

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:	Q3275	OrderDate:	10/2/2025 3:39:00 PM
Client:	G Environmental	Project:	Banker
Contact:	Gary Landis	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3275-01	MW3	WATER			10/02/25 12:50			10/02/25
			Anions Group1	300.0			10/03/25 10:37	
Q3275-01DL	MW3DL	WATER			10/02/25 12:50			10/02/25
			Anions Group1	300.0			10/03/25 13:51	
Q3275-02	MW4	WATER			10/02/25 13:35			10/02/25
			Anions Group1	300.0			10/03/25 10:59	
Q3275-02DL	MW4DL	WATER			10/02/25 13:35			10/02/25
			Anions Group1	300.0			10/03/25 14:13	
Q3275-03	MW5	WATER			10/02/25 13:12			10/02/25
			Anions Group1	300.0			10/03/25 11:21	
Q3275-03DL	MW5DL	WATER			10/02/25 13:12			10/02/25
			Anions Group1	300.0			10/03/25 14:36	
Q3275-03DL 2	MW5DL2	WATER			10/02/25 13:12			10/02/25
			Anions Group1	300.0			10/03/25 15:21	

LAB CHRONICLE

Q3275-04	MW1	WATER			10/02/25 13:47		10/02/25
			Anions Group1	300.0		10/03/25 11:42	
Q3275-04DL	MW1DL	WATER			10/02/25 13:47		10/02/25
			Anions Group1	300.0		10/03/25 15:00	



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 12:50
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW3	SDG No.:	Q3275
Lab Sample ID:	Q3275-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	474	OR	1	0.19	0.60	mg/L		10/03/25 10:37	300.0

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 12:50
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW3DL	SDG No.:	Q3275
Lab Sample ID:	Q3275-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	316	D	100	19.0	60.0	mg/L		10/03/25 13:51	300.0

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 13:35
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW4	SDG No.:	Q3275
Lab Sample ID:	Q3275-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	326	OR	1	0.19	0.60	mg/L		10/03/25 10:59	300.0

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 13:35
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW4DL	SDG No.:	Q3275
Lab Sample ID:	Q3275-02DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	227	D	100	19.0	60.0	mg/L		10/03/25 14:13	300.0

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 13:12
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW5	SDG No.:	Q3275
Lab Sample ID:	Q3275-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	26500	OR	1	0.19	0.60	mg/L		10/03/25 11:21	300.0

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 13:12
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW5DL	SDG No.:	Q3275
Lab Sample ID:	Q3275-03DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	19600	OR	500	95.0	300	mg/L		10/03/25 14:36	300.0

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 13:12
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW5DL2	SDG No.:	Q3275
Lab Sample ID:	Q3275-03DL2	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	17200	D	5000	950	3000	mg/L		10/03/25 15:21	300.0

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 13:47
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW1	SDG No.:	Q3275
Lab Sample ID:	Q3275-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	1240	OR	1	0.19	0.60	mg/L		10/03/25 11:42	300.0

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 13:47
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW1DL	SDG No.:	Q3275
Lab Sample ID:	Q3275-04DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	774	D	200	38.0	120	mg/L		10/03/25 15:00	300.0

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = 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: G Environmental

SDG No.: Q3275

Project: Banker

RunNo.: LB137410

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10	10	100	90-110	09/09/2025
Chloride	mg/L	3	3	100	90-110	09/09/2025
Fluoride	mg/L	2	2	100	90-110	09/09/2025
Nitrite	mg/L	3	3	100	90-110	09/09/2025
Nitrate	mg/L	2.5	2.5	100	90-110	09/09/2025
Sulfate	mg/L	14.8	15	99	90-110	09/09/2025
Orthophosphate as P	mg/L	5	5	100	90-110	09/09/2025
Sample ID: CCV1						
Bromide	mg/L	9.9	10	99	90-110	10/03/2025
Chloride	mg/L	2.9	3	97	90-110	10/03/2025
Fluoride	mg/L	2	2	100	90-110	10/03/2025
Nitrite	mg/L	3	3	100	90-110	10/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	10/03/2025
Sulfate	mg/L	14.8	15	99	90-110	10/03/2025
Orthophosphate as P	mg/L	4.5	5	90	90-110	10/03/2025
Sample ID: CCV2						
Bromide	mg/L	10	10	100	90-110	10/03/2025
Chloride	mg/L	3	3	100	90-110	10/03/2025
Fluoride	mg/L	2	2	100	90-110	10/03/2025
Nitrite	mg/L	3	3	100	90-110	10/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	10/03/2025
Sulfate	mg/L	14.9	15	99	90-110	10/03/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	10/03/2025
Sample ID: CCV3						
Bromide	mg/L	9.9	10	99	90-110	10/03/2025
Chloride	mg/L	2.9	3	97	90-110	10/03/2025
Fluoride	mg/L	2	2	100	90-110	10/03/2025
Nitrite	mg/L	3	3	100	90-110	10/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	10/03/2025
Sulfate	mg/L	14.8	15	99	90-110	10/03/2025
Orthophosphate as P	mg/L	4.8	5	96	90-110	10/03/2025

Initial and Continuing Calibration Blank Summary

Client: G Environmental

SDG No.: Q3275

Project: Banker

RunNo.: LB137410

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/09/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/09/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/09/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/09/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/09/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/09/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/09/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/03/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/03/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/03/2025

Preparation Blank Summary

Client: G Environmental

SDG No.: Q3275

Project: Banker

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137410BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/03/2025

Matrix Spike Summary

Client:	G Environmental	SDG No.:	Q3275
Project:	Banker	Sample ID:	Q3275-04
Client ID:	MW1MS	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		10/03/2025
Chloride	mg/L	80-120	1180	OR	1240	OR	3	1	-2000	*	10/03/2025
Fluoride	mg/L	80-120	2.30		0.22	J	2	1	104		10/03/2025
Nitrite	mg/L	80-120	3.00		0.074	U	3	1	100		10/03/2025
Nitrate	mg/L	80-120	2.50		0.095	U	2.5	1	100		10/03/2025
Sulfate	mg/L	80-120	37.7	OR	23.2		15	1	97		10/03/2025
Orthophosphate as P	mg/L	80-120	4.80		0.34	U	5	1	96		10/03/2025

Matrix Spike Summary

Client:	G Environmental	SDG No.:	Q3275
Project:	Banker	Sample ID:	Q3275-04
Client ID:	MW1MSD	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	9.80	OR	0.37	U	10	1	98		10/03/2025
Chloride	mg/L	80-120	1180		1240	OR	3	1	-2000	*	10/03/2025
Fluoride	mg/L	80-120	2.10		0.22	J	2	1	94		10/03/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		10/03/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		10/03/2025
Sulfate	mg/L	80-120	37.1		23.2		15	1	93		10/03/2025
Orthophosphate as P	mg/L	80-120	4.40		0.34	U	5	1	88		10/03/2025

Duplicate Sample Summary

Client: G Environmental	SDG No.: Q3275
Project: Banker	Sample ID: Q3275-04
Client ID: MW1MSD	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	1180	OR	1180	OR	1	0		10/03/2025
Sulfate	mg/L	+/-20	37.7	OR	37.1		1	2		10/03/2025
Nitrite	mg/L	+/-20	3.00		2.90		1	3		10/03/2025
Nitrate	mg/L	+/-20	2.50		2.40		1	4		10/03/2025
Bromide	mg/L	+/-20	10.3		9.80		1	5		10/03/2025
Fluoride	mg/L	+/-20	2.30		2.10		1	9		10/03/2025
Orthophosphate as P	mg/L	+/-20	4.80		4.40		1	9		10/03/2025

Laboratory Control Sample Summary

Client: G Environmental

SDG No.: Q3275

Project: Banker

Run No.: LB137410

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137410BSW							
Bromide	mg/L	10	9.90		99	1	90-110	10/03/2025
Chloride	mg/L	3	2.90		97	1	90-110	10/03/2025
Fluoride	mg/L	2	2.00		100	1	90-110	10/03/2025
Nitrite	mg/L	3	3.00		100	1	90-110	10/03/2025
Nitrate	mg/L	2.5	2.40		96	1	90-110	10/03/2025
Sulfate	mg/L	15	14.8		99	1	90-110	10/03/2025
Orthophosphate as P	mg/L	5	4.60		92	1	90-110	10/03/2025



RAW DATA

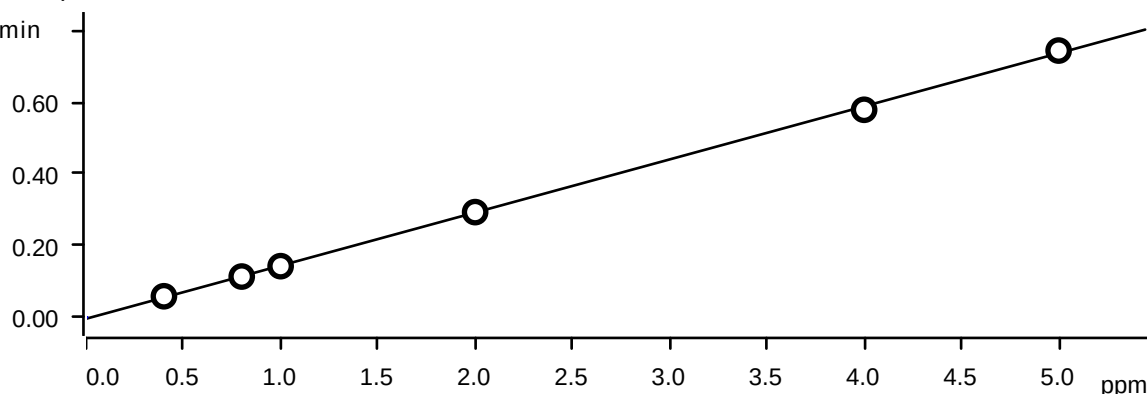
Ident	Instrument IIC-1			Analyst: RM		Method: 300.0 / 9056A		Initial v Analyst		
	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4			
STD1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/9/2025 10:21	10 RM/IZ
STD2	0.423	0.641	0.632	2.091	0.529	1.063	3.237	IC1-090925	9/9/2025 10:42	10 RM/IZ
STD3	0.794	1.189	1.197	3.984	0.997	2.006	6.010	IC1-090925	9/9/2025 11:25	10 RM/IZ
STD4	0.990	1.475	1.473	4.920	1.228	2.461	7.371	IC1-090925	9/9/2025 11:47	10 RM/IZ
STD5	2.008	3.012	3.027	10.105	2.514	4.978	15.047	IC1-090925	9/9/2025 13:36	10 RM/IZ
STD6	3.935	5.921	5.894	19.658	4.924	9.905	29.203	IC1-090925	9/9/2025 13:58	10 RM/IZ
STD7	5.050	7.561	7.577	25.243	6.308	12.587	37.633	IC1-090925	9/9/2025 14:41	10 RM/IZ
ICV	2.001	2.995	2.988	9.985	2.483	5.041	14.797	IC1-090925	9/9/2025 15:02	10 RM/IZ
ICB	0.000	0.063	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/9/2025 15:45	10 RM/IZ
CCV	1.965	2.936	2.971	9.945	2.412	4.507	14.756	IC1-090925	10/3/2025 9:11	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	10/3/2025 9:33	10 RM/IZ
LB137410BLW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	10/3/2025 9:54	10 RM/IZ
LB137410BSW	1.998	2.936	2.970	9.945	2.414	4.636	14.828	IC1-090925	10/3/2025 10:16	10 RM/IZ
Q3275-01	0.194	474.017	0.000	0.226	0.000	0.000	93.341	IC1-090925	10/3/2025 10:37	10 RM/IZ
Q3275-02	0.159	326.091	0.000	0.000	0.113	0.000	2.140	IC1-090925	10/3/2025 10:59	10 RM/IZ
Q3275-03	0.423	26522.583	0.000	2.708	0.193	0.000	115.966	IC1-090925	10/3/2025 11:21	10 RM/IZ
Q3275-04	0.216	1242.615	0.000	0.224	0.072	0.000	23.163	IC1-090925	10/3/2025 11:42	10 RM/IZ
Q3275-04MS	2.257	1180.663	3.023	10.278	2.495	4.845	37.749	IC1-090925	10/3/2025 12:04	10 RM/IZ
Q3275-04MSD	2.135	1184.103	2.893	9.823	2.387	4.432	37.072	IC1-090925	10/3/2025 12:25	10 RM/IZ
Q3278-01	0.505	1310.382	0.000	0.287	0.000	0.000	0.881	IC1-090925	10/3/2025 12:47	10 RM/IZ
CCV	2.002	2.950	2.974	9.975	2.416	5.096	14.872	IC1-090925	10/3/2025 13:08	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	10/3/2025 13:30	10 RM/IZ
Q3275-01DLX100	0.000	3.161	0.000	0.000	0.000	0.000	1.213	IC1-090925	10/3/2025 13:51	10 RM/IZ
Q3275-02DLX100	0.000	2.267	0.000	0.000	0.000	0.000	0.000	IC1-090925	10/3/2025 14:13	10 RM/IZ
Q3275-03DLX500	0.273	39.265	0.000	0.000	0.000	0.000	0.597	IC1-090925	10/3/2025 14:36	10 RM/IZ
Q3275-04DLX200	0.000	3.869	0.000	0.000	0.000	0.000	0.503	IC1-090925	10/3/2025 15:00	10 RM/IZ
Q3275-03DL2X5000	0.000	3.440	0.000	0.000	0.000	0.000	0.000	IC1-090925	10/3/2025 15:21	10 RM/IZ
CCV	1.976	2.937	2.968	9.947	2.419	4.822	14.779	IC1-090925	10/3/2025 15:43	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	10/3/2025 16:04	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	concentratio n HPO4	concentrati on SO4	file name	Initial wt/ Final
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-090925	10 RM/IZ
STD2	0.4230	0.6410	0.6320	2.0910	0.5290	1.0630	3.2370	IC1-090925	10 RM/IZ
STD3	0.7940	1.1890	1.1970	3.9840	0.9970	2.0060	6.0100	IC1-090925	10 RM/IZ
STD4	0.9900	1.4750	1.4730	4.9200	1.2280	2.4610	7.3710	IC1-090925	10 RM/IZ
STD5	2.0080	3.0120	3.0270	10.1050	2.5140	4.9780	15.0470	IC1-090925	10 RM/IZ
STD6	3.9350	5.9210	5.8940	19.6580	4.9240	9.9050	29.2030	IC1-090925	10 RM/IZ
STD7	5.0500	7.5610	7.5770	25.2430	6.3080	12.5870	37.6330	IC1-090925	10 RM/IZ
date time	9/9/2025 10:21	9/9/2025 10:42	9/9/2025 11:25	9/9/2025 11:47	9/9/2025 13:36	9/9/2025 13:58	9/9/2025 14:41		
Analyst									
ident	True Value F-	True Value CL-	True Value NO2	True Value BR-	True Value NO3	True Value HPO4	True Value SO4		
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
STD2	0.4000	0.6000	0.6000	2.0000	0.5000	1.0000	3.0000		
STD3	0.8000	1.2000	1.2000	4.0000	1.0000	2.0000	6.0000		
STD4	1.0000	1.5000	1.5000	5.0000	1.2500	2.5000	7.5000		
STD5	2.0000	3.0000	3.0000	10.0000	2.5000	5.0000	15.0000		
STD6	4.0000	6.0000	6.0000	20.0000	5.0000	10.0000	30.0000		
STD7	5.0000	7.5000	7.5000	25.0000	6.2500	12.5000	37.0000		
ident	Relative Error F-	Relative Error CL-	Relative Error NO2	Relative Error BR-	Relative Error NO3	Relative Error HPO4	Relative Error SO4		
STD1									
STD2	5.7500	6.8333	5.3333	4.5500	5.8000	6.3000	7.9000		
STD3	-0.7500	-0.9167	-0.2500	-0.4000	-0.3000	0.3000	0.1667		
STD4	-1.0000	-1.6667	-1.8000	-1.6000	-1.7600	-1.5600	-1.7200		
STD5	0.4000	0.4000	0.9000	1.0500	0.5600	-0.4400	0.3133		
STD6	-1.6250	-1.3167	-1.7667	-1.7100	-1.5200	-0.9500	-2.6567		
STD7	1.0000	0.8133	1.0267	0.9720	0.9280	0.6960	1.7108		

