

DATA REPORTING QUALIFIERS- INORGANIC

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

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

LAB CHRONICLE

OrderID:	Q3849	OrderDate:	12/12/2025 8:39:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	Location:	G11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3849-03	MW-18B-57.5-121125	WATER			12/11/25 11:45			12/11/25
			Alkalinity	SM2320 B			12/16/25 13:35	
			Anions Group1	9056A			12/12/25 11:56	
			TDS	SM2540 C			12/12/25 13:30	
Q3849-03DL	MW-18B-57.5-121125 DL	WATER			12/11/25 11:45			12/11/25
			Anions Group1	9056A			12/12/25 13:44	
Q3849-05	MW-18B-57.5-121125 -FD	WATER			12/11/25 11:50			12/11/25
			Alkalinity	SM2320 B			12/16/25 13:42	
			Anions Group1	9056A			12/12/25 12:18	
			TDS	SM2540 C			12/12/25 13:30	
Q3849-05DL	MW-18B-57.5-121125 -FDDL	WATER			12/11/25 11:50			12/11/25
			Anions Group1	9056A			12/12/25 14:06	
Q3849-09	MW-19B-71.5-121125	WATER			12/11/25 15:45			12/11/25
			Alkalinity	SM2320 B			12/16/25 13:58	

LAB CHRONICLE

Q3849-09DL	MW-19B-71.5-121125 DL	WATER	Anions Group1	9056A		12/12/25 12:40	12/11/25 15:45	12/11/25
			TDS	SM2540 C		12/12/25 13:30		
			Anions Group1	9056A		12/12/25 14:54		



SAMPLE DATA

Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: MW-18B-57.5-121125
Lab Sample ID: Q3849-03

Date Collected: 12/11/25 11:45
Date Received: 12/11/25
SDG No.: Q3849
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	25.6		1	1.00	2.00	mg/L		12/16/25 13:35	SM 2320 B-21
Chloride	19.2	OR	1	0.19	0.60	mg/L		12/12/25 11:56	9056A
Nitrate	0.095	U	1	0.095	0.50	mg/L		12/12/25 11:56	9056A
Sulfate	130	OR	1	0.46	3.00	mg/L		12/12/25 11:56	9056A
TDS	295		1	1.00	10.0	mg/L		12/12/25 13:30	SM 2540 C-20

Comments: The alkalinity to pH 4.32=25.6 mg CaCO₃/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: MW-18B-57.5-121125DL
Lab Sample ID: Q3849-03DL

Date Collected: 12/11/25 11:45
Date Received: 12/11/25
SDG No.: Q3849
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	17.5	D	5	0.95	3.00	mg/L		12/12/25 13:44	9056A
Sulfate	114	D	5	2.30	15.0	mg/L		12/12/25 13:44	9056A

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/11/25 11:50
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/11/25
Client Sample ID:	MW-18B-57.5-121125-FD	SDG No.:	Q3849
Lab Sample ID:	Q3849-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	82.8		1	1.00	2.00	mg/L		12/16/25 13:42	SM 2320 B-21
Chloride	19.2	OR	1	0.19	0.60	mg/L		12/12/25 12:18	9056A
Nitrate	0.095	U	1	0.095	0.50	mg/L		12/12/25 12:18	9056A
Sulfate	98.9	OR	1	0.46	3.00	mg/L		12/12/25 12:18	9056A
TDS	276		1	1.00	10.0	mg/L		12/12/25 13:30	SM 2540 C-20

Comments: The alkalinity to pH 4.37=82.8 mg CaCO₃/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: MW-18B-57.5-121125-FDDL
Lab Sample ID: Q3849-05DL

Date Collected: 12/11/25 11:50
Date Received: 12/11/25
SDG No.: Q3849
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	17.5	D	5	0.95	3.00	mg/L		12/12/25 14:06	9056A
Sulfate	89.5	D	5	2.30	15.0	mg/L		12/12/25 14:06	9056A

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/11/25 15:45
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/11/25
Client Sample ID:	MW-19B-71.5-121125	SDG No.:	Q3849
Lab Sample ID:	Q3849-09	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	66.4		1	1.00	2.00	mg/L		12/16/25 13:58	SM 2320 B-21
Chloride	37.2	OR	1	0.19	0.60	mg/L		12/12/25 12:40	9056A
Nitrate	0.15	J	1	0.095	0.50	mg/L		12/12/25 12:40	9056A
Sulfate	79.6	OR	1	0.46	3.00	mg/L		12/12/25 12:40	9056A
TDS	274		1	1.00	10.0	mg/L		12/12/25 13:30	SM 2540 C-20

Comments: The alkalinity to pH 4.28=66.4 mg CaCO₃/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: MW-19B-71.5-121125DL
Lab Sample ID: Q3849-09DL

Date Collected: 12/11/25 15:45
Date Received: 12/11/25
SDG No.: Q3849
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	31.9	D	10	1.90	6.00	mg/L		12/12/25 14:54	9056A
Sulfate	74.6	D	10	4.60	30.0	mg/L		12/12/25 14:54	9056A

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: JACOBS Engineering Group, Inc.

SDG No.: Q3849

Project: Former Schlumberger STC PTC Site D3868221

RunNo.: LB138212

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10.1	10	101	90-110	12/01/2025
Chloride	mg/L	3	3	100	90-110	12/01/2025
Fluoride	mg/L	2	2	100	90-110	12/01/2025
Nitrite	mg/L	3	3	100	90-110	12/01/2025
Nitrate	mg/L	2.5	2.5	100	90-110	12/01/2025
Sulfate	mg/L	14.9	15	99	90-110	12/01/2025
Orthophosphate as P	mg/L	5.4	5	108	90-110	12/01/2025
Sample ID: CCV1						
Bromide	mg/L	10.3	10	103	90-110	12/12/2025
Chloride	mg/L	3.1	3	103	90-110	12/12/2025
Fluoride	mg/L	2	2	100	90-110	12/12/2025
Nitrite	mg/L	3.1	3	103	90-110	12/12/2025
Nitrate	mg/L	2.6	2.5	104	90-110	12/12/2025
Sulfate	mg/L	15.1	15	101	90-110	12/12/2025
Orthophosphate as P	mg/L	5.4	5	108	90-110	12/12/2025
Sample ID: CCV2						
Bromide	mg/L	9.2	10	92	90-110	12/12/2025
Chloride	mg/L	2.8	3	93	90-110	12/12/2025
Fluoride	mg/L	1.8	2	90	90-110	12/12/2025
Nitrite	mg/L	2.8	3	93	90-110	12/12/2025
Nitrate	mg/L	2.3	2.5	92	90-110	12/12/2025
Sulfate	mg/L	13.7	15	91	90-110	12/12/2025
Orthophosphate as P	mg/L	4.9	5	98	90-110	12/12/2025
Sample ID: CCV3						
Bromide	mg/L	9.9	10	99	90-110	12/12/2025
Chloride	mg/L	3	3	100	90-110	12/12/2025
Fluoride	mg/L	2	2	100	90-110	12/12/2025
Nitrite	mg/L	3	3	100	90-110	12/12/2025
Nitrate	mg/L	2.5	2.5	100	90-110	12/12/2025
Sulfate	mg/L	14.6	15	97	90-110	12/12/2025
Orthophosphate as P	mg/L	5.4	5	108	90-110	12/12/2025

Initial and Continuing Calibration Blank Summary

Client: JACOBS Engineering Group, Inc.

SDG No.: Q3849

Project: Former Schlumberger STC PTC Site D3868221

RunNo.: LB138212

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	12/01/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	12/01/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	12/01/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	12/01/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	12/01/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	12/01/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	12/01/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	12/12/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	12/12/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	12/12/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	12/12/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	12/12/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	12/12/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	12/12/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	12/12/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	12/12/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	12/12/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	12/12/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	12/12/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	12/12/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	12/12/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	12/12/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	12/12/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	12/12/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	12/12/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	12/12/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	12/12/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	12/12/2025

Preparation Blank Summary

Client: JACOBS Engineering Group, Inc.

