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

DATA PACKAGE

GENERAL CHEMISTRY

PROJECT NAME : BANKER

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q3365

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q3365

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Cover Page

Order ID : Q3365

Project ID : Banker

Client : G Environmental

Lab Sample Number	Client Sample Number
Q3365-01	MW25
Q3365-02	MW2D
Q3365-03	SUPPLY
Q3365-04	17 HARVEY
Q3365-05	19 HARVEY

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 3:24 pm, Oct 29, 2025

Date: 10/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Banker
Project # N/A
Order ID # Q3365
Test Name: Anions Group1

A. Number of Samples and Date of Receipt:
5 Water samples were received on 10/16/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Anions Group1. This data package contains results for Anions Group1.

C. Analytical Techniques:
The analysis of Anions Group1 was based on method 300.0.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
Sample MW25 was diluted due to high concentrations for Chloride & Sample MW25DL was diluted due to high concentrations for Chloride & Sample MW2D was diluted due to high concentrations for Chloride & Sample MW2DDL was diluted due to high concentrations for Chloride & Sample SUPPLY was diluted due to high concentrations for Chloride & Sample 17 HARVEY was diluted due to high concentrations for Chloride & Sample 19 HARVEY was diluted due to high concentrations for Chloride.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Matrix Spike (19 HARVEYMS) analysis met criteria for all compounds except for Anions Group1(Chloride) due to sample matrix interference.
The Matrix Spike Duplicate (19 HARVEYMSD) analysis met criteria for all compounds except for Anions Group1(Chloride) due to sample matrix interference.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 3:25 pm, Oct 29, 2025

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

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

GENERAL CHEMISTRY CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3365 MATRIX: Water

METHOD: 300.0

		NA	NO	YES
1.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
2.	Matrix Spike Duplicate Recoveries Met Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Blank Spike met requirements for all compounds. The Matrix Spike (19 HARVEYMS) analysis met criteria for all compounds except for Anions Group1(Chloride) due to sample matrix interference. The Matrix Spike Duplicate (19 HARVEYMSD) analysis met criteria for all compounds except for Anions Group1(Chloride) due to sample matrix interference.			
3.	Sample Duplicate Analysis Met QC Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
4.	Digestion Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

QA REVIEW

REVIEWED
By Sohil Jodhani, QA/QC Director at 2:01 pm, Oct 29, 2025

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3365

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 10/28/2025

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LAB CHRONICLE

OrderID:	Q3365	**OrderDate:**	10/16/2025 1:32:00 PM
Client:	G Environmental	**Project:**	Banker
Contact:	Gary Landis	**Location:**	J13

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3365-01	**MW25**	**WATER**			**10/16/25 09:25**			**10/16/25**
			Anions Group1	300.0			10/16/25 14:17	
Q3365-01DL	**MW25DL**	**WATER**			**10/16/25 09:25**			**10/16/25**
			Anions Group1	300.0			10/16/25 17:01	
Q3365-01DL2	**MW25DL2**	**WATER**			**10/16/25 09:25**			**10/16/25**
			Anions Group1	300.0			10/17/25 11:41	
Q3365-02	**MW2D**	**WATER**			**10/16/25 10:39**			**10/16/25**
			Anions Group1	300.0			10/16/25 14:39	
Q3365-02DL	**MW2DDL**	**WATER**			**10/16/25 10:39**			**10/16/25**
			Anions Group1	300.0			10/16/25 19:11	
Q3365-02DL2	**MW2DDL2**	**WATER**			**10/16/25 10:39**			**10/16/25**
			Anions Group1	300.0			10/17/25 12:02	
Q3365-03	**SUPPLY**	**WATER**			**10/16/25 11:00**			**10/16/25**
			Anions Group1	300.0			10/16/25 15:01	

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LAB CHRONICLE

Q3365-03DL	**SUPPLYDL**	**WATER**			**10/16/25 11:00**		**10/16/25**
			Anions Group1	300.0		10/16/25 19:54	
Q3365-04	**17 HARVEY**	**WATER**			**10/16/25 11:10**		**10/16/25**
			Anions Group1	300.0		10/16/25 15:22	
Q3365-04DL	**17 HARVEYDL**	**WATER**			**10/16/25 11:10**		**10/16/25**
			Anions Group1	300.0		10/16/25 20:15	
Q3365-05	**19 HARVEY**	**WATER**			**10/16/25 11:19**		**10/16/25**
			Anions Group1	300.0		10/16/25 15:44	
Q3365-05DL	**19 HARVEYDL**	**WATER**			**10/16/25 11:19**		**10/16/25**
			Anions Group1	300.0		10/16/25 20:37	

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	10/16/25 09:25
Project:	Banker	Date Received:	10/16/25
Client Sample ID:	MW25	SDG No.:	Q3365
Lab Sample ID:	Q3365-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	7190	OR	1	0.19	0.60	mg/L		10/16/25 14:17	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

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Report of Analysis

Client:	G Environmental	Date Collected:	10/16/25 09:25
Project:	Banker	Date Received:	10/16/25
Client Sample ID:	MW25DL	SDG No.:	Q3365
Lab Sample ID:	Q3365-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	4970	OR	100	19.0	60.0	mg/L		10/16/25 17:01	300.0

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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J = Estimated Value
B = Analyte Found in Associated Method Blank
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N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	G Environmental	Date Collected:	10/16/25 09:25
Project:	Banker	Date Received:	10/16/25
Client Sample ID:	MW25DL2	SDG No.:	Q3365
Lab Sample ID:	Q3365-01DL2	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	4240	D	1000	190	600	mg/L		10/17/25 11:41	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

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Report of Analysis

Client:	G Environmental	Date Collected:	10/16/25 10:39
Project:	Banker	Date Received:	10/16/25
Client Sample ID:	MW2D	SDG No.:	Q3365
Lab Sample ID:	Q3365-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	5370	OR	1	0.19	0.60	mg/L		10/16/25 14:39	300.0

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	G Environmental	Date Collected:	10/16/25 10:39
Project:	Banker	Date Received:	10/16/25
Client Sample ID:	MW2DDL	SDG No.:	Q3365
Lab Sample ID:	Q3365-02DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	3630	OR	100	19.0	60.0	mg/L		10/16/25 19:11	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

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Report of Analysis

Client:	G Environmental	Date Collected:	10/16/25 10:39
Project:	Banker	Date Received:	10/16/25
Client Sample ID:	MW2DDL2	SDG No.:	Q3365
Lab Sample ID:	Q3365-02DL2	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	3200	D	1000	190	600	mg/L		10/17/25 12:02	300.0

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	G Environmental	Date Collected:	10/16/25 11:00
Project:	Banker	Date Received:	10/16/25
Client Sample ID:	SUPPLY	SDG No.:	Q3365
Lab Sample ID:	Q3365-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	304	OR	1	0.19	0.60	mg/L		10/16/25 15:01	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

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Report of Analysis

Client:	G Environmental	Date Collected:	10/16/25 11:00
Project:	Banker	Date Received:	10/16/25
Client Sample ID:	SUPPLYDL	SDG No.:	Q3365
Lab Sample ID:	Q3365-03DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	211	D	100	19.0	60.0	mg/L		10/16/25 19:54	300.0

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
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E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	G Environmental	Date Collected:	10/16/25 11:10
Project:	Banker	Date Received:	10/16/25
Client Sample ID:	17 HARVEY	SDG No.:	Q3365
Lab Sample ID:	Q3365-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	305	OR	1	0.19	0.60	mg/L		10/16/25 15:22	300.0

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
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E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	G Environmental	Date Collected:	10/16/25 11:10
Project:	Banker	Date Received:	10/16/25
Client Sample ID:	17 HARVEYDL	SDG No.:	Q3365
Lab Sample ID:	Q3365-04DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	209	D	100	19.0	60.0	mg/L		10/16/25 20:15	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

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Report of Analysis

Client:	G Environmental	Date Collected:	10/16/25 11:19
Project:	Banker	Date Received:	10/16/25
Client Sample ID:	19 HARVEY	SDG No.:	Q3365
Lab Sample ID:	Q3365-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	493	OR	1	0.19	0.60	mg/L		10/16/25 15:44	300.0

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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LOD = Limit of Detection
D = Dilution
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J = Estimated Value
B = Analyte Found in Associated Method Blank
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N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	G Environmental	Date Collected:	10/16/25 11:19
Project:	Banker	Date Received:	10/16/25
Client Sample ID:	19 HARVEYDL	SDG No.:	Q3365
Lab Sample ID:	Q3365-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	320	D	100	19.0	60.0	mg/L		10/16/25 20:37	300.0

Comments:

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LOD = Limit of Detection
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J = Estimated Value
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QC RESULT SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Initial and Continuing Calibration Verification

Client: G Environmental **SDG No.:** Q3365

Project: Banker **RunNo.:** LB137567

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	9.8	10	98	90-110	10/09/2025
Chloride	mg/L	2.9	3	97	90-110	10/09/2025
Fluoride	mg/L	2	2	100	90-110	10/09/2025
Nitrite	mg/L	2.9	3	97	90-110	10/09/2025
Nitrate	mg/L	2.4	2.5	96	90-110	10/09/2025
Sulfate	mg/L	14.7	15	98	90-110	10/09/2025
Orthophosphate as P	mg/L	5	5	100	90-110	10/09/2025
Sample ID: CCV1						
Bromide	mg/L	10.1	10	101	90-110	10/16/2025
Chloride	mg/L	3	3	100	90-110	10/16/2025
Fluoride	mg/L	2	2	100	90-110	10/16/2025
Nitrite	mg/L	3	3	100	90-110	10/16/2025
Nitrate	mg/L	2.5	2.5	100	90-110	10/16/2025
Sulfate	mg/L	15.1	15	101	90-110	10/16/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	10/16/2025
Sample ID: CCV2						
Bromide	mg/L	10.2	10	102	90-110	10/16/2025
Chloride	mg/L	3	3	100	90-110	10/16/2025
Fluoride	mg/L	0.99	2	50	90-110	10/16/2025
Nitrite	mg/L	3	3	100	90-110	10/16/2025
Nitrate	mg/L	2.5	2.5	100	90-110	10/16/2025
Sulfate	mg/L	15	15	100	90-110	10/16/2025
Orthophosphate as P	mg/L	1	5	20	90-110	10/16/2025
Sample ID: CCV3						
Bromide	mg/L	10.2	10	102	90-110	10/16/2025
Chloride	mg/L	3	3	100	90-110	10/16/2025
Fluoride	mg/L	2	2	100	90-110	10/16/2025
Nitrite	mg/L	3	3	100	90-110	10/16/2025
Nitrate	mg/L	2.5	2.5	100	90-110	10/16/2025
Sulfate	mg/L	15.2	15	101	90-110	10/16/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	10/16/2025
Sample ID: CCV4						
Bromide	mg/L	10.2	10	102	90-110	10/17/2025
Chloride	mg/L	3	3	100	90-110	10/17/2025
Fluoride	mg/L	2.1	2	105	90-110	10/17/2025
Nitrite	mg/L	3	3	100	90-110	10/17/2025
Nitrate	mg/L	2.5	2.5	100	90-110	10/17/2025
Sulfate	mg/L	15.3	15	102	90-110	10/17/2025

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Initial and Continuing Calibration Verification

Client: G Environmental **SDG No.:** Q3365

Project: Banker **RunNo.:** LB137567

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Orthophosphate as P	mg/L	4.6	5	92	90-110	10/17/2025
Sample ID: CCV5						
Bromide	mg/L	10.2	10	102	90-110	10/17/2025
Chloride	mg/L	3	3	100	90-110	10/17/2025
Fluoride	mg/L	2	2	100	90-110	10/17/2025
Nitrite	mg/L	3	3	100	90-110	10/17/2025
Nitrate	mg/L	2.5	2.5	100	90-110	10/17/2025
Sulfate	mg/L	15.3	15	102	90-110	10/17/2025
Orthophosphate as P	mg/L	4.8	5	96	90-110	10/17/2025

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Initial and Continuing Calibration Blank Summary

Client: G Environmental **SDG No.:** Q3365

Project: Banker **RunNo.:** LB137567

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	10/09/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/09/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/09/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/09/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/09/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/09/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/09/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/16/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/16/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/16/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/16/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/16/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/16/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/16/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/16/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/16/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/16/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/16/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/16/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/16/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/16/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/16/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/16/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/16/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/16/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/16/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/16/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/16/2025
Sample ID: CCB4							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/17/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/17/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/17/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/17/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/17/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/17/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/17/2025
Sample ID: CCB5							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/17/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/17/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/17/2025

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Initial and Continuing Calibration Blank Summary

Client: G Environmental **SDG No.:** Q3365

Project: Banker **RunNo.:** LB137567

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/17/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/17/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/17/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/17/2025

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Preparation Blank Summary

Client: G Environmental **SDG No.:** Q3365

Project: Banker

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137567BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/16/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/16/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/16/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/16/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/16/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/16/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/16/2025
Sample ID: LB137567BLW2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/17/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/17/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/17/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/17/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/17/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/17/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/17/2025

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Matrix Spike Summary

Client: G Environmental
Project: Banker
Client ID: 19 HARVEYMS

SDG No.: Q3365
Sample ID: Q3365-05
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	10.0		0.37	U	10	1	100		10/16/2025
Chloride	mg/L	80-120	471	OR	493	OR	3	1	-733	*	10/16/2025
Fluoride	mg/L	80-120	2.10		0.16	J	2	1	97		10/16/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		10/16/2025
Nitrate	mg/L	80-120	4.10		1.80		2.5	1	92		10/16/2025
Sulfate	mg/L	80-120	43.9	OR	30.3		15	1	91		10/16/2025
Orthophosphate as P	mg/L	80-120	4.70		0.34	U	5	1	94		10/16/2025

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Matrix Spike Summary

Client: G Environmental
Project: Banker
Client ID: 19 HARVEYMSD

SDG No.: Q3365
Sample ID: Q3365-05
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	9.90		0.37	U	10	1	99		10/16/2025
Chloride	mg/L	80-120	472	OR	493	OR	3	1	-700	*	10/16/2025
Fluoride	mg/L	80-120	2.10		0.16	J	2	1	97		10/16/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		10/16/2025
Nitrate	mg/L	80-120	4.10		1.80		2.5	1	92		10/16/2025
Sulfate	mg/L	80-120	44.0	OR	30.3		15	1	91		10/16/2025
Orthophosphate as P	mg/L	80-120	5.00		0.34	U	5	1	100		10/16/2025

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Duplicate Sample Summary

Client: G Environmental
Project: Banker
Client ID: 19 HARVEYMSD

SDG No.: Q3365
Sample ID: Q3365-05
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Fluoride	mg/L	+/-20	2.10		2.10		1	0		10/16/2025
Nitrate	mg/L	+/-20	4.10		4.10		1	0		10/16/2025
Nitrite	mg/L	+/-20	2.90		2.90		1	0		10/16/2025
Chloride	mg/L	+/-20	471	OR	472	OR	1	0		10/16/2025
Sulfate	mg/L	+/-20	43.9	OR	44.0	OR	1	0		10/16/2025
Bromide	mg/L	+/-20	10.0		9.90		1	1		10/16/2025
Orthophosphate as P	mg/L	+/-20	4.70		5.00		1	6		10/16/2025

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Laboratory Control Sample Summary

Client: G Environmental **SDG No.:** Q3365

Project: Banker **Run No.:** LB137567

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137567BSW								
Bromide	mg/L	10	10.1		101	1	90-110	10/16/2025
Chloride	mg/L	3	3.00		100	1	90-110	10/16/2025
Fluoride	mg/L	2	2.00		100	1	90-110	10/16/2025
Nitrite	mg/L	3	3.00		100	1	90-110	10/16/2025
Nitrate	mg/L	2.5	2.50		100	1	90-110	10/16/2025
Sulfate	mg/L	15	15.1		101	1	90-110	10/16/2025
Orthophosphate as P	mg/L	5	5.20		104	1	90-110	10/16/2025

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Laboratory Control Sample Summary

Client: G Environmental **SDG No.:** Q3365

Project: Banker **Run No.:** LB137567

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137567BSW2								
Bromide	mg/L	10	10.3		103	1	90-110	10/17/2025
Chloride	mg/L	3	3.00		100	1	90-110	10/17/2025
Fluoride	mg/L	2	2.10		105	1	90-110	10/17/2025
Nitrite	mg/L	3	3.00		100	1	90-110	10/17/2025
Nitrate	mg/L	2.5	2.50		100	1	90-110	10/17/2025
Sulfate	mg/L	15	15.4		103	1	90-110	10/17/2025
Orthophosphate as P	mg/L	5	4.70		94	1	90-110	10/17/2025

RAW DATA

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

Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method name	date time	Initial w Analyst
STD1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/9/2025 10:46	10 RM/IZ
STD2	0.440	0.646	0.652	2.141	0.541	1.118	3.299	IC1-100925	10/9/2025 11:08	10 RM/IZ
STD3	0.813	1.225	1.222	4.073	1.019	1.947	6.091	IC1-100925	10/9/2025 11:29	10 RM/IZ
STD4	0.993	1.497	1.496	4.994	1.249	2.669	7.507	IC1-100925	10/9/2025 11:51	10 RM/IZ
STD5	1.954	2.923	2.922	9.773	2.435	4.828	14.557	IC1-100925	10/9/2025 12:12	10 RM/IZ
STD6	3.928	5.923	5.920	19.752	4.934	9.517	29.510	IC1-100925	10/9/2025 12:34	10 RM/IZ
STD7	5.072	7.585	7.589	25.268	6.323	12.920	37.537	IC1-100925	10/9/2025 12:55	10 RM/IZ
ICV	1.970	2.918	2.942	9.842	2.398	5.003	14.702	IC1-100925	10/9/2025 13:16	10 RM/IZ
ICB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/9/2025 13:38	10 RM/IZ
CCV	2.027	2.984	3.012	10.100	2.458	5.138	15.077	IC1-100925	10/16/2025 10:11	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/16/2025 10:33	10 RM/IZ
LB137567BLW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/16/2025 10:54	10 RM/IZ
LB137567BSW	2.026	2.988	3.010	10.104	2.464	5.220	15.145	IC1-100925	10/16/2025 11:16	10 RM/IZ
Q3365-01	0.312	7193.421	0.000	1.888	0.000	0.000	241.656	IC1-100925	10/16/2025 14:17	10 RM/IZ
Q3365-02	0.306	5371.827	0.000	0.595	0.092	0.000	152.395	IC1-100925	10/16/2025 14:39	10 RM/IZ
Q3365-03	0.205	304.347	0.000	0.000	1.231	0.000	24.399	IC1-100925	10/16/2025 15:01	10 RM/IZ
Q3365-04	0.145	304.705	0.000	0.272	0.551	0.000	16.078	IC1-100925	10/16/2025 15:22	10 RM/IZ
Q3365-05	0.164	493.371	0.000	0.289	1.843	0.000	30.317	IC1-100925	10/16/2025 15:44	10 RM/IZ
Q3365-05MS	2.088	470.726	2.937	9.990	4.137	4.668	43.910	IC1-100925	10/16/2025 16:05	10 RM/IZ
Q3365-05MSD	2.095	472.365	2.915	9.889	4.118	5.001	43.955	IC1-100925	10/16/2025 16:27	10 RM/IZ
Q3365-01DLX100	0.272	49.688	0.000	0.000	0.000	0.000	2.279	IC1-100925	10/16/2025 17:01	10 RM/IZ
CCV	0.988	2.998	3.041	10.162	2.472	1.035	15.001	IC1-100925	10/16/2025 17:23	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/16/2025 17:45	10 RM/IZ
Q3365-02DLX100	0.000	36.253	0.000	0.000	0.000	0.000	1.688	IC1-100925	10/16/2025 19:11	10 RM/IZ
Q3365-03DLX100	0.000	2.105	0.000	0.000	0.000	0.000	0.665	IC1-100925	10/16/2025 19:54	10 RM/IZ
Q3365-04DLX100	0.000	2.093	0.000	0.000	0.000	0.000	0.574	IC1-100925	10/16/2025 20:15	10 RM/IZ
Q3365-05DLX100	0.000	3.197	0.000	0.000	0.000	0.000	0.707	IC1-100925	10/16/2025 20:37	10 RM/IZ
CCV	2.036	3.011	3.030	10.162	2.474	5.253	15.217	IC1-100925	10/16/2025 20:58	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/16/2025 21:20	10 RM/IZ