Fluoride (Anions)

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



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

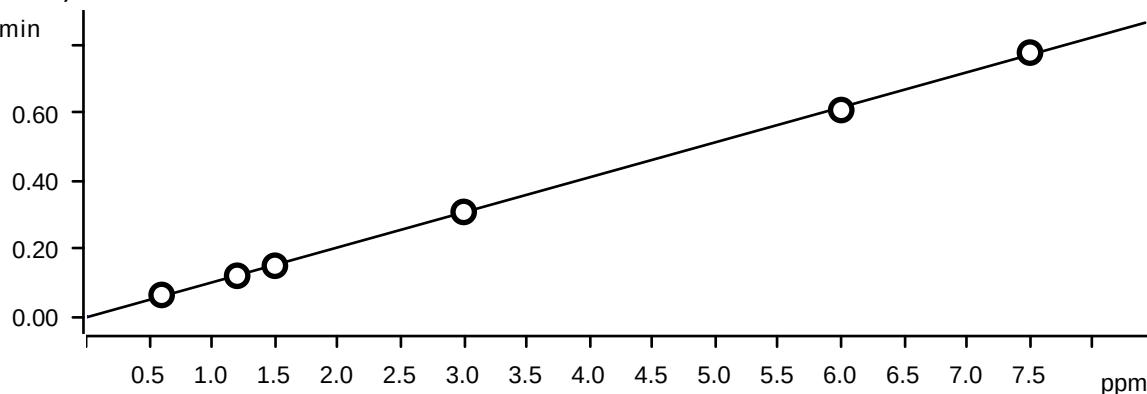
Relative standard deviation 1.985504 %

Correlation coefficient 0.999790

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

Chloride (Anions)

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



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

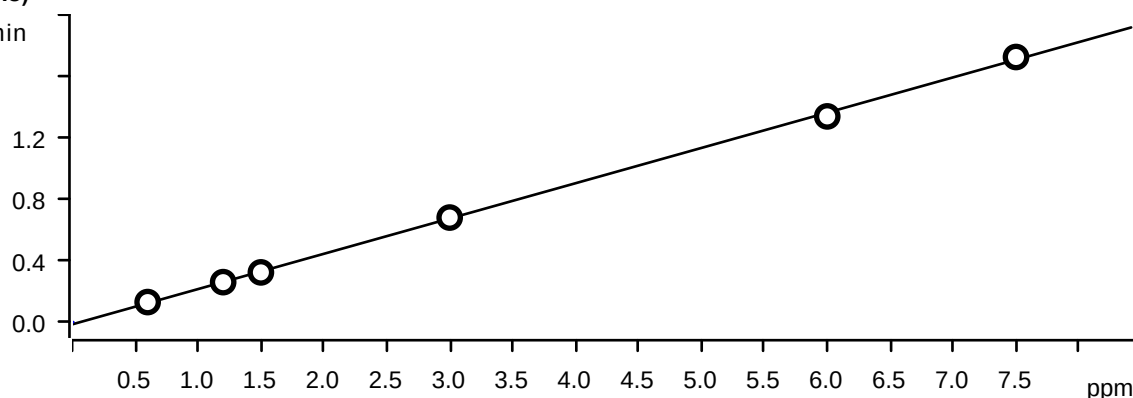
Relative standard deviation 1.712968 %

Correlation coefficient 0.999843

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

Nitrite (Anions)

(μS/cm) x min

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

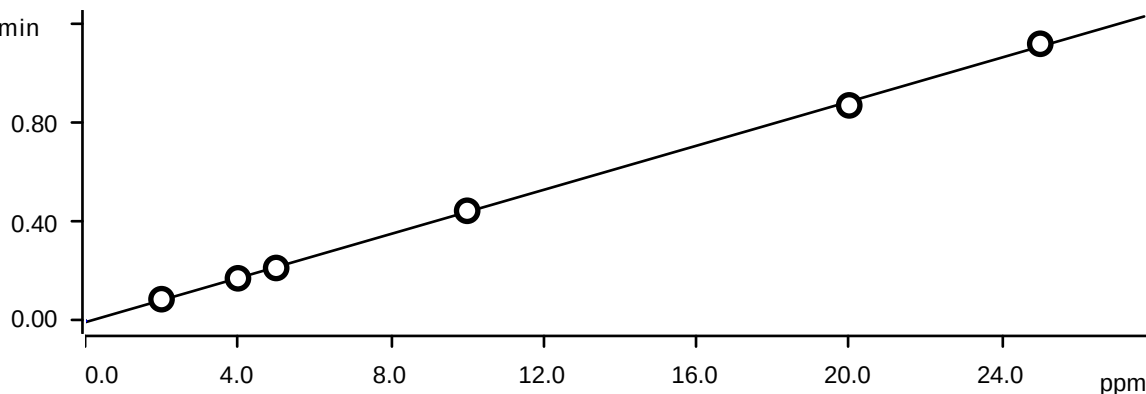
Relative standard deviation 2.170764 %

Correlation coefficient 0.999753

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

Bromide (Anions)

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



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

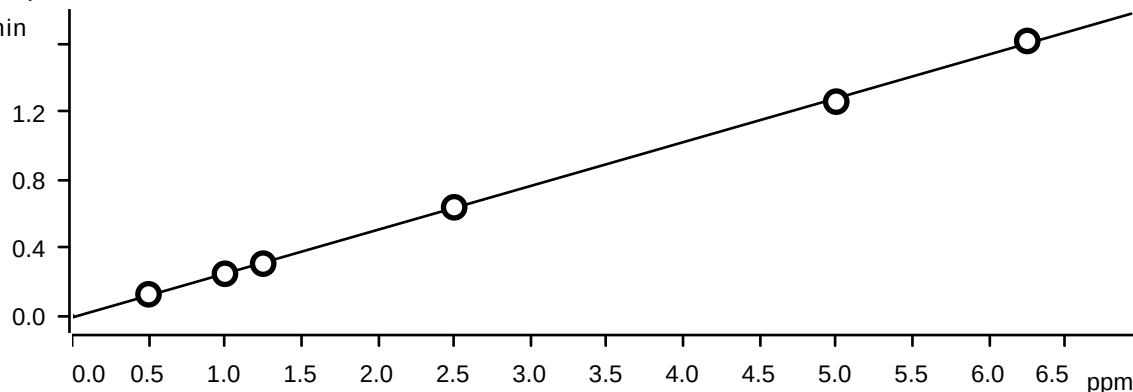
Relative standard deviation: 2.066849 %

Correlation coefficient: 0.999773

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

Nitrate (Anions)

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

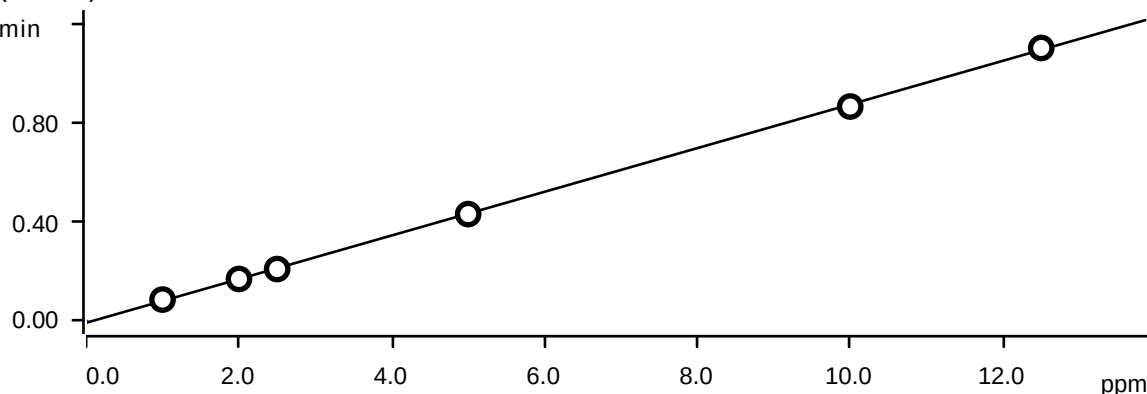


Function: $A = -0.0122982 + 0.0258010 \times Q$

Relative standard deviation: 1.914251 %

Correlation coefficient 0.999807

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

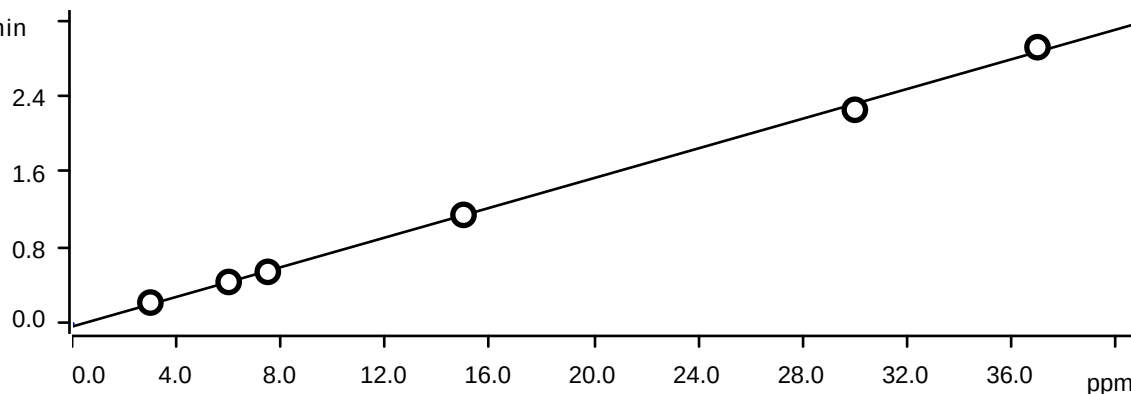
Phosphate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -6.72192E-3 + 8.79335E-3 \times Q$

Relative standard deviation 1.384046 %

Correlation coefficient 0.999898

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

Sulfate (Anions)