SDG No.: Q3849

Project: Former Schlumberger STC PTC Site D3868221

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB138212BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	12/12/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	12/12/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	12/12/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	12/12/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	12/12/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	12/12/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	12/12/2025
Sample ID: LB138213BL							
TDS	mg/L	< 5.0000	5.0000	U	1.0	10	12/12/2025
Sample ID: LB138239BLW							
Alkalinity	mg/L	< 1.0000	1.0000	U	1	2	12/16/2025

Matrix Spike Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	Q3849
Project:	Former Schlumberger STC PTC Site D3868221	Sample ID:	Q3849-09
Client ID:	MW-19B-71.5-121125MS	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	10.5		0.37	U	10	1	105		12/12/2025
Chloride	mg/L	80-120	39.1	OR	37.2	OR	3	1	63	*	12/12/2025
Fluoride	mg/L	80-120	2.40		0.20	J	2	1	110		12/12/2025
Nitrite	mg/L	80-120	3.10		0.074	U	3	1	103		12/12/2025
Nitrate	mg/L	80-120	2.60		0.15	J	2.5	1	98		12/12/2025
Sulfate	mg/L	80-120	93.1	OR	79.6	OR	15	1	90		12/12/2025
Orthophosphate as P	mg/L	80-120	1.70		0.34	U	5	1	34	*	12/12/2025

Matrix Spike Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	Q3849
Project:	Former Schlumberger STC PTC Site D3868221	Sample ID:	Q3849-09
Client ID:	MW-19B-71.5-121125MSD	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	10.2		0.37	U	10	1	102		12/12/2025
Chloride	mg/L	80-120	39.1	OR	37.2	OR	3	1	63	*	12/12/2025
Fluoride	mg/L	80-120	2.40		0.20	J	2	1	110		12/12/2025
Nitrite	mg/L	80-120	3.00		0.074	U	3	1	100		12/12/2025
Nitrate	mg/L	80-120	2.60		0.15	J	2.5	1	98		12/12/2025
Sulfate	mg/L	80-120	93.0	OR	79.6	OR	15	1	89		12/12/2025
Orthophosphate as P	mg/L	80-120	1.60		0.34	U	5	1	32	*	12/12/2025

Matrix Spike Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	Q3849
Project:	Former Schlumberger STC PTC Site D3868221	Sample ID:	Q3863-01
Client ID:	MW-17B-55-121225MS	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		12/12/2025
Chloride	mg/L	80-120	24.0	OR	21.7	OR	3	1	77	*	12/12/2025
Fluoride	mg/L	80-120	2.30		0.21	J	2	1	104		12/12/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		12/12/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		12/12/2025
Sulfate	mg/L	80-120	38.5	OR	24.3		15	1	95		12/12/2025
Orthophosphate as P	mg/L	80-120	4.30		0.34	U	5	1	86		12/12/2025

Matrix Spike Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	Q3849
Project:	Former Schlumberger STC PTC Site D3868221	Sample ID:	Q3863-01
Client ID:	MW-17B-55-121225MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	9.80		0.37	U	10	1	98		12/12/2025
Chloride	mg/L	80-120	23.9	OR	21.7	OR	3	1	73	*	12/12/2025
Fluoride	mg/L	80-120	2.30		0.21	J	2	1	104		12/12/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		12/12/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		12/12/2025
Sulfate	mg/L	80-120	38.2	OR	24.3		15	1	93		12/12/2025
Orthophosphate as P	mg/L	80-120	3.00		0.34	U	5	1	60	*	12/12/2025

Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc. Project: Former Schlumberger STC PTC Site D3868221 Client ID: MW-18B-57.5-121125-FDDUP	SDG No.: Q3849 Sample ID: Q3849-05 Percent Solids for Spike Sample: 0
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Alkalinity	mg/L	+/-20	82.8		84.6		1	2		12/16/2025

Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc.	SDG No.: Q3849
Project: Former Schlumberger STC PTC Site D3868221	Sample ID: Q3849-09
Client ID: MW-19B-71.5-121125DUP	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TDS	mg/L	+/-5	274		277		1	1.09		12/12/2025

Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc.	SDG No.: Q3849
Project: Former Schlumberger STC PTC Site D3868221	Sample ID: Q3849-09
Client ID: MW-19B-71.5-121125MSD	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	+/-15	2.40		2.40		1	0		12/12/2025
Nitrate	mg/L	+/-15	2.60		2.60		1	0		12/12/2025
Chloride	mg/L	+/-15	39.1	OR	39.1	OR	1	0		12/12/2025
Sulfate	mg/L	+/-15	93.1	OR	93.0	OR	1	0		12/12/2025
Bromide	mg/L	+/-15	10.5		10.2		1	3		12/12/2025
Nitrite	mg/L	+/-15	3.10		3.00		1	3		12/12/2025
Orthophosphate as P	mg/L	+/-15	1.70		1.60		1	6		12/12/2025

Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc.	SDG No.: Q3849
Project: Former Schlumberger STC PTC Site D3868221	Sample ID: Q3863-01
Client ID: MW-17B-55-121225MSD	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	+/-15	2.30		2.30		1	0		12/12/2025
Nitrate	mg/L	+/-15	2.40		2.40		1	0		12/12/2025
Nitrite	mg/L	+/-15	2.90		2.90		1	0		12/12/2025
Chloride	mg/L	+/-15	24.0	OR	23.9	OR	1	0		12/12/2025
Bromide	mg/L	+/-15	9.90		9.80		1	1		12/12/2025
Sulfate	mg/L	+/-15	38.5	OR	38.2	OR	1	1		12/12/2025
Orthophosphate as P	mg/L	+/-15	4.30		3.00		1	36	*	12/12/2025

Laboratory Control Sample Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	Q3849
Project:	Former Schlumberger STC PTC Site D3868221	Run No.:	LB138212

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138212BSW							
Bromide	mg/L	10	10.1		101	1	90-110	12/12/2025
Chloride	mg/L	3	3.00		100	1	90-110	12/12/2025
Fluoride	mg/L	2	2.00		100	1	90-110	12/12/2025
Nitrite	mg/L	3	3.00		100	1	90-110	12/12/2025
Nitrate	mg/L	2.5	2.50		100	1	90-110	12/12/2025
Sulfate	mg/L	15	14.9		99	1	90-110	12/12/2025
Orthophosphate as P	mg/L	5	5.40		108	1	90-110	12/12/2025

Laboratory Control Sample Summary

Client: JACOBS Engineering Group, Inc.

SDG No.: Q3849

Project: Former Schlumberger STC PTC Site D3868221

Run No.: LB138213

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138213BS							
TDS	mg/L	100	100		100	1	90-110	12/12/2025

Laboratory Control Sample Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	Q3849
Project:	Former Schlumberger STC PTC Site D3868221	Run No.:	LB138239

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138239BSW							
Alkalinity	mg/L	50	48.3		97	1	80-120	12/16/2025



RAW DATA

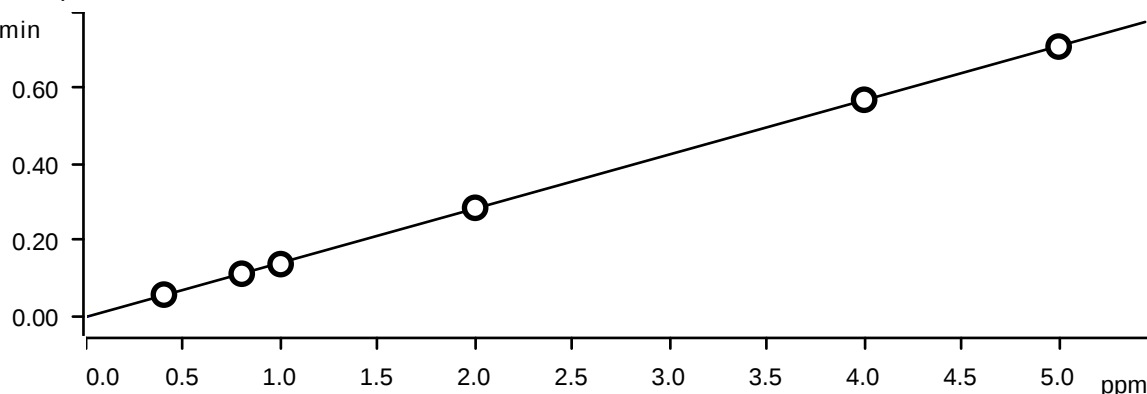
Instrument IC-1			Analyst: RM		Method: 300.0 / 9056A					
Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method nam	date time	Initial wt. Analyst
STD1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-120125	12/1/2025 11:48	10 RM/IZ
STD2	0.412	0.635	0.639	2.103	0.536	0.913	3.265	IC1-120125	12/1/2025 12:09	10 RM/IZ
STD3	0.798	1.201	1.199	4.008	0.999	2.097	5.981	IC1-120125	12/1/2025 12:52	10 RM/IZ
STD4	0.975	1.481	1.479	4.937	1.234	2.295	7.437	IC1-120125	12/1/2025 13:13	10 RM/IZ
STD5	2.015	2.982	2.983	9.952	2.481	5.096	14.845	IC1-120125	12/1/2025 13:35	10 RM/IZ
STD6	4.009	5.961	5.958	19.885	4.959	10.523	29.548	IC1-120125	12/1/2025 13:57	10 RM/IZ
STD7	4.991	7.539	7.542	25.114	6.291	12.075	37.424	IC1-120125	12/1/2025 14:18	10 RM/IZ
ICV	2.032	2.991	2.998	10.111	2.458	5.430	14.904	IC1-120125	12/1/2025 14:40	10 RM/IZ
ICB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-120125	12/1/2025 14:58	10 RM/IZ
CCV	2.044	3.085	3.076	10.263	2.553	5.419	15.097	IC1-120125	12/12/2025 10:30	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-120125	12/12/2025 10:52	10 RM/IZ
LB138212BLW	0.000	0.093	0.000	0.000	0.000	0.000	0.000	IC1-120125	12/12/2025 11:14	10 RM/IZ
LB138212BSW	2.014	3.035	3.036	10.116	2.518	5.391	14.894	IC1-120125	12/12/2025 11:35	10 RM/IZ
Q3849-03	0.225	19.190	0.000	0.236	0.000	0.000	130.010	IC1-120125	12/12/2025 11:56	10 RM/IZ
Q3849-05	0.234	19.166	0.000	0.233	0.065	0.000	98.869	IC1-120125	12/12/2025 12:18	10 RM/IZ
Q3849-09	0.200	37.239	0.000	0.224	0.146	0.000	79.648	IC1-120125	12/12/2025 12:40	10 RM/IZ
Q3849-09MS	2.428	39.056	3.134	10.537	2.641	1.661	93.142	IC1-120125	12/12/2025 13:01	10 RM/IZ
Q3849-09MSD	2.352	39.128	3.025	10.170	2.551	1.598	93.000	IC1-120125	12/12/2025 13:23	10 RM/IZ
Q3849-03DLX5	0.050	3.503	0.000	0.000	0.000	0.122	22.764	IC1-120125	12/12/2025 13:44	10 RM/IZ
Q3849-05DLX5	0.051	3.504	0.000	0.000	0.000	0.116	17.894	IC1-120125	12/12/2025 14:06	10 RM/IZ
Q3849-09DLX10	0.032	3.194	0.000	0.000	0.000	0.000	7.463	IC1-120125	12/12/2025 14:54	10 RM/IZ
CCV	1.843	2.841	2.763	9.245	2.309	4.949	13.708	IC1-120125	12/12/2025 15:59	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-120125	12/12/2025 16:21	10 RM/IZ
Q3863-01	0.209	21.748	0.000	0.264	0.000	0.299	24.331	IC1-120125	12/12/2025 16:43	10 RM/IZ
Q3863-02MS	2.265	24.007	2.931	9.908	2.379	4.332	38.464	IC1-120125	12/12/2025 17:04	10 RM/IZ
Q3863-03MSD	2.254	23.919	2.910	9.814	2.362	3.044	38.218	IC1-120125	12/12/2025 17:58	10 RM/IZ
Q3863-10	0.000	0.057	0.000	0.000	0.000	0.196	0.000	IC1-120125	12/12/2025 18:19	10 RM/IZ
Q3863-01DLX5	0.254	4.052	0.000	0.000	0.000	0.161	5.105	IC1-120125	12/12/2025 18:41	10 RM/IZ
CCV	1.969	2.968	2.966	9.905	2.464	5.373	14.558	IC1-120125	12/12/2025 19:02	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-120125	12/12/2025 20:50	10 RM/IZ