CCV	2.055	3.021	3.028	10.176	2.473	4.623	15.298	IC1-100925	10/17/2025 10:15	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/17/2025 10:36	10 RM/IZ
LB137567BLW2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/17/2025 10:58	10 RM/IZ
LB137567BSW2	2.057	3.047	3.042	10.258	2.494	4.739	15.399	IC1-100925	10/17/2025 11:19	10 RM/IZ
Q3365-01DL2X1000	0.000	4.236	0.000	0.000	0.000	0.000	0.607	IC1-100925	10/17/2025 11:41	10 RM/IZ
Q3365-02DL2X1000	0.000	3.204	0.000	0.000	0.000	0.000	0.579	IC1-100925	10/17/2025 12:02	10 RM/IZ
CCV	2.043	3.020	3.029	10.175	2.474	4.757	15.262	IC1-100925	10/17/2025 12:24	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/17/2025 12:45	10 RM/IZ

Clear table

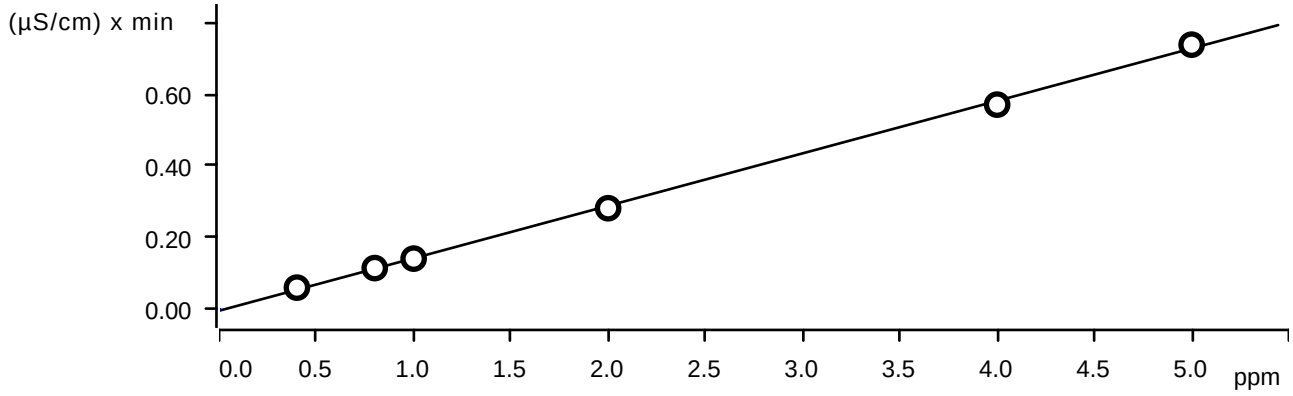
Instrument ID: IC-2 Analyst : IZ Method: 300.0 / 9056A

ident	concentration F-	concentration CL-	concentration NO2	concentration BR-	concentration NO3	concentration HPO4	concentration SO4	file name	date time	Initial wt/ Final	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-100925	10/9/2025 10:46	10	RM/IZ
STD2	0.4400	0.6460	0.6520	2.1410	0.5410	1.1180	3.2990	IC1-100925	10/9/2025 11:08	10	RM/IZ
STD3	0.8130	1.2250	1.2220	4.0730	1.0190	1.9470	6.0910	IC1-100925	10/9/2025 11:29	10	RM/IZ
STD4	0.9930	1.4970	1.4960	4.9940	1.2490	2.6690	7.5070	IC1-100925	10/9/2025 11:51	10	RM/IZ
STD5	1.9540	2.9230	2.9220	9.7730	2.4350	4.8280	14.5570	IC1-100925	10/9/2025 12:12	10	RM/IZ
STD6	3.9280	5.9230	5.9200	19.7520	4.9340	9.5170	29.5100	IC1-100925	10/9/2025 12:34	10	RM/IZ
STD7	5.0720	7.5850	7.5890	25.2680	6.3230	12.9200	37.5370	IC1-100925	10/9/2025 12:55	10	RM/IZ

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

ident	Relative Error F-	Relative Error CL-	Relative Error NO2	Relative Error BR-	Relative Error NO3	Relative Error HPO4	Relative Error SO4
STD1							
STD2	10.0000	7.6667	8.6667	7.0500	8.2000	11.8000	9.9667
STD3	1.6250	2.0833	1.8333	1.8250	1.9000	-2.6500	1.5167
STD4	-0.7000	-0.2000	-0.2667	-0.1200	-0.0800	6.7600	0.0933
STD5	-2.3000	-2.5667	-2.6000	-2.2700	-2.6000	-3.4400	-2.9533
STD6	-1.8000	-1.2833	-1.3333	-1.2400	-1.3200	-4.8300	-1.6333
STD7	1.4400	1.1333	1.1867	1.0720	1.1680	3.3600	1.4514

Fluoride (Anions)



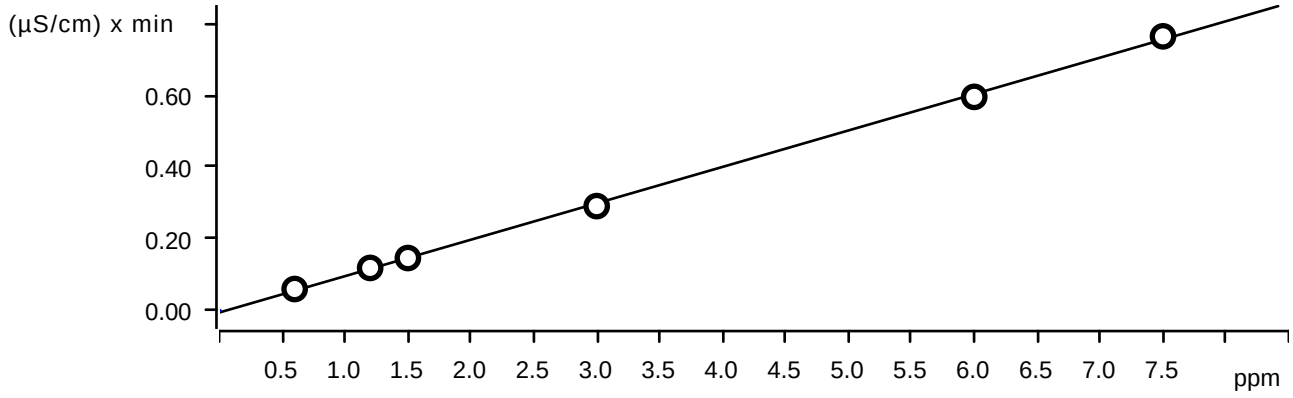
Function: . . . . . *A = - 3.86859E-3 + 0.0146255× Q*

Relative standard deviation . . . . . *2.744994 %*

Correlation coefficient *0.999599*

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.061	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.115	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.141	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.282	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.571	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.738	STD7	2025-10-09 12:55:27 UTC-4	used

Chloride (Anions)



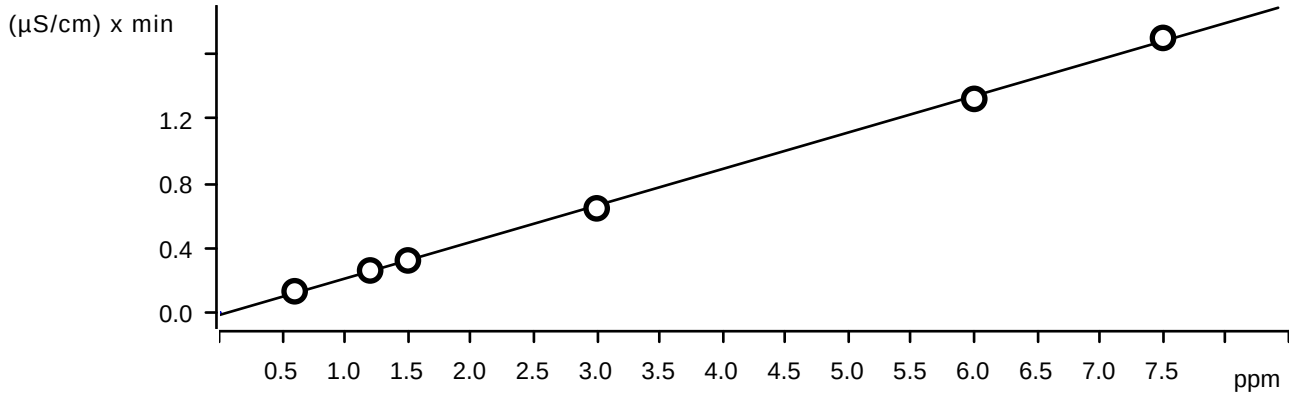
Function: . . . . . *A = - 5.87555E-3 + 0.0101528× Q*

Relative standard deviation . . . . . *2.276543 %*

Correlation coefficient *0.999727*

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.060	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.119	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.146	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.291	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.596	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.764	STD7	2025-10-09 12:55:27 UTC-4	used

Nitrite (Anions)



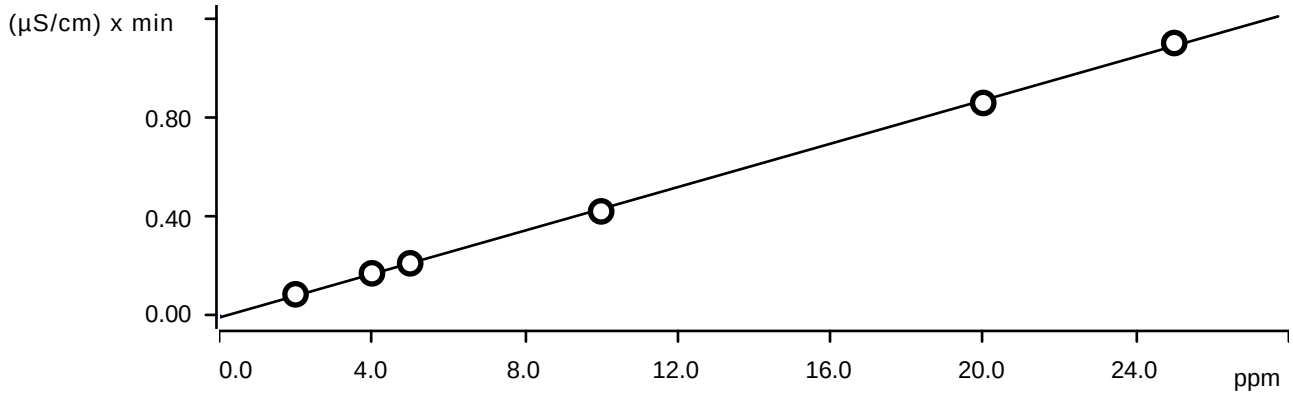
Function: . . . . . *A = - 0.0165604 + 0.0226258× Q*

Relative standard deviation . . . . . *2.379226 %*

Correlation coefficient *0.999705*

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.131	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.260	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.322	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.645	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.323	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.700	STD7	2025-10-09 12:55:27 UTC-4	used

Bromide (Anions)



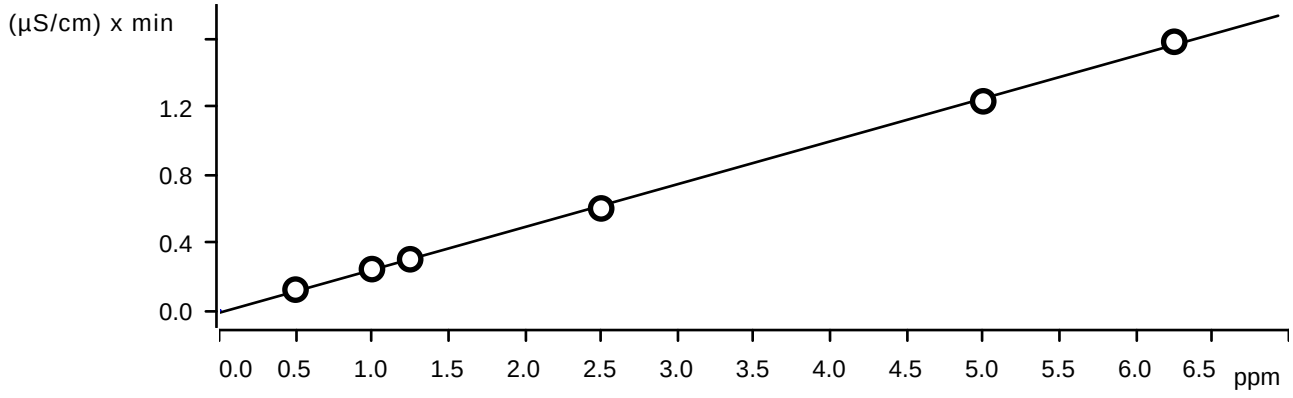
Function: . . . . . *A = - 6.89623E-3 + 4.37562E-3× Q*

Relative standard deviation . . . . . *2.114692 %*

Correlation coefficient *0.999763*

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.087	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.171	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.212	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.421	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.857	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.099	STD7	2025-10-09 12:55:27 UTC-4	used

Nitrate (Anions)



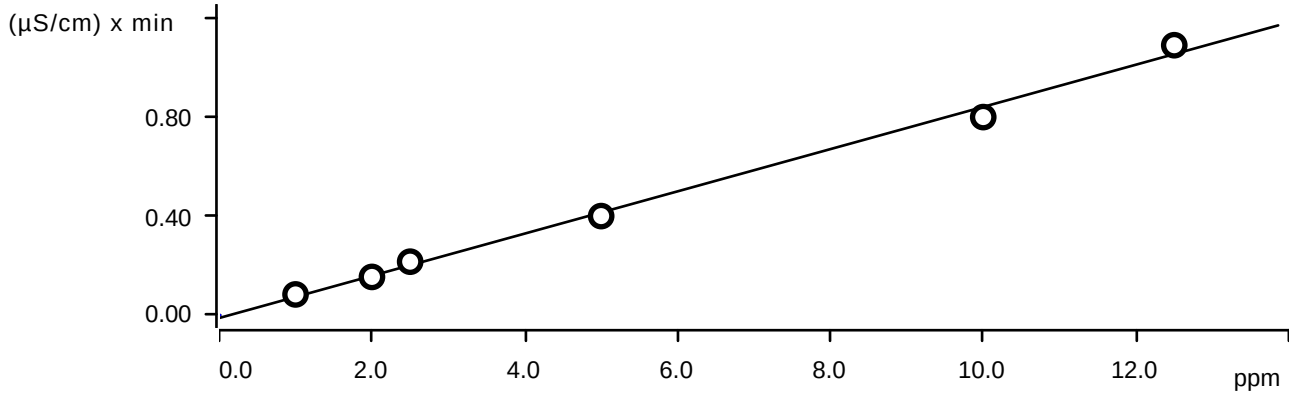
Function: . . . . . *A = - 0.0141807 + 0.0252306× Q*

Relative standard deviation . . . . . *2.346972 %*

Correlation coefficient *0.999712*

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.122	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.243	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.301	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.600	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.231	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.581	STD7	2025-10-09 12:55:27 UTC-4	used

Phosphate (Anions)



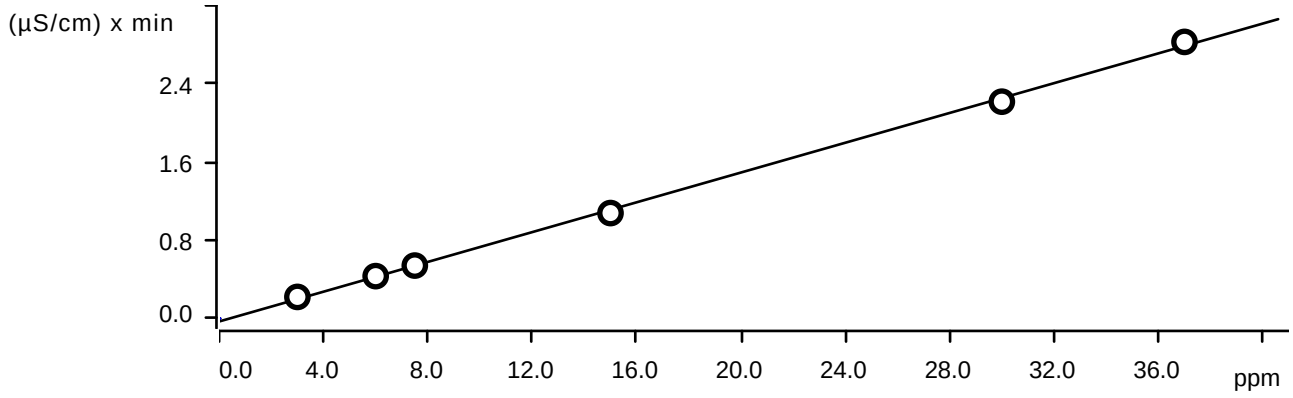
Function: . . . . . *A = - 0.0117521 + 8.50315E-3× Q*

Relative standard deviation . . . . . *6.489714 %*

Correlation coefficient *0.997825*

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.083	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.154	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.215	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.399	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.798	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.087	STD7	2025-10-09 12:55:27 UTC-4	used

Sulfate (Anions)



Function: . . . . . *A = - 0.0307148 + 7.61403E-3× Q*

Relative standard deviation . . . . . *2.830893 %*

Correlation coefficient *0.999580*

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.220	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.433	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	7.500	10.0	1.0	1.0	0.541	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	15.000	10.0	1.0	1.0	1.078	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	30.000	10.0	1.0	1.0	2.216	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	37.000	10.0	1.0	1.0	2.827	STD7	2025-10-09 12:55:27 UTC-4	used

