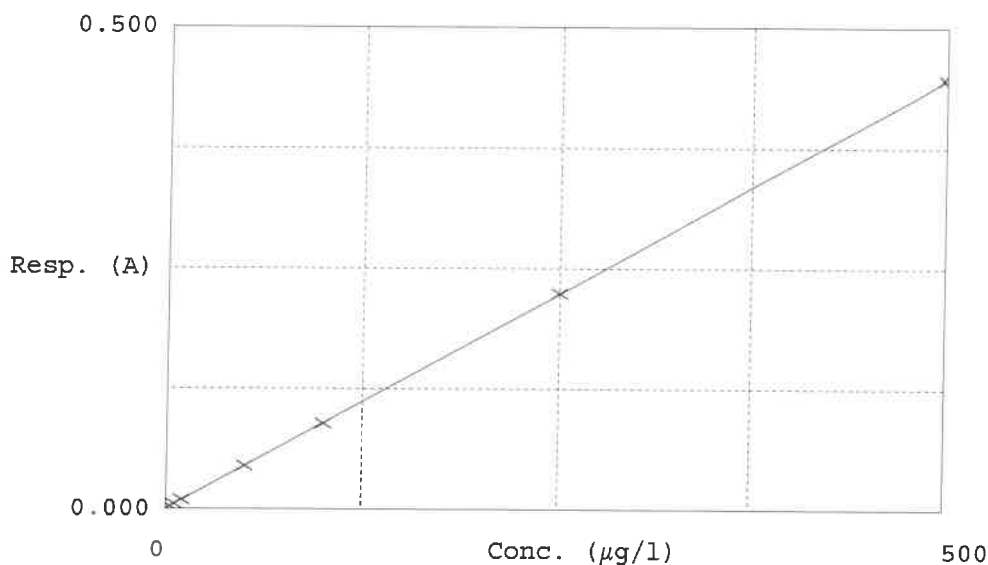
Test Total CN

Accepted 11/14/2025 9:20

Factor 1122
 Bias 0.001

Coeff. of det. 0.999991

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.001	-0.0220	0.0000	-6.9
2	5.0PPBCN	0.005	5.3430	5.0000	4.0
3	10PPBCN	0.010	10.4033	10.0000	-0.7
4	50PPBCN	0.045	49.6432	50.0000	-0.9
5	100PPBCN	0.089	99.0638	100.0000	0.3
6	250PPBCN	0.224	250.7143	250.0000	0.0
7	500PPBCN	0.446	499.8543	500.0000	

11/14/2025
 RM

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137904

Reagent/Standard	Lot/Log #
COD calibration std. 150 ppm	WP114659
COD calibration std. 100 ppm	WP114658
COD calibration std. 50 ppm	WP114656
COD calibration std. 10 ppm	WP114655
COD calibration std. 0 ppm	WP114654
COD ICV-LCS std, 50ppm	WP114661
COD calibration std. 75 ppm	WP114657
COD CCV std, 50ppm	WP115676
COD ICV-LCS std, 50ppm	WP115677
RL CHECK	WP115678
COD Digestion Vials Low Level 0-150Mg/L	W3250

Temp In(C): 149	Date In: 11/14/2025	Time In: 10:15
Temp Out(C): 151	Date Out: 11/14/2025	Time Out: 12:15

Intercept: 0.3943

Slope: 0.9887

Regression: 0.9996

Seq	Lab ID	TrueValue (mg/l)	DF	MATRIX	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	Water	0.000	-0.399		09/08/2025	13:30
2	CAL2	10	1	Water	9.000	8.704	-13	09/08/2025	13:30
3	CAL3	50	1	Water	51.000	51.184	2.4	09/08/2025	13:31
4	CAL4	75	1	Water	77.000	77.481	3.3	09/08/2025	13:31
5	CAL5	100	1	Water	98.000	98.721	-1.3	09/08/2025	13:32
6	CAL6	150	1	Water	148.000	149.293	-0.5	09/08/2025	13:32

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137904

Seq	Lab ID	True Value (mg/l)	Initial Weight (g)	Final Vol (ml)	DF	MATRIX	Reading	Result	AnalDate	AnalTime
1	ICV	50	NA	NA	1	Water	50.000	50.173	09/08/2025	13:33
2	ICB		NA	NA	1	Water	1.000	0.613	09/08/2025	13:33
3	CCV1	50	NA	NA	1	Water	51.000	51.184	11/14/2025	14:00
4	CCB1		NA	NA	1	Water	1.000	0.613	11/14/2025	14:00
5	RL Check	10	NA	NA	1	Water	7.000	6.681	11/14/2025	14:01
6	LB137904BL		NA	NA	1	Water	1.000	0.613	11/14/2025	14:01
7	LB137904BS	50	NA	NA	1	Water	53.000	53.207	11/14/2025	14:02
8	Q3551-04		NA	NA	10	Water	23.000	22.864	11/14/2025	14:02
9	Q3552-01		NA	NA	5	Water	77.000	77.481	11/14/2025	14:03
10	Q3552-02		NA	NA	1	Water	132.000	133.110	11/14/2025	14:03
11	Q3552-03		NA	NA	5	Water	43.000	43.093	11/14/2025	14:04
12	Q3552-04		NA	NA	5	Water	41.000	41.070	11/14/2025	14:04
13	Q3552-05		NA	NA	5	Water	49.000	49.161	11/14/2025	14:05
14	Q3569-01		NA	NA	1	Water	94.000	94.676	11/14/2025	14:05
15	Q3569-02		NA	NA	1	Water	105.000	105.801	11/14/2025	14:06
16	CCV2	50	NA	NA	1	Water	48.000	48.150	11/14/2025	14:06
17	CCB2		NA	NA	1	Water	1.000	0.613	11/14/2025	14:07
18	Q3578-01		NA	NA	10	Water	86.000	86.584	11/14/2025	14:07
19	Q3584-01		NA	NA	1	Water	9.000	8.704	11/14/2025	14:08
20	Q3584-02		NA	NA	1	Water	78.000	78.493	11/14/2025	14:08
21	Q3584-03		NA	NA	1	Water	76.000	76.470	11/14/2025	14:09
22	Q3584-07		NA	NA	50	Water	116.000	116.927	11/14/2025	14:09
23	Q3630-01		NA	NA	1	Water	26.000	25.898	11/14/2025	14:10
24	Q3630-03		NA	NA	1	Water	84.000	84.561	11/14/2025	14:10
25	Q3630-04		NA	NA	1	Water	79.000	79.504	11/14/2025	14:11
26	Q3630-05		NA	NA	1	Water	24.000	23.875	11/14/2025	14:11
27	Q3630-05DUP		NA	NA	1	Water	23.000	22.864	11/14/2025	14:12
28	CCV3	50	NA	NA	1	Water	48.000	48.150	11/14/2025	14:12
29	CCB3		NA	NA	1	Water	1.000	0.613	11/14/2025	14:13
30	Q3630-05MS	50	NA	NA	1	Water	68.000	68.378	11/14/2025	14:13
31	Q3630-05MSD	50	NA	NA	1	Water	67.000	67.367	11/14/2025	14:13
32	CCV4	50	NA	NA	1	Water	49.000	49.161	11/14/2025	14:14
33	CCB4		NA	NA	1	Water	0.000	-0.399	11/14/2025	14:14