Clear table

Instrument ID: IC-2 Analyst : IZ Method: 300.0 / 9056A									
ident	concentra tion F-	concentratio n CL-	concentratio on NO2	concentratio on BR-	concentratio on NO3	concentratio on HPO4	concentratio on SO4	file name	Initial wt/ Final
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-120125	10 RM/IZ
STD2	0.4120	0.6350	0.6390	2.1030	0.5360	0.9130	3.2650	IC1-120125	10 RM/IZ
STD3	0.7980	1.2010	1.1990	4.0080	0.9990	2.0970	5.9810	IC1-120125	10 RM/IZ
STD4	0.9750	1.4810	1.4790	4.9370	1.2340	2.2950	7.4370	IC1-120125	10 RM/IZ
STD5	2.0150	2.9820	2.9830	9.9520	2.4810	5.0960	14.8450	IC1-120125	10 RM/IZ
STD6	4.0090	5.9610	5.9580	19.8850	4.9590	10.5230	29.5480	IC1-120125	10 RM/IZ
STD7	4.9910	7.5390	7.5420	25.1140	6.2910	12.0750	37.4240	IC1-120125	10 RM/IZ
date time	12/1/2025 11:48	12/1/2025 12:09	12/1/2025 12:52	12/1/2025 13:13	12/1/2025 13:35	12/1/2025 13:57	12/1/2025 14:18		
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	3.0000	5.8333	6.5000	5.1500	7.2000	-8.7000	8.8333		
STD3	-0.2500	0.0833	-0.0833	0.2000	-0.1000	4.8500	-0.3167		
STD4	-2.5000	-1.2667	-1.4000	-1.2600	-1.2800	-8.2000	-0.8400		
STD5	0.7500	-0.6000	-0.5667	-0.4800	-0.7600	1.9200	-1.0333		
STD6	0.2250	-0.6500	-0.7000	-0.5750	-0.8200	5.2300	-1.5067		
STD7	-0.1800	0.5200	0.5600	0.4560	0.6560	-3.4000	1.1459		

Fluoride (Anions)

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



Function: $A = -1.71119\text{E-}3 + 0.0142641 \times Q$

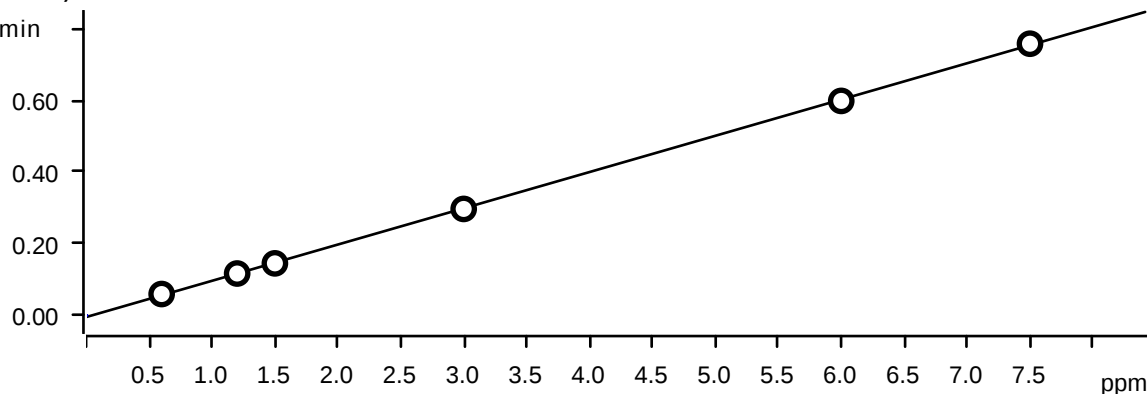
Relative standard deviation 0.777267 %

Correlation coefficient 0.999967

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	2025-12-01 11:48:15 UTC-5	used
Standard 2	1	0.400	10.0	1.0	1.0	0.057	STD2	2025-12-01 12:09:37 UTC-5	used
Standard 3	1	0.800	10.0	1.0	1.0	0.112	STD3	2025-12-01 12:52:25 UTC-5	used
Standard 4	1	1.000	10.0	1.0	1.0	0.137	STD4	2025-12-01 13:13:50 UTC-5	used
Standard 5	1	2.000	10.0	1.0	1.0	0.286	STD5	2025-12-01 13:35:52 UTC-5	used
Standard 6	1	4.000	10.0	1.0	1.0	0.570	STD6	2025-12-01 13:57:13 UTC-5	used
Standard 7	1	5.000	10.0	1.0	1.0	0.710	STD7	2025-12-01 14:18:41 UTC-5	used

Chloride (Anions)

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

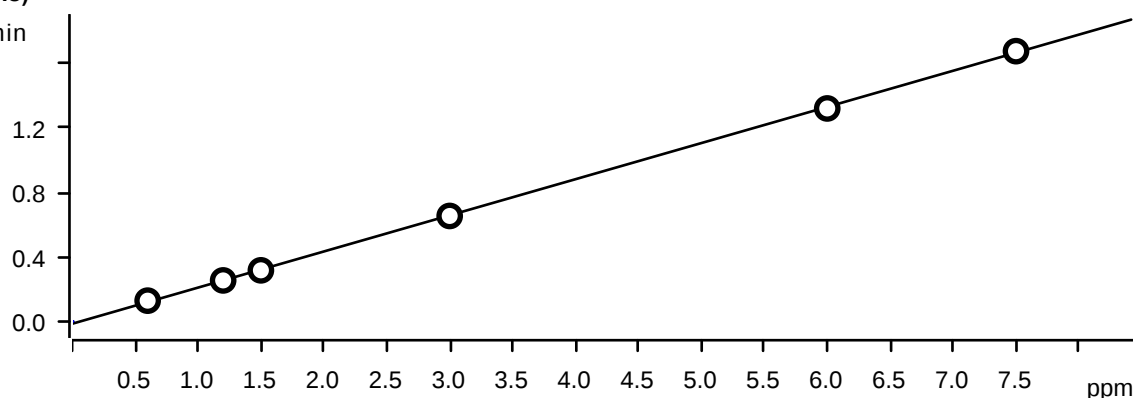


Function: $A = -4.50795\text{E-}3 + 0.0101091 \times Q$

Relative standard deviation 1.077238 %

Correlation coefficient 0.999938

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	2025-12-01 11:48:15 UTC-5	used
Standard 2	1	0.600	10.0	1.0	1.0	0.060	STD2	2025-12-01 12:09:37 UTC-5	used
Standard 3	1	1.200	10.0	1.0	1.0	0.117	STD3	2025-12-01 12:52:25 UTC-5	used
Standard 4	1	1.500	10.0	1.0	1.0	0.145	STD4	2025-12-01 13:13:50 UTC-5	used
Standard 5	1	3.000	10.0	1.0	1.0	0.297	STD5	2025-12-01 13:35:52 UTC-5	used
Standard 6	1	6.000	10.0	1.0	1.0	0.598	STD6	2025-12-01 13:57:13 UTC-5	used
Standard 7	1	7.500	10.0	1.0	1.0	0.758	STD7	2025-12-01 14:18:41 UTC-5	used

Nitrite (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0147505 + 0.0223943 \times Q$