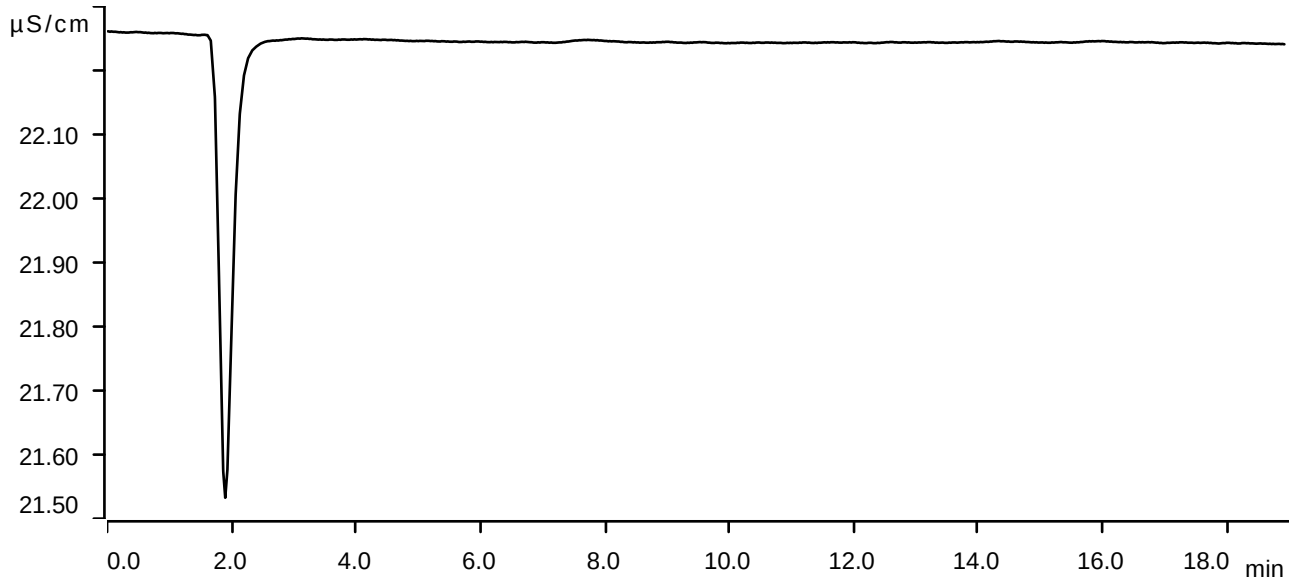
Sample data

Ident	STD1
Sample type	Standard 1
Determination start	2025-10-09 10:46:54 UTC-4
Method	IC1-100925
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	13.57	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



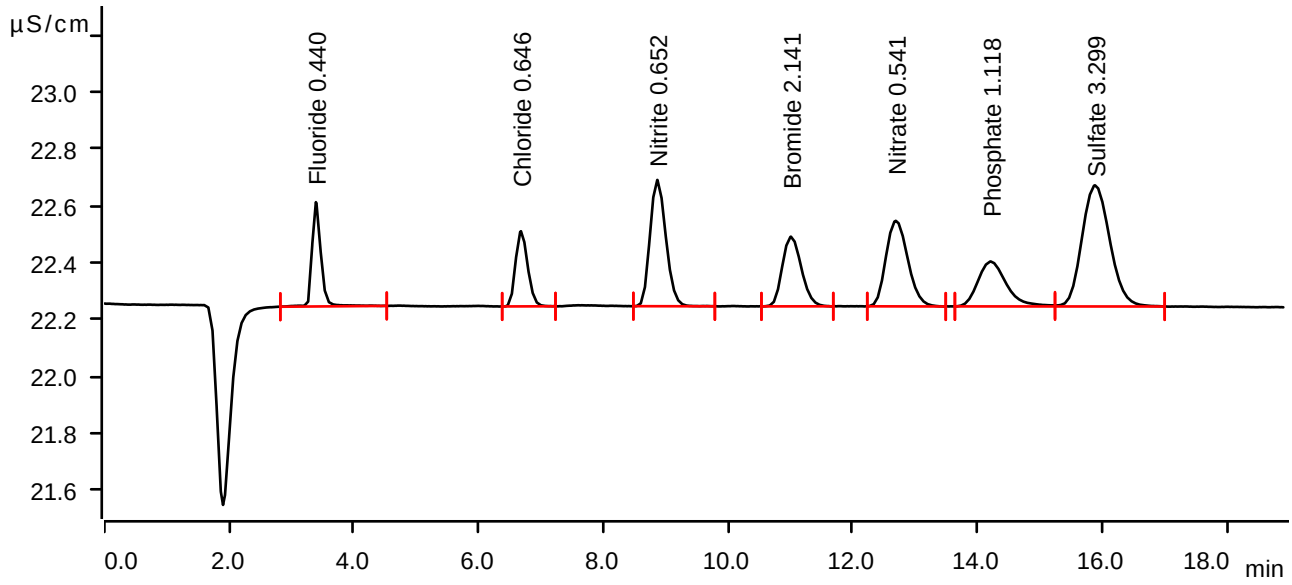
Sample data

Ident	STD2
Sample type	Standard 2
Determination start	2025-10-09 11:08:18 UTC-4
Method	IC1-100925
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	3.392	0.0605	0.366	0.440	Fluoride
2	6.680	0.0597	0.264	0.646	Chloride
3	8.865	0.1310	0.444	0.652	Nitrite
4	11.008	0.0868	0.245	2.141	Bromide
5	12.692	0.1222	0.301	0.541	Nitrate
6	14.212	0.0833	0.158	1.118	Phosphate
7	15.883	0.2204	0.426	3.299	Sulfate

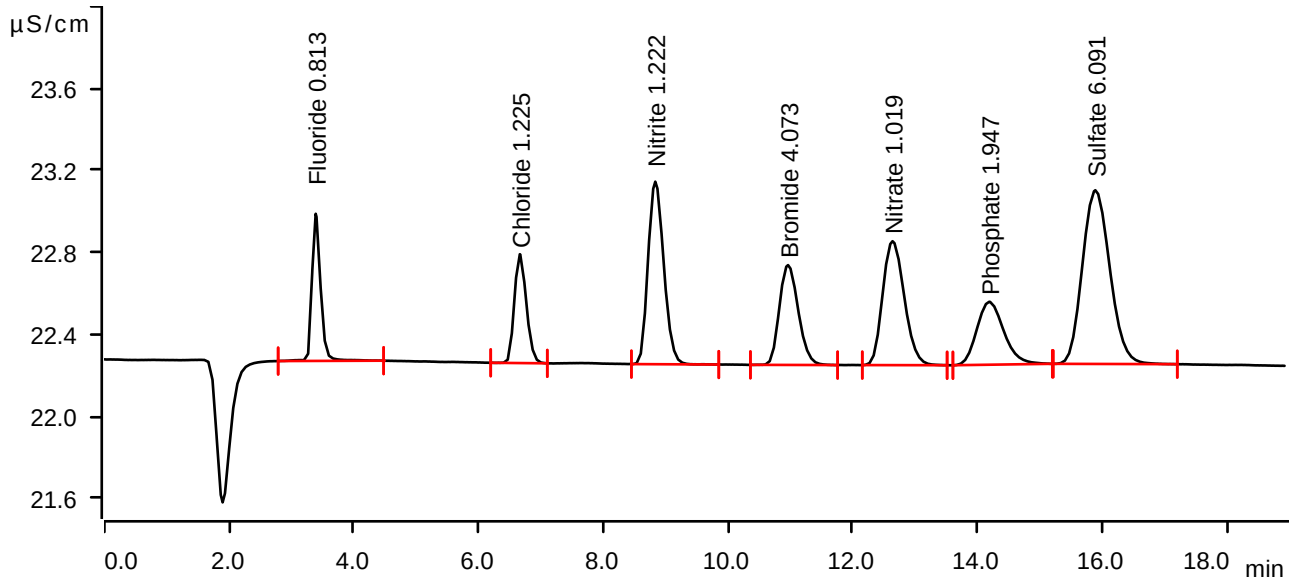
Sample data

Ident	STD3
Sample type	Standard 3
Determination start	2025-10-09 11:29:42 UTC-4
Method	IC1-100925
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	13.63	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	0.1150	0.718	0.813	Fluoride
2	6.662	0.1185	0.531	1.225	Chloride
3	8.833	0.2598	0.891	1.222	Nitrite
4	10.962	0.1713	0.487	4.073	Bromide
5	12.637	0.2429	0.605	1.019	Nitrate
6	14.187	0.1538	0.307	1.947	Phosphate
7	15.888	0.4330	0.848	6.091	Sulfate

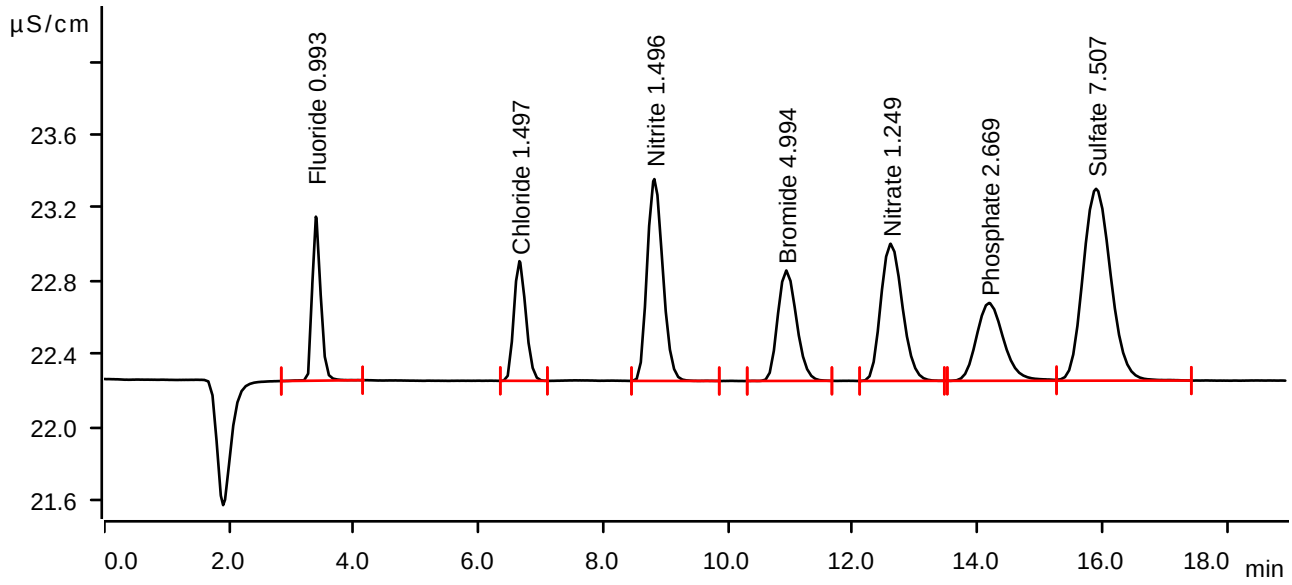
Sample data

Ident	STD4
Sample type	Standard 4
Determination start	2025-10-09 11:51:08 UTC-4
Method	IC1-100925
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	3.392	0.1414	0.897	0.993	Fluoride
2	6.655	0.1461	0.654	1.497	Chloride
3	8.818	0.3220	1.103	1.496	Nitrite
4	10.933	0.2116	0.604	4.994	Bromide
5	12.607	0.3009	0.750	1.249	Nitrate
6	14.185	0.2152	0.426	2.669	Phosphate
7	15.900	0.5409	1.049	7.507	Sulfate

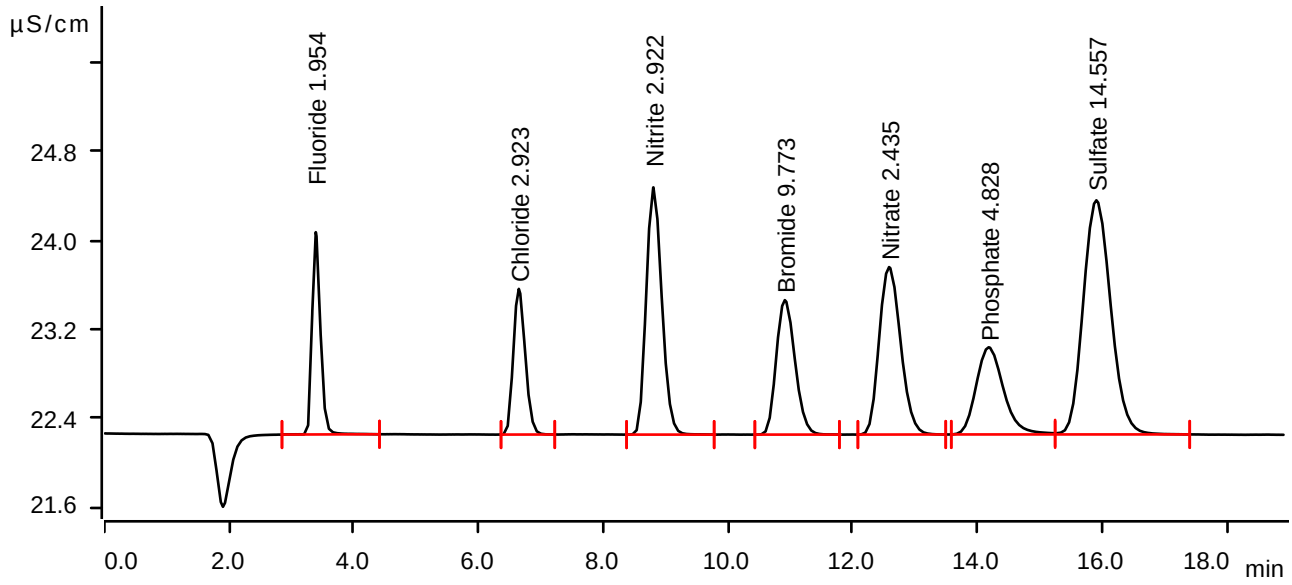
Sample data

Ident	STD5
Sample type	Standard 5
Determination start	2025-10-09 12:12:34 UTC-4
Method	IC1-100925
Operator	

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.390	0.2819	1.816	1.954	Fluoride
2	6.645	0.2909	1.308	2.923	Chloride
3	8.803	0.6446	2.221	2.922	Nitrite
4	10.910	0.4207	1.208	9.773	Bromide
5	12.582	0.6001	1.504	2.435	Nitrate
6	14.178	0.3988	0.783	4.828	Phosphate
7	15.905	1.0776	2.103	14.557	Sulfate

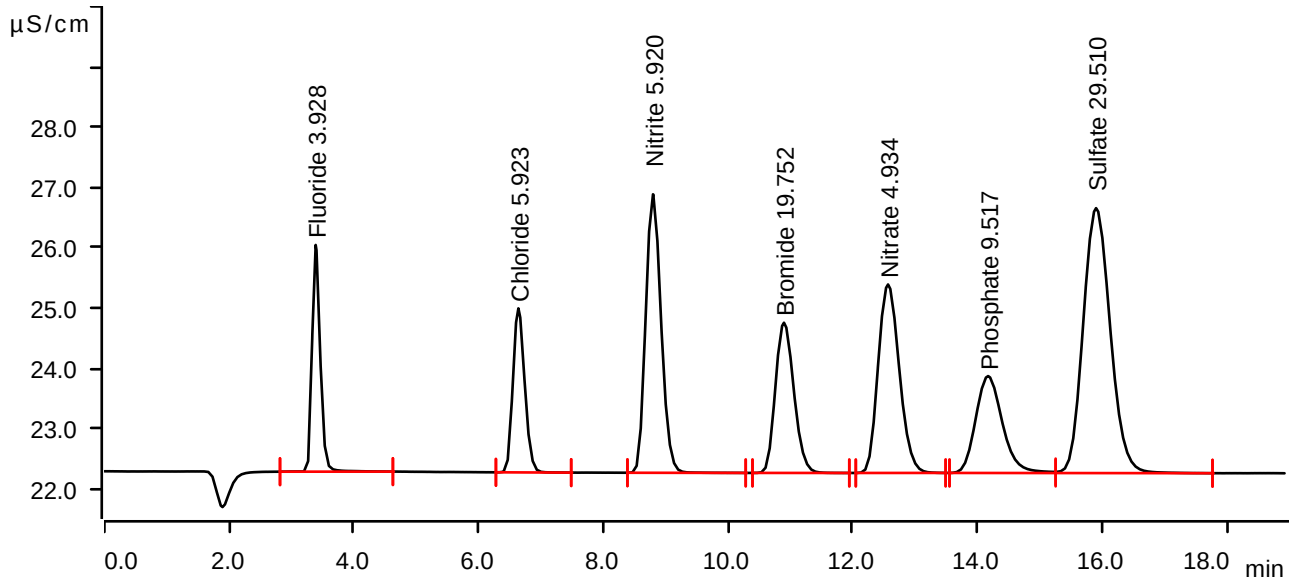
Sample data

Ident	STD6
Sample type	Standard 6
Determination start	2025-10-09 12:34:00 UTC-4
Method	IC1-100925
Operator	

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.388	0.5707	3.761	3.928	Fluoride
2	6.638	0.5955	2.722	5.923	Chloride
3	8.797	1.3228	4.622	5.920	Nitrite
4	10.897	0.8574	2.493	19.752	Bromide
5	12.565	1.2307	3.128	4.934	Nitrate
6	14.170	0.7975	1.608	9.517	Phosphate
7	15.900	2.2162	4.397	29.510	Sulfate

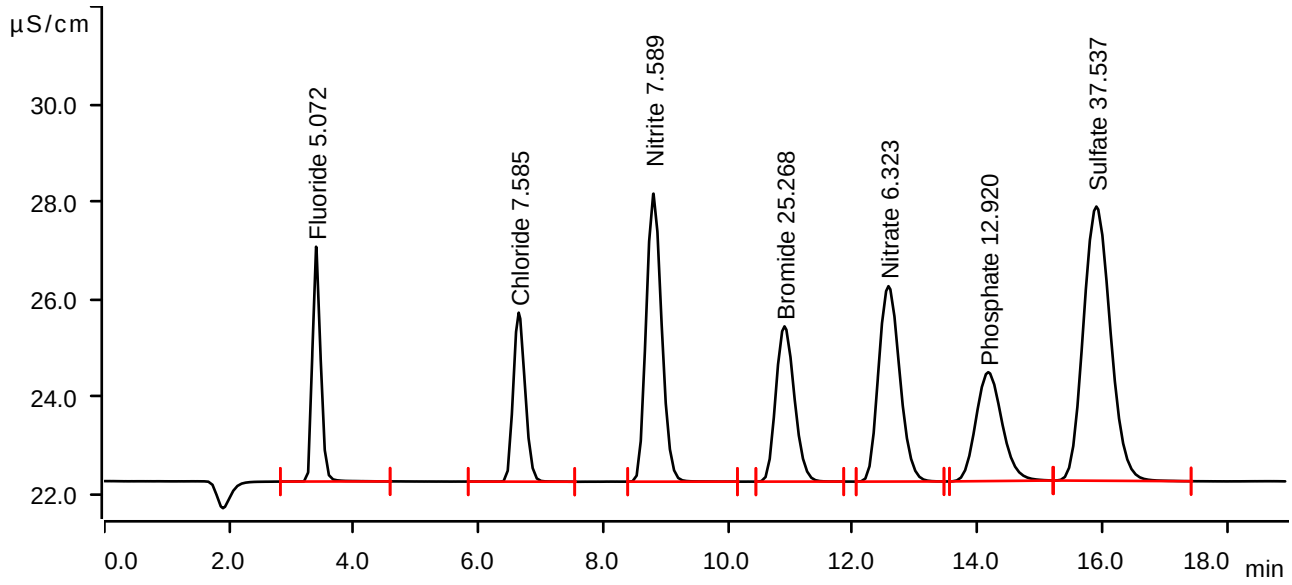
Sample data

Ident	STD7
Sample type	Standard 7
Determination start	2025-10-09 12:55:27 UTC-4
Method	IC1-100925
Operator	