WORKLIST(Hardcopy Internal Chain)

LB137904

WorkList Name : COD-111125

WorkList ID : 193045

Department : Wet-Chemistry

Date : 11-11-2025 11:37:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3578-01	MH-11172025	Water	COD	Conc H2SO4 to pH < 2	EURO03	D31	11/07/2025	SM5220 D
Q3552-01	MW-4	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM5220 D
Q3552-02	MW-8	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM5220 D
Q3552-03	MW-9	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM5220 D
Q3552-04	MW-10	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM5220 D
Q3552-05	MW-3	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/05/2025	SM5220 D
Q3569-01	MW-2	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM5220 D
Q3569-02	MW-12	Water	COD	Conc H2SO4 to pH < 2	REMI02	J22	11/05/2025	SM5220 D
Q3584-01	SW-1	Water	COD	Conc H2SO4 to pH < 2	REMI02	J22	11/05/2025	SM5220 D
Q3584-02	SW-2	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/06/2025	SM5220 D
Q3584-03	SW-3	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/07/2025	SM5220 D
Q3584-07	SEEP-1	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/07/2025	SM5220 D
Q3630-01	DSN002	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/07/2025	SM5220 D
Q3630-03	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D41	11/13/2025	SM5220 D
Q3630-04	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D41	11/13/2025	SM5220 D
Q3630-05	DSN003	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D41	11/13/2025	SM5220 D
Q3551-04	MANHOLE	Water	COD	Conc H2SO4 to pH < 2	SPEC01	D41	11/05/2025	SM5220 D

Date/Time 11/14/25 09:25
 Raw Sample Received by: 12(✓)
 Raw Sample Relinquished by: 12(✓)

Date/Time 11/14/25 10:40
 Raw Sample Received by: 12(✓)
 Raw Sample Relinquished by: 12(✓)

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

11/17/2025 16:36

Reviewed by : RM Instrument ID : Konelab

Test: Phenolics-

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	1.002	0.0	0.107	
ICB1	0.003	0.0	0.007	
CCV1	0.972	0.0	0.104	
CCB1	0.007	0.0	0.007	
PB170566BL	0.005	0.0	0.007	
PB170566BS	0.989	0.0	0.106	
Q3530-10	0.031	0.0	0.009	
Q3530-11	0.056	0.0	0.012	
Q3551-01	0.363	0.0	0.043	
Q3630-02	0.014	0.0	0.008	
Q3630-06	-0.010	0.0	0.005	
Q3630-06DUP	0.024	0.0	0.009	
Q3630-06MS	1.055	0.0	0.112	
Q3630-06MSD	1.058	0.0	0.113	
CCV2	0.977	0.0	0.104	
CCB2	0.008	0.0	0.007	
N	16			
Mean	0.410			
SD	0.4876			
CV%	119.02			

Aquakem v. 7.2AQ1

Results from time period:

Mon Nov 17 15:46:38 2025

Mon Nov 17 16:36:26 2025

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.00PPM	A	Phenolics-	P	-0.0005	mg/l	11/17/2025 15:46:38	
0.05PPM	A	Phenolics-	P	0.0582	mg/l	11/17/2025 15:46:39	
0.1PPM	A	Phenolics-	P	0.1053	mg/l	11/17/2025 15:46:40	
0.25PPM	A	Phenolics-	P	0.251	mg/l	11/17/2025 15:46:41	
0.50PPM	A	Phenolics-	P	0.4996	mg/l	11/17/2025 15:46:42	
1.0PPM	A	Phenolics-	P	0.9739	mg/l	11/17/2025 15:46:43	
2.0PPM	A	Phenolics-	P	2.0125	mg/l	11/17/2025 15:46:44	
ICV1	S	Phenolics-	P	1.0023	mg/l	11/17/2025 16:20:29	
ICB1	S	Phenolics-	P	0.0028	mg/l	11/17/2025 16:20:32	
CCV1	S	Phenolics-	P	0.9715	mg/l	11/17/2025 16:20:33	
CCB1	S	Phenolics-	P	0.0066	mg/l	11/17/2025 16:20:35	
PB170566BL	S	Phenolics-	P	0.0051	mg/l	11/17/2025 16:20:38	
PB170566BS	S	Phenolics-	P	0.9891	mg/l	11/17/2025 16:20:39	
Q3530-10	S	Phenolics-	P	0.031	mg/l	11/17/2025 16:30:31	
Q3530-11	S	Phenolics-	P	0.0563	mg/l	11/17/2025 16:30:34	
Q3551-01	S	Phenolics-	P	0.3628	mg/l	11/17/2025 16:30:35	
Q3630-02	S	Phenolics-	P	0.0143	mg/l	11/17/2025 16:30:37	
Q3630-06	S	Phenolics-	P	-0.0102	mg/l	11/17/2025 16:30:39	
Q3630-06DUP	S	Phenolics-	P	0.0244	mg/l	11/17/2025 16:30:40	
Q3630-06MS	S	Phenolics-	P	1.0554	mg/l	11/17/2025 16:30:41	
Q3630-06MSD	S	Phenolics-	P	1.0578	mg/l	11/17/2025 16:30:42	
CCV2	S	Phenolics-	P	0.9773	mg/l	11/17/2025 16:36:23	
CCB2	S	Phenolics-	P	0.0082	mg/l	11/17/2025 16:36:26	