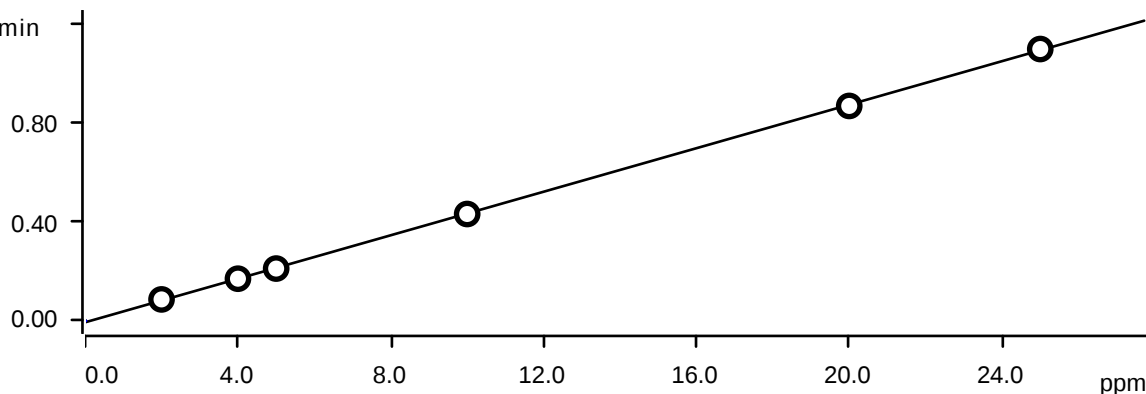
Relative standard deviation 1.183356 %

Correlation coefficient 0.999927

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	2025-12-01 11:48:15 UTC-5	used
Standard 2	1	0.600	10.0	1.0	1.0	0.128	STD2	2025-12-01 12:09:37 UTC-5	used
Standard 3	1	1.200	10.0	1.0	1.0	0.254	STD3	2025-12-01 12:52:25 UTC-5	used
Standard 4	1	1.500	10.0	1.0	1.0	0.316	STD4	2025-12-01 13:13:50 UTC-5	used
Standard 5	1	3.000	10.0	1.0	1.0	0.653	STD5	2025-12-01 13:35:52 UTC-5	used
Standard 6	1	6.000	10.0	1.0	1.0	1.319	STD6	2025-12-01 13:57:13 UTC-5	used
Standard 7	1	7.500	10.0	1.0	1.0	1.674	STD7	2025-12-01 14:18:41 UTC-5	used

Bromide (Anions)

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



Function: $A = -5.85906E-3 + 4.38185E-3 \times Q$

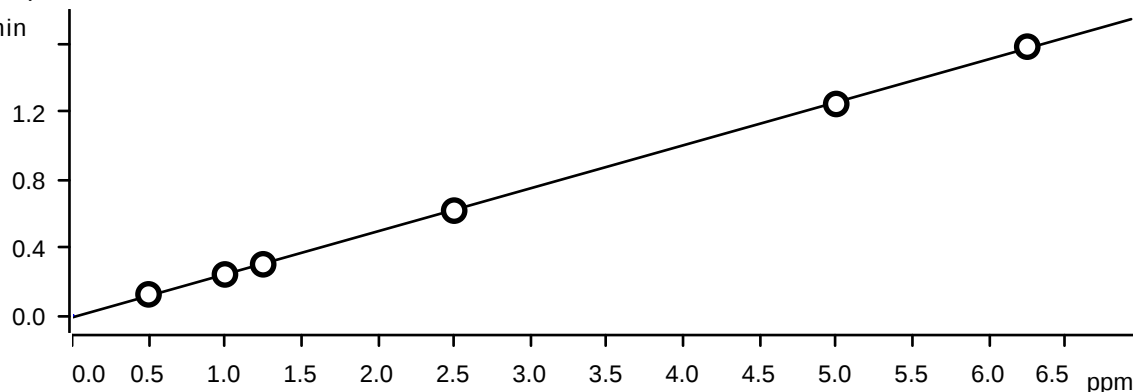
Relative standard deviation: 0.955560 %

Correlation coefficient: 0.999951

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	2025-12-01 11:48:15 UTC-5	used
Standard 2	1	2.000	10.0	1.0	1.0	0.086	STD2	2025-12-01 12:09:37 UTC-5	used
Standard 3	1	4.000	10.0	1.0	1.0	0.170	STD3	2025-12-01 12:52:25 UTC-5	used
Standard 4	1	5.000	10.0	1.0	1.0	0.210	STD4	2025-12-01 13:13:50 UTC-5	used
Standard 5	1	10.000	10.0	1.0	1.0	0.430	STD5	2025-12-01 13:35:52 UTC-5	used
Standard 6	1	20.000	10.0	1.0	1.0	0.865	STD6	2025-12-01 13:57:13 UTC-5	used
Standard 7	1	25.000	10.0	1.0	1.0	1.095	STD7	2025-12-01 14:18:41 UTC-5	used

Nitrate (Anions)

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

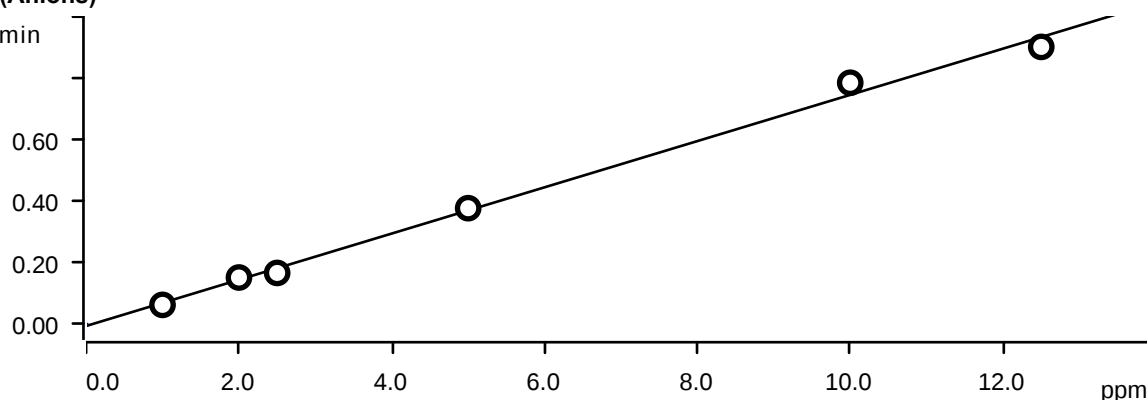


Function: $A = -0.0119899 + 0.0253343 \times Q$

Relative standard deviation: 1.343370 %

Correlation coefficient 0.999905

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	2025-12-01 11:48:15 UTC-5	used
Standard 2	1	0.500	10.0	1.0	1.0	0.124	STD2	2025-12-01 12:09:37 UTC-5	used
Standard 3	1	1.000	10.0	1.0	1.0	0.241	STD3	2025-12-01 12:52:25 UTC-5	used
Standard 4	1	1.250	10.0	1.0	1.0	0.301	STD4	2025-12-01 13:13:50 UTC-5	used
Standard 5	1	2.500	10.0	1.0	1.0	0.617	STD5	2025-12-01 13:35:52 UTC-5	used
Standard 6	1	5.000	10.0	1.0	1.0	1.244	STD6	2025-12-01 13:57:13 UTC-5	used
Standard 7	1	6.250	10.0	1.0	1.0	1.582	STD7	2025-12-01 14:18:41 UTC-5	used

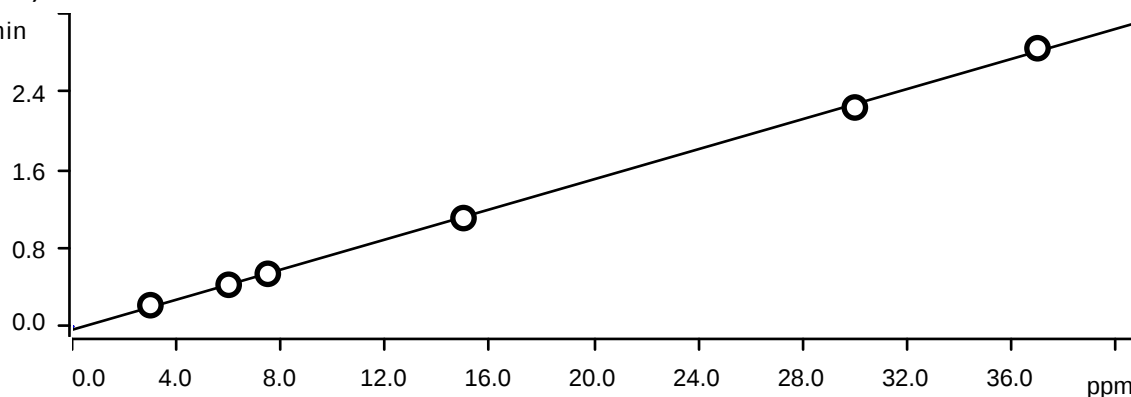
Phosphate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -5.90721E-3 + 7.51764E-3 \times Q$

Relative standard deviation 6.666731 %

Correlation coefficient 0.997655

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	2025-12-01 11:48:15 UTC-5	used
Standard 2	1	1.000	10.0	1.0	1.0	0.063	STD2	2025-12-01 12:09:37 UTC-5	used
Standard 3	1	2.000	10.0	1.0	1.0	0.152	STD3	2025-12-01 12:52:25 UTC-5	used
Standard 4	1	2.500	10.0	1.0	1.0	0.167	STD4	2025-12-01 13:13:50 UTC-5	used
Standard 5	1	5.000	10.0	1.0	1.0	0.377	STD5	2025-12-01 13:35:52 UTC-5	used
Standard 6	1	10.000	10.0	1.0	1.0	0.785	STD6	2025-12-01 13:57:13 UTC-5	used
Standard 7	1	12.500	10.0	1.0	1.0	0.902	STD7	2025-12-01 14:18:41 UTC-5	used