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.395	0.7379	4.813	5.072	Fluoride
2	6.643	0.7642	3.464	7.585	Chloride
3	8.805	1.7004	5.904	7.589	Nitrite
4	10.905	1.0987	3.182	25.268	Bromide
5	12.572	1.5811	4.005	6.323	Nitrate
6	14.172	1.0869	2.232	12.920	Phosphate
7	15.905	2.8273	5.621	37.537	Sulfate

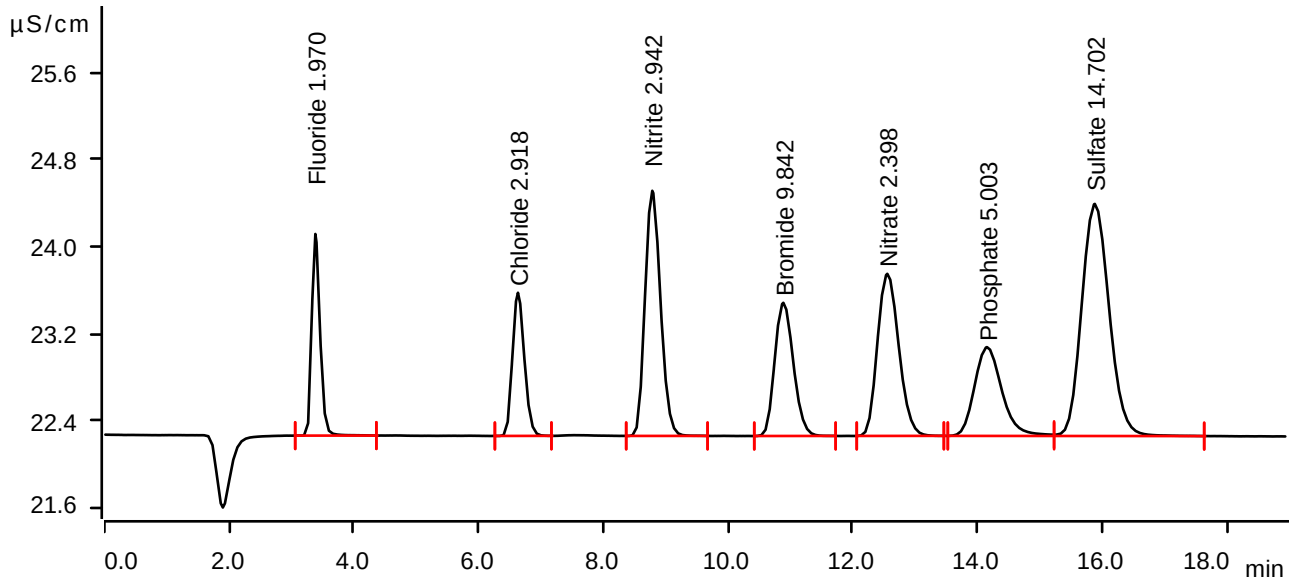
Sample data

Ident	ICV
Sample type	Check standard 1
Determination start	2025-10-09 13:16:55 UTC-4
Method	IC1-100925
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	3.383	0.2843	1.850	1.970	Fluoride
2	6.632	0.2904	1.314	2.918	Chloride
3	8.785	0.6491	2.249	2.942	Nitrite
4	10.887	0.4238	1.222	9.842	Bromide
5	12.553	0.5909	1.487	2.398	Nitrate
6	14.152	0.4137	0.815	5.003	Phosphate
7	15.880	1.0887	2.130	14.702	Sulfate

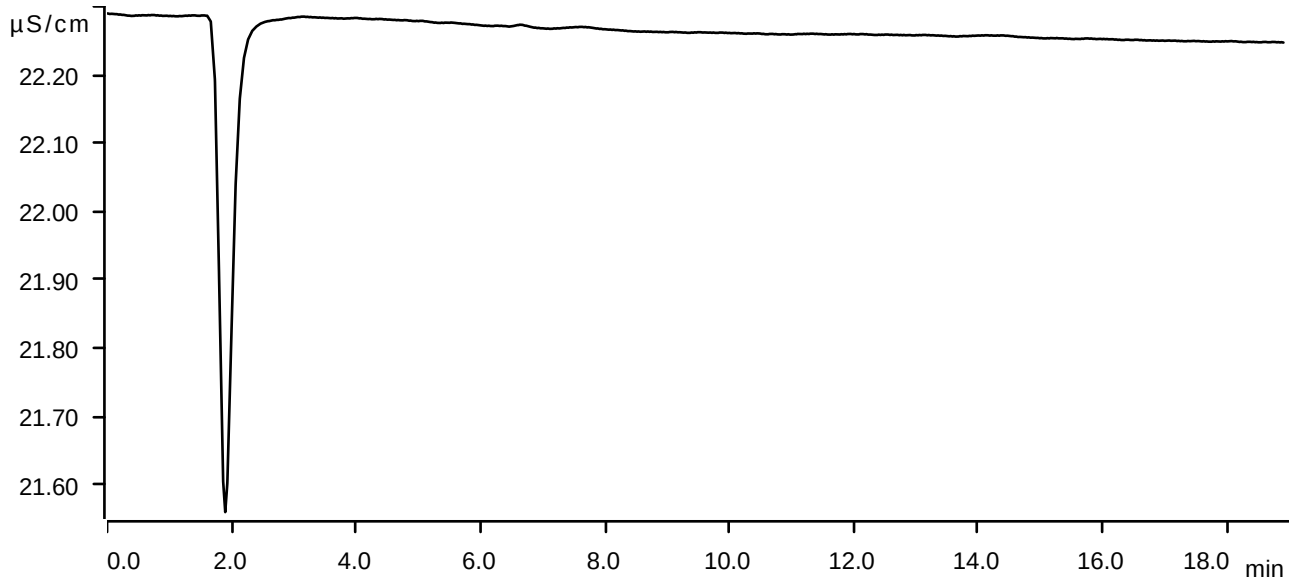
Sample data

Ident	ICB
Sample type	Sample
Determination start	2025-10-09 13:38:24 UTC-4
Method	IC1-100925
Operator	

Anions

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

Anions



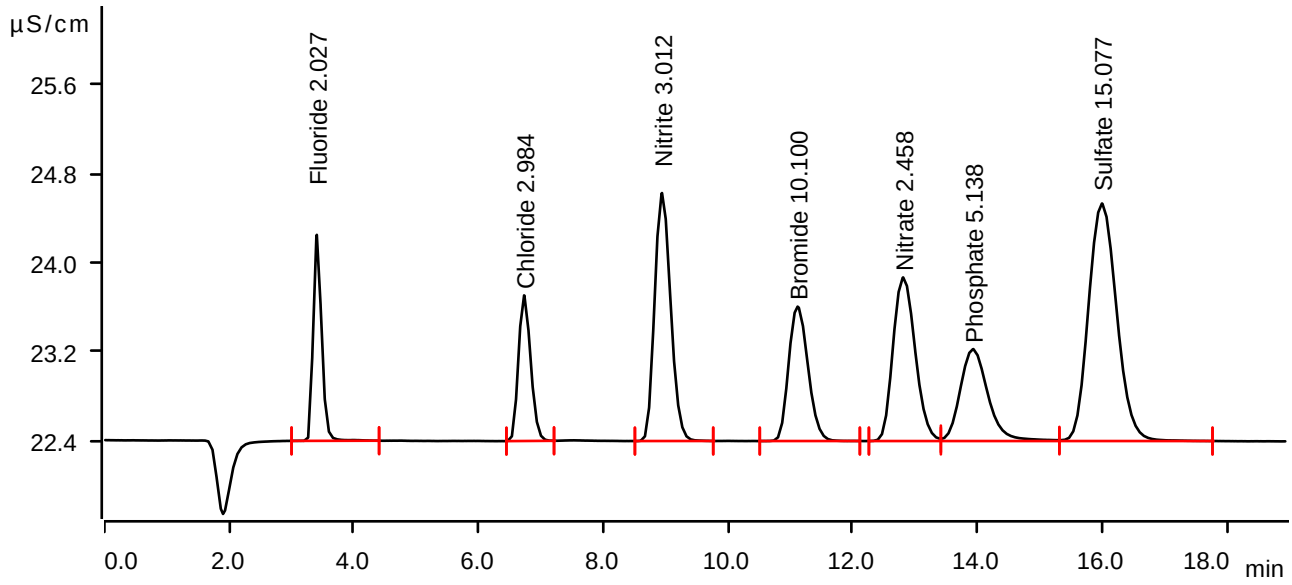
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-10-16 10:11:51 UTC-4
Method	IC1-100925
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	13.57	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.407	0.2926	1.850	2.027	Fluoride
2	6.730	0.2971	1.308	2.984	Chloride
3	8.942	0.6649	2.227	3.012	Nitrite
4	11.115	0.4350	1.207	10.100	Bromide
5	12.808	0.6060	1.469	2.458	Nitrate
6	13.927	0.4252	0.826	5.138	Phosphate
7	15.993	1.1172	2.133	15.077	Sulfate

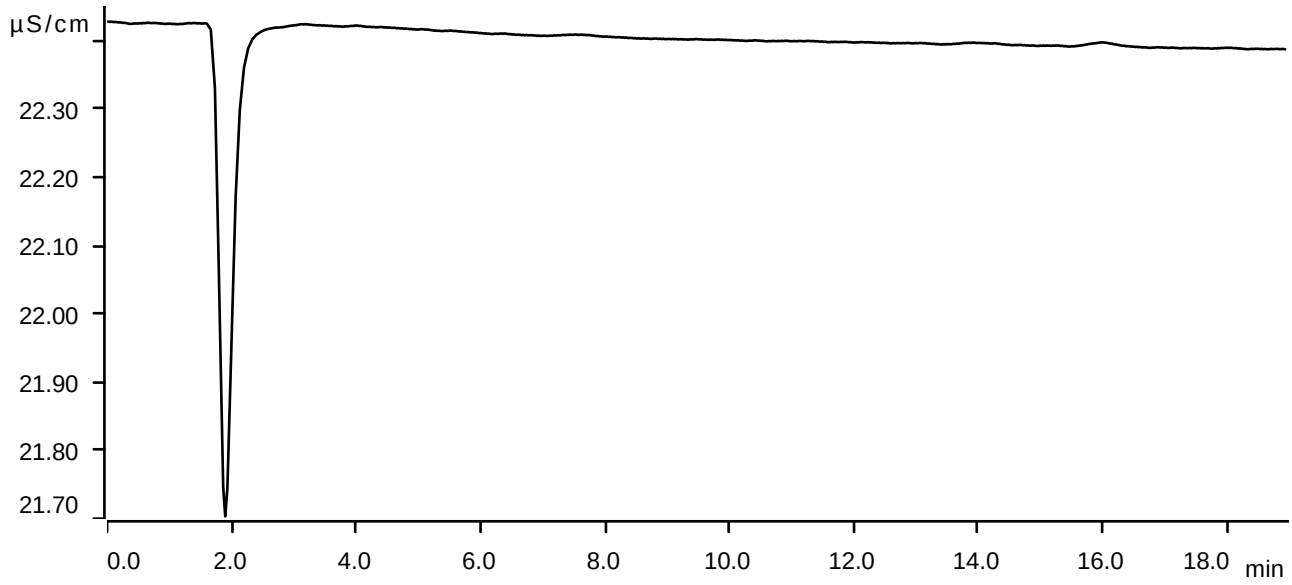
Sample data

Ident	CCB
Sample type	Sample
Determination start	2025-10-16 10:33:21 UTC-4
Method	IC1-100925
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



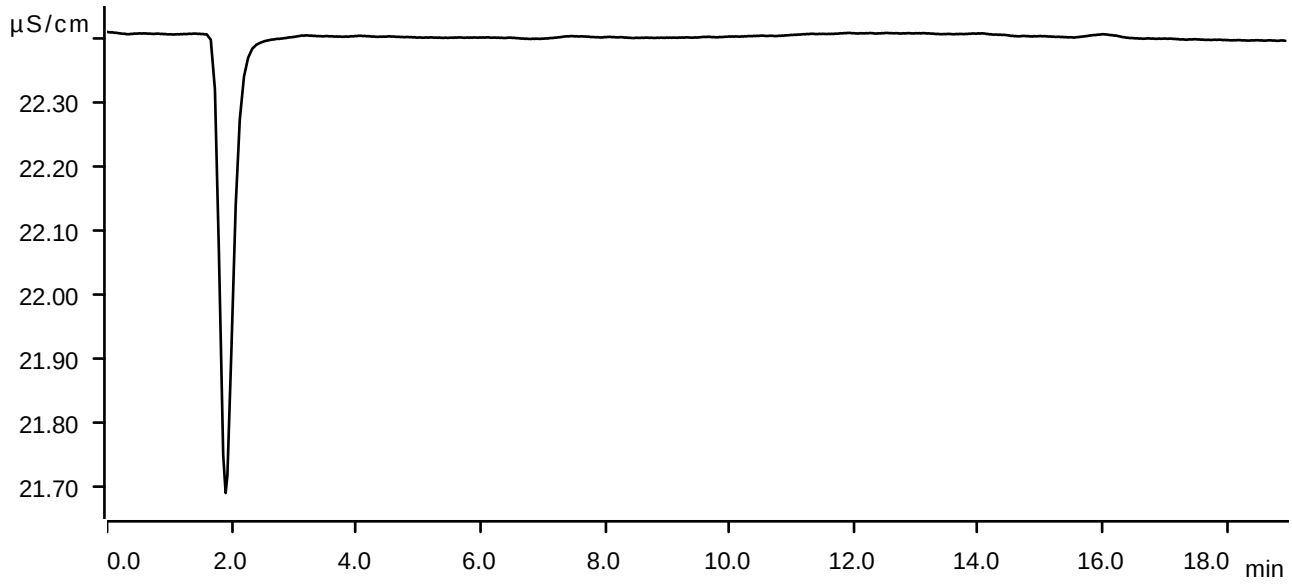
Sample data

Ident	LB137567BLW
Sample type	Sample
Determination start	2025-10-16 10:54:51 UTC-4
Method	IC1-100925
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



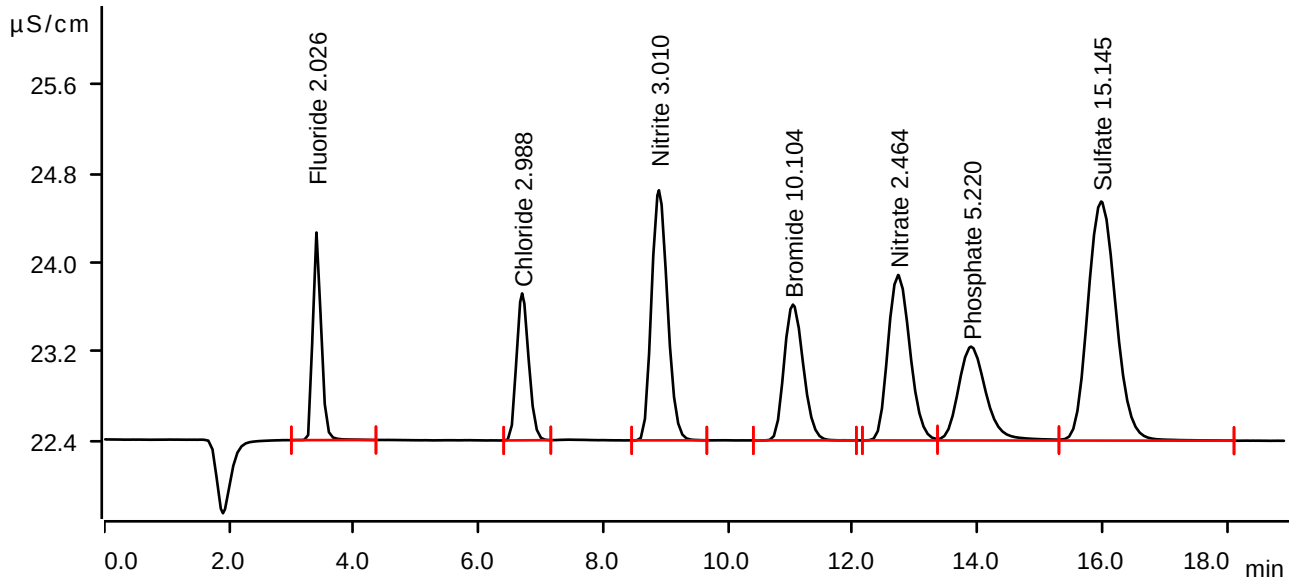
Sample data

Ident	LB137567BSW
Sample type	Check standard 1
Determination start	2025-10-16 11:16:23 UTC-4
Method	IC1-100925
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	3.400	0.2924	1.864	2.026	Fluoride
2	6.698	0.2975	1.320	2.988	Chloride
3	8.892	0.6645	2.246	3.010	Nitrite
4	11.040	0.4352	1.220	10.104	Bromide
5	12.727	0.6074	1.486	2.464	Nitrate
6	13.895	0.4322	0.843	5.220	Phosphate
7	15.982	1.1225	2.147	15.145	Sulfate

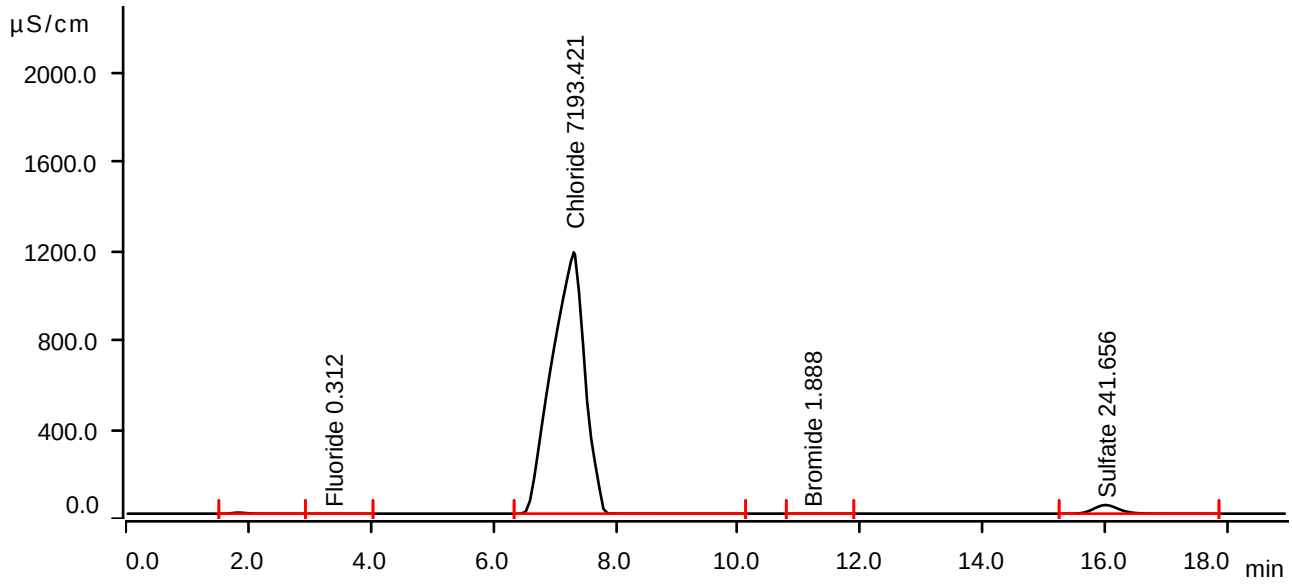
Sample data

Ident	Q3365-01
Sample type	Sample
Determination start	2025-10-16 14:17:55 UTC-4
Method	IC1-100925
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	13.74	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	1.837	1.2735	4.684	invalid	
2	3.382	0.0417	0.168	0.312	Fluoride
3	7.317	730.3286	1173.520	7193.421	Chloride
4	11.200	0.0757	0.221	1.888	Bromide
5	15.998	18.3691	38.779	241.656	Sulfate