Calibration results

Aquakem 7.2AQ1

Page:

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM Instrument ID : Konelab

11/17/2025 15:48

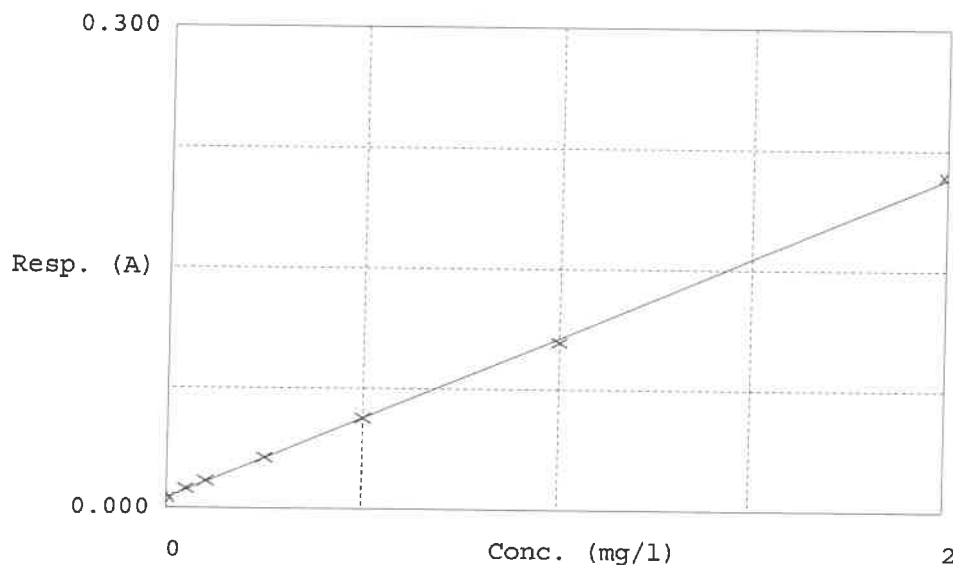
Test Phenolics-

Accepted 11/17/2025 15:48

Factor 9.96
Bias 0.006

Coeff. of det. 0.999704

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.006	-0.0005	0.0000	-
2	Phenol-2	0.012	0.0582	0.0500	16.4
3	Phenol-2	0.017	0.1053	0.1000	5.3
4	Phenol-2	0.032	0.2510	0.2500	0.4
5	Phenol-2	0.057	0.4996	0.5000	-0.1
6	Phenol-2	0.104	0.9739	1.0000	-2.6
7	Phenol-2	0.208	2.0125	2.0000	0.6

11/17/2025
RM



Analytical Summary Report

Reviewed By:Iwona
On:11/18/2025 1:11:16
PM
Inst Id :Thermometer
LB :LB137931

Analysis Method: SM2550-B

Reviewed By: rubina

Parameter: Field Temperature

Supervisor Review By: Iwona

Run Number: LB137931

Seq	LabID	ClientID	DL	Temperature (°C)	Anal Date	Anal Time
1	Q3551-01	MANHOLE	1	16.00	11/04/2025	16:04
2	Q3551-01DUP	MANHOLEDUP	1	16.10	11/04/2025	16:08

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

SDG No : N/A

Start Digest Date: 11/06/2025 Time : 08:40 Temp : 150 °C

Matrix : WATER

End Digest Date: 11/06/2025 Time : 09:40 Temp : 160 °C

Pipette ID : WC

11/06/2025 10:15 150 °C
11/06/2025 11:15 160 °C

Balance ID : N/A

Hood ID : HOOD#2

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

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:

Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP115088
MS/MSD SPIKE SOL.	1.0ML	WP115087
PBW	50.0ML	W3112
RL CHECK	0.1ML	WP115087
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP113886
NAOH 6N	0.5-2.0ML	WP113887
H2SO4 0.04N	5.0ML	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,

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/06/2025 11:30	RM (WC)	RM (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
PB170403BL	PBW403	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB170403BS	LCS403	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3537-03DUP	MW-17-PURGE-WATERDUP	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3537-03MS	MW-17-PURGE-WATERMS	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3537-03MSD	MW-17-PURGE-WATERMSD	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3537-03	MW-17-PURGE-WATER	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3541-01	N48969	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3551-04	MANHOLE	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3554-05	INFLUENT	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : AMMONIA-11-04 WorkList ID : 192914 Department : Distillation Date : 11-05-2025 15:31:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3537-03	MW-17-PURGE-WATER	Water	Ammonia	Conc H2SO4 to pH < 2	PSEG03	D41	11/04/2025	SM4500-NH3
Q3541-01	N48969	Water	Ammonia	Conc H2SO4 to pH < 2	PSEG03	D41	11/04/2025	SM4500-NH3
Q3551-04	MANHOLE	Water	Ammonia	Conc H2SO4 to pH < 2	SPEC01	D41	11/05/2025	SM4500-NH3
Q3554-05	INFLUENT	Water	Ammonia	Conc H2SO4 to pH < 2	HOLL01	D41	11/05/2025	SM4500-NH3

Date/Time 11/06/2025 08:00
Raw Sample Received by: RM (WC)
Raw Sample Relinquished by: JM (WC)