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

Relative standard deviation 3.285067 %

Correlation coefficient 0.999433

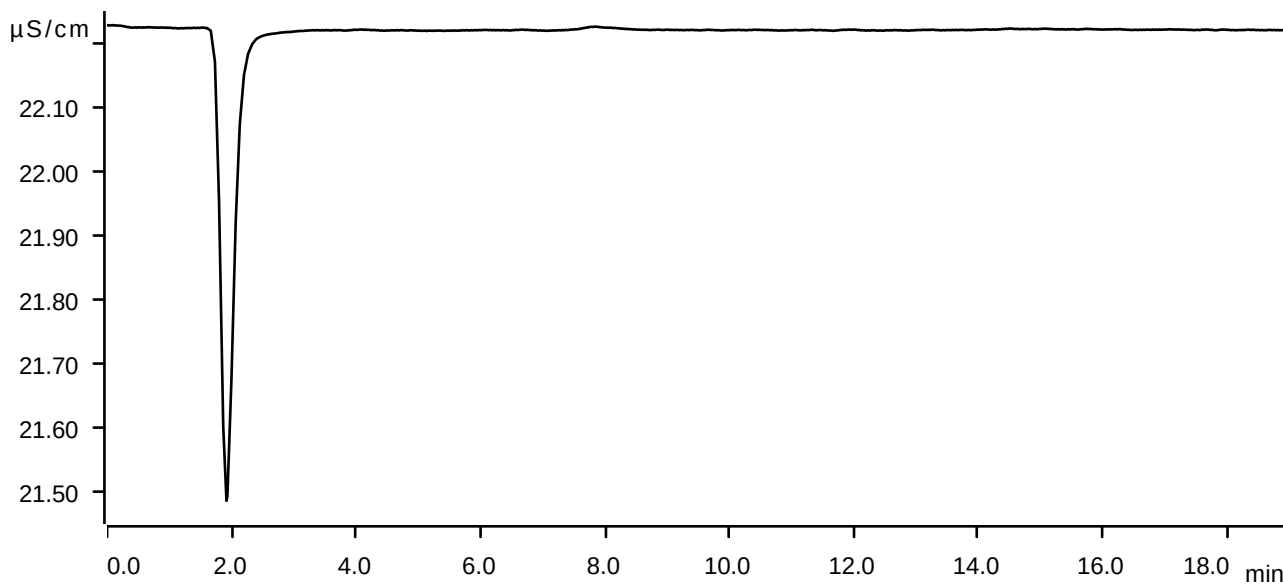
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.224	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.440	STD3	2025-09-09 11:25:44 UTC-4	used
Standard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