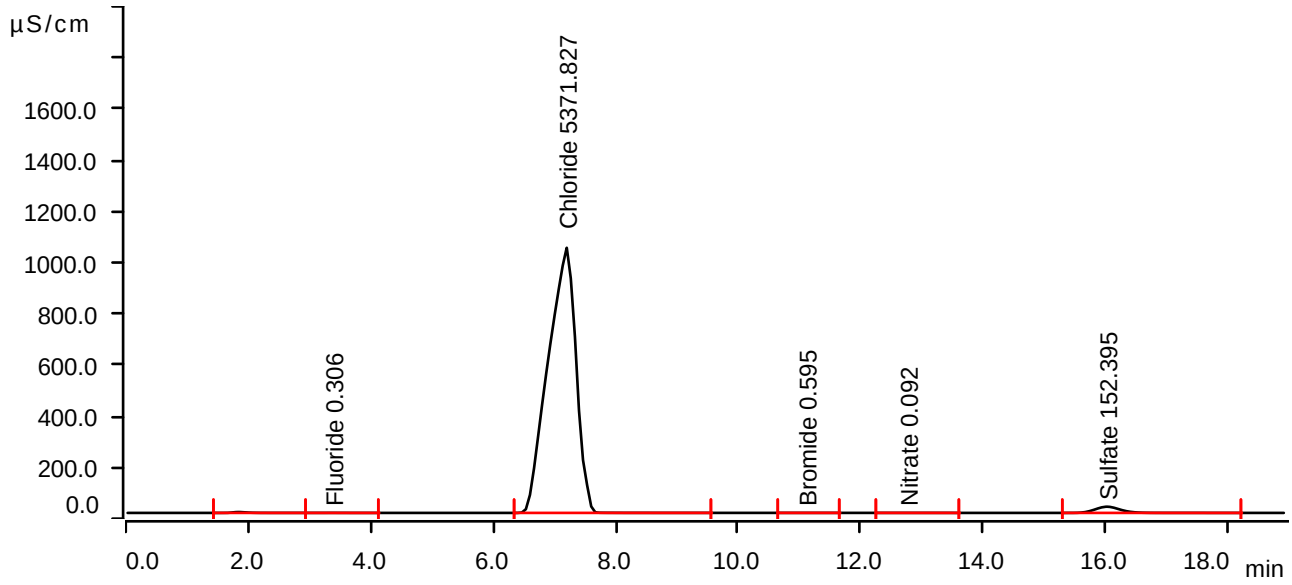
Sample data

Ident	Q3365-02
Sample type	Sample
Determination start	2025-10-16 14:39:33 UTC-4
Method	IC1-100925
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	1.842	0.9119	3.392	invalid	
2	3.387	0.0409	0.181	0.306	Fluoride
3	7.202	545.3856	1035.070	5371.827	Chloride
4	11.115	0.0191	0.057	0.595	Bromide
5	12.770	0.0090	0.022	0.092	Nitrate
6	16.023	11.5727	24.229	152.395	Sulfate

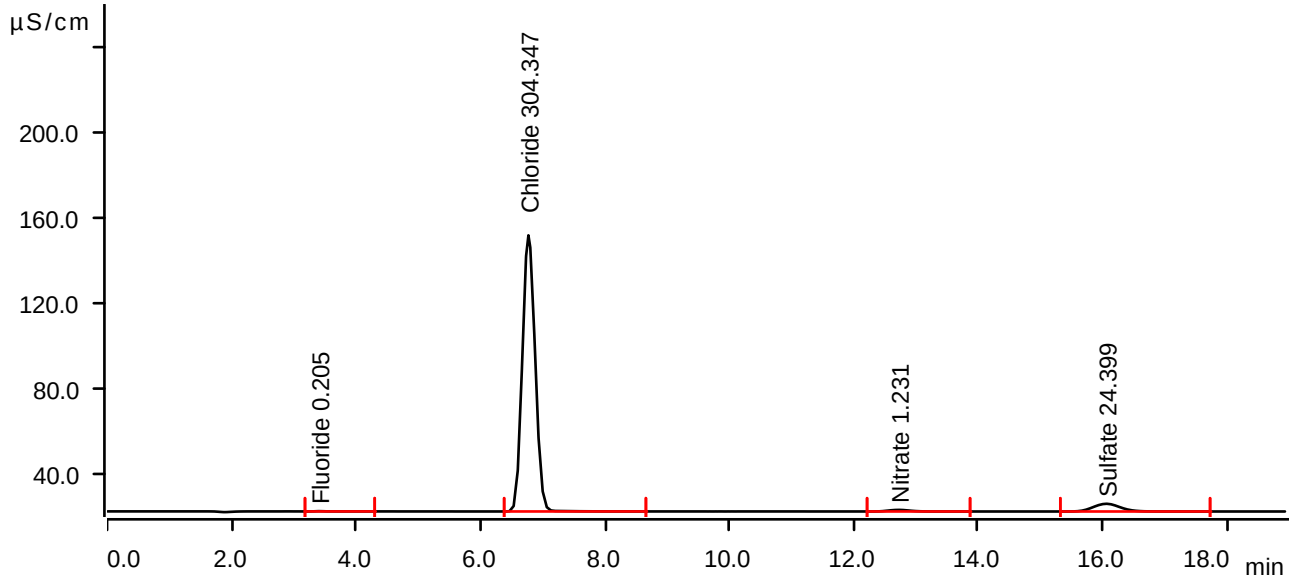
Sample data

Ident	Q3365-03
Sample type	Sample
Determination start	2025-10-16 15:01:07 UTC-4
Method	IC1-100925
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	3.407	0.0261	0.136	0.205	Fluoride
2	6.772	30.8939	129.378	304.347	Chloride
3	12.723	0.2965	0.744	1.231	Nitrate
4	16.058	1.8270	3.611	24.399	Sulfate

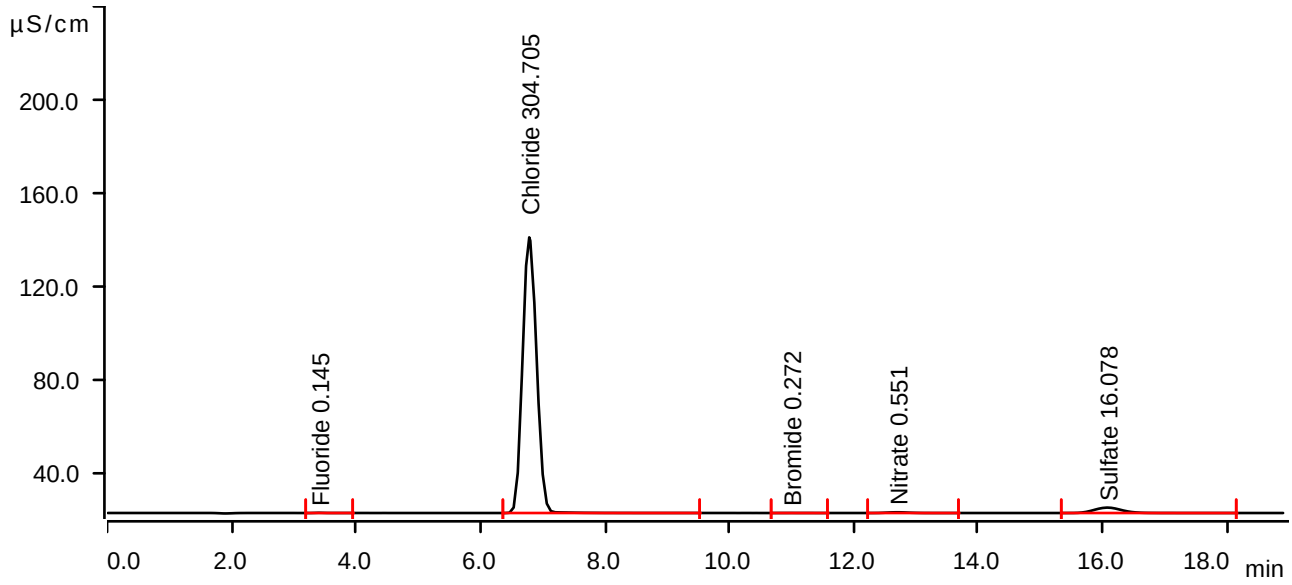
Sample data

Ident	Q3365-04
Sample type	Sample
Determination start	2025-10-16 15:22:41 UTC-4
Method	IC1-100925
Operator	

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.410	0.0174	0.101	0.145	Fluoride
2	6.785	30.9302	118.394	304.705	Chloride
3	10.995	0.0050	0.014	0.272	Bromide
4	12.700	0.1248	0.311	0.551	Nitrate
5	16.077	1.1935	2.324	16.078	Sulfate

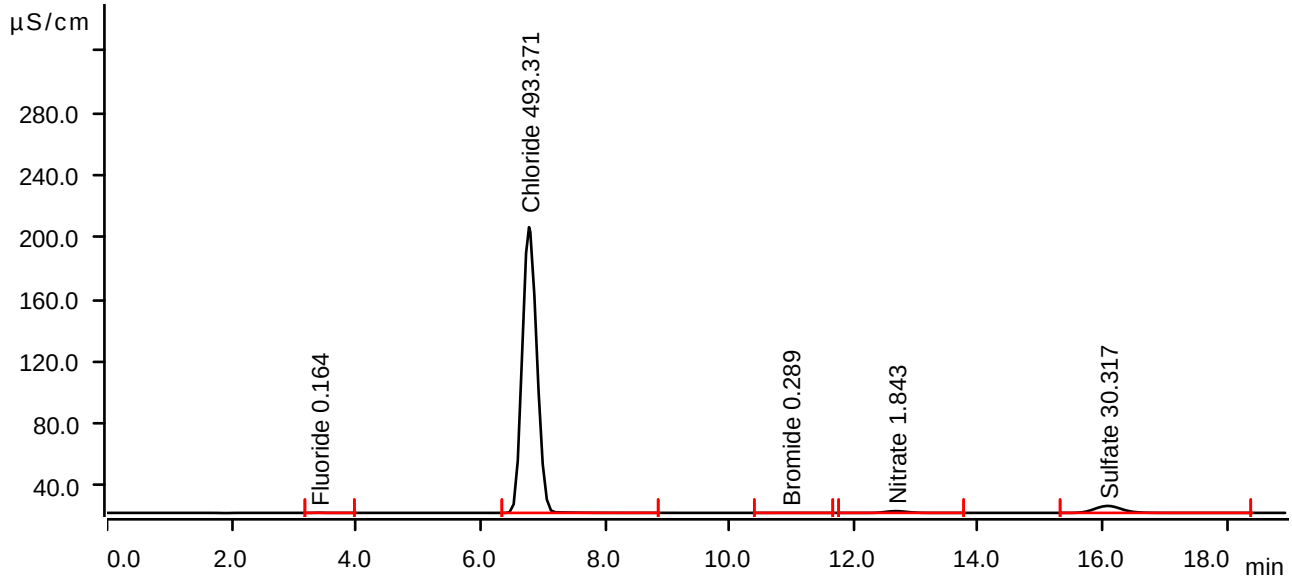
Sample data

Ident	Q3365-05
Sample type	Sample
Determination start	2025-10-16 15:44:16 UTC-4
Method	IC1-100925
Operator	

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.405	0.0201	0.118	0.164	Fluoride
2	6.782	50.0852	184.084	493.371	Chloride
3	10.977	0.0057	0.016	0.289	Bromide
4	12.680	0.4508	1.136	1.843	Nitrate
5	16.082	2.2777	4.497	30.317	Sulfate

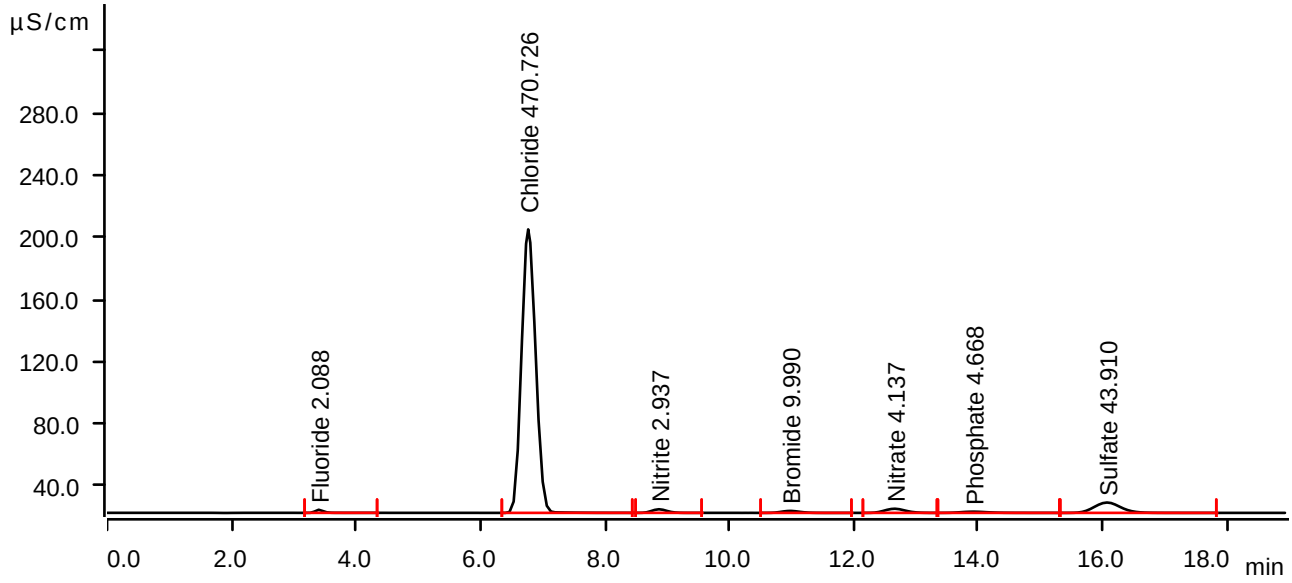
Sample data

Ident	Q3365-05MS
Sample type	Sample
Determination start	2025-10-16 16:05:51 UTC-4
Method	IC1-100925
Operator	

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.403	0.3015	1.971	2.088	Fluoride
2	6.768	47.7861	182.638	470.726	Chloride
3	8.872	0.6480	2.305	2.937	Nitrite
4	10.978	0.4302	1.260	9.990	Bromide
5	12.657	1.0296	2.653	4.137	Nitrate
6	13.922	0.3852	0.762	4.668	Phosphate
7	16.070	3.3126	6.673	43.910	Sulfate

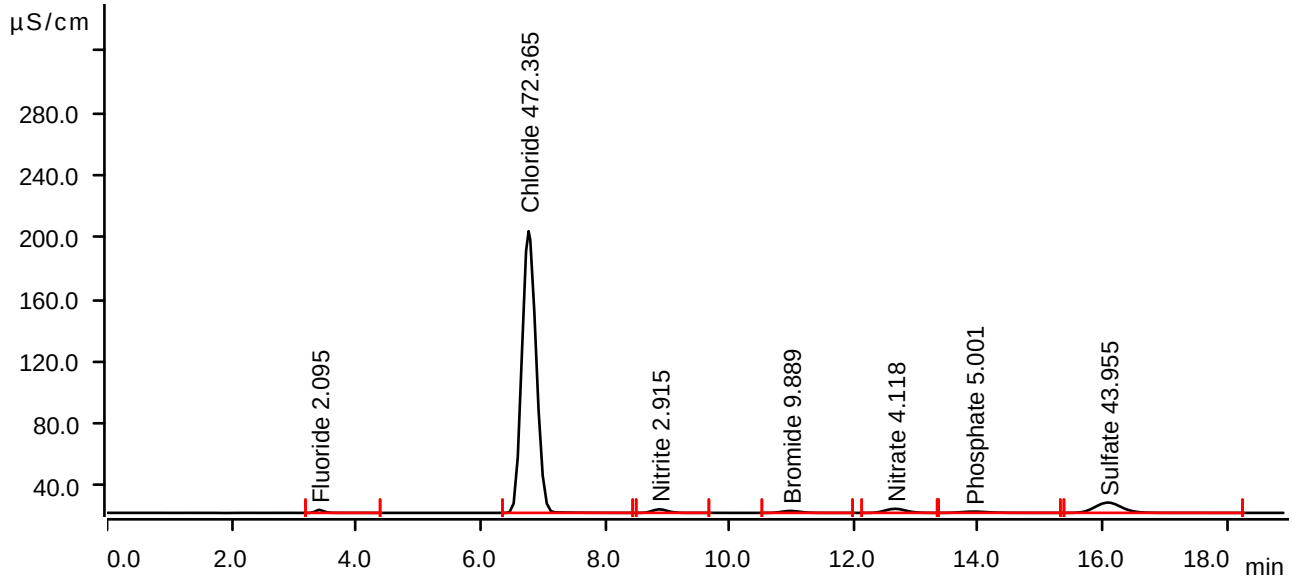
Sample data

Ident	Q3365-05MSD
Sample type	Sample
Determination start	2025-10-16 16:27:25 UTC-4
Method	IC1-100925
Operator	

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.410	0.3025	1.948	2.095	Fluoride
2	6.775	47.9524	181.503	472.365	Chloride
3	8.878	0.6431	2.269	2.915	Nitrite
4	10.987	0.4258	1.240	9.889	Bromide
5	12.665	1.0248	2.627	4.118	Nitrate
6	13.930	0.4135	0.818	5.001	Phosphate
7	16.085	3.3160	6.632	43.955	Sulfate