Date/Time 11/06/2025 11:00
Raw Sample Received by: JM (WC)
Raw Sample Relinquished by: RM (WC)

SOP ID : MSM4500-CN C,E-Cyanide-13

SDG No : N/A

Start Digest Date: 11/07/2025 Time : 08:10 Temp : 123 °C

Matrix : WATER

End Digest Date: 11/07/2025 Time : 09:40 Temp : 126 °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: 

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: 

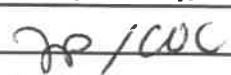
Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP113837
RL CHECK	50.0ML	WP115531
PBW	50.0ML	W3112
MDL	2.00ML	WP115533

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP115334
51% w/v MgCL2	2.0ML	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	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	2.5ML	WP113837
HIGHSTD	HIGHSTD	N/A	N/A
LOWSTD	LOWSTD	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

MDL WP115533 1.25ML

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/07/2025 09:50		RM (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
PB170439BL	PBW439	50	50	>12	Negative	Negative	Negative	N/A	N/A
PB170439BS	LCS439	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3530-12	MDL-WATER-06-QT4-2025	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3551-01	MANHOLE	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3551-01DUP	MANHOLEDUP	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3551-01MS	MANHOLEMS	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3551-01MSD	MANHOLEMSD	50	50	>12	Negative	Negative	Negative	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CN Q3551

WorkList ID : 192976

Department : Distillation

Date : 11-07-2025 07:27:27

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3530-12	MDL-WATER-06-QT4-2025	Water	Cyanide	1:1 NaOH to pH >12	ALLI03	QA Of	11/03/2025	SM4500-CN C
Q3551-01	MANHOLE	Water	Cyanide	1:1 NaOH to pH >12	SPEC01	D41	11/05/2025	SM4500-CN C

Date/Time 11/07/2025 07:35
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 11/07/2025 10:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

SOP ID : M420.1 & 9065-Phenolics-14

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: 11/14/2025 Time : 14:00 Temp : 150 °C

End Digest Date: 11/14/2025 Time : 15:00 Temp : 160 °C

11 batch 11/14/2025 15:30 16:30 150°C 160°C } RM

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Filter paper ID : N/A

Prep Technician Signature: RM

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP115690
MS/MSD SPIKE SOL.	1.0ML	WP115689
PBW	50.0ML	W3112
LOD	0.25ML	WP115691
LOQ	0.5ML	WP115691

Chemical Used	ML/SAMPLE USED	Lot Number
pH Paper 0-14	N/A	W3241
CONC H2SO4	N/A	M6186
KI-starch paper	N/A	W3155
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/14/2025 16:45	RM WG	RM WG
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170566BL	PBW566	50	50	<2	N/A	N/A	N/A	N/A	N/A
PB170566BS	LCS566	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3530-10	LOD-MDL-WATER-04-QT4-20 25	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3530-11	LOQ-WATER-05-QT4-2025	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3551-01	MANHOLE	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3630-02	DSN002	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3630-06	DSN003	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3630-06DUP	DSN003DUP	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3630-06MS	DSN003MS	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3630-06MSD	DSN003MSD	50	50	<2	N/A	N/A	N/A	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PHE-WATER+

WorkList ID : 193137

Department : Distillation

Date : 11-14-2025 08:14:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3530-10	LOD-MDL-WATER-04-QT4-202	Water	Phenolics	Conc H2SO4 to pH < 2	ALLI03	QA Of	11/03/2025	420.1
Q3530-11	LOQ-WATER-05-QT4-2025	Water	Phenolics	Conc H2SO4 to pH < 2	ALLI03	QA Of	11/03/2025	420.1
Q3551-01	MANHOLE	Water	Phenolics	Conc H2SO4 to pH < 2	SPEC01	D41	11/05/2025	420.1
Q3630-02 -	DSN002	Water	Phenolics	Conc H2SO4 to pH < 2	PSEG04	D41	11/13/2025	420.1
Q3630-06.	DSN003	Water	Phenolics	Conc H2SO4 to pH < 2	PSEG04	D41	11/13/2025	420.1

Date/Time 11/14/2025 11:00
 Raw Sample Received by: RH (w)
 Raw Sample Relinquished by: g(w)

Date/Time 11/14/2025 16:06
 Raw Sample Received by: g(w)
 Raw Sample Relinquished by: RH(w)

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137801

Review By	rubina	Review On	11/7/2025 8:42:27 AM
Supervise By	Iwona	Supervise On	11/7/2025 8:54:01 AM
SubDirectory	LB137801	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP115501		
ICV Standard	WP115503		
CCV Standard	WP115502		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115088		
Chk Standard	WP115290,WP114133,WP113929,WP114132		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	11/06/25 12:06		rubina	OK
2	0.1PPM	0.1PPM	CAL2	11/06/25 12:06		rubina	OK
3	0.2PPM	0.2PPM	CAL3	11/06/25 12:06		rubina	OK
4	0.4PPM	0.4PPM	CAL4	11/06/25 12:06		rubina	OK
5	1.0PPM	1.0PPM	CAL5	11/06/25 12:06		rubina	OK
6	1.3PPM	1.3PPM	CAL6	11/06/25 12:06		rubina	OK
7	2.0PPM	2.0PPM	CAL7	11/06/25 12:06		rubina	OK
8	ICV1	ICV1	ICV	11/06/25 12:48		rubina	OK
9	ICB1	ICB1	ICB	11/06/25 12:48		rubina	OK
10	CCV1	CCV1	CCV	11/06/25 12:48		rubina	OK
11	CCB1	CCB1	CCB	11/06/25 12:48		rubina	OK
12	RL	RL	LOQ	11/06/25 12:48		rubina	OK
13	PB170403BL	PB170403BL	MB	11/06/25 12:59		rubina	OK
14	PB170403BS	PB170403BS	LCS	11/06/25 12:59		rubina	OK
15	Q3537-03	MW-17-PURGE-WAT	SAM	11/06/25 12:59		rubina	OK
16	Q3537-03DUP	MW-17-PURGE-WAT	DUP	11/06/25 12:59		rubina	OK
17	Q3537-03MS	MW-17-PURGE-WAT	MS	11/06/25 12:59		rubina	OK
18	Q3537-03MSD	MW-17-PURGE-WAT	MSD	11/06/25 12:59		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137801