Sample data

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

Anions

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

Anions

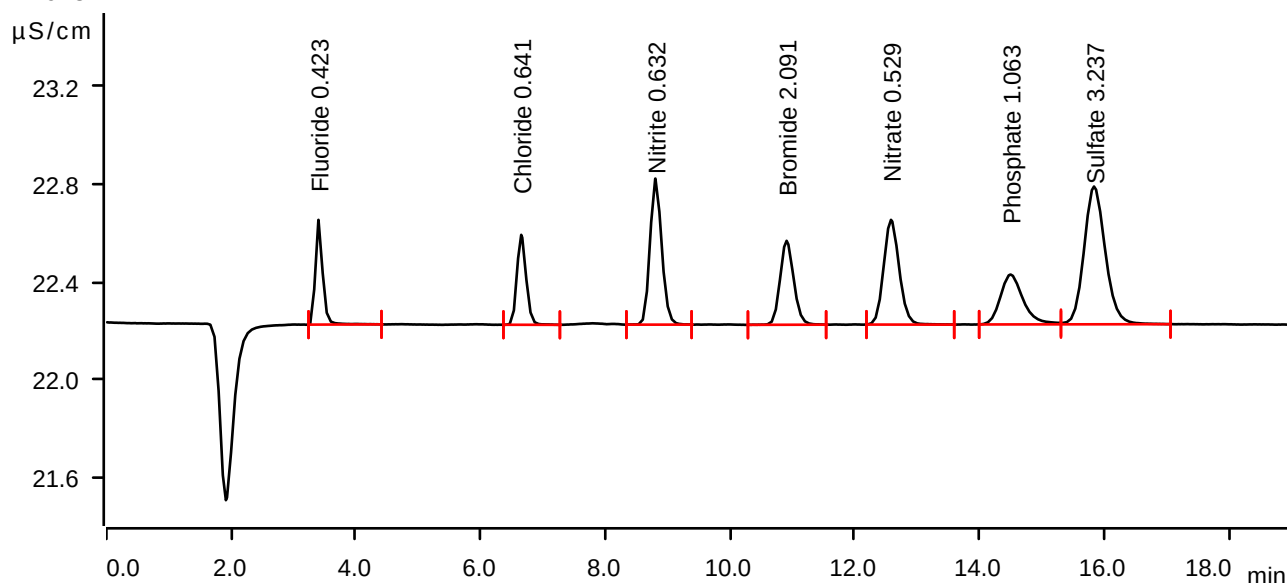
Sample data

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

Anions

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

Anions



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

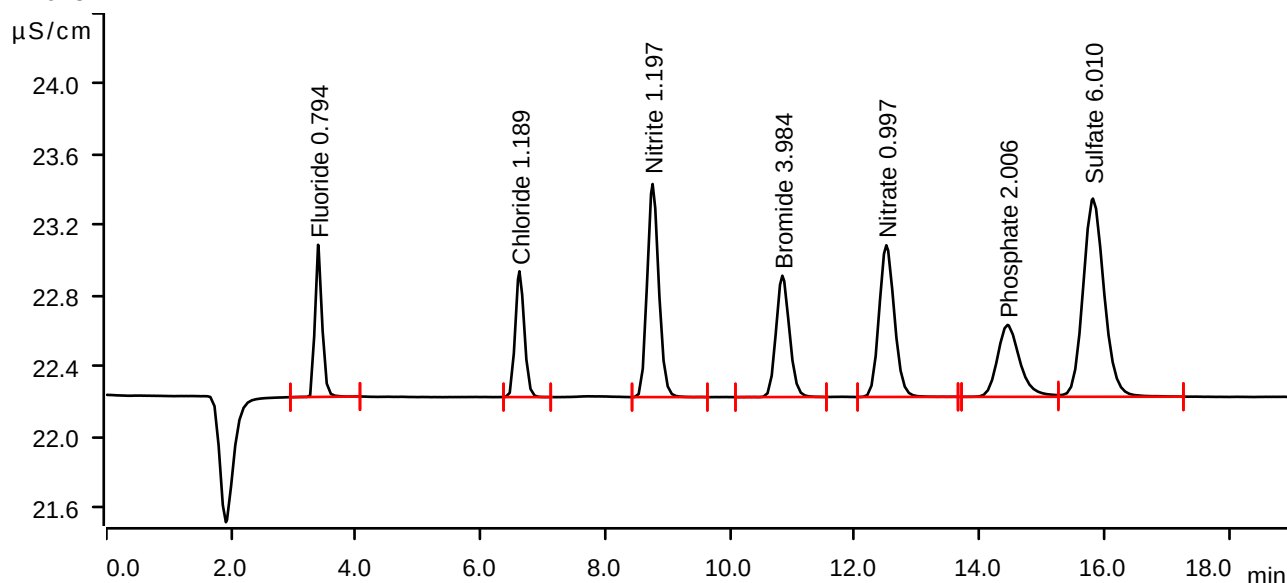
Sample data

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

Anions

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

Anions



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

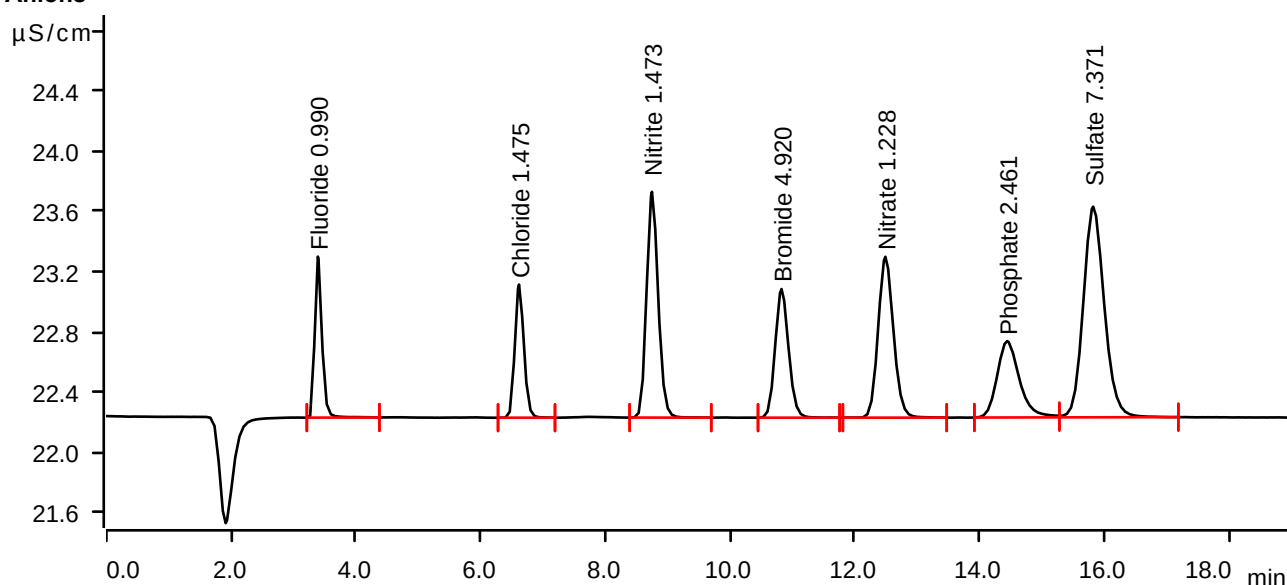
Sample data

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

Anions

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

Anions



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

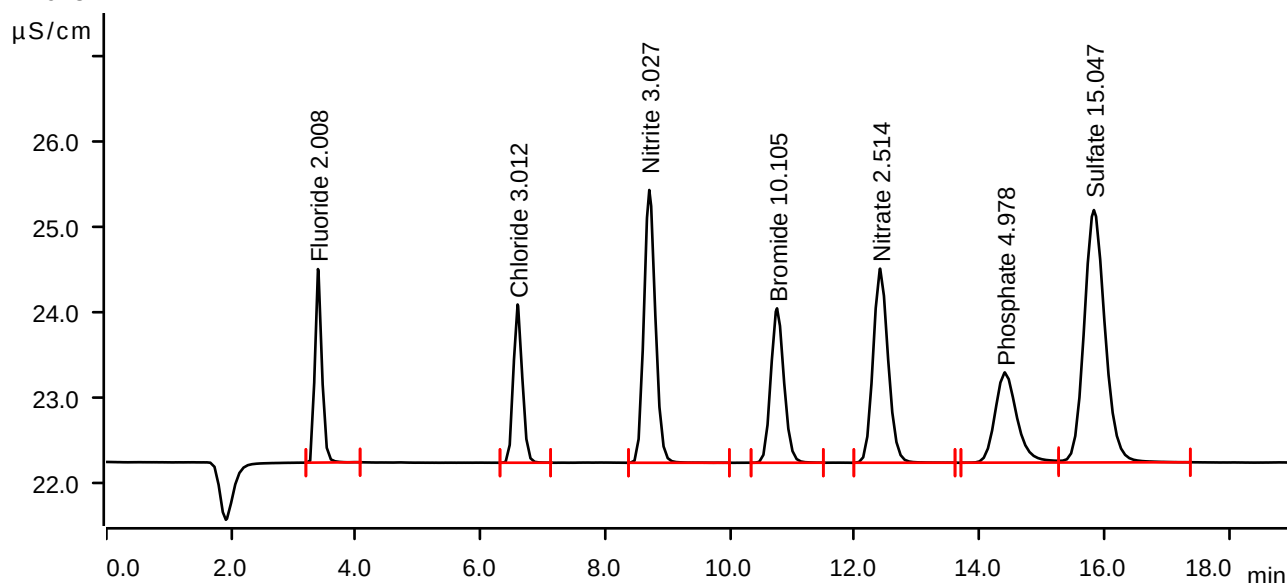
Sample data

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

Anions

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

Anions



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

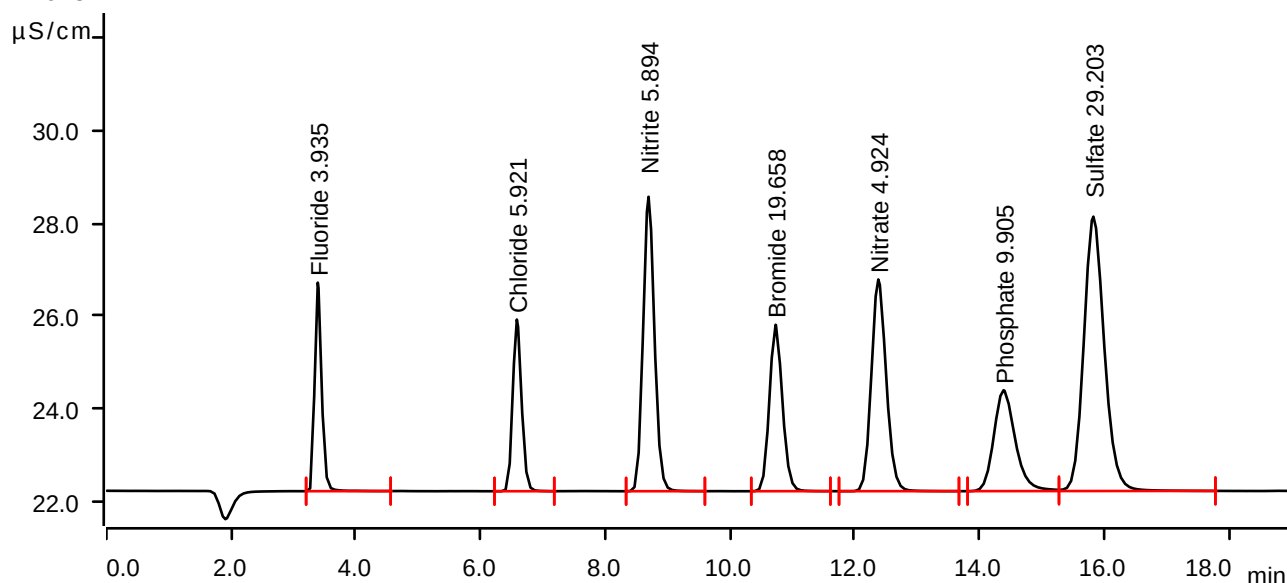
Sample data

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

Anions

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

Anions



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

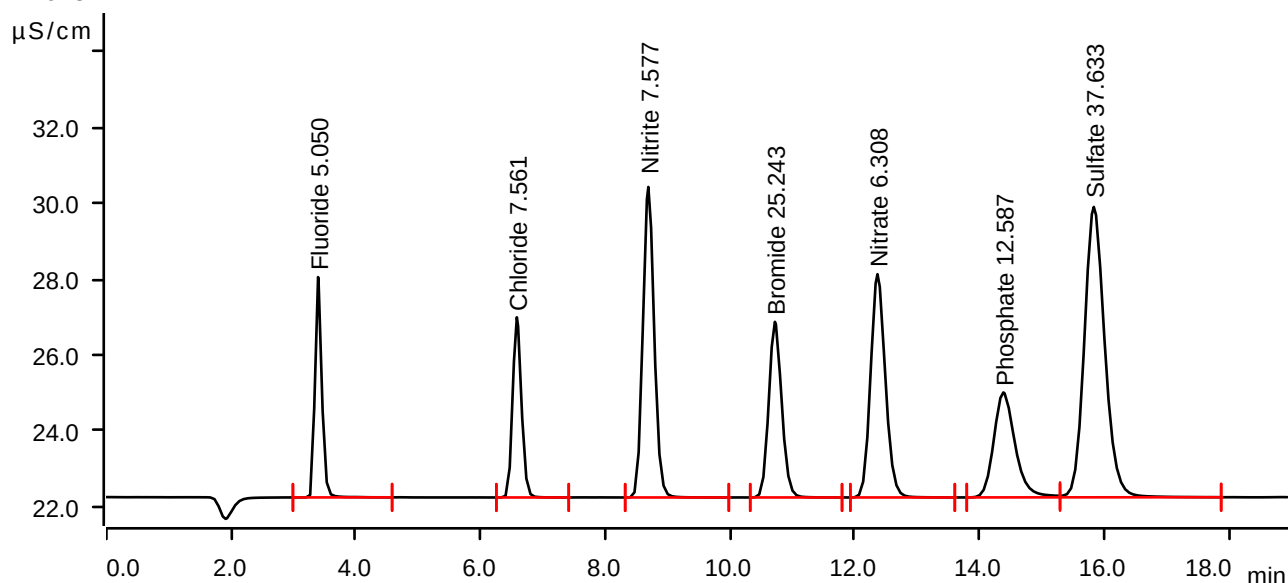
Sample data

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

Anions

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

Anions



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

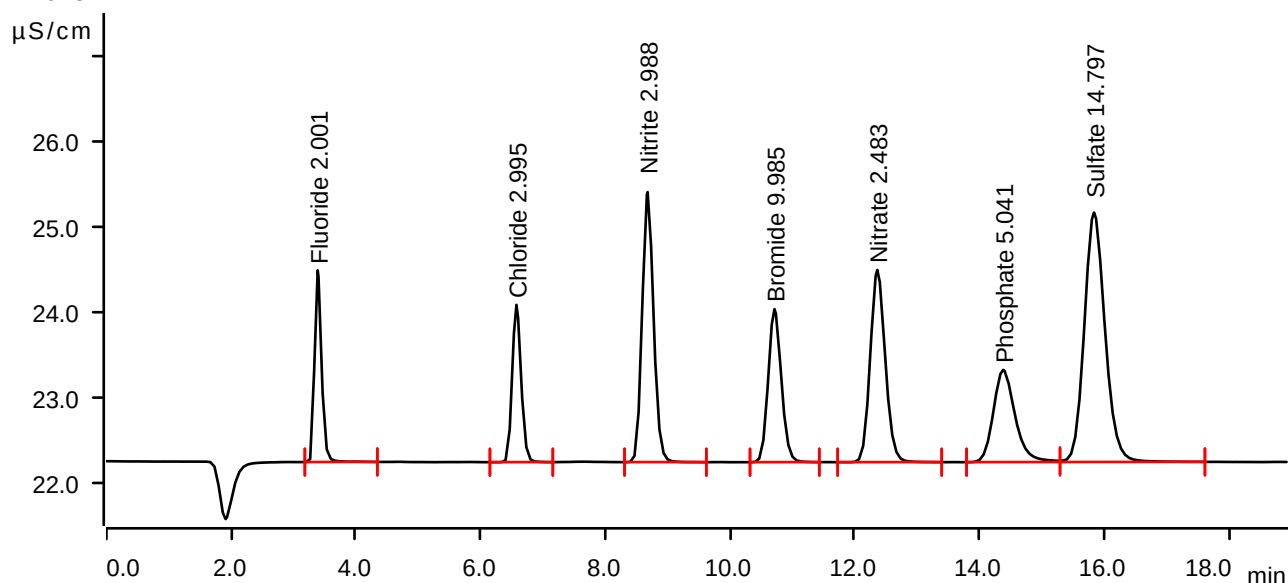
Sample data

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

Anions

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

Anions



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

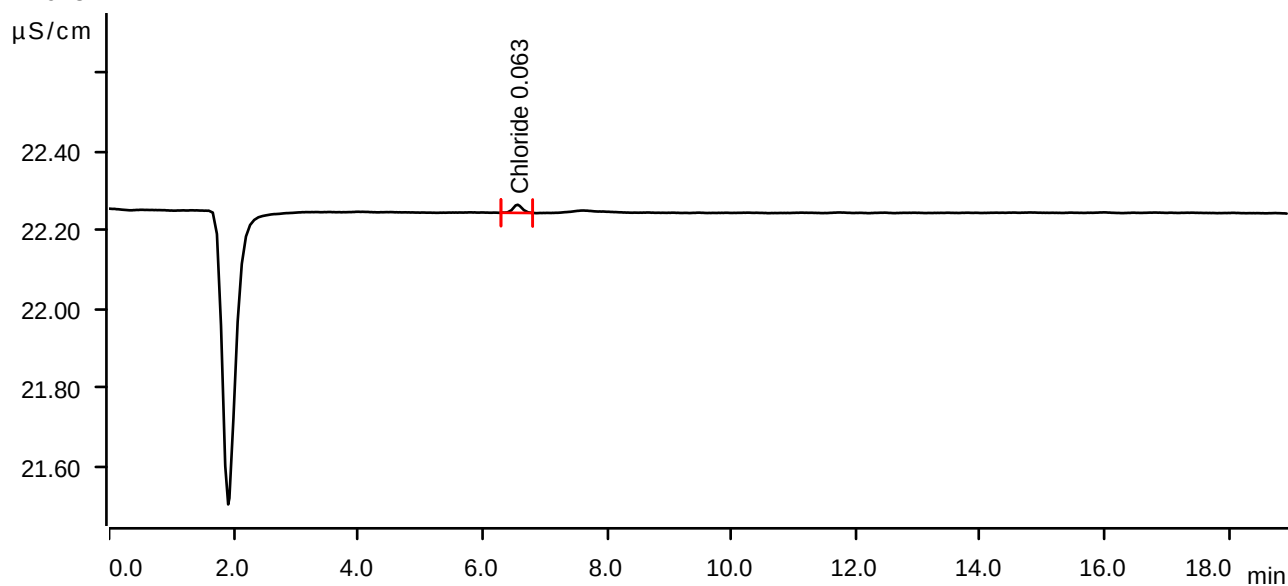
Sample data

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

Anions

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

Anions



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

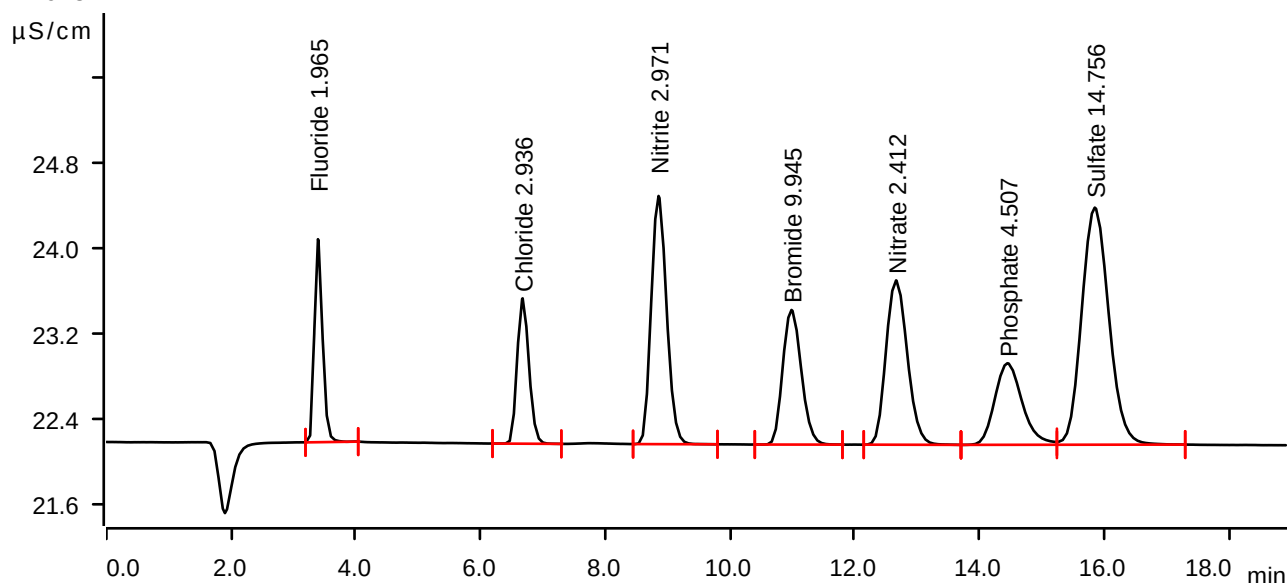
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-10-03 09:11:51 UTC-4
Method IC1-090925
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 13.46 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



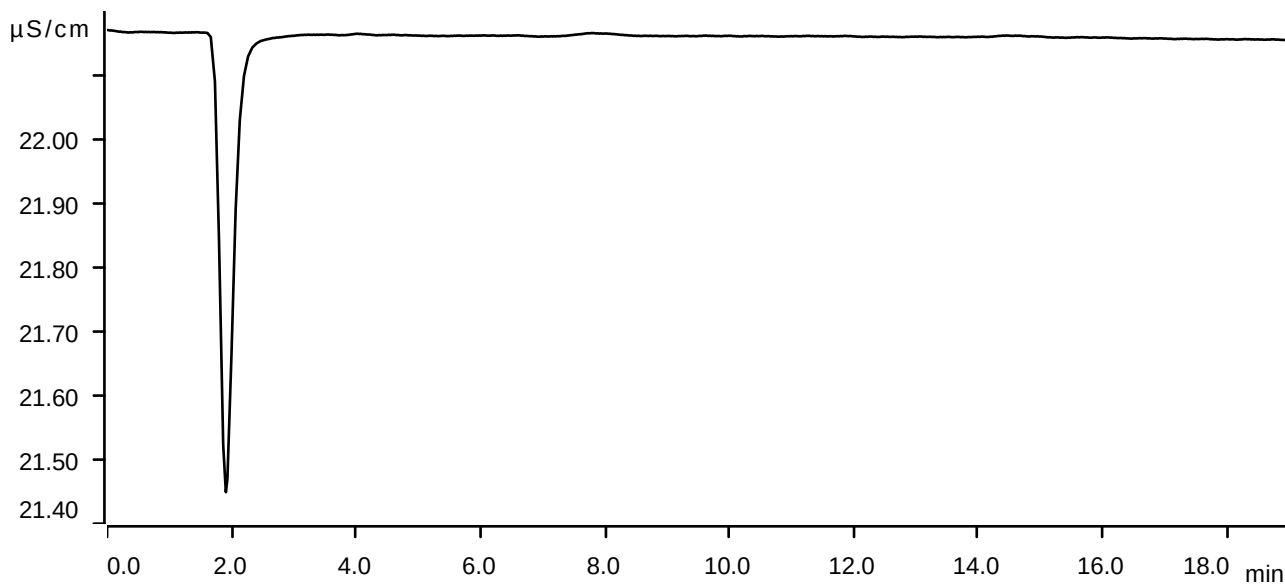
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.393	0.2870	1.902	1.965	Fluoride
2	6.675	0.2997	1.362	2.936	Chloride
3	8.853	0.6675	2.326	2.971	Nitrite
4	10.985	0.4361	1.261	9.945	Bromide
5	12.662	0.6101	1.540	2.412	Nitrate
6	14.447	0.3896	0.765	4.507	Phosphate
7	15.847	1.1243	2.222	14.756	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-10-03 09:33:21 UTC-4
Method IC1-090925
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 13.23 MPa
Maximum pressure monitored yes
Temperature ---- °C