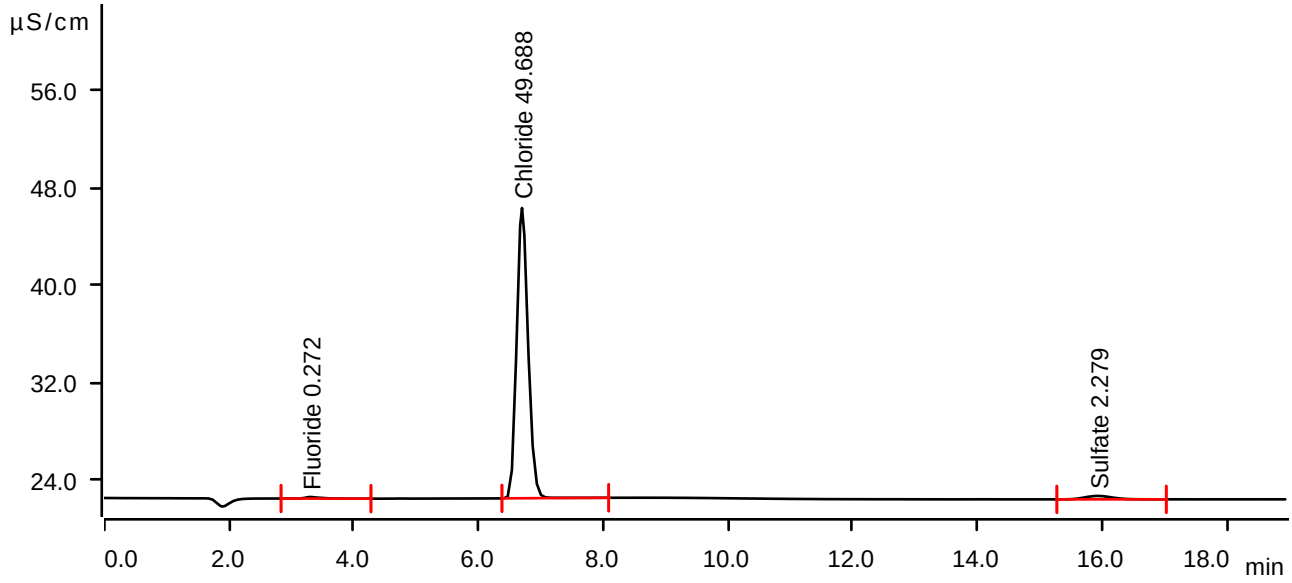
Sample data

Ident	Q3365-01DLX100
Sample type	Sample
Determination start	2025-10-16 17:01:31 UTC-4
Method	IC1-100925
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	3.303	0.0359	0.131	0.272	Fluoride
2	6.697	5.0389	23.802	49.688	Chloride
3	15.935	0.1428	0.279	2.279	Sulfate

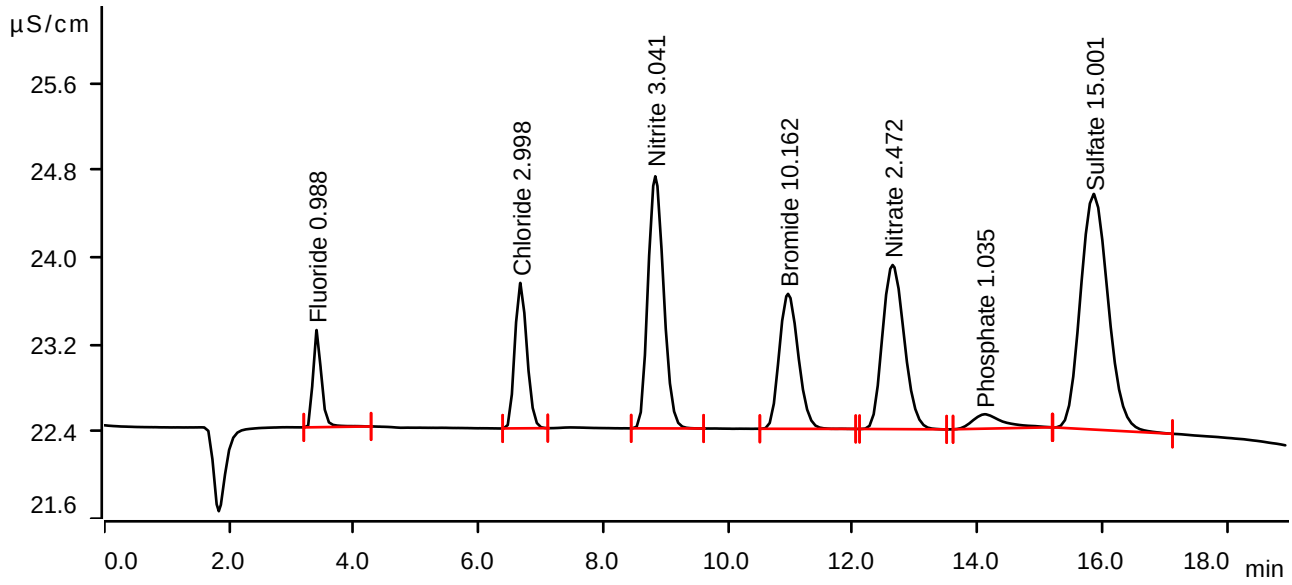
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-10-16 17:23:46 UTC-4
Method	IC1-100925
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	3.403	0.1407	0.892	0.988	Fluoride
2	6.670	0.2985	1.334	2.998	Chloride
3	8.833	0.6716	2.313	3.041	Nitrite
4	10.962	0.4378	1.239	10.162	Bromide
5	12.638	0.6094	1.506	2.472	Nitrate
6	14.110	0.0763	0.132	1.035	Phosphate
7	15.862	1.1115	2.162	15.001	Sulfate

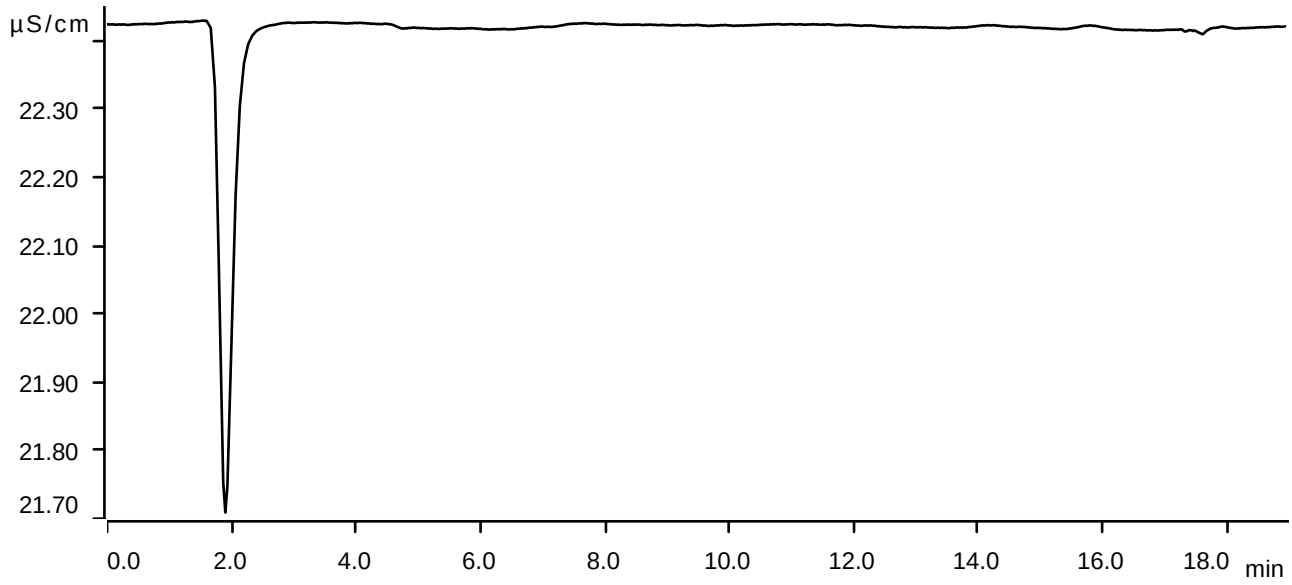
Sample data

Ident	CCB
Sample type	Sample
Determination start	2025-10-16 17:45:16 UTC-4
Method	IC1-100925
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



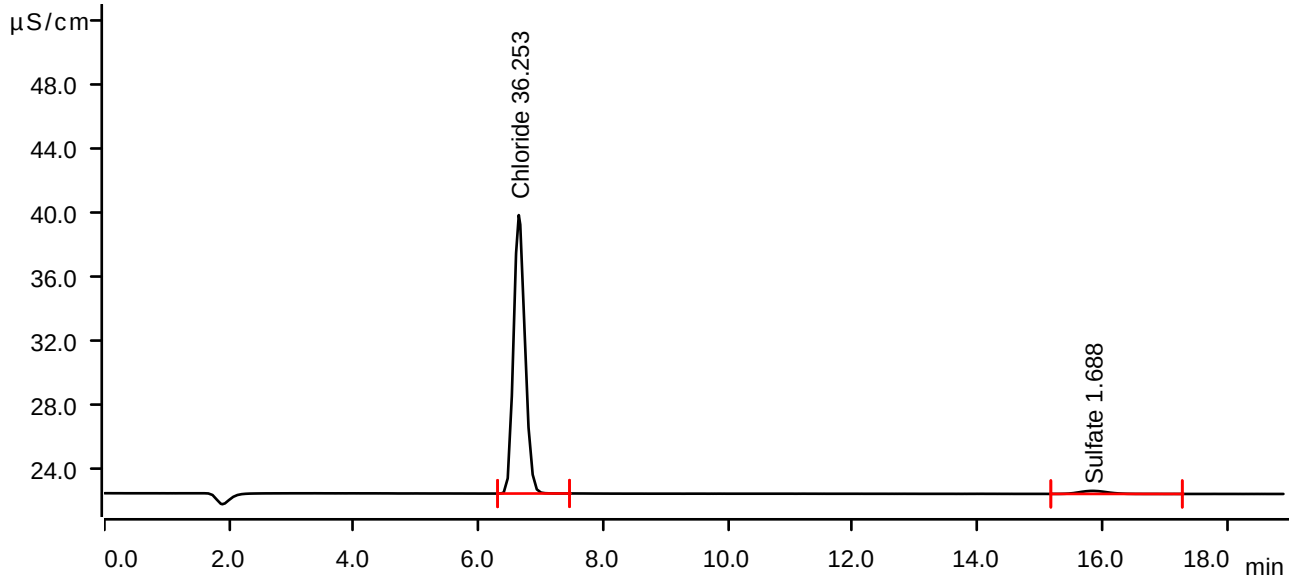
Sample data

Ident	Q3365-02DLX100
Sample type	Sample
Determination start	2025-10-16 19:11:19 UTC-4
Method	IC1-100925
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	6.645	3.6748	17.395	36.253	Chloride
2	15.845	0.0978	0.190	1.688	Sulfate

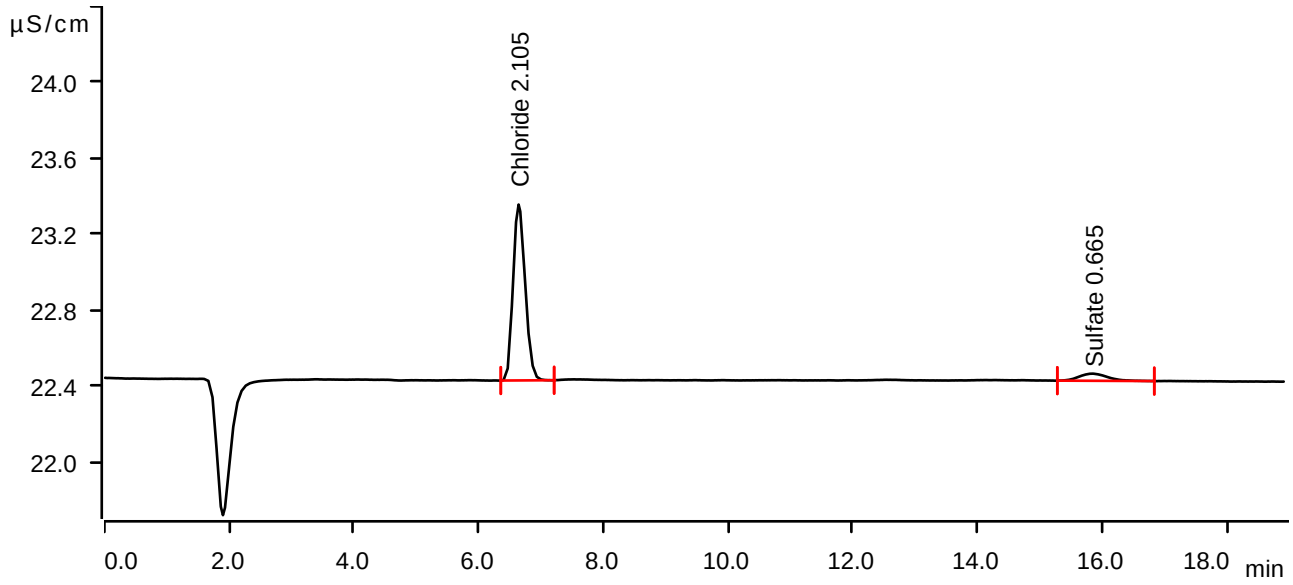
Sample data

Ident	Q3365-03DLX100
Sample type	Sample
Determination start	2025-10-16 19:54:17 UTC-4
Method	IC1-100925
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	6.642	0.2078	0.927	2.105	Chloride
2	15.850	0.0199	0.038	0.665	Sulfate

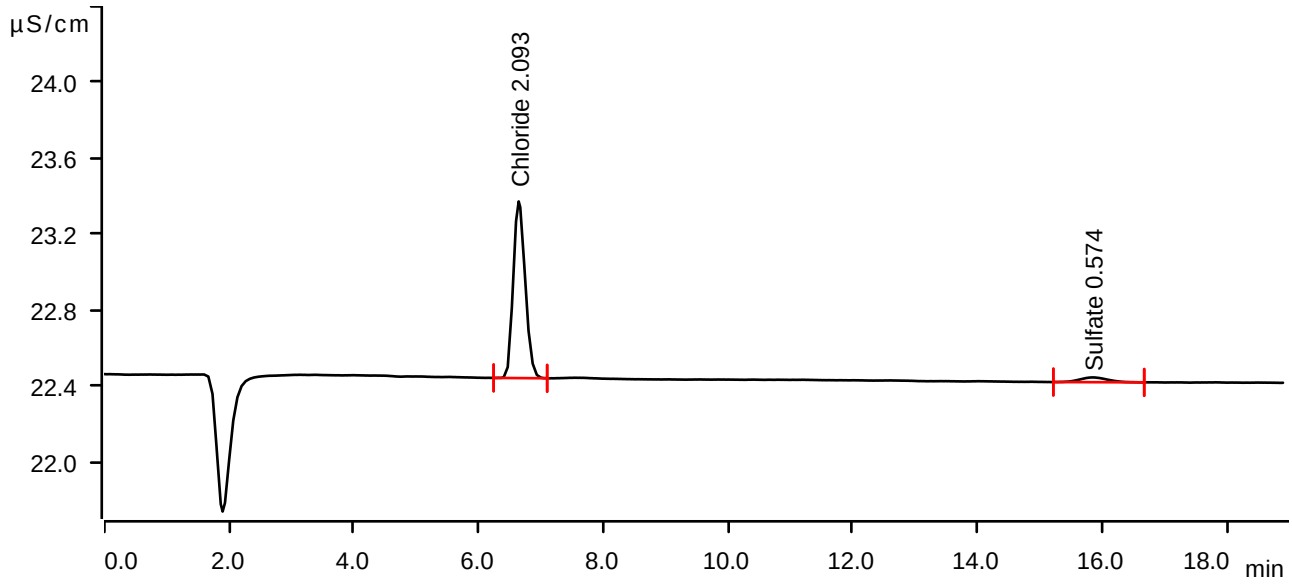
Sample data

Ident	Q3365-04DLX100
Sample type	Sample
Determination start	2025-10-16 20:15:46 UTC-4
Method	IC1-100925
Operator	

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.643	0.2066	0.931	2.093	Chloride
2	15.842	0.0130	0.025	0.574	Sulfate

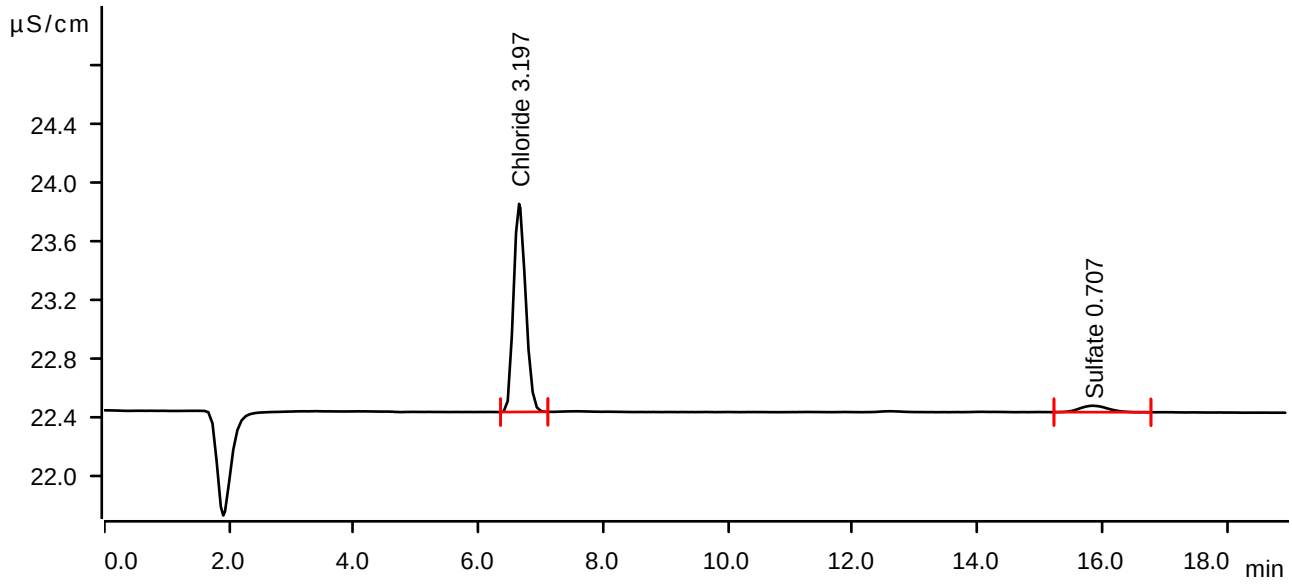
Sample data

Ident	Q3365-05DLX100
Sample type	Sample
Determination start	2025-10-16 20:37:13 UTC-4
Method	IC1-100925
Operator	

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.650	0.3187	1.422	3.197	Chloride
2	15.850	0.0231	0.044	0.707	Sulfate

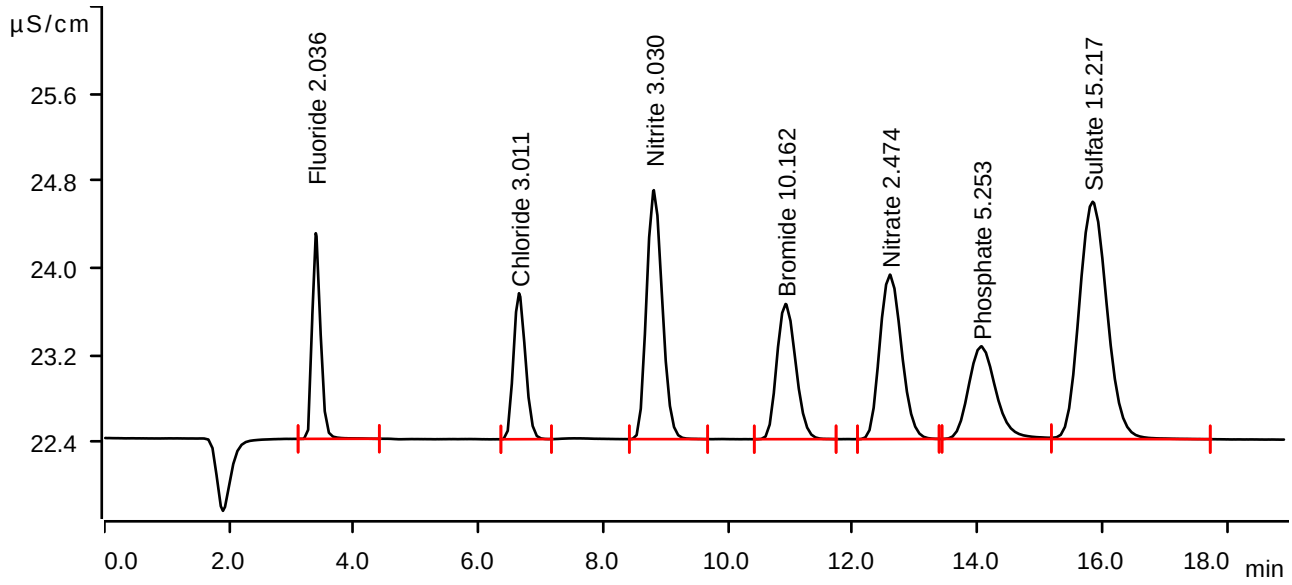
Sample data

Ident	CCV	
Sample type	Check standard 1	
Determination start	2025-10-16 20:58:40 UTC-4	
Method	IC1-100925	
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	3.390	0.2940	1.887	2.036	Fluoride
2	6.648	0.2999	1.340	3.011	Chloride
3	8.810	0.6691	2.284	3.030	Nitrite
4	10.922	0.4378	1.240	10.162	Bromide
5	12.595	0.6099	1.509	2.474	Nitrate
6	14.057	0.4349	0.850	5.253	Phosphate
7	15.845	1.1279	2.178	15.217	Sulfate