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0335409 + 7.69031E-3 \times Q$

Relative standard deviation 2.174138 %

Correlation coefficient 0.999753

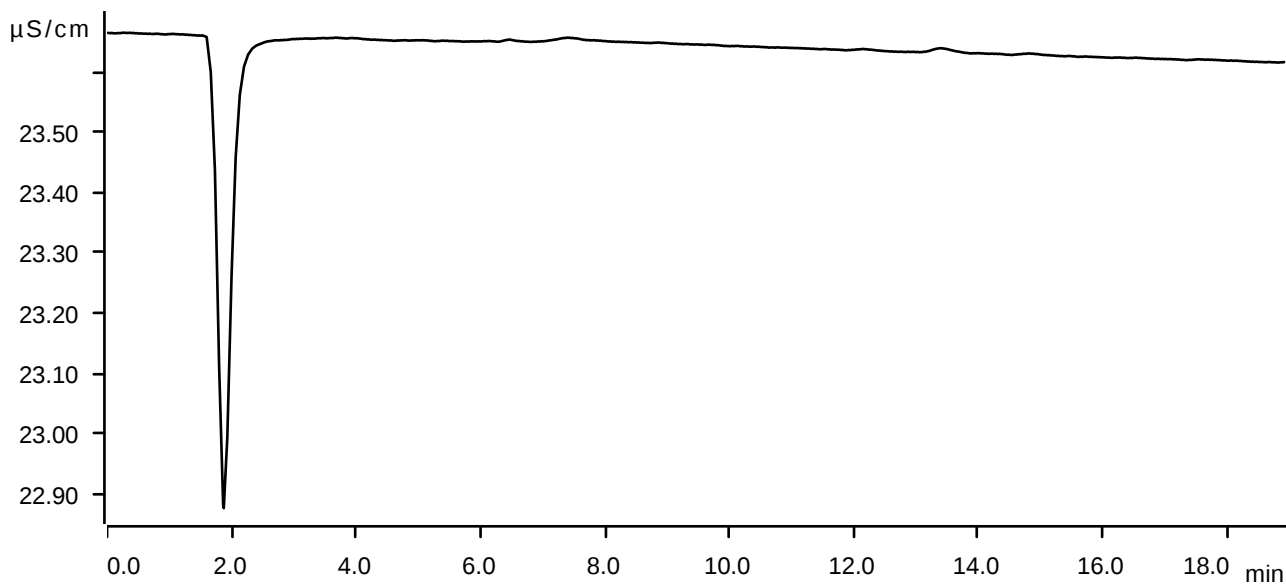
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-12-01 11:48:15 UTC-5	used
Standard 2	1	3.000	10.0	1.0	1.0	0.218	STD2	2025-12-01 12:09:37 UTC-5	used
Standard 3	1	6.000	10.0	1.0	1.0	0.426	STD3	2025-12-01 12:52:25 UTC-5	used
Standard 4	1	7.500	10.0	1.0	1.0	0.538	STD4	2025-12-01 13:13:50 UTC-5	used
Standard 5	1	15.000	10.0	1.0	1.0	1.108	STD5	2025-12-01 13:35:52 UTC-5	used
Standard 6	1	30.000	10.0	1.0	1.0	2.239	STD6	2025-12-01 13:57:13 UTC-5	used
Standard 7	1	37.000	10.0	1.0	1.0	2.844	STD7	2025-12-01 14:18:41 UTC-5	used

Sample data

Ident STD1
Sample type Standard 1
Determination start 2025-12-01 11:48:15 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.99 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

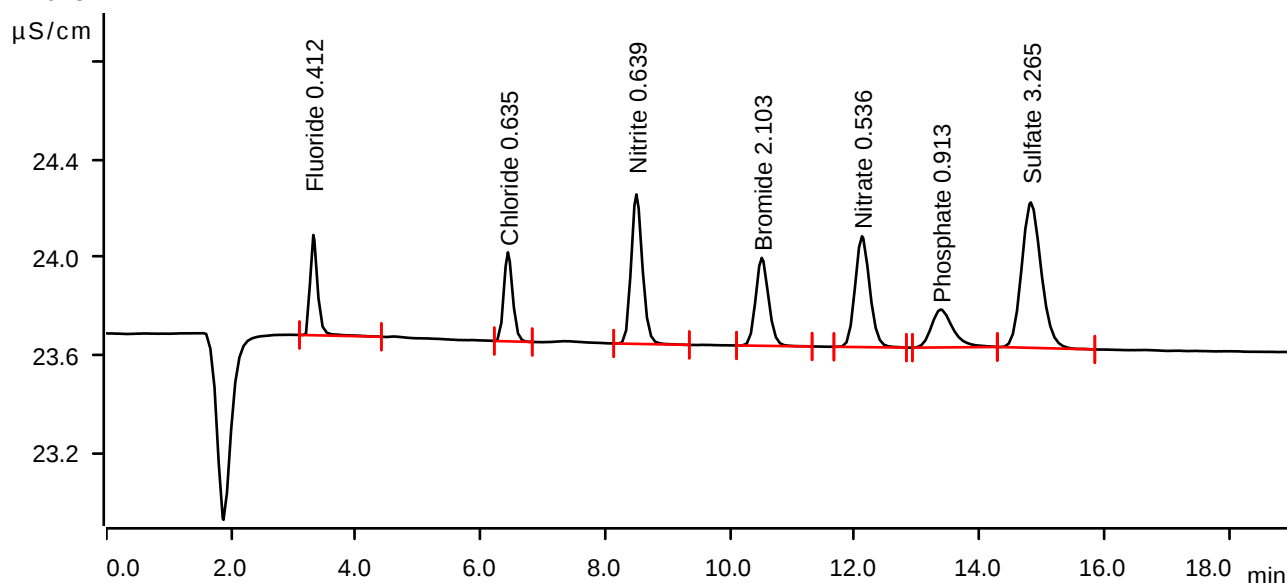
Sample data

Ident STD2
Sample type Standard 2
Determination start 2025-12-01 12:09:37 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.99 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.318	0.0571	0.411	0.412	Fluoride
2	6.438	0.0597	0.365	0.635	Chloride
3	8.498	0.1284	0.613	0.639	Nitrite
4	10.508	0.0863	0.360	2.103	Bromide
5	12.115	0.1238	0.454	0.536	Nitrate
6	13.373	0.0628	0.155	0.913	Phosphate
7	14.822	0.2176	0.596	3.265	Sulfate

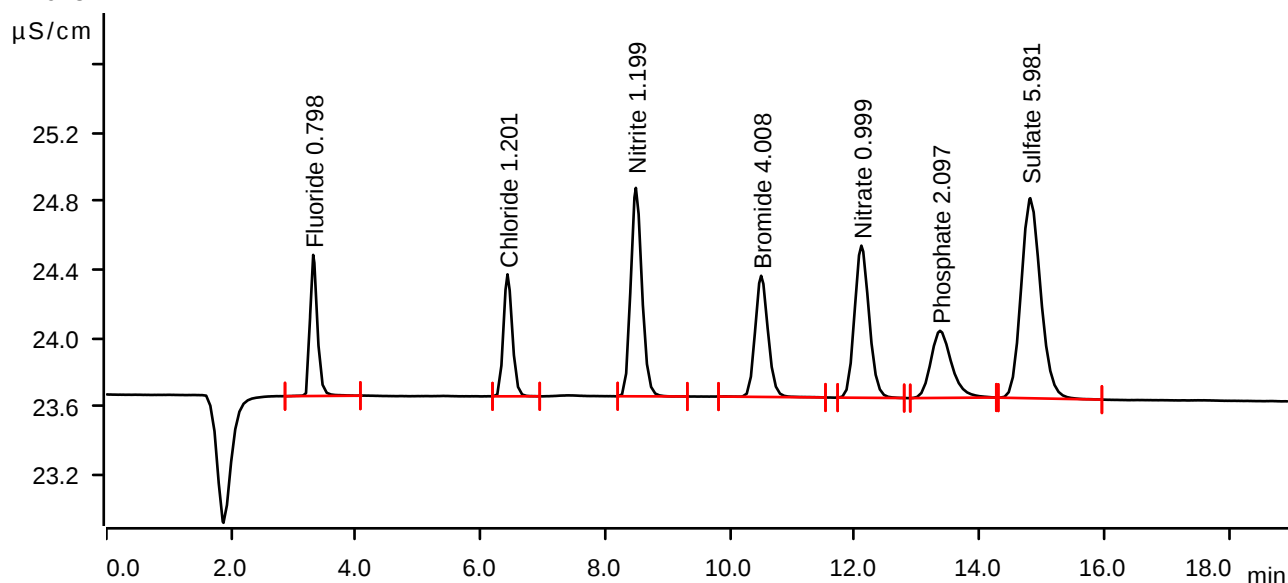
Sample data

Ident STD3
Sample type Standard 3
Determination start 2025-12-01 12:52:25 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.94 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.317	0.1121	0.826	0.798	Fluoride
2	6.432	0.1169	0.714	1.201	Chloride
3	8.490	0.2538	1.221	1.199	Nitrite
4	10.498	0.1698	0.710	4.008	Bromide
5	12.105	0.2411	0.891	0.999	Nitrate
6	13.367	0.1518	0.393	2.097	Phosphate
7	14.813	0.4264	1.172	5.981	Sulfate