Review By	rubina	Review On	11/7/2025 8:42:27 AM
Supervise By	Iwona	Supervise On	11/7/2025 8:54:01 AM
SubDirectory	LB137801	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP115501		
ICV Standard	WP115503		
CCV Standard	WP115502		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115088		
Chk Standard	WP115290,WP114133,WP113929,WP114132		

19	Q3541-01	N48969	SAM	11/06/25 13:08		rubina	OK
20	Q3554-05	INFLUENT	SAM	11/06/25 13:08	NH3 is high, need dilution	rubina	Dilution
21	Q3551-04	MANHOLE	SAM	11/06/25 13:08	NH3 is high, need dilution	rubina	Dilution
22	CCV2	CCV2	CCV	11/06/25 13:08		rubina	OK
23	CCB2	CCB2	CCB	11/06/25 13:08		rubina	OK
24	Q3551-04DL	MANHOLEDL	SAM	11/06/25 13:53	5X For NH3	rubina	Confirms
25	Q3554-05DL	INFLUENTDL	SAM	11/06/25 13:53	5X For NH3	rubina	Confirms
26	CCV3	CCV3	CCV	11/06/25 13:53		rubina	OK
27	CCB3	CCB3	CCB	11/06/25 13:53		rubina	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		

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 # 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 SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB137814

Review By	jignesh	Review On	11/7/2025 11:34:19 AM
Supervise By	Iwona	Supervise On	11/18/2025 2:06:24 PM
SubDirectory	LB137814	Test	Oil and Grease
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	W3240,M6069,EP2655,WP115016,N/A,N/A,WP115017,N/A,WP115018		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137814BL	LB137814BL	MB	11/07/25 10:30		jignesh	OK
2	LB137814BS	LB137814BS	LCS	11/07/25 10:30		jignesh	OK
3	Q3442-01	SW-1	SAM	11/07/25 10:30		jignesh	OK
4	Q3498-01	GREASE	SAM	11/07/25 10:30		jignesh	OK
5	Q3507-01	SW-1	SAM	11/07/25 10:30		jignesh	OK
6	Q3508-01	SW-1	SAM	11/07/25 10:30		jignesh	OK
7	Q3510-01	OUTFALL-002	SAM	11/07/25 10:30		jignesh	OK
8	Q3511-01	OUTFALL-001	SAM	11/07/25 10:30		jignesh	OK
9	Q3511-02	OUTFALL-002	SAM	11/07/25 10:30		jignesh	OK
10	Q3530-07	LOD-MDL-WATER-01	SAM	11/07/25 10:30		jignesh	OK
11	Q3530-08	LOQ-WATER-02-QT4	SAM	11/07/25 10:30		jignesh	OK
12	Q3534-01	MW-6	SAM	11/07/25 10:30		jignesh	OK
13	Q3534-02	MW-1	SAM	11/07/25 10:30		jignesh	OK
14	Q3534-03	MW-11	SAM	11/07/25 10:30		jignesh	OK
15	Q3534-04	MW-5	SAM	11/07/25 10:30		jignesh	OK
16	Q3534-05	MW-EB-1	SAM	11/07/25 10:30		jignesh	OK
17	Q3534-06	MW-EB-2	SAM	11/07/25 10:30		jignesh	OK
18	Q3534-07	MW-EB-3	SAM	11/07/25 10:30		jignesh	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB137814

Review By	jignesh	Review On	11/7/2025 11:34:19 AM
Supervise By	Iwona	Supervise On	11/18/2025 2:06:24 PM
SubDirectory	LB137814	Test	Oil and Grease
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	W3240,M6069,EP2655,WP115016,N/A,N/A,WP115017,N/A,WP115018		

19	Q3534-09	FB-1	SAM	11/07/25 10:30		jignesh	OK
20	Q3534-10	EB-1	SAM	11/07/25 10:30		jignesh	OK
21	Q3551-01	MANHOLE	SAM	11/07/25 10:30		jignesh	OK
22	Q3551-02	Q3551-01MS	MS	11/07/25 10:30		jignesh	OK
23	Q3551-03	Q3551-01MSD	MSD	11/07/25 10:30		jignesh	OK
24	Q3552-01	MW-4	SAM	11/07/25 10:30		jignesh	OK
25	Q3552-02	MW-8	SAM	11/07/25 10:30		jignesh	OK
26	Q3552-03	MW-9	SAM	11/07/25 10:30		jignesh	OK
27	Q3552-04	MW-10	SAM	11/07/25 10:30		jignesh	OK
28	Q3552-05	MW-3	SAM	11/07/25 10:30		jignesh	OK
29	Q3554-01	EFFLUENT	SAM	11/07/25 10:30		jignesh	OK
30	Q3554-02	Q3554-01MS	MS	11/07/25 10:30		jignesh	OK
31	Q3554-03	Q3554-01MSD	MSD	11/07/25 10:30		jignesh	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137822