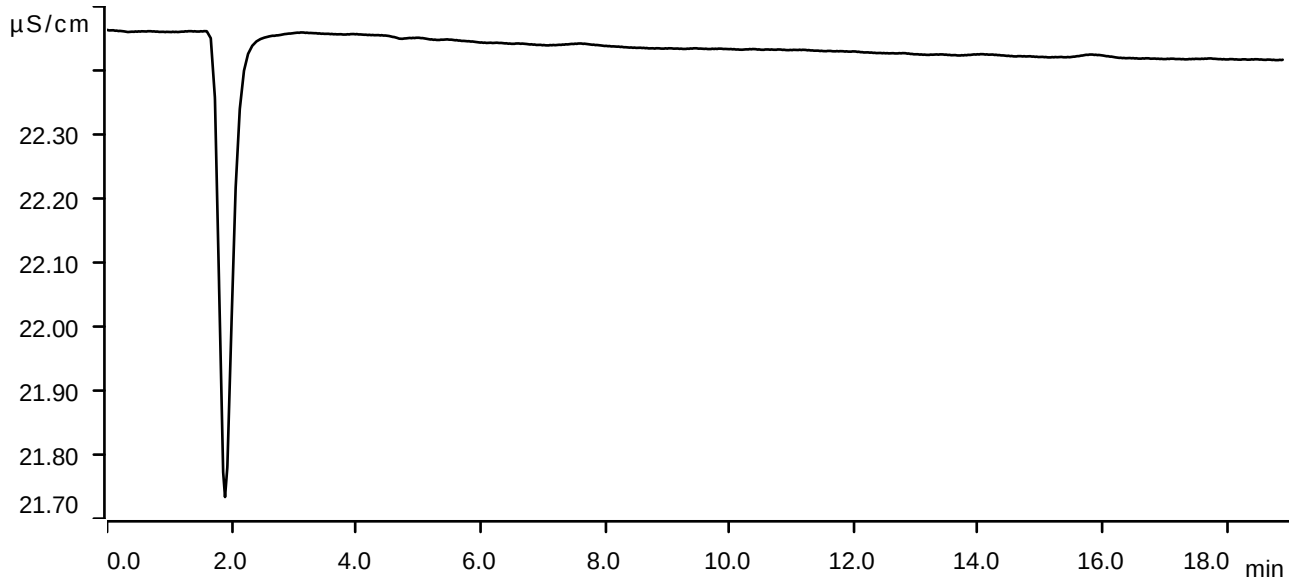
Sample data

Ident	CCB	
Sample type	Sample	
Determination start	2025-10-16 21:20:10 UTC-4	
Method	IC1-100925	
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



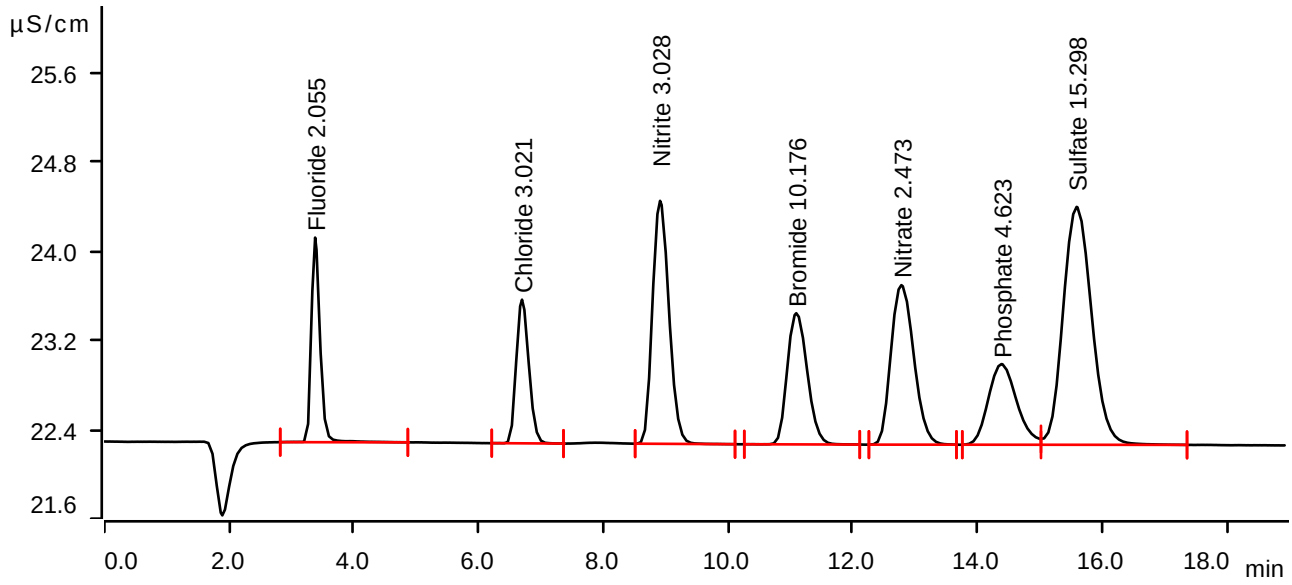
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-10-17 10:15:02 UTC-4
Method	IC1-100925
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	13.91	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	3.380	0.2967	1.837	2.055	Fluoride
2	6.697	0.3008	1.290	3.021	Chloride
3	8.910	0.6685	2.182	3.028	Nitrite
4	11.093	0.4384	1.178	10.176	Bromide
5	12.778	0.6098	1.433	2.473	Nitrate
6	14.383	0.3813	0.724	4.623	Phosphate
7	15.588	1.1341	2.137	15.298	Sulfate

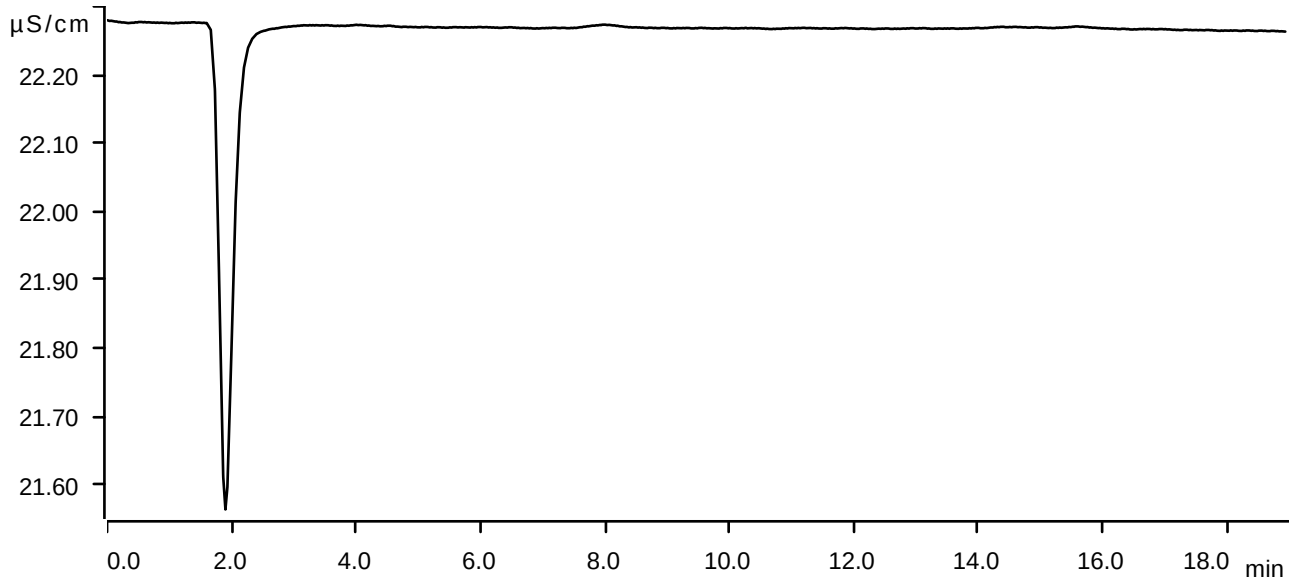
Sample data

Ident	CCB
Sample type	Sample
Determination start	2025-10-17 10:36:33 UTC-4
Method	IC1-100925
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	13.74	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



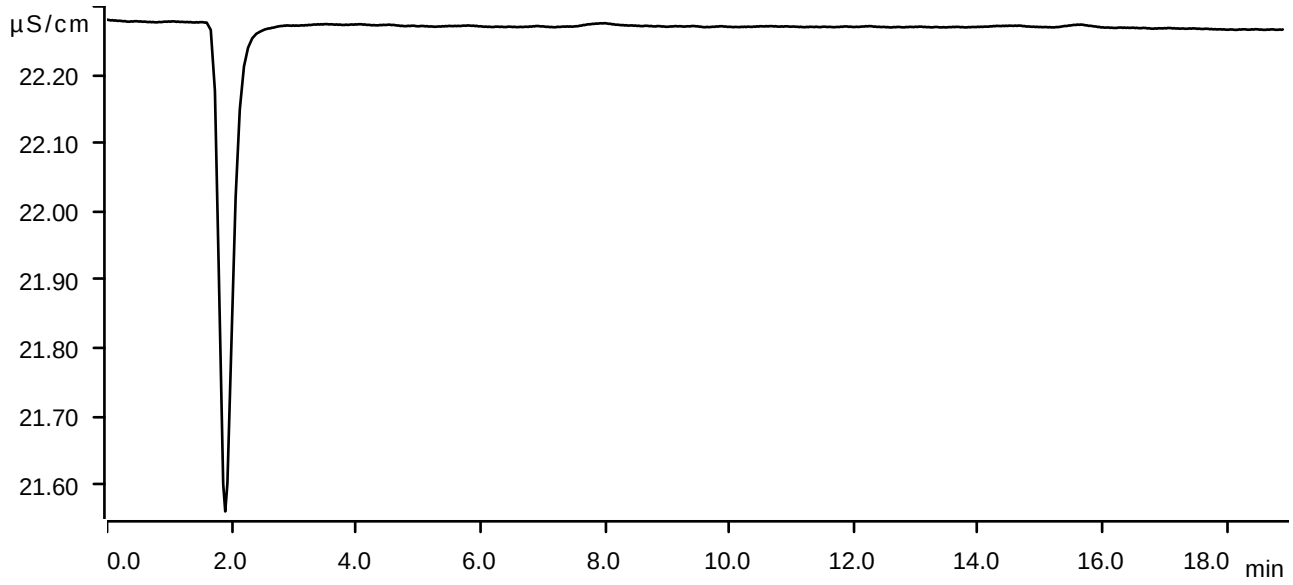
Sample data

Ident	LB137567BLW2
Sample type	Sample
Determination start	2025-10-17 10:58:03 UTC-4
Method	IC1-100925
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	13.68	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



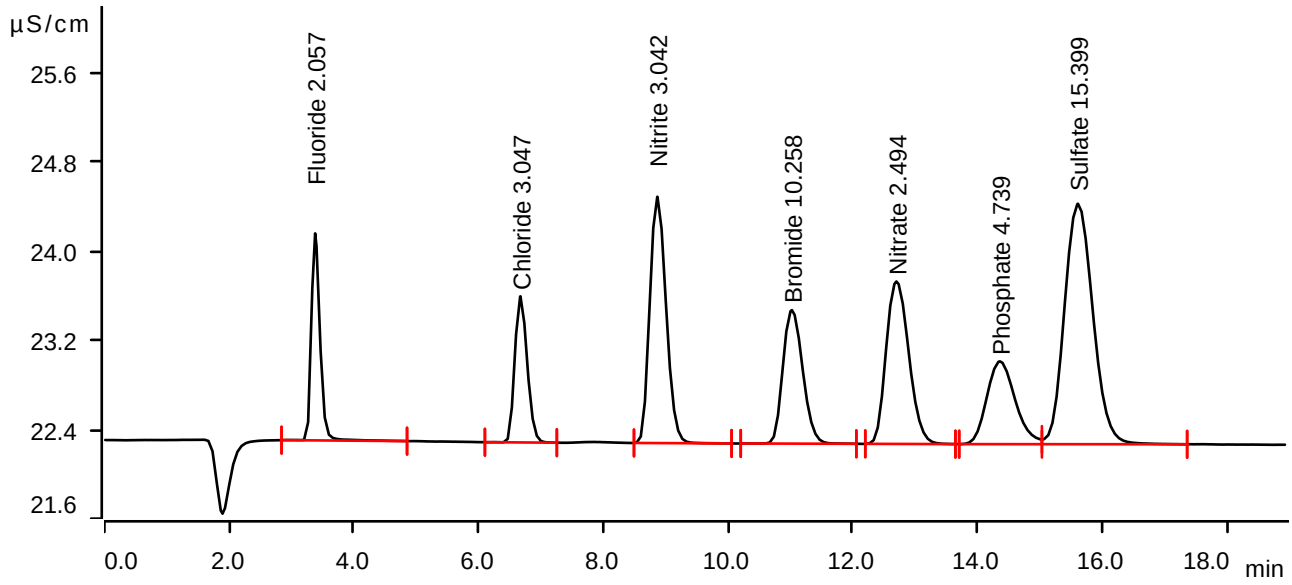
Sample data

Ident	LB137567BSW2
Sample type	Check standard 1
Determination start	2025-10-17 11:19:34 UTC-4
Method	IC1-100925
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	13.63	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	3.380	0.2970	1.859	2.057	Fluoride
2	6.672	0.3035	1.312	3.047	Chloride
3	8.865	0.6717	2.212	3.042	Nitrite
4	11.023	0.4420	1.199	10.258	Bromide
5	12.698	0.6152	1.459	2.494	Nitrate
6	14.358	0.3912	0.744	4.739	Phosphate
7	15.610	1.1418	2.159	15.399	Sulfate

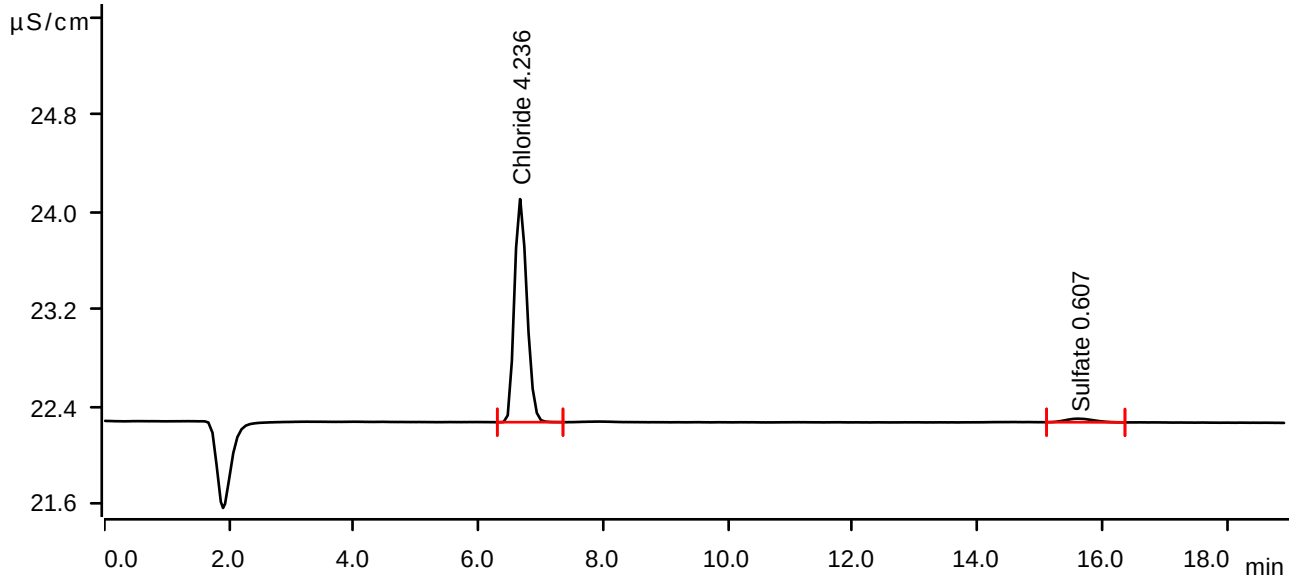
Sample data

Ident	Q3365-01DL2X1000
Sample type	Sample
Determination start	2025-10-17 11:41:08 UTC-4
Method	IC1-100925
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	13.63	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	6.665	0.4242	1.829	4.236	Chloride
2	15.627	0.0155	0.029	0.607	Sulfate

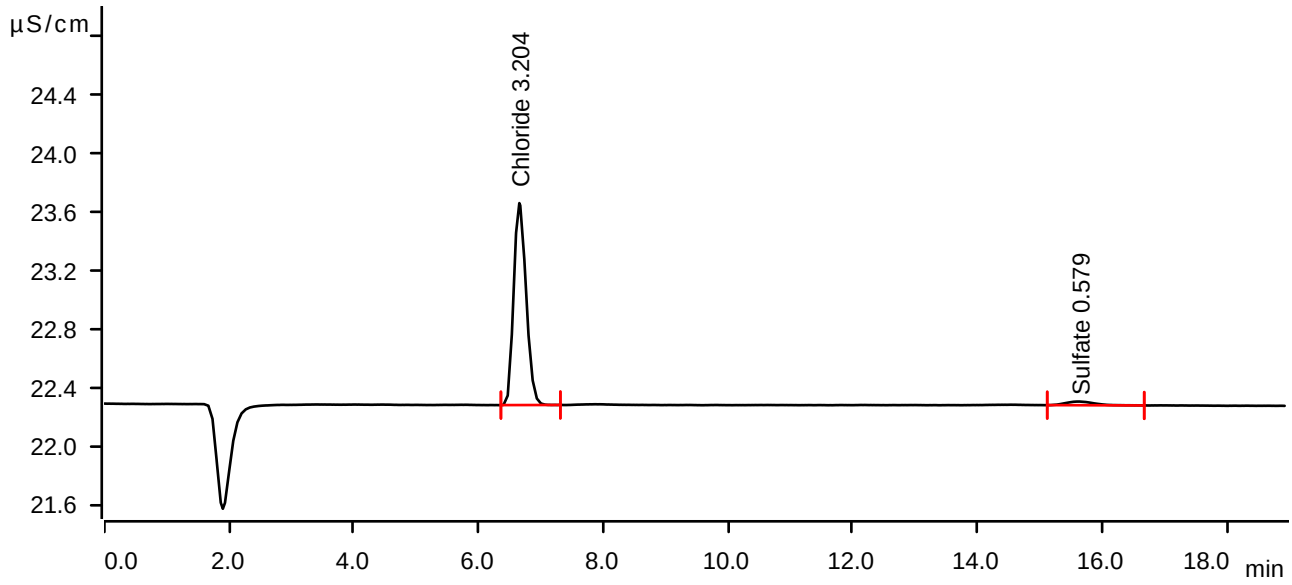
Sample data

Ident	Q3365-02DL2X1000
Sample type	Sample
Determination start	2025-10-17 12:02:40 UTC-4
Method	IC1-100925
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	13.51	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	6.653	0.3194	1.380	3.204	Chloride
2	15.637	0.0134	0.025	0.579	Sulfate