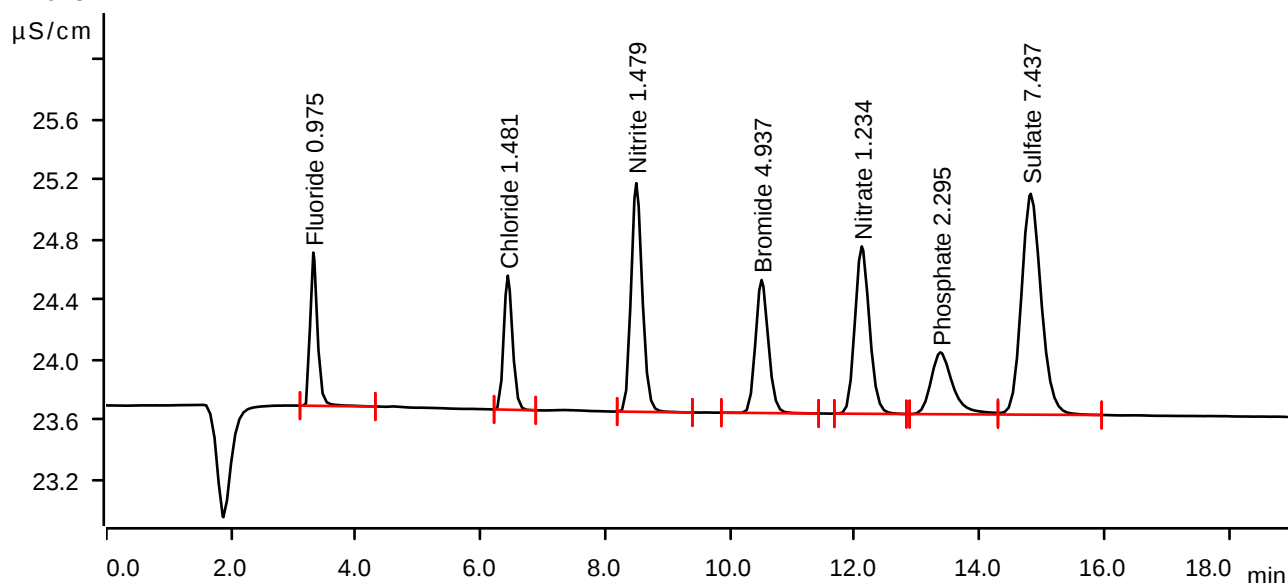
Sample data

Ident STD4
Sample type Standard 4
Determination start 2025-12-01 13:13:50 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.88 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.318	0.1374	1.017	0.975	Fluoride
2	6.437	0.1452	0.890	1.481	Chloride
3	8.497	0.3164	1.518	1.479	Nitrite
4	10.505	0.2105	0.883	4.937	Bromide
5	12.112	0.3007	1.111	1.234	Nitrate
6	13.372	0.1666	0.410	2.295	Phosphate
7	14.820	0.5384	1.466	7.437	Sulfate

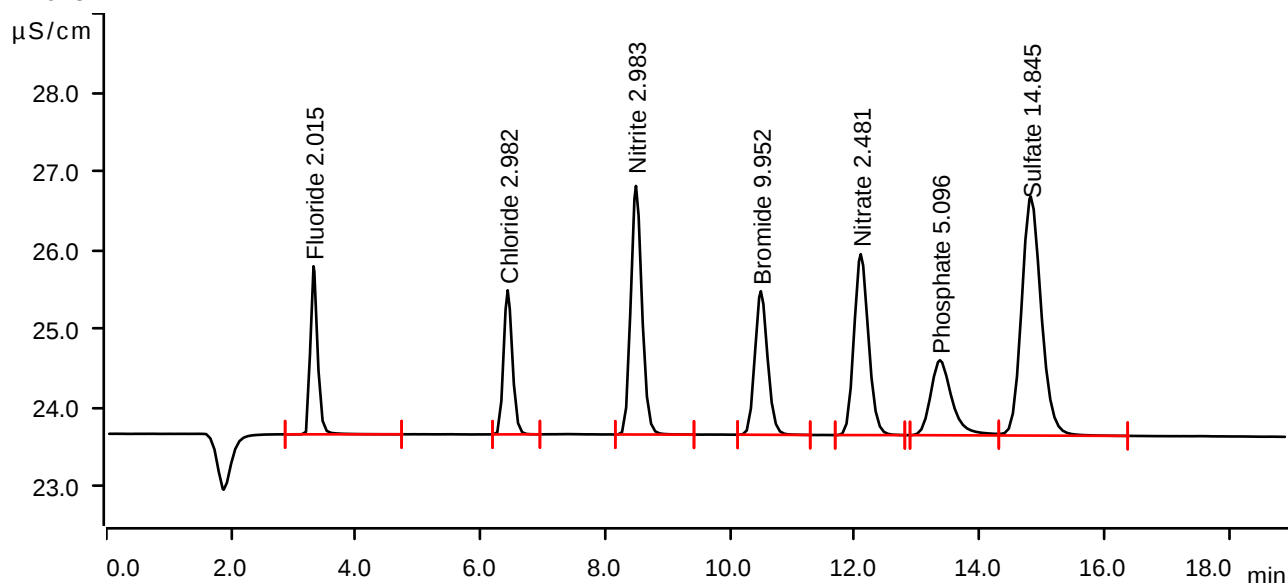
Sample data

Ident STD5
Sample type Standard 5
Determination start 2025-12-01 13:35:52 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.94 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.322	0.2857	2.133	2.015	Fluoride
2	6.435	0.2970	1.828	2.982	Chloride
3	8.492	0.6533	3.155	2.983	Nitrite
4	10.493	0.4302	1.822	9.952	Bromide
5	12.095	0.6166	2.297	2.481	Nitrate
6	13.365	0.3772	0.952	5.096	Phosphate
7	14.820	1.1081	3.035	14.845	Sulfate

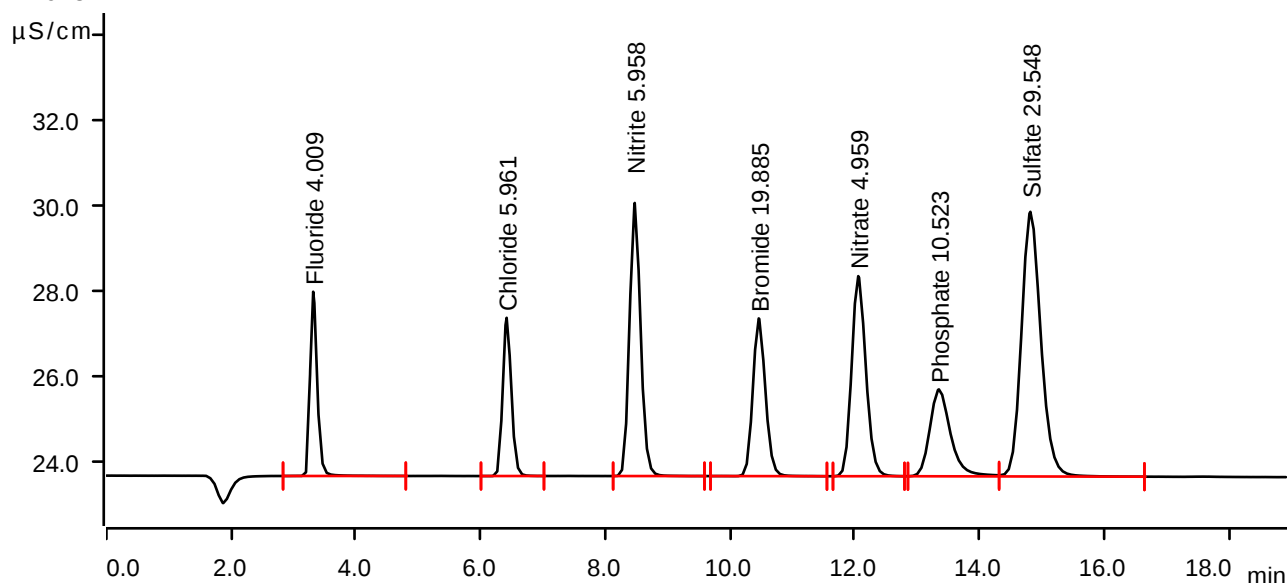
Sample data

Ident STD6
Sample type Standard 6
Determination start 2025-12-01 13:57:13 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.88 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.317	0.5701	4.316	4.009	Fluoride
2	6.418	0.5981	3.707	5.961	Chloride
3	8.472	1.3194	6.398	5.958	Nitrite
4	10.460	0.8655	3.695	19.885	Bromide
5	12.055	1.2443	4.688	4.959	Nitrate
6	13.348	0.7852	2.036	10.523	Phosphate
7	14.815	2.2388	6.200	29.548	Sulfate