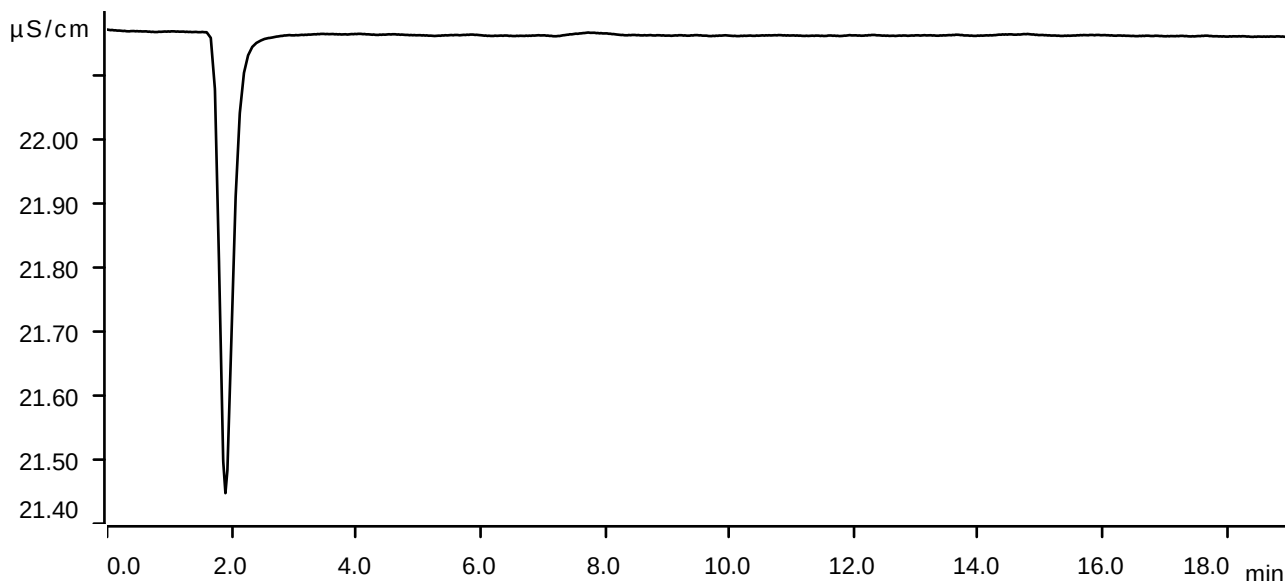
Anions

Sample data

Ident LB137410BLW
Sample type Sample
Determination start 2025-10-03 09:54:52 UTC-4
Method IC1-090925
Operator

Anions

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

Anions

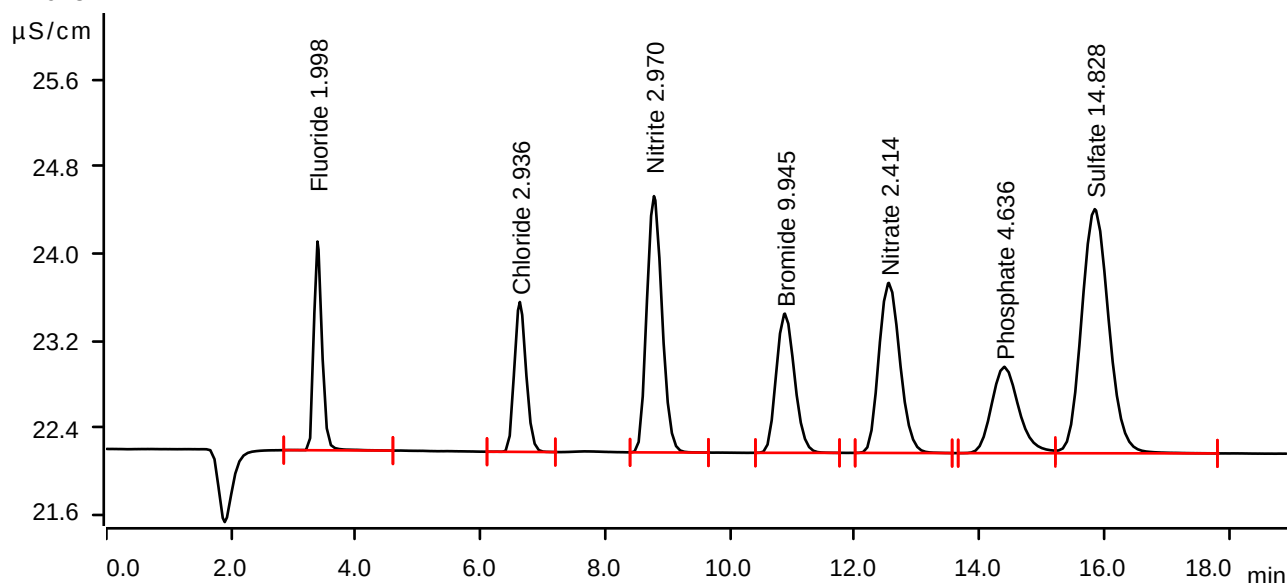
Sample data

Ident LB137410BSW
Sample type Check standard 1
Determination start 2025-10-03 10:16:23 UTC-4
Method IC1-090925
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 13.29 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	3.385	0.2918	1.915	1.998	Fluoride
2	6.630	0.2996	1.375	2.936	Chloride
3	8.780	0.6673	2.352	2.970	Nitrite
4	10.878	0.4362	1.278	9.945	Bromide
5	12.545	0.6106	1.560	2.414	Nitrate
6	14.395	0.4009	0.792	4.636	Phosphate
7	15.847	1.1299	2.240	14.828	Sulfate

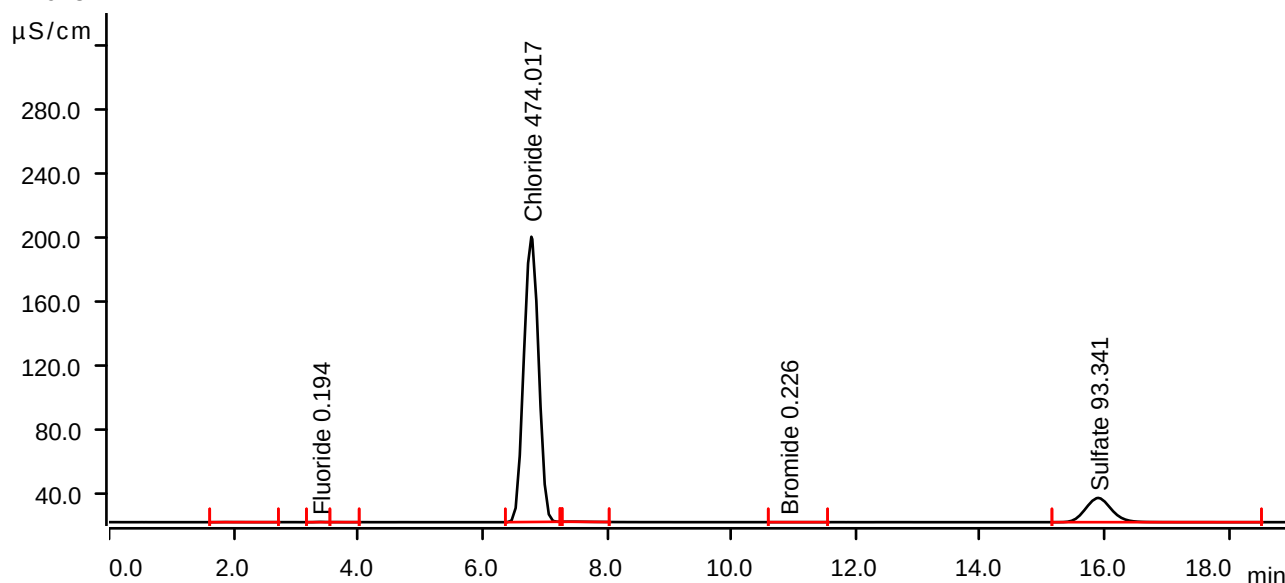
Sample data

Ident Q3275-01
Sample type Sample
Determination start 2025-10-03 10:37:56 UTC-4
Method IC1-090925
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 13.34 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	1.882	0.0265	0.072	invalid	
2	3.392	0.0248	0.158	0.194	Fluoride
3	3.617	0.0079	0.042	invalid	
4	6.787	48.8529	178.215	474.017	Chloride
5	7.410	0.0306	0.080	invalid	
6	10.915	0.0044	0.012	0.226	Bromide
7	15.895	7.2693	15.140	93.341	Sulfate

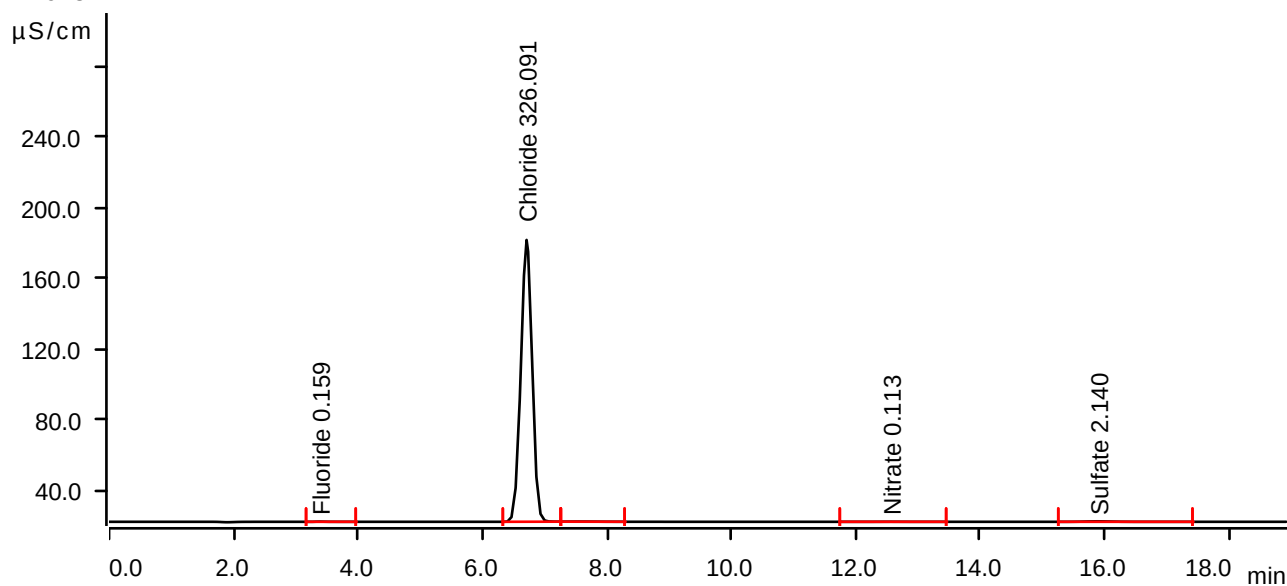
Sample data

Ident Q3275-02
Sample type Sample
Determination start 2025-10-03 10:59:29 UTC-4
Method IC1-090925
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.388	0.0196	0.116	0.159	Fluoride
2	6.710	33.6064	159.553	326.091	Chloride
3	7.550	0.0331	0.072	invalid	
4	12.565	0.0169	0.041	0.113	Nitrate
5	15.895	0.1378	0.272	2.140	Sulfate

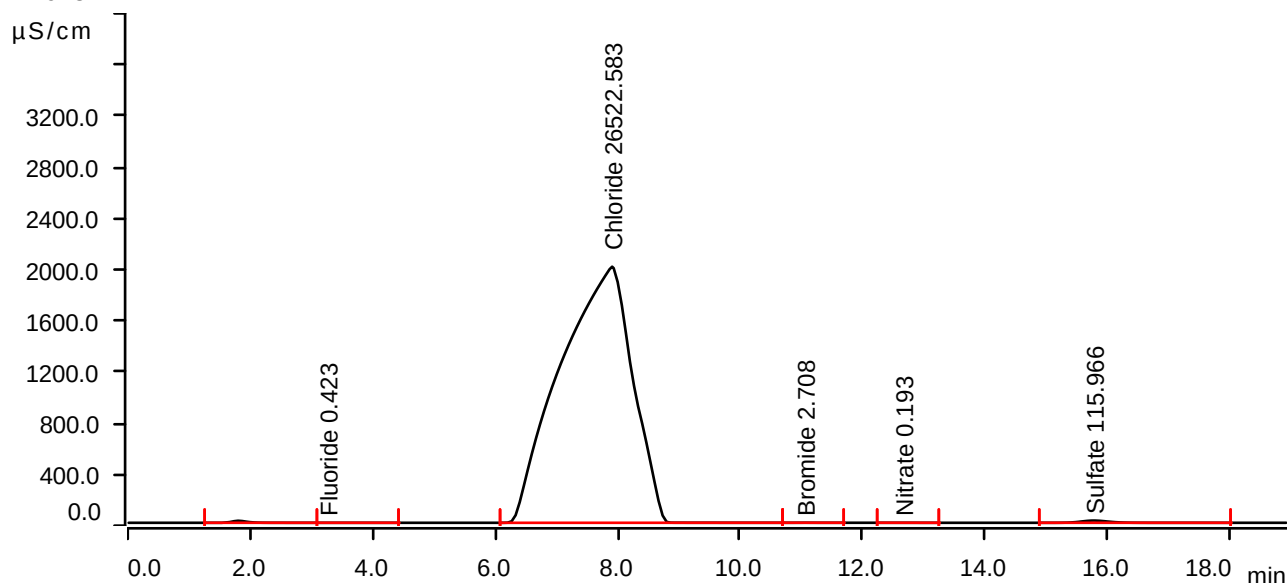
Sample data

Ident Q3275-03
Sample type Sample
Determination start 2025-10-03 11:21:03 UTC-4
Method IC1-090925
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 13.23 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	1.807	4.8000	15.959	invalid	
2	3.262	0.0587	0.147	0.423	Fluoride
3	7.910	2733.6197	1999.973	26522.583	Chloride
4	11.053	0.1146	0.351	2.708	Bromide
5	12.657	0.0376	0.098	0.193	Nitrate
6	15.773	9.0385	17.331	115.966	Sulfate