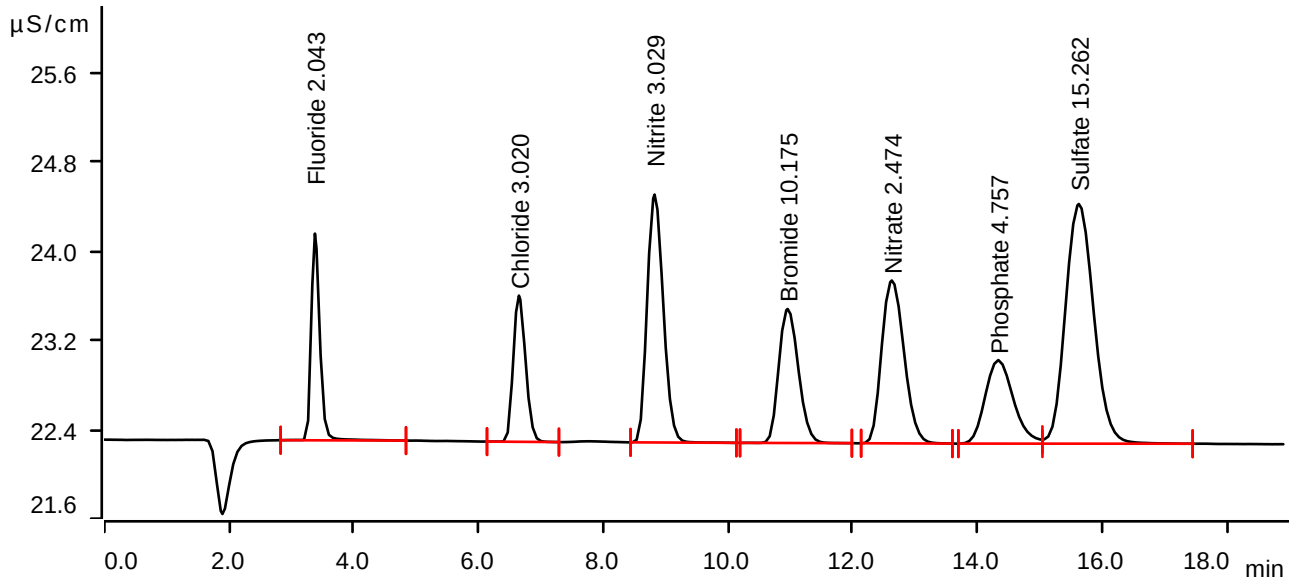
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-10-17 12:24:14 UTC-4
Method	IC1-100925
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	13.51	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	3.377	0.2949	1.856	2.043	Fluoride
2	6.647	0.3007	1.313	3.020	Chloride
3	8.822	0.6687	2.226	3.029	Nitrite
4	10.955	0.4383	1.204	10.175	Bromide
5	12.625	0.6099	1.463	2.474	Nitrate
6	14.332	0.3928	0.750	4.757	Phosphate
7	15.623	1.1313	2.153	15.262	Sulfate

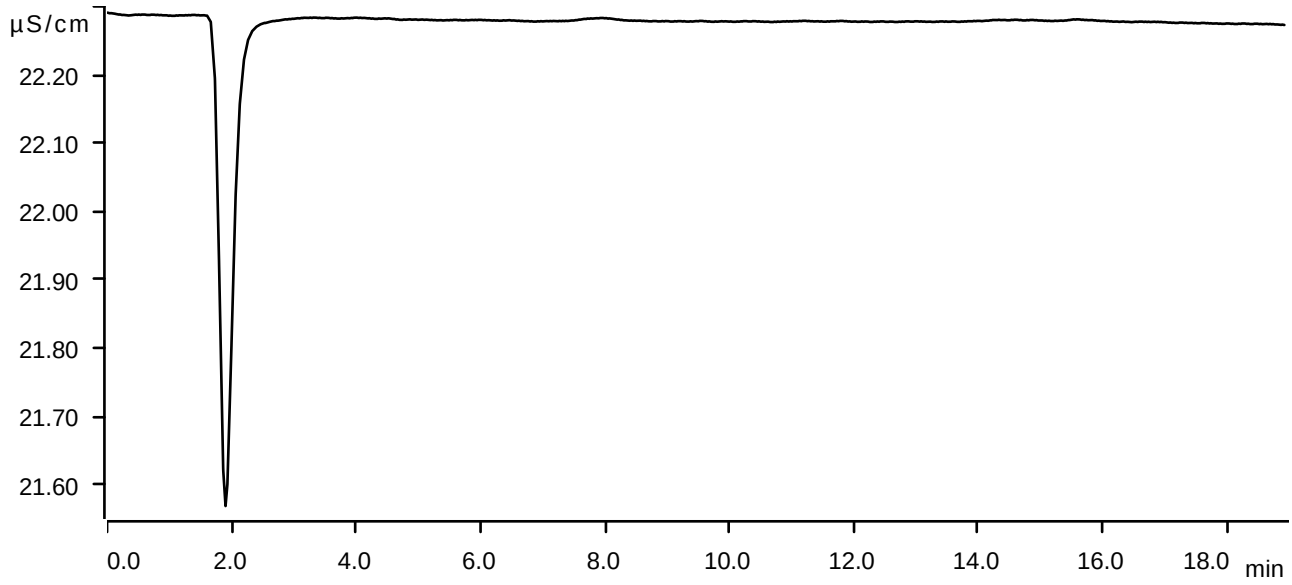
Sample data

Ident	CCB
Sample type	Sample
Determination start	2025-10-17 12:45:44 UTC-4
Method	IC1-100925
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	13.57	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



WORKLIST(Hardcopy Internal Chain)

LB137567

WorkList Name : ANIONSQ3365 **WorkList ID :** 192512 **Department :** Wet-Chemistry **Date :** 10-16-2025 13:59:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3365-01	MW25	Water	Anions Group1	Cool 4 deg C	GENV01	J13	10/16/2025	300.0
Q3365-02	MW2D	Water	Anions Group1	Cool 4 deg C	GENV01	J13	10/16/2025	300.0
Q3365-03	SUPPLY	Water	Anions Group1	Cool 4 deg C	GENV01	J13	10/16/2025	300.0
Q3365-04	17 HARVEY	Water	Anions Group1	Cool 4 deg C	GENV01	J13	10/16/2025	300.0
Q3365-05	19 HARVEY	Water	Anions Group1	Cool 4 deg C	GENV01	J13	10/16/2025	300.0

Date/Time 10/16/25 14:05
Raw Sample Received by: IC(WC)
Raw Sample Relinquished by: [illegible]

Date/Time 10/16/25 15:40
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: IC(WC)

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Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137567

Review By	rubina	Review On	10/21/2025 12:15:52 PM
Supervise By	Iwona	Supervise On	10/21/2025 12:17:45 PM
SubDirectory	LB137567	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP115135,WP115136,WP115137,WP115138,WP115139,WP115140,WP115141
ICV Standard	WP115142
CCV Standard	WP115236,WP115242
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115237,WP115243
Chk Standard	WP115143,WP115144

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	10/09/25 10:46	All standards, samples, and	RM/IZ	OK
2	STD2	STD2	CAL2	10/09/25 11:08	QC are filtered through	RM/IZ	OK
3	STD3	STD3	CAL3	10/09/25 11:29	0.45um, filter lot W3160	RM/IZ	OK
4	STD4	STD4	CAL4	10/09/25 11:51		RM/IZ	OK
5	STD5	STD5	CAL5	10/09/25 12:12		RM/IZ	OK
6	STD6	STD6	CAL6	10/09/25 12:34		RM/IZ	OK
7	STD7	STD7	CAL7	10/09/25 12:55		RM/IZ	OK
8	ICV1	ICV1	ICV	10/09/25 13:16		RM/IZ	OK
9	ICB1	ICB1	ICB	10/09/25 13:38		RM/IZ	OK
10	CCV1	CCV1	CCV	10/16/25 10:11		RM/IZ	OK
11	CCB1	CCB1	CCB	10/16/25 10:33		RM/IZ	OK
12	LB137567BLW	LB137567BLW	MB	10/16/25 10:54		RM/IZ	OK
13	LB137567BSW	LB137567BSW	LCS	10/16/25 11:16		RM/IZ	OK
14	Q3365-01	MW25	SAM	10/16/25 14:17	Cl is high, Need dilution	RM/IZ	Dilution
15	Q3365-02	MW2D	SAM	10/16/25 14:39	Cl is high, Need dilution	RM/IZ	Dilution
16	Q3365-03	SUPPLY	SAM	10/16/25 15:01	Cl is high, Need dilution	RM/IZ	Dilution
17	Q3365-04	17 HARVEY	SAM	10/16/25 15:22	Cl is high, Need dilution	RM/IZ	Dilution
18	Q3365-05	19 HARVEY	SAM	10/16/25 15:44	Cl is high, Need dilution	RM/IZ	Dilution

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Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137567

Review By	rubina	Review On	10/21/2025 12:15:52 PM
Supervise By	Iwona	Supervise On	10/21/2025 12:17:45 PM
SubDirectory	LB137567	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP115135,WP115136,WP115137,WP115138,WP115139,WP115140,WP115141
ICV Standard	WP115142
CCV Standard	WP115236,WP115242
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115237,WP115243
Chk Standard	WP115143,WP115144

19	Q3365-05MS	19 HARVEYMS	MS	10/16/25 16:05	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
20	Q3365-05MSD	19 HARVEYMSD	MSD	10/16/25 16:27	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
21	Q3365-01DL	MW25DL	SAM	10/16/25 17:01	100X For Cl still high	RM/IZ	Dilution
22	CCV2	CCV2	CCV	10/16/25 17:23		RM/IZ	OK
23	CCB2	CCB2	CCB	10/16/25 17:45		RM/IZ	OK
24	Q3365-02DL	MW2DDL	SAM	10/16/25 19:11	100X For Cl still high	RM/IZ	Dilution
25	Q3365-03DL	SUPPLYDL	SAM	10/16/25 19:54	100X For Cl	RM/IZ	Confirms
26	Q3365-04DL	17 HARVEYDL	SAM	10/16/25 20:15	100X For Cl	RM/IZ	Confirms
27	Q3365-05DL	19 HARVEYDL	SAM	10/16/25 20:37	100X For Cl	RM/IZ	Confirms
28	CCV3	CCV3	CCV	10/16/25 20:58		RM/IZ	OK
29	CCB3	CCB3	CCB	10/16/25 21:20		RM/IZ	OK
30	CCV4	CCV4	CCV	10/17/25 10:15		RM/IZ	OK
31	CCB4	CCB4	CCB	10/17/25 10:36		RM/IZ	OK
32	LB137567BLW2	LB137567BLW2	MB	10/17/25 10:58		RM/IZ	OK
33	LB137567BSW2	LB137567BSW2	LCS	10/17/25 11:19		RM/IZ	OK
34	Q3365-01DL2	MW25DL2	SAM	10/17/25 11:41	1000X For Cl	RM/IZ	Confirms
35	Q3365-02DL2	MW2DDL2	SAM	10/17/25 12:02	1000X For Cl	RM/IZ	Confirms
36	CCV5	CCV5	CCV	10/17/25 12:24		RM/IZ	OK
37	CCB5	CCB5	CCB	10/17/25 12:45		RM/IZ	OK

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Prep Standard - Chemical Standard Summary

Order ID : Q3365

Test : Anions Group1

Prepbatch ID :

Sequence ID/Qc Batch ID: LB137567,

Standard ID :
WP112796,WP115135,WP115136,WP115137,WP115138,WP115139,WP115140,WP115141,WP115142,WP115143,WP115144,WP115236,WP115237,WP115242,WP115243,

Chemical ID :
M6186,W2647,W3112,W3163,W3180,W3197,

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Wet Chemistry STANDARD PREPARATION LOG

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

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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2487	Anions 300/9056 calibration standard 1	WP115135	10/09/2025	10/10/2025	Iwona Zarych	None	None	Jignesh Parikh 10/27/2025

FROM 10.00000ml of W3112 = Final Quantity: 10.000 ml

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
24	Anions 300/9056 calibration standard 2	WP115136	10/09/2025	10/10/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 10/27/2025

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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
25	Anions 300/9056 calibration standard 3	WP115137	10/09/2025	10/10/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 10/27/2025

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

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
26	Anions 300/9056 calibration standard 4	WP115138	10/09/2025	10/10/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 10/27/2025

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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3680	Anions 300/9056 calibration standard 5-CCV	WP115139	10/09/2025	10/10/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 10/27/2025

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

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3679	Anions 300/9056 calibration standard 6	WP115140	10/09/2025	10/10/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 10/27/2025

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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3681	Anions 300/9056 calibration standard 7	WP115141	10/09/2025	10/10/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 10/27/2025

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

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3233	Anions 300/9056 ICV-LCS std	WP115142	10/09/2025	10/10/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 10/27/2025

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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4036	IC ELUENT FOR IC-1	WP115143	10/09/2025	10/22/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 10/27/2025

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

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4037	IC H2SO4 FOR IC-1	WP115144	10/09/2025	11/09/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 10/27/2025

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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3680	Anions 300/9056 calibration standard 5-CCV	WP115236	10/16/2025	10/17/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 10/27/2025

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

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Fax : 908 789 8922

Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3233	Anions 300/9056 ICV-LCS std	WP115237	10/16/2025	10/17/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 10/27/2025

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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3680	Anions 300/9056 calibration standard 5-CCV	WP115242	10/17/2025	10/18/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 10/27/2025

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

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Fax : 908 789 8922

Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3233	Anions 300/9056 ICV-LCS std	WP115243	10/17/2025	10/18/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 10/27/2025

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

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CHEMICAL RECEIPT LOG BOOK

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

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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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

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

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

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

(sodium hydrogen carbonate)

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

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

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

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

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

Jamie Ethier
Vice President Global Quality

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

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

avantor™ | J.T.Baker®

M6186

Recieved Date 8- 6/06/25

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

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H_2SO_4)	95.0 - 98.0 %	96.1 %
Appearance	Passes Test	Passes Test
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Substances Reducing Permanganate (as SO_2)	≤ 2 ppm	< 2 ppm
Ammonium (NH_4)	≤ 1 ppm	1 ppm
Chloride (Cl)	≤ 0.1 ppm	< 0.1 ppm
Nitrate (NO_3)	≤ 0.2 ppm	< 0.1 ppm
Phosphate (PO_4)	≤ 0.5 ppm	< 0.1 ppm
Trace Impurities - Aluminum (Al)	≤ 30.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 4.0 ppb	< 2.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	8.5 ppb
Trace Impurities - Cadmium (Cd)	≤ 2.0 ppb	< 0.3 ppb
Trace Impurities - Chromium (Cr)	≤ 6.0 ppb	< 0.4 ppb
Trace Impurities - Cobalt (Co)	≤ 0.5 ppb	< 0.3 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gold (Au)	≤ 10.0 ppb	0.5 ppb
Heavy Metals (as Pb)	≤ 500.0 ppb	< 100.0 ppb
Trace Impurities - Iron (Fe)	≤ 50.0 ppb	1.3 ppb
Trace Impurities - Lead (Pb)	≤ 0.5 ppb	< 0.5 ppb
Trace Impurities - Magnesium (Mg)	≤ 7.0 ppb	0.8 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Nickel (Ni)	≤ 2.0 ppb	0.3 ppb
Trace Impurities - Potassium (K)	≤ 500.0 ppb	< 2.0 ppb
Trace Impurities - Selenium (Se)	≤ 50.0 ppb	< 0.1 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	31.5 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb

>>> Continued on page 2 >>>

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

avantor™ | J.T.Baker®

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

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

For Laboratory,Research,or Manufacturing Use

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

James T Ethier

Jamie Ethier
Vice President Global Quality

W3163 Rec. on 12/10/24 by IZ

Certificate of Analysis

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

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

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

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

Internal ID #: 710

Signature

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

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

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

Additional Information

Analysis may have been rounded to significant digits in specification limits

Product meets analytical specifications of the grades listed.

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

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

1.0 ACCREDITATION / REGISTRATION

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

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

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

3.0 CERTIFIED VALUES AND UNCERTAINTIES

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

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

Assay Information:

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

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

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

Characterization of CRM/RM by Two or More Methods

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

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

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

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

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

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

k = coverage factor = 2

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

u_{bb} = bottle to bottle homogeneity standard uncertainty

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

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

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

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

X_a = mean of Assay Method A with

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

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

k = coverage factor = 2

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

u_{bb} = bottle to bottle homogeneity standard uncertainty

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

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

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

4.1 Thermometer Calibration

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

4.2 Balance Calibration

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

4.3 Glassware Calibration

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

5.0 CHROMATOGRAM

N/A

6.0 INTENDED USE

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

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

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

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

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

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

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

8.0 HAZARDOUS INFORMATION

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

9.0 HOMOGENEITY

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

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

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

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

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

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

April 02, 2024

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

11.2 Lot Expiration Date

- April 02, 2029

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

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

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

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

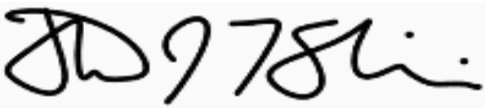
12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Custom Processing Supervisor

Certificate Approved By:

Thomas Kozikowski
Stock VS Manager



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q 3365
COC Number 2044552

CLIENT INFORMATION (REPORT TO BE SENT TO:)
COMPANY: Genvironmental
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION
PROJECT NAME: BAKER
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION
BILL TO: Genvironmental PO#:
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION
FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STANDARD DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

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

ANALYSIS
1: 2: Na (sodium) 3: 4: Chloride 5: 6: 7: 8: 9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2 (HNO3)	3	4	5	6	7	8	9	COMMENTS
1.	MW25	GW		X	10/16/25	0926	2		X		X						
2.	MW20	GW				1039			X		X						
3.	Supply	DW				1107			X		X						
4.	17 Harvey	DW				1110			X		X						
5.	19 Harvey	DW		X	10/16/25	1119	2		X		X						
6.																	
7.																	
8.																	
9.																	
10.																	

COMMENTS ← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	10/16/25 1325	1.
2.	DATE/TIME:	2.
3.	DATE/TIME:	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments: IR Gun #1

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

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

Laboratory Certification

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