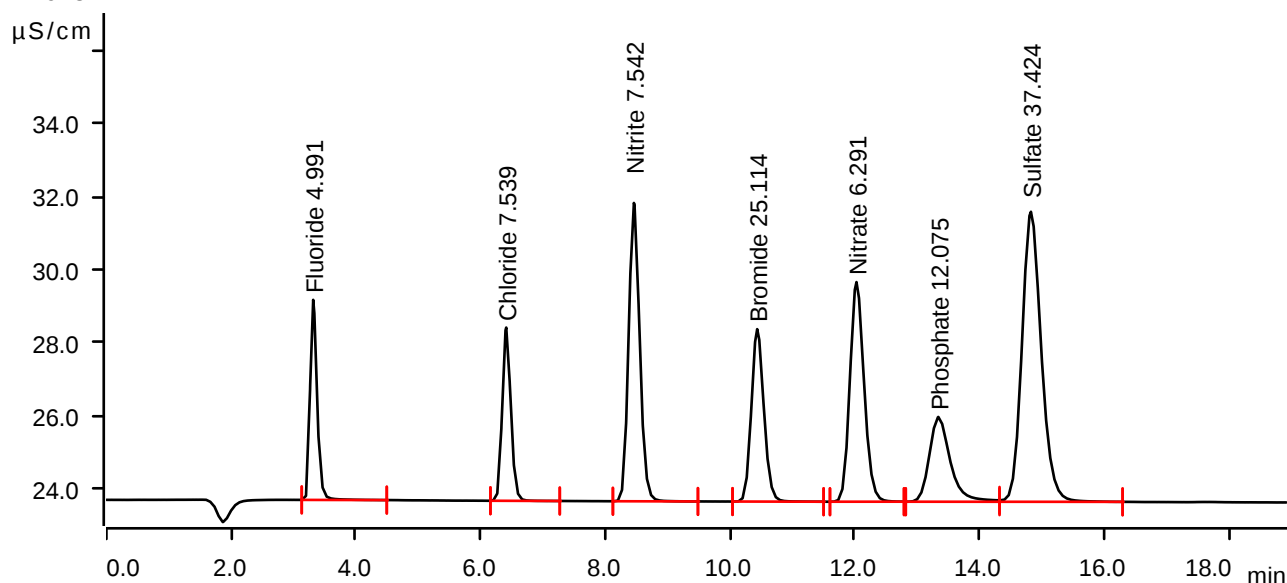
Sample data

Ident STD7
Sample type Standard 7
Determination start 2025-12-01 14:18:41 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.77 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	3.317	0.7102	5.467	4.991	Fluoride
2	6.412	0.7576	4.735	7.539	Chloride
3	8.458	1.6742	8.154	7.542	Nitrite
4	10.435	1.0946	4.713	25.114	Bromide
5	12.027	1.5818	6.003	6.291	Nitrate
6	13.340	0.9019	2.316	12.075	Phosphate
7	14.823	2.8445	7.927	37.424	Sulfate

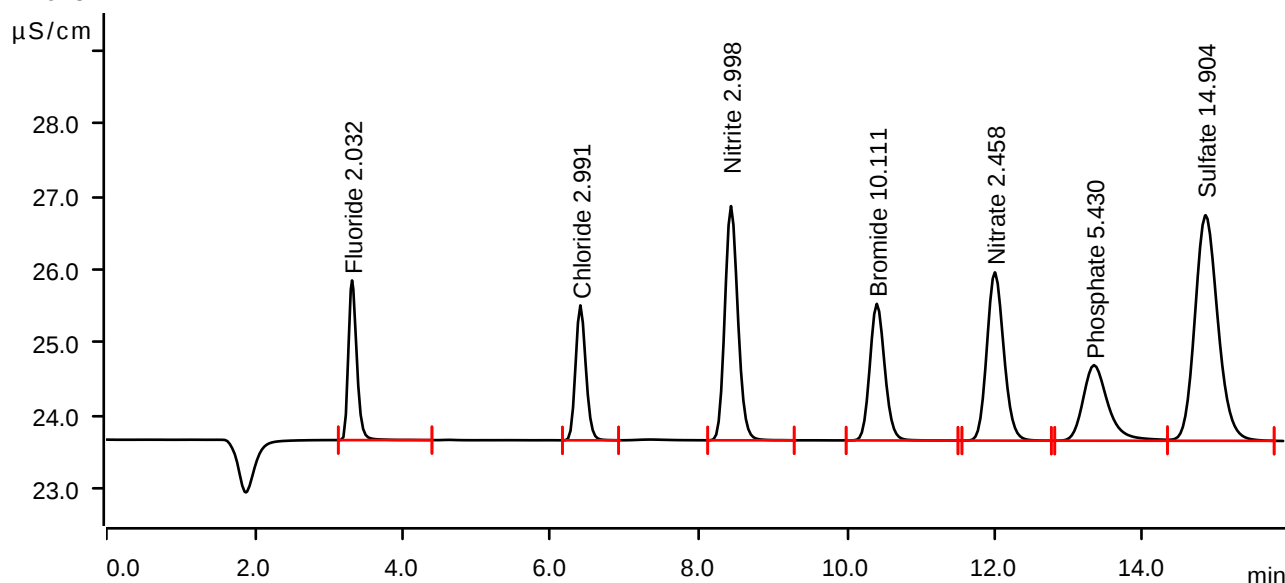
Sample data

Ident ICV
Sample type Check standard 1
Determination start 2025-12-01 14:40:08 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 15.9 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.82 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



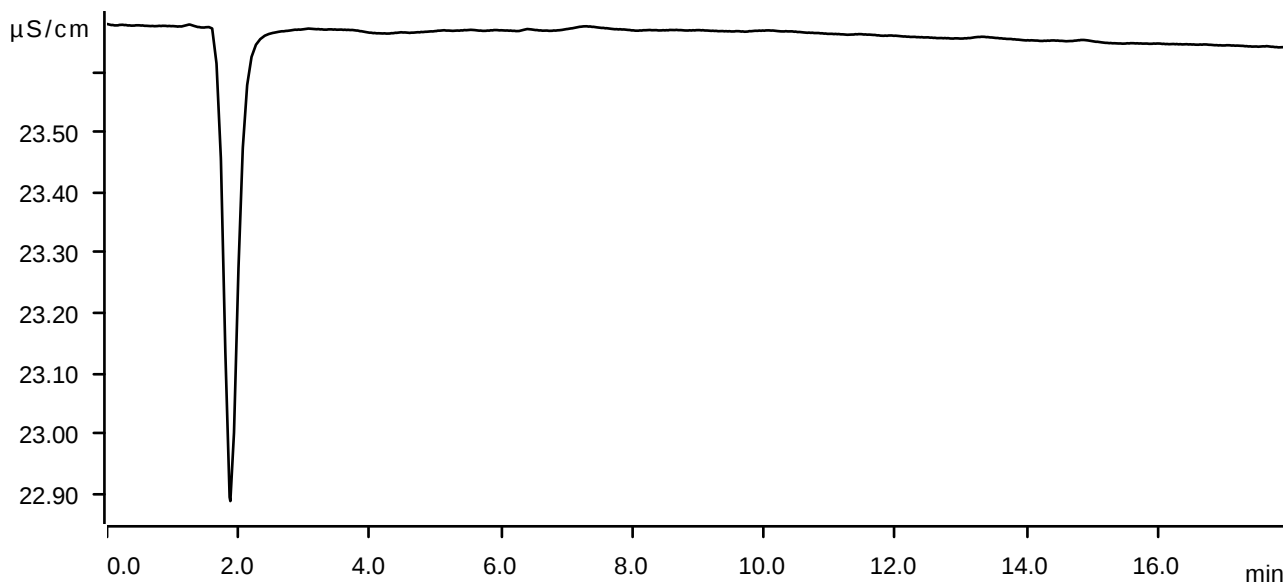
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.318	0.2884	2.182	2.032	Fluoride
2	6.400	0.2984	1.844	2.991	Chloride
3	8.433	0.6564	3.200	2.998	Nitrite
4	10.403	0.4372	1.866	10.111	Bromide
5	11.995	0.6105	2.299	2.458	Nitrate
6	13.335	0.4042	1.033	5.430	Phosphate
7	14.842	1.1126	3.083	14.904	Sulfate

Sample data

Ident ICB
Sample type Sample
Determination start 2025-12-01 14:58:59 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 18.1 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.60 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

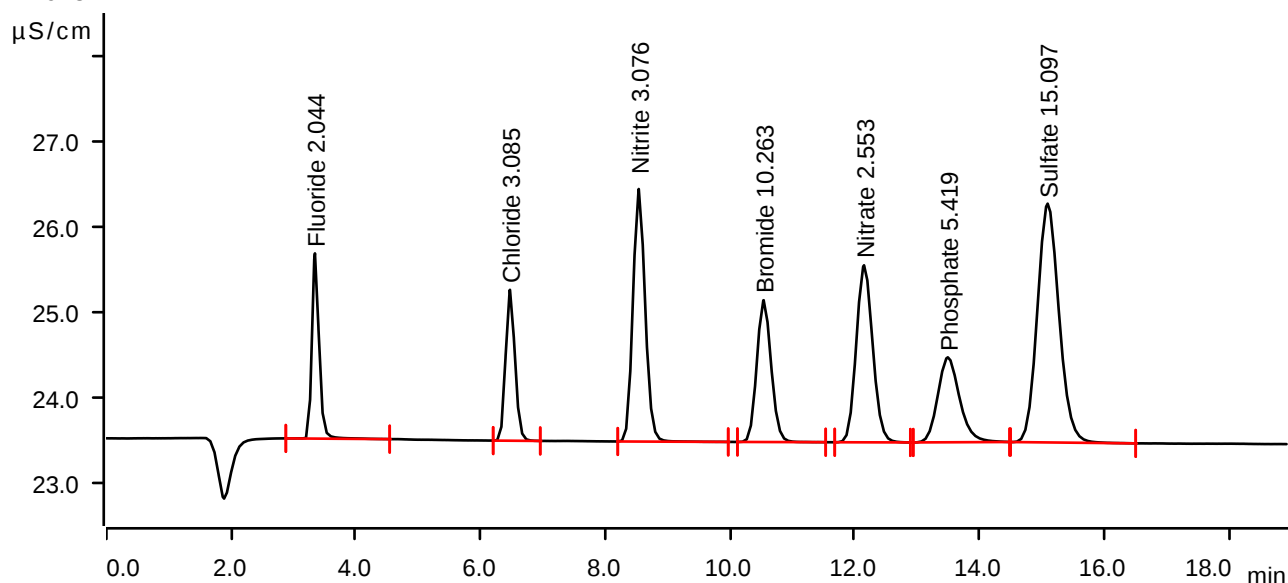
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-12-12 10:30:59 UTC-5
Method IC1-120125
Operator