Review By	rubina	Review On	11/10/2025 11:24:46 AM
Supervise By	Iwona	Supervise On	11/10/2025 11:56:46 AM
SubDirectory	LB137822	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115526,WP115527,WP115528,WP115529,WP115530,WP115531,WP115532		
ICV Standard	W3012		
CCV Standard	WP115527		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115534,WP115533		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/07/25 13:08		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/07/25 13:08		rubina	OK
3	10PPBCN	10PPBCN	CAL3	11/07/25 13:08		rubina	OK
4	50PPBCN	50PPBCN	CAL4	11/07/25 13:08		rubina	OK
5	100PPBCN	100PPBCN	CAL5	11/07/25 13:08		rubina	OK
6	250PPBCN	250PPBCN	CAL6	11/07/25 13:08		rubina	OK
7	500PPBCN	500PPBCN	CAL7	11/07/25 13:08		rubina	OK
8	ICV1	ICV1	ICV	11/07/25 13:44		rubina	OK
9	ICB1	ICB1	ICB	11/07/25 13:44		rubina	OK
10	CCV1	CCV1	CCV	11/07/25 13:44		rubina	OK
11	CCB1	CCB1	CCB	11/07/25 13:44		rubina	OK
12	RL	RL	SAM	11/07/25 13:44		rubina	OK
13	PB170439BL	PB170439BL	MB	11/07/25 13:49		rubina	OK
14	PB170439BS	PB170439BS	LCS	11/07/25 13:49		rubina	OK
15	Q3530-12	MDL-WATER-06-QT4	SAM	11/07/25 13:55		rubina	OK
16	Q3530-12RE	MDL-WATER-06-QT4	SAM	11/07/25 13:55		rubina	OK
17	Q3551-01	MANHOLE	SAM	11/07/25 14:00		rubina	OK
18	Q3551-01DUP	MANHOLEDUP	DUP	11/07/25 14:00		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137822

Review By	rubina	Review On	11/10/2025 11:24:46 AM
Supervise By	Iwona	Supervise On	11/10/2025 11:56:46 AM
SubDirectory	LB137822	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115526,WP115527,WP115528,WP115529,WP115530,WP115531,WP115532		
ICV Standard	W3012		
CCV Standard	WP115527		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115534,WP115533		

19	Q3551-01MS	MANHOLEMS	MS	11/07/25 14:05		rubina	OK
20	Q3551-01MSD	MANHOLEMSD	MSD	11/07/25 14:05		rubina	OK
21	MIDPB170439	MIDPB170439	SAM	11/07/25 14:11		rubina	OK
22	CCV2	CCV2	CCV	11/07/25 14:11		rubina	OK
23	CCB2	CCB2	CCB	11/07/25 14:12		rubina	OK

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB137856

Review By	rubina	Review On	11/11/2025 5:12:42 PM
Supervise By	Iwona	Supervise On	11/11/2025 5:12:48 PM
SubDirectory	LB137856	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	LB137856BL	LB137856BL	MB	11/06/25 13:00		rubina	OK
2	LB137856BS	LB137856BS	LCS	11/06/25 13:00		rubina	OK
3	Q3551-04	MANHOLE	SAM	11/06/25 13:00		rubina	OK
4	Q3551-04DUP	MANHOLEDUP	DUP	11/06/25 13:00		rubina	OK
5	Q3552-01	MW-4	SAM	11/06/25 13:00		rubina	OK
6	Q3552-02	MW-8	SAM	11/06/25 13:00		rubina	OK
7	Q3552-03	MW-9	SAM	11/06/25 13:00		rubina	OK
8	Q3552-04	MW-10	SAM	11/06/25 13:00		rubina	OK
9	Q3552-05	MW-3	SAM	11/06/25 13:00		rubina	OK



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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137895

Review By	rubina	Review On	11/17/2025 5:02:21 PM
Supervise By	Iwona	Supervise On	11/17/2025 5:02:27 PM
SubDirectory	LB137895	Test	

STD. NAME	STD REF.#
ICAL Standard	WP115660,WP115661,WP115662,WP115663,WP115664,WP115665,WP115666
ICV Standard	W3012
CCV Standard	WP115661
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115668

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q3551-01			11/14/25 10:49		rubina	

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB137904

Review By	Iwona	Review On	11/14/2025 2:58:02 PM
Supervise By	JIGNESH	Supervise On	11/14/2025 3:20:04 PM
SubDirectory	LB137904	Test	COD
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	WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,WP115676,WP115677,WP115678,V		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	09/08/25 13:30		Iwona	OK
2	CAL2	CAL2	CAL	09/08/25 13:30		Iwona	OK
3	CAL3	CAL3	CAL	09/08/25 13:31		Iwona	OK
4	CAL4	CAL4	CAL	09/08/25 13:31		Iwona	OK
5	CAL5	CAL5	CAL	09/08/25 13:32		Iwona	OK
6	CAL6	CAL6	CAL	09/08/25 13:32		Iwona	OK
7	ICV	ICV	ICV	09/08/25 13:33		Iwona	OK
8	ICB	ICB	ICB	09/08/25 13:33		Iwona	OK
9	CCV1	CCV1	CCV	11/14/25 14:00		Iwona	OK
10	CCB1	CCB1	CCB	11/14/25 14:00		Iwona	OK
11	RL Check	RL Check	RL	11/14/25 14:01		Iwona	OK
12	LB137904BL	LB137904BL	MB	11/14/25 14:01		Iwona	OK
13	LB137904BS	LB137904BS	LCS	11/14/25 14:02		Iwona	OK
14	Q3551-04	MANHOLE	SAM	11/14/25 14:02		Iwona	OK
15	Q3552-01	MW-4	SAM	11/14/25 14:03		Iwona	OK
16	Q3552-02	MW-8	SAM	11/14/25 14:03		Iwona	OK
17	Q3552-03	MW-9	SAM	11/14/25 14:04		Iwona	OK
18	Q3552-04	MW-10	SAM	11/14/25 14:04		Iwona	OK

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB137904

Review By	Iwona	Review On	11/14/2025 2:58:02 PM
Supervise By	JIGNESH	Supervise On	11/14/2025 3:20:04 PM
SubDirectory	LB137904	Test	COD
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	WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,WP115676,WP115677,WP115678,V		