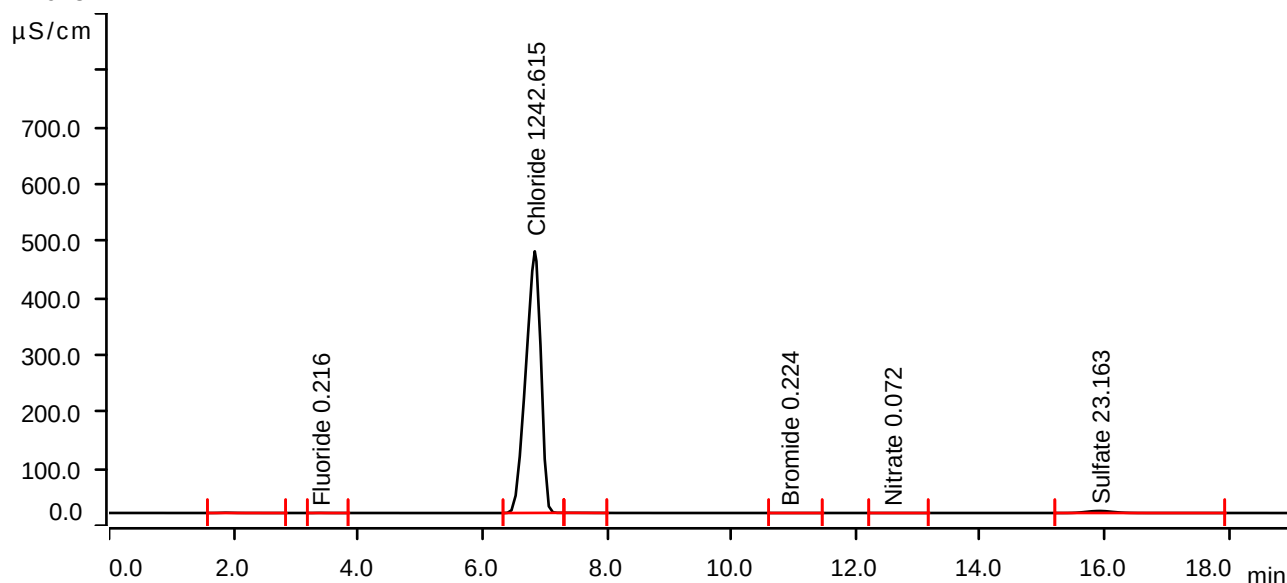
Sample data

Ident Q3275-04
Sample type Sample
Determination start 2025-10-03 11:42:37 UTC-4
Method IC1-090925
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	1.878	0.1287	0.483	invalid	
2	3.388	0.0280	0.179	0.216	Fluoride
3	6.842	128.0706	459.680	1242.615	Chloride
4	7.458	0.0209	0.056	invalid	
5	10.897	0.0043	0.012	0.224	Bromide
6	12.580	0.0062	0.016	0.072	Nitrate
7	15.913	1.7817	3.591	23.163	Sulfate

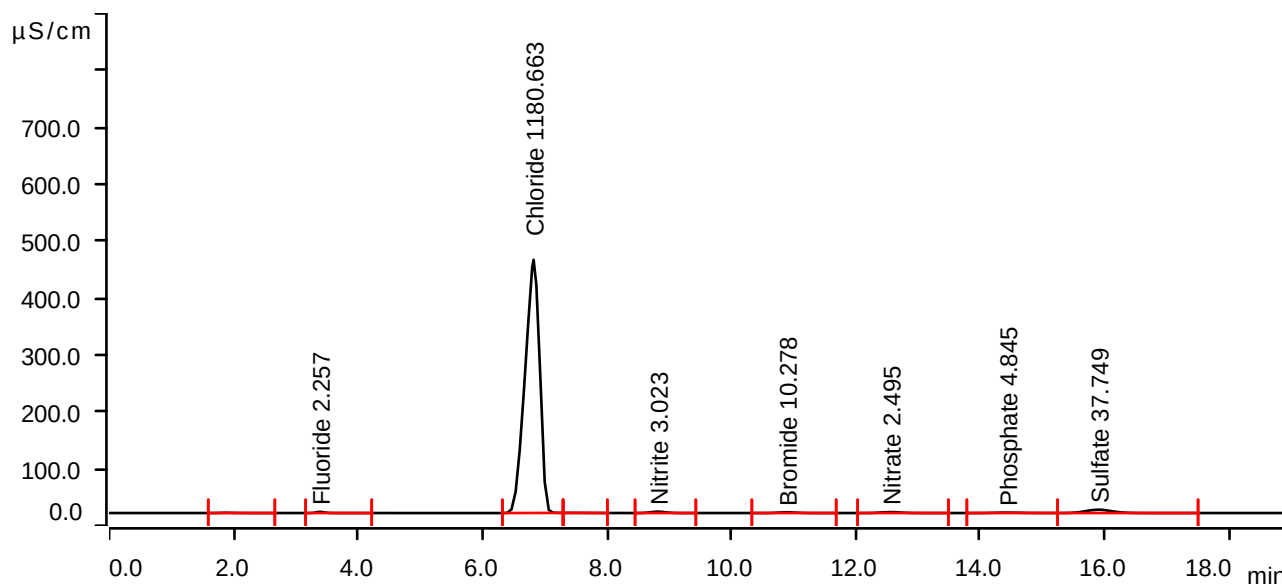
Sample data

Ident Q3275-04MS
Sample type Sample
Determination start 2025-10-03 12:04:12 UTC-4
Method IC1-090925
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	1.877	0.1257	0.478	invalid	
2	3.387	0.3302	2.133	2.257	Fluoride
3	6.823	121.6853	444.815	1180.663	Chloride
4	7.443	0.0196	0.050	invalid	
5	8.818	0.6796	2.438	3.023	Nitrite
6	10.893	0.4509	1.323	10.278	Bromide
7	12.558	0.6314	1.613	2.495	Nitrate
8	14.433	0.4193	0.782	4.845	Phosphate
9	15.900	2.9222	5.880	37.749	Sulfate

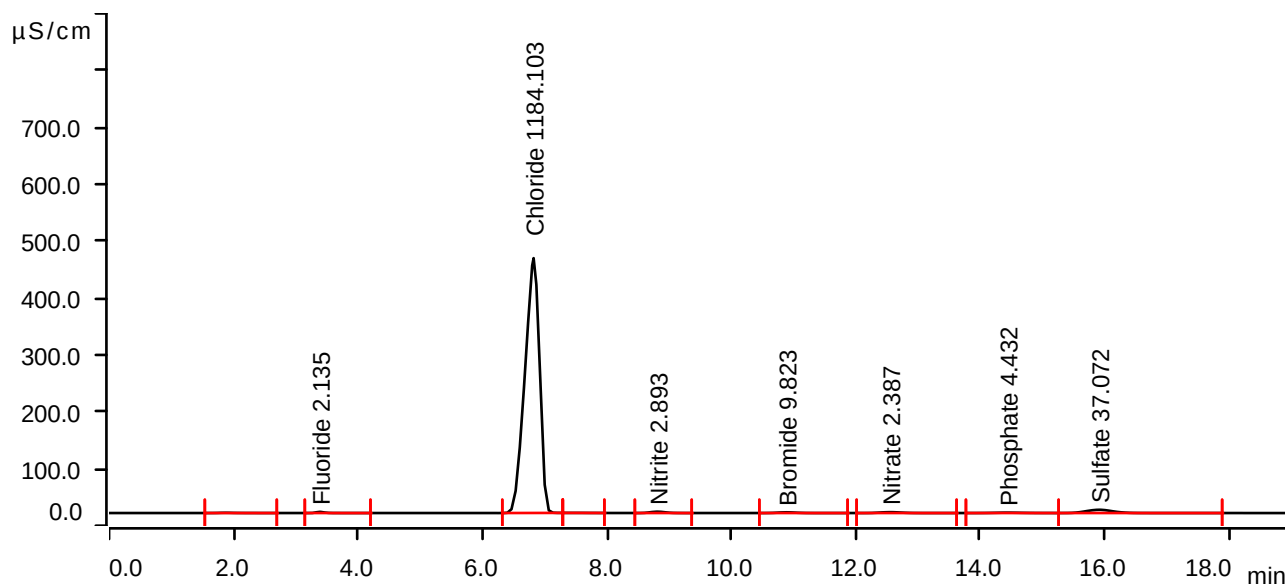
Sample data

Ident Q3275-04MSD
Sample type Sample
Determination start 2025-10-03 12:25:47 UTC-4
Method IC1-090925
Operator

Anions

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

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	1.872	0.1264	0.481	invalid	
2	3.387	0.3122	2.028	2.135	Fluoride
3	6.823	122.0399	447.740	1184.103	Chloride
4	7.428	0.0189	0.048	invalid	
5	8.815	0.6496	2.331	2.893	Nitrite
6	10.887	0.4307	1.260	9.823	Bromide
7	12.553	0.6036	1.533	2.387	Nitrate
8	14.437	0.3830	0.713	4.432	Phosphate
9	15.912	2.8693	5.758	37.072	Sulfate

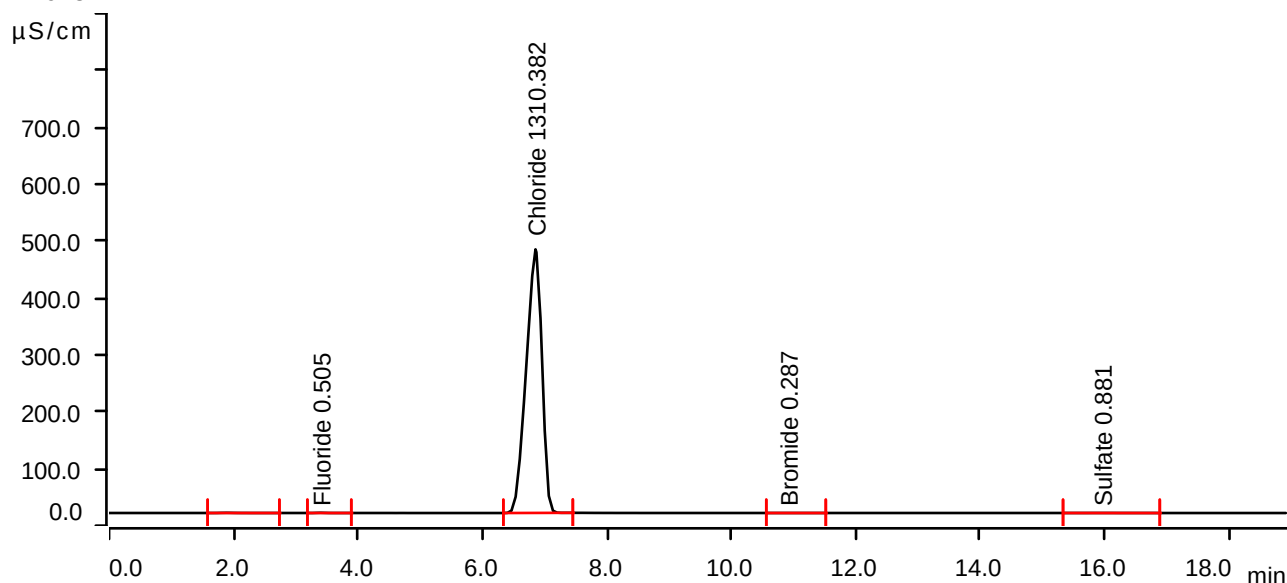
Sample data

Ident Q3278-01
Sample type Sample
Determination start 2025-10-03 12:47:22 UTC-4
Method IC1-090925
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	1.882	0.0989	0.366	invalid	
2	3.397	0.0708	0.451	0.505	Fluoride
3	6.853	135.0551	463.100	1310.382	Chloride
4	10.903	0.0071	0.020	0.287	Bromide
5	15.953	0.0393	0.076	0.881	Sulfate

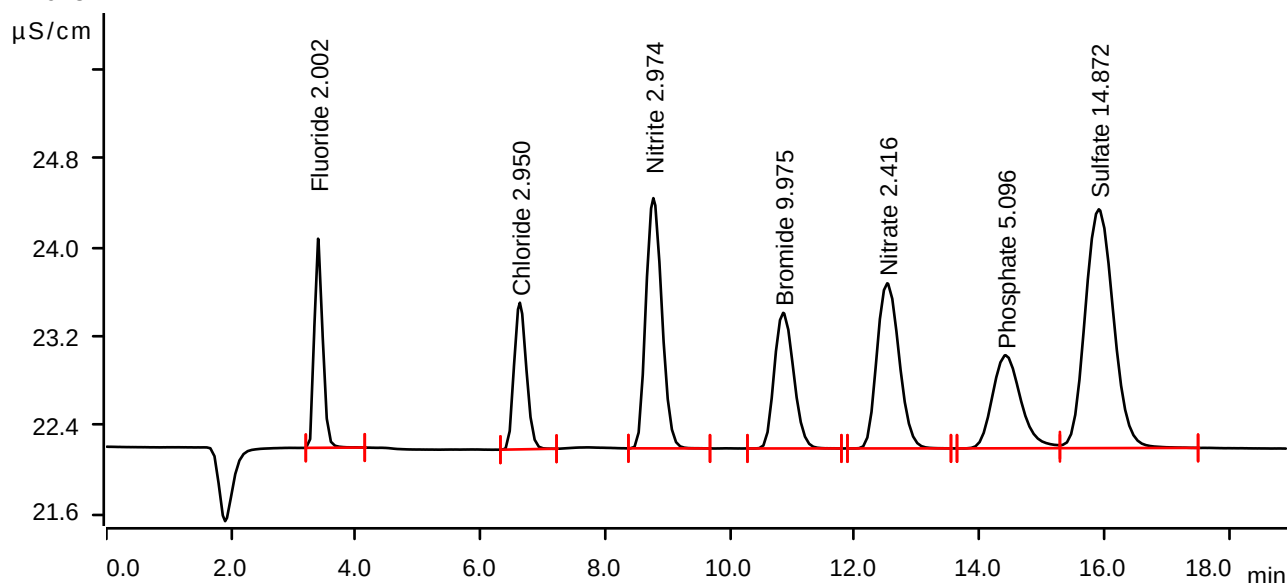
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-10-03 13:08:56 UTC-4
Method IC1-090925
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.395	0.2924	1.878	2.002	Fluoride
2	6.630	0.3011	1.317	2.950	Chloride
3	8.770	0.6684	2.247	2.974	Nitrite
4	10.852	0.4375	1.218	9.975	Bromide
5	12.520	0.6111	1.483	2.416	Nitrate
6	14.417	0.4414	0.836	5.096	Phosphate
7	15.912	1.1333	2.145	14.872	Sulfate