Anions

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

Anions



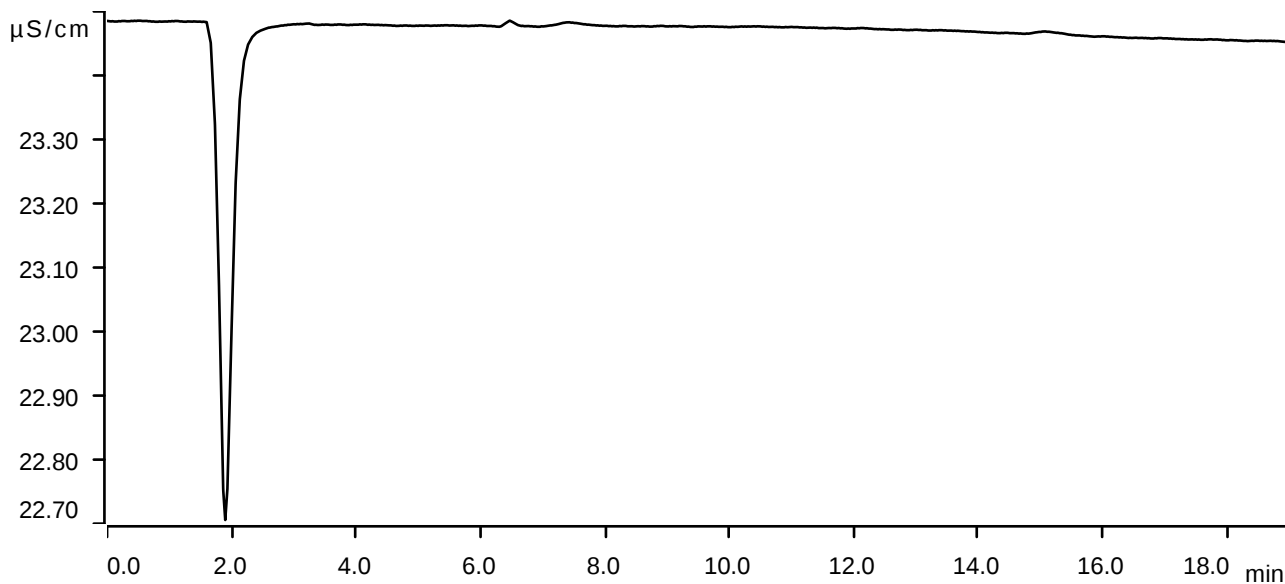
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.345	0.2901	2.169	2.044	Fluoride
2	6.472	0.3078	1.767	3.085	Chloride
3	8.537	0.6738	2.958	3.076	Nitrite
4	10.538	0.4438	1.662	10.263	Bromide
5	12.148	0.6347	2.073	2.553	Nitrate
6	13.492	0.4034	0.995	5.419	Phosphate
7	15.092	1.1275	2.797	15.097	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-12-12 10:52:35 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.27 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

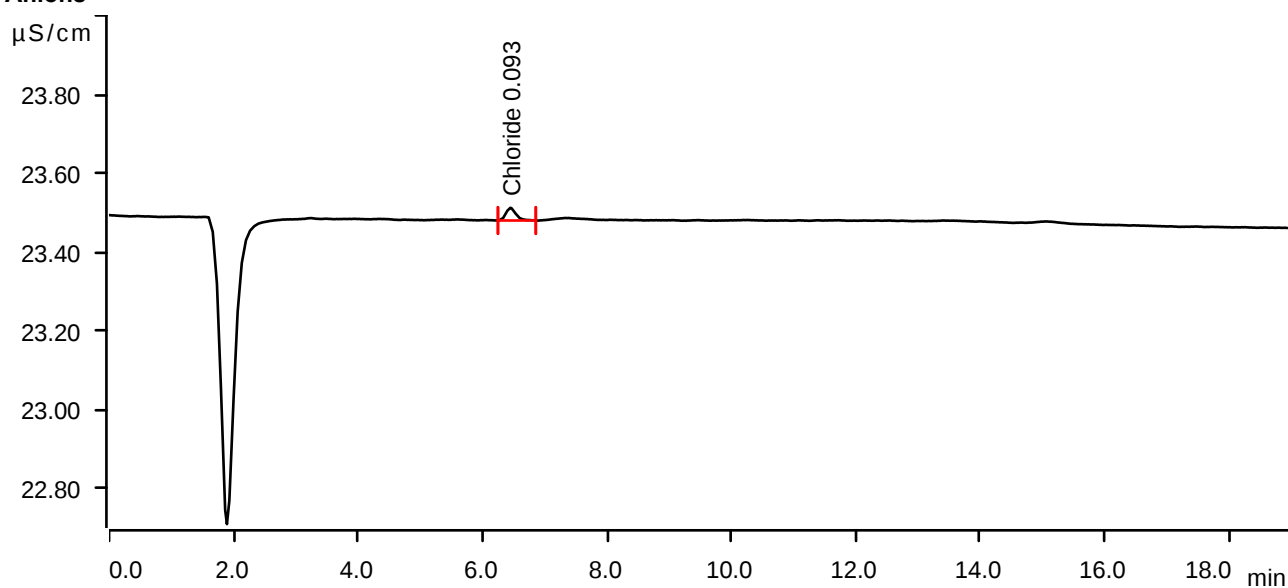
Sample data

Ident LB138212BLW
Sample type Sample
Determination start 2025-12-12 11:14:05 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.22 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.448	0.0060	0.032	0.093	Chloride

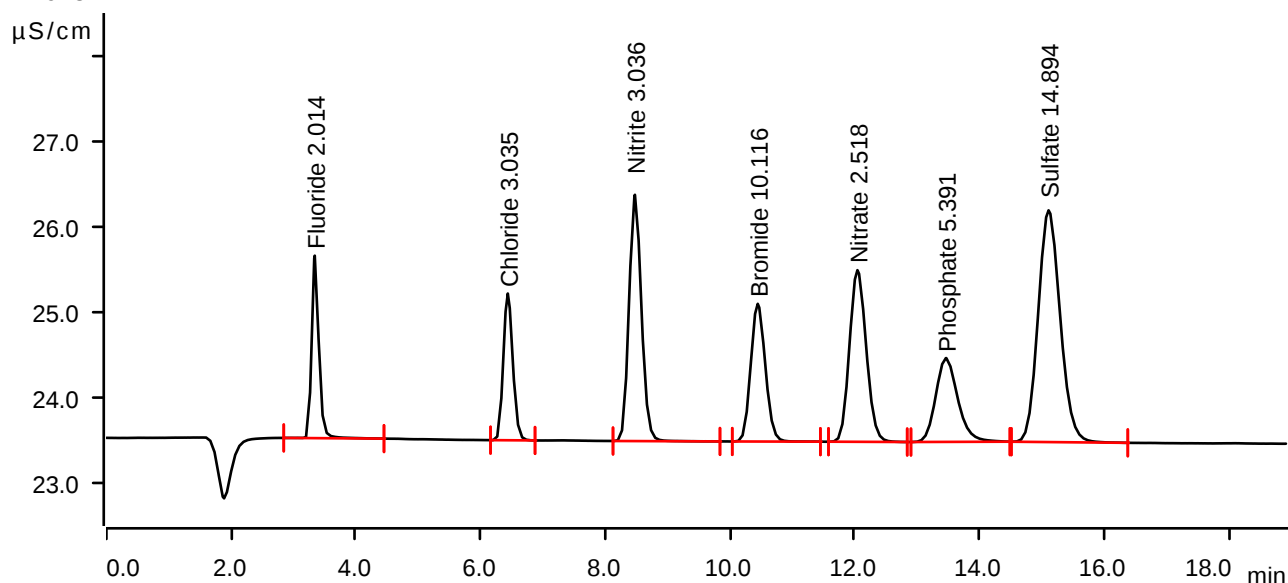
Sample data

Ident LB138212BSW
Sample type Check standard 1
Determination start 2025-12-12 11:35:25 UTC-5
Method IC1-120125
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.342	0.2857	2.137	2.014	Fluoride
2	6.437	0.3028	1.719	3.035	Chloride
3	8.475	0.6648	2.885	3.036	Nitrite
4	10.443	0.4374	1.613	10.116	Bromide
5	12.042	0.6259	2.011	2.518	Nitrate
6	13.460	0.4013	0.982	5.391	Phosphate
7	15.107	1.1119	2.714	14.894	Sulfate