19	Q3552-05	MW-3	SAM	11/14/25 14:05		Iwona	OK
20	Q3569-01	MW-2	SAM	11/14/25 14:05		Iwona	OK
21	Q3569-02	MW-12	SAM	11/14/25 14:06		Iwona	OK
22	CCV2	CCV2	CCV	11/14/25 14:06		Iwona	OK
23	CCB2	CCB2	CCB	11/14/25 14:07		Iwona	OK
24	Q3578-01	MH-1172025	SAM	11/14/25 14:07		Iwona	OK
25	Q3584-01	SW-1	SAM	11/14/25 14:08		Iwona	OK
26	Q3584-02	SW-2	SAM	11/14/25 14:08		Iwona	OK
27	Q3584-03	SW-3	SAM	11/14/25 14:09		Iwona	OK
28	Q3584-07	SEEP-1	SAM	11/14/25 14:09		Iwona	OK
29	Q3630-01	DSN002	SAM	11/14/25 14:10		Iwona	OK
30	Q3630-03	DSN001	SAM	11/14/25 14:10		Iwona	OK
31	Q3630-04	DSN001	SAM	11/14/25 14:11		Iwona	OK
32	Q3630-05	DSN003	SAM	11/14/25 14:11		Iwona	OK
33	Q3630-05DUP	DSN003DUP	DUP	11/14/25 14:12		Iwona	OK
34	CCV3	CCV3	CCV	11/14/25 14:12		Iwona	OK
35	CCB3	CCB3	CCB	11/14/25 14:13		Iwona	OK
36	Q3630-05MS	DSN003MS	MS	11/14/25 14:13	0.5ml WP115676 + 9.5ml Sample	Iwona	OK
37	Q3630-05MSD	DSN003MSD	MSD	11/14/25 14:13	0.5ml WP115676 + 9.5ml Sample	Iwona	OK

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB137904

Review By	Iwona	Review On	11/14/2025 2:58:02 PM
Supervise By	JIGNESH	Supervise On	11/14/2025 3:20:04 PM
SubDirectory	LB137904	Test	COD
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	WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,WP115676,WP115677,WP115678,V		

38	CCV4	CCV4	CCV	11/14/25 14:14		Iwona	OK
39	CCB4	CCB4	CCB	11/14/25 14:14		Iwona	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137926

Review By	rubina	Review On	11/18/2025 1:14:46 PM
Supervise By	Iwona	Supervise On	11/18/2025 1:18:56 PM
SubDirectory	LB137926	Test	Phenolics
STD. NAME	STD REF.#		
ICAL Standard	WP115708		
ICV Standard	WP115710		
CCV Standard	WP115709		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115690		
Chk Standard	WP115158,WP115159,WP115711,WP115691		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.00PPM	0.00PPM	CAL1	11/17/25 15:46		rubina	OK
2	0.05PPM	0.05PPM	CAL2	11/17/25 15:46		rubina	OK
3	0.1PPM	0.1PPM	CAL3	11/17/25 15:46		rubina	OK
4	0.25PPM	0.25PPM	CAL4	11/17/25 15:46		rubina	OK
5	0.50PPM	0.50PPM	CAL5	11/17/25 15:46		rubina	OK
6	1.0PPM	1.0PPM	CAL6	11/17/25 15:46		rubina	OK
7	2.0PPM	2.0PPM	CAL7	11/17/25 15:46		rubina	OK
8	ICV1	ICV1	ICV	11/17/25 16:20		rubina	OK
9	ICB1	ICB1	ICB	11/17/25 16:20		rubina	OK
10	CCV1	CCV1	CCV	11/17/25 16:20		rubina	OK
11	CCB1	CCB1	CCB	11/17/25 16:20		rubina	OK
12	PB170566BL	PB170566BL	MB	11/17/25 16:20		rubina	OK
13	PB170566BS	PB170566BS	LCS	11/17/25 16:20		rubina	OK
14	Q3530-10	LOD-MDL-WATER-04	SAM	11/17/25 16:30		rubina	OK
15	Q3530-11	LOQ-WATER-05-QT4	LOQ	11/17/25 16:30		rubina	OK
16	Q3551-01	MANHOLE	SAM	11/17/25 16:30		rubina	OK
17	Q3630-02	DSN002	SAM	11/17/25 16:30		rubina	OK
18	Q3630-06	DSN003	SAM	11/17/25 16:30		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137926

Review By	rubina	Review On	11/18/2025 1:14:46 PM
Supervise By	Iwona	Supervise On	11/18/2025 1:18:56 PM
SubDirectory	LB137926	Test	Phenolics
STD. NAME	STD REF.#		
ICAL Standard	WP115708		
ICV Standard	WP115710		
CCV Standard	WP115709		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115690		
Chk Standard	WP115158,WP115159,WP115711,WP115691		

19	Q3630-06DUP	DSN003DUP	DUP	11/17/25 16:30		rubina	OK
20	Q3630-06MS	DSN003MS	MS	11/17/25 16:30		rubina	OK
21	Q3630-06MSD	DSN003MSD	MSD	11/17/25 16:30		rubina	OK
22	CCV2	CCV2	CCV	11/17/25 16:36		rubina	OK
23	CCB2	CCB2	CCB	11/17/25 16:36		rubina	OK

Instrument ID: PH METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB137930

Review By	rubina	Review On	11/18/2025 1:10:37 PM
Supervise By	Iwona	Supervise On	11/18/2025 1:10:43 PM
SubDirectory	LB137930	Test	Field 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,W3217,W3191,W3093,W3093,W3093		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL2	CAL2	CAL	11/04/25 15:50		gorge	OK
2	CAL1	CAL1	CAL	11/04/25 15:52		gorge	OK
3	CAL3	CAL3	CAL	11/04/25 15:54		gorge	OK
4	ICV	ICV	ICV	11/04/25 15:56		gorge	OK
5	CCV1	CCV1	CCV	11/04/25 16:00		gorge	OK
6	Q3551-01	MANHOLE	SAM	11/04/25 16:04		gorge	OK
7	Q3551-01DUP	MANHOLEDUP	DUP	11/04/25 16:08		gorge	OK
8	CCV2	CCV2	CCV	11/04/25 16:12		gorge	OK