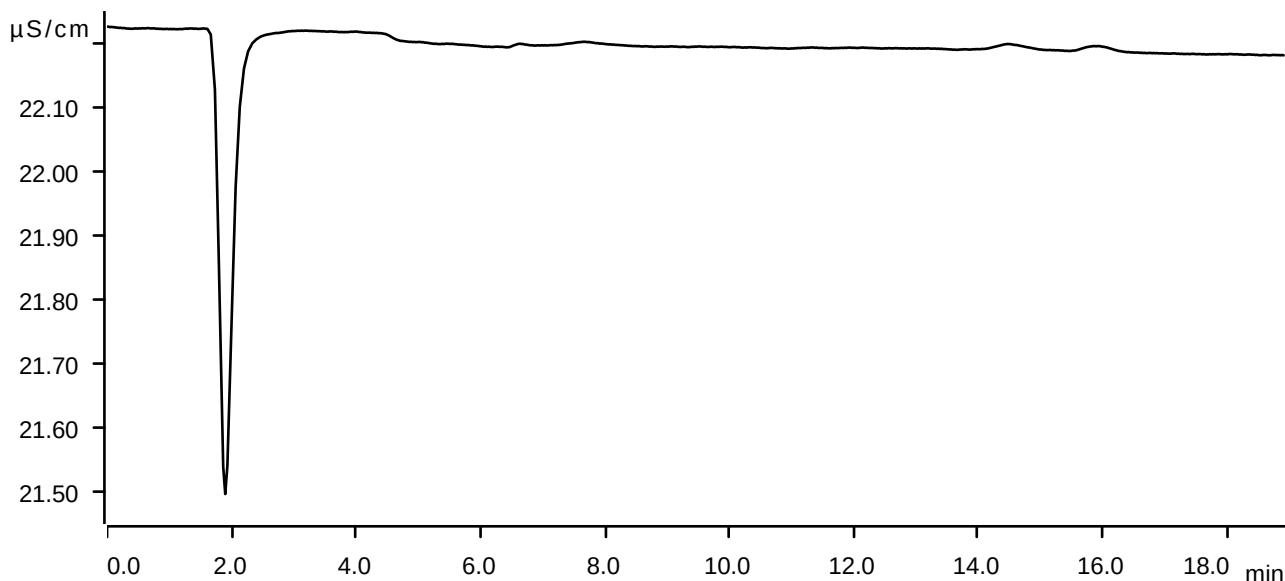
Sample data

Ident CCB
Sample type Sample
Determination start 2025-10-03 13:30:26 UTC-4
Method IC1-090925
Operator

Anions

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

Anions



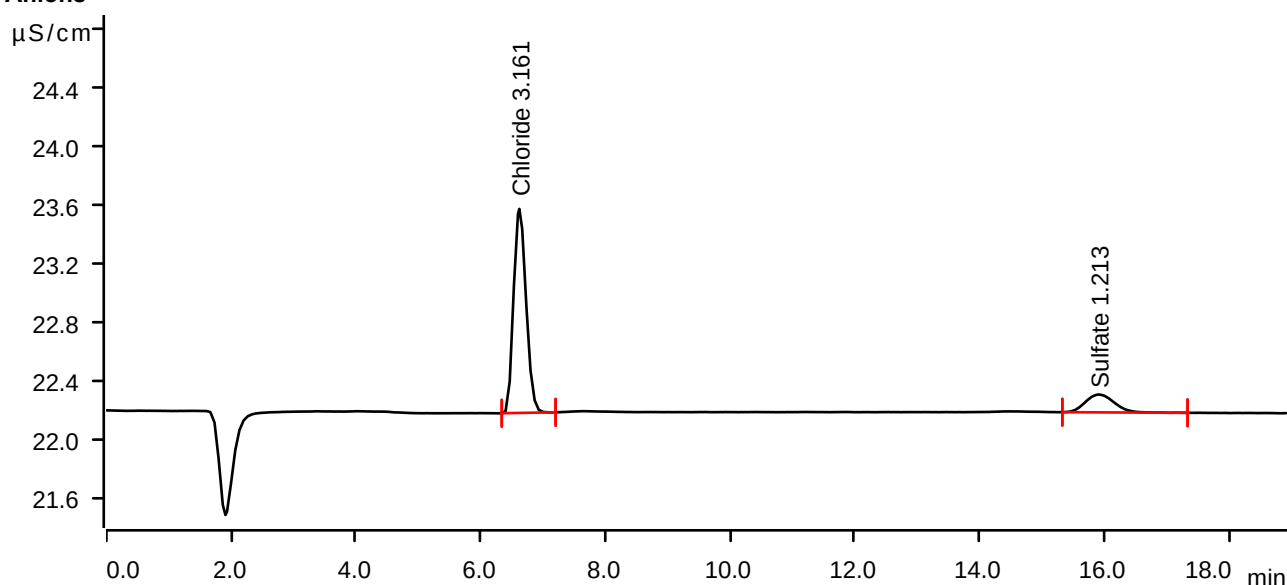
Sample data

Ident Q3275-01DLX100
Sample type Sample
Determination start 2025-10-03 13:51:57 UTC-4
Method IC1-090925
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.622	0.3229	1.394	3.161	Chloride
2	15.907	0.0653	0.122	1.213	Sulfate

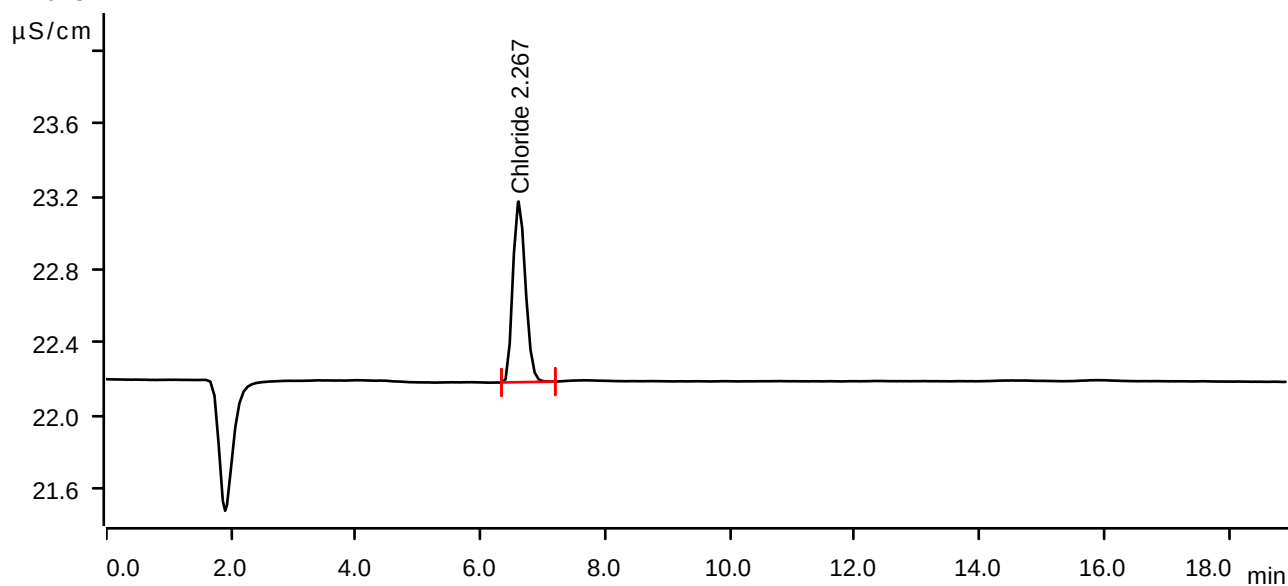
Sample data

Ident Q3275-02DLX100
Sample type Sample
Determination start 2025-10-03 14:13:29 UTC-4
Method IC1-090925
Operator

Anions

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

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	6.610	0.2306	0.988	2.267	Chloride

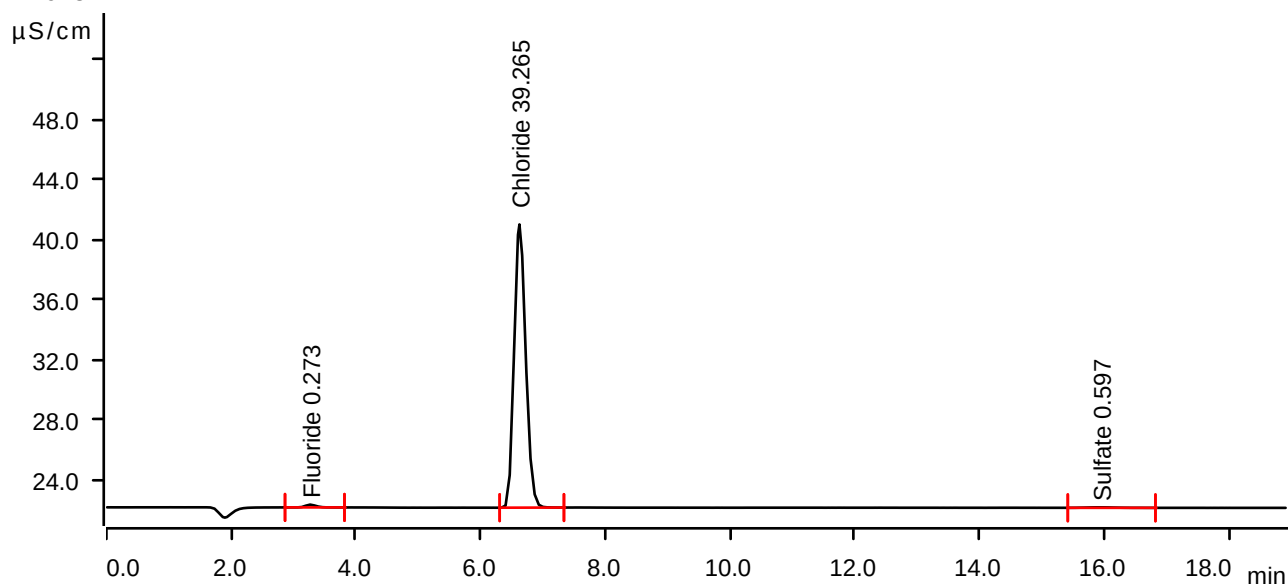
Sample data

Ident Q3275-03DLX500
Sample type Sample
Determination start 2025-10-03 14:36:42 UTC-4
Method IC1-090925
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.268	0.0365	0.186	0.273	Fluoride
2	6.623	4.0440	18.800	39.265	Chloride
3	15.912	0.0171	0.033	0.597	Sulfate

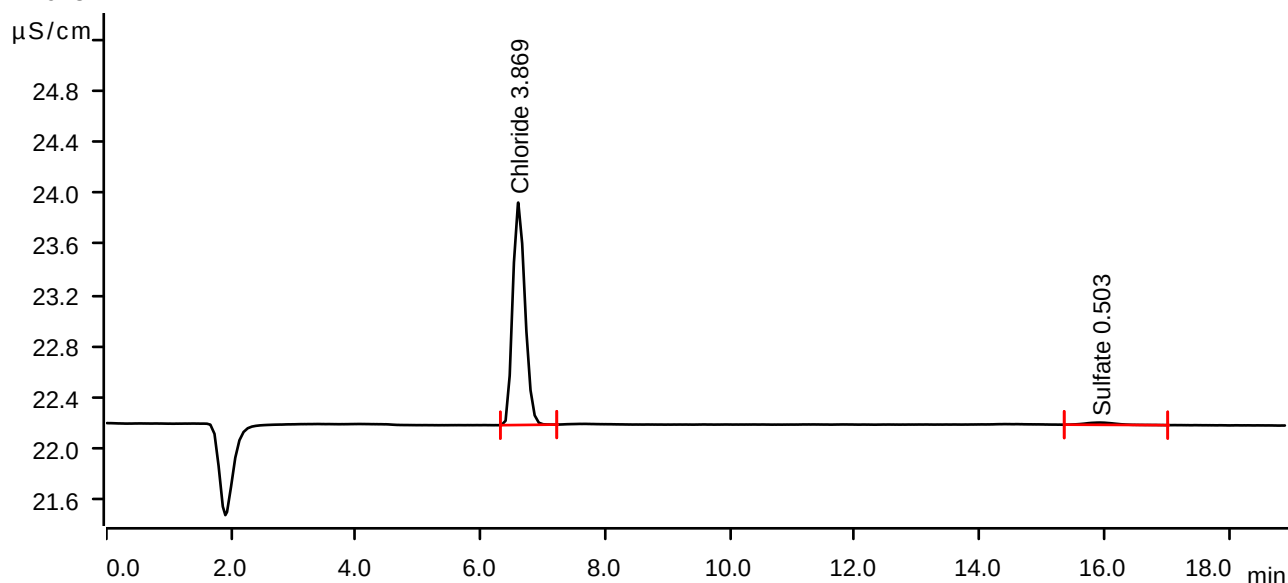
Sample data

Ident Q3275-04DLX200
Sample type Sample
Determination start 2025-10-03 15:00:03 UTC-4
Method IC1-090925
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.605	0.3958	1.737	3.869	Chloride
2	15.932	0.0097	0.018	0.503	Sulfate