Instrument ID: THERMOMETER

Daily Analysis Runlog For Sequence/QC Batch ID # LB137931

Review By	rubina	Review On	11/18/2025 1:11:12 PM
Supervise By	Iwona	Supervise On	11/18/2025 1:11:16 PM
SubDirectory	LB137931	Test	Field Temperature

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	Q3551-01	MANHOLE	SAM	11/04/25 16:04		gorge	OK
2	Q3551-01DUP	MANHOLEDUP	DUP	11/04/25 16:08		gorge	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Spectra East Inc
ADDRESS: 8 King Road
CITY: Rockleigh STATE: NJ ZIP: 07647
ATTENTION: Jacob Valeich
PHONE: 201-767-7070 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Outfall 1001-Orangetown Dis Permit 2025
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: oil & Grease
2: Phenolics
3: SVOCs Group 1
4: PCB
5: PCST + Cide Group
6: Ni + rate
7: BOD5
8: TSS
9: VOCs Group 1

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		C	C	E	E	E	E	E	E	A	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	Manhole	W	✓		11-5-25	1535	20	✓	✓	✓	✓	✓	✓	✓	✓	✓		
2.																		
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1.	DATE/TIME: <u>11-5-25</u>	RECEIVED BY: 1.	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3-20</u> °C Comments:
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: <u>11-5-25</u>	RECEIVED BY: 3.	

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Spectra East Inc
ADDRESS: 8 King Road
CITY: Rockleigh STATE: NJ ZIP: 07647
ATTENTION: Jacob Valeich
PHONE: 201-767-7070 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Outfall 001-Orangetown
PROJECT NO.: DIS permit 2023
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 Metals 2 Cyanide 3 Cyanide 4 COD 5 Ammonia 6 Low-level metals 7 8 9

ALLIANCE
SAMPLE
ID

PROJECT
SAMPLE IDENTIFICATION

SAMPLE
MATRIX

SAMPLE
TYPE
COMP GRAB

SAMPLE
COLLECTION
DATE TIME

OF BOTTLES

PRESERVATIVES

COMMENTS

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

1. Manhole

W ✓ 11-5-25 1535 20

B D D C C A

1 2 3 4 5 6 7 8 9

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

RELINQUISHED BY SAMPLER:

DATE/TIME: 11-5-25

RECEIVED BY:

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP

3.2 °C

1. RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

Comments:

2. RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

3. RELINQUISHED BY SAMPLER:

DATE/TIME: 11-5-25

RECEIVED BY:

Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

Liance Technical Group, LLC-Newark

284 Sheffield Street, Mountainside, NJ 07092 Tel. 908-789-8900 Fax 908-789-8922
FIELD SAMPLING LOG

Client Name: Spectra East inc
 Client Address: 8 King Road
 Client Rep on Site: Jacob Valeich
 Sampling Date: 11-4-25
 Arrival Time: 1545

Project Name: off-fall 001 - orangetown
Dis permit 2025
 Project Location: Rockleigh
 Cooler Custody Seal: N/A
 Temperature Correction Factor (°C): 0

Departure Time: 1620

FIELD EQUIPMENT CALIBRATION

pH Calibration (SM4500-H B/9040C)

Calibration (acceptance criteria ± 0.05 pH unit)				ICV (± 0.1 pH unit)
	7.00 Buffer	4.00 Buffer	10.00 Buffer	7.00 Buffer
	W 3217	W 3178	W 3191	W 3093
Time	1550	1552	1554	1556
Temp °C	21.2°	21.8°	21.7°	20.4°
pH	7.02	4.00	10.04	7.00

FIELD EQUIPMENT CALIBRATION

Specific Conductance (mS/cm) (99% -101%)/(mmho/cm) (SM2510 B/120.1/9050A)

Calibration ($\pm 1\%$) (99% -101%)		ICV ($\pm 1\%$) (99% -101%)
	WP	WP
Time		
Temp °C		
Reading (mS/cm)		

Sampler Signature/Date:

 11-4-25

Supervisor Review/Date:

FIELD SAMPLING LOG

Client Name: Spectra East inc
Client Address: 8 King Road
Client Rep on Site: Jacob Valeich
Sampling Date: 11-4-25
Arrival Time: 1545

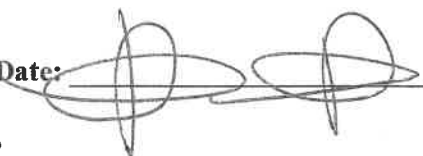
Project Name: outfall 001-Orangetown
Dis permit 2025
Project Location: Rockleigh
Cooler Custody Seal: N/A
Temperature Correction Factor (°C): 0

FIELD SAMPLING INFORMATION

Sampling Location	Date/Time of sampling	Field Measurements				Specific Conductance (mS/cm) (99% -101%)
		Date/Time of Analysis		pH	Temperature °C	
CCV CW3093)	11-4-25 1558	11-4-25	1600	7.02	21.5 °C	N/A
Manhole	1601	1	1604	7.85	16.0 °C	1
Dup	1606	1	1608	7.84	16.1 °C	1
CCV CW3093)	1610	1	1612	7.02	21.7 °C	1

Meter: YSI PRO Quatro, Serial # 25A103198

Sampler Signature/Date:

 11-4-25

Supervisor Review/Date:

QA Control# A3041253

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 : Q3551	SPEC01	Order Date : 11/5/2025 2:16:00 PM	Project Mgr :
Client Name : Spectra East Inc.		Project Name : Outfall 001 - Orangetown E	Report Type : Level 2
Client Contact : Jacob Valeich		Receive DateTime : 11/5/2025 12:00:00 AM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Spectra East Inc.		Purchase Order : 17254 PM	Hard Copy Date :
Invoice Contact : Jacob Valeich			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3551-01	MANHOLE	Water	11/05/2025	15:35 12:00 AM	VOCMS Group1		624.1		10 Bus. Days

Relinquished By :

Date / Time :

CL
11/6/25 10:26
10:26

Received By :

Date / Time :

Sam
11/06/25 10:26 12:45

Storage Area : VOA Refridgerator Room