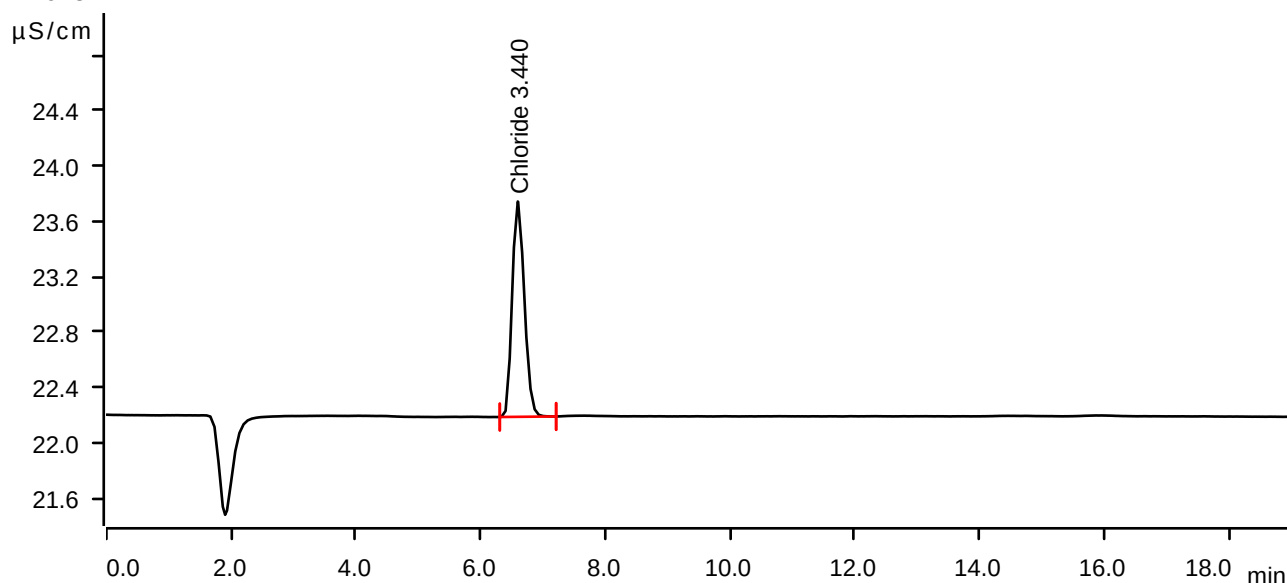
Sample data

Ident Q3275-03DL2X5000
Sample type Sample
Determination start 2025-10-03 15:21:34 UTC-4
Method IC1-090925
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.67 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	6.597	0.3515	1.556	3.440	Chloride

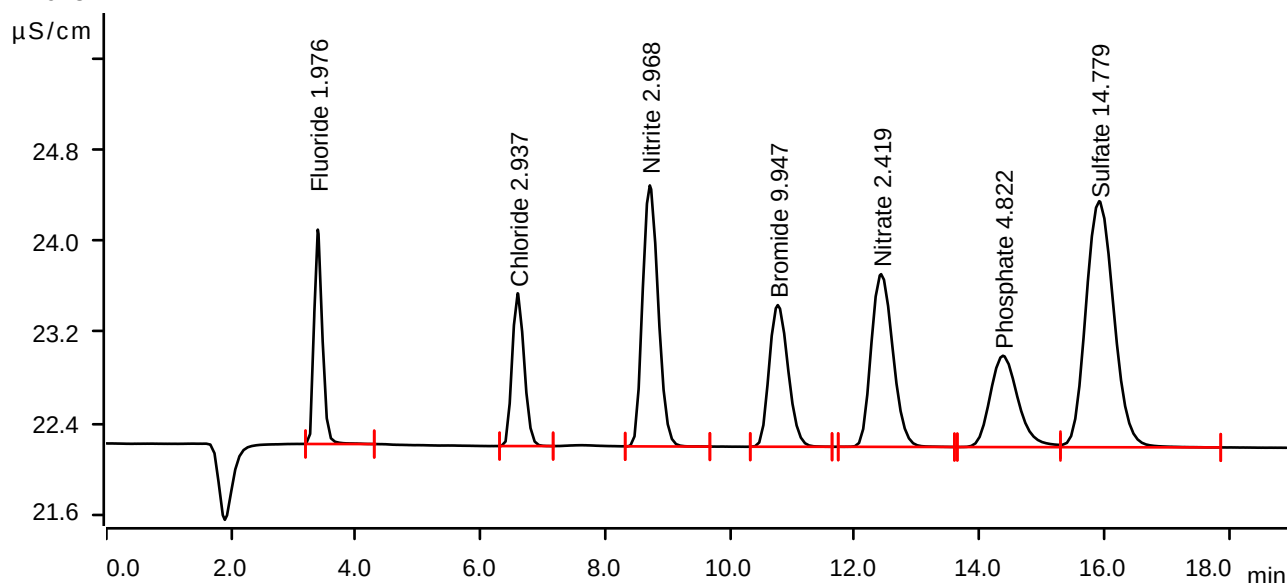
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-10-03 15:43:03 UTC-4
Method IC1-090925
Operator

Anions

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

Anions



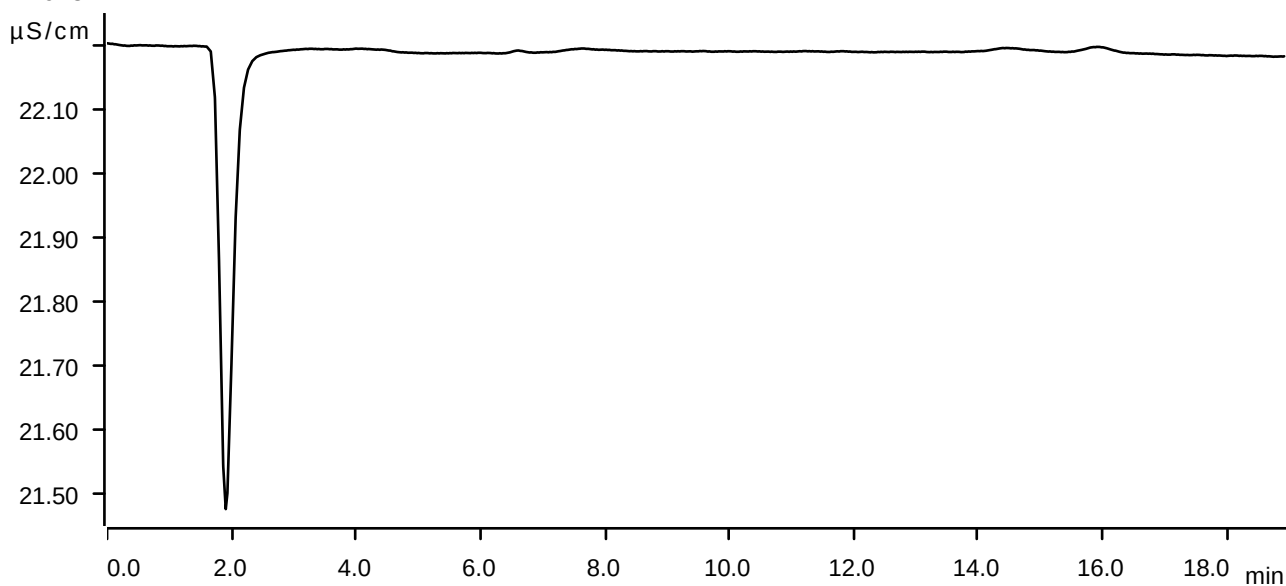
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.390	0.2886	1.883	1.976	Fluoride
2	6.595	0.2997	1.342	2.937	Chloride
3	8.713	0.6669	2.293	2.968	Nitrite
4	10.765	0.4363	1.244	9.947	Bromide
5	12.422	0.6119	1.518	2.419	Nitrate
6	14.375	0.4173	0.803	4.822	Phosphate
7	15.918	1.1261	2.162	14.779	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-10-03 16:04:34 UTC-4
Method IC1-090925
Operator

Anions

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

Anions

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137410

Review By	rubina	Review On	10/7/2025 8:23:35 AM
Supervise By	Iwona	Supervise On	10/7/2025 9:31:32 AM
SubDirectory	LB137410	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683		
ICV Standard	WP114684		
CCV Standard	WP115067		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115068		
Chk Standard	WP114685,WP114686		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	09/09/25 10:21	All standards, samples, and	RM/IZ	OK
2	STD2	STD2	CAL2	09/09/25 10:42	QC are filtered through	RM/IZ	OK
3	STD3	STD3	CAL3	09/09/25 11:25	0.45um, filter lot W3160	RM/IZ	OK
4	STD4	STD4	CAL4	09/09/25 11:47		RM/IZ	OK
5	STD5	STD5	CAL5	09/09/25 13:36		RM/IZ	OK
6	STD6	STD6	CAL6	09/09/25 13:58		RM/IZ	OK
7	STD7	STD7	CAL7	09/09/25 14:41		RM/IZ	OK
8	ICV1	ICV1	ICV	09/09/25 15:02		RM/IZ	OK
9	ICB1	ICB1	ICB	09/09/25 15:45		RM/IZ	OK
10	CCV1	CCV1	CCV	10/03/25 09:11		RM/IZ	OK
11	CCB1	CCB1	CCB	10/03/25 09:33		RM/IZ	OK
12	LB137410BLW	LB137410BLW	MB	10/03/25 09:54		RM/IZ	OK
13	LB137410BSW	LB137410BSW	LCS	10/03/25 10:16		RM/IZ	OK
14	Q3275-01	MW3	SAM	10/03/25 10:37	Cl is high, need dilution	RM/IZ	Dilution
15	Q3275-02	MW4	SAM	10/03/25 10:59	Cl is high, need dilution	RM/IZ	Dilution
16	Q3275-03	MW5	SAM	10/03/25 11:21	Cl is high, need dilution	RM/IZ	Dilution
17	Q3275-04	MW1	SAM	10/03/25 11:42	Cl is high, need dilution	RM/IZ	Dilution
18	Q3275-04MS	MW1MS	MS	10/03/25 12:04	9.5ml of sample, 0.5mL W3096	RM/IZ	OK

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137410

Review By	rubina	Review On	10/7/2025 8:23:35 AM
Supervise By	Iwona	Supervise On	10/7/2025 9:31:32 AM
SubDirectory	LB137410	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683		
ICV Standard	WP114684		
CCV Standard	WP115067		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115068		
Chk Standard	WP114685,WP114686		

19	Q3275-04MSD	MW1MSD	MSD	10/03/25 12:25	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
20	Q3278-01	MW10	SAM	10/03/25 12:47		RM/IZ	OK
21	CCV2	CCV2	CCV	10/03/25 13:08		RM/IZ	OK
22	CCB2	CCB2	CCB	10/03/25 13:30		RM/IZ	OK
23	Q3275-01DL	MW3DL	SAM	10/03/25 13:51	100X for Cl	RM/IZ	Confirms
24	Q3275-02DL	MW4DL	SAM	10/03/25 14:13	100X for Cl	RM/IZ	OK
25	Q3275-03DL	MW5DL	SAM	10/03/25 14:36	500X For cl still High	RM/IZ	Dilution
26	Q3275-04DL	MW1DL	SAM	10/03/25 15:00	200X For Cl	RM/IZ	Confirms
27	Q3275-03DL2	MW5DL2	SAM	10/03/25 15:21	5000X For Cl	RM/IZ	Confirms
28	CCV3	CCV3	CCV	10/03/25 15:43		RM/IZ	OK
29	CCB3	CCB3	CCB	10/03/25 16:04		RM/IZ	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

COMPANY: Environmental
ADDRESS: 8 Carriage
CITY: Succasunna STATE: NJ ZIP: 07986
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

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

CLIENT BILLING INFORMATION

BILL TO: Environmental PO#:
ADDRESS: 8 Carriage
CITY: Succasunna STATE: NJ ZIP: 07986
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 57 DAYS*
HARDCOPY (DATA PACKAGE): 57 DAYS*
EDD: 57 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 Excel
EDD FORMAT Excel

PRESERVATIVES

COMMENTS

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	MW3	GW		X	10/2/25	1335	2			X		X					
2.	MW4	GW		X	10/2/25	1335	1			X		X					
3.	MW5	GW		X	10/2/25	1347	1			X		X					
4.	MW1	GW		X	10/2/25	1347	2			X		X					
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>10/2/25 15:40</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>21°C</u> Comments: <u>If Grant #1</u>
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 2. <u>[Signature]</u>	
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 3. <u>[Signature]</u>	

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

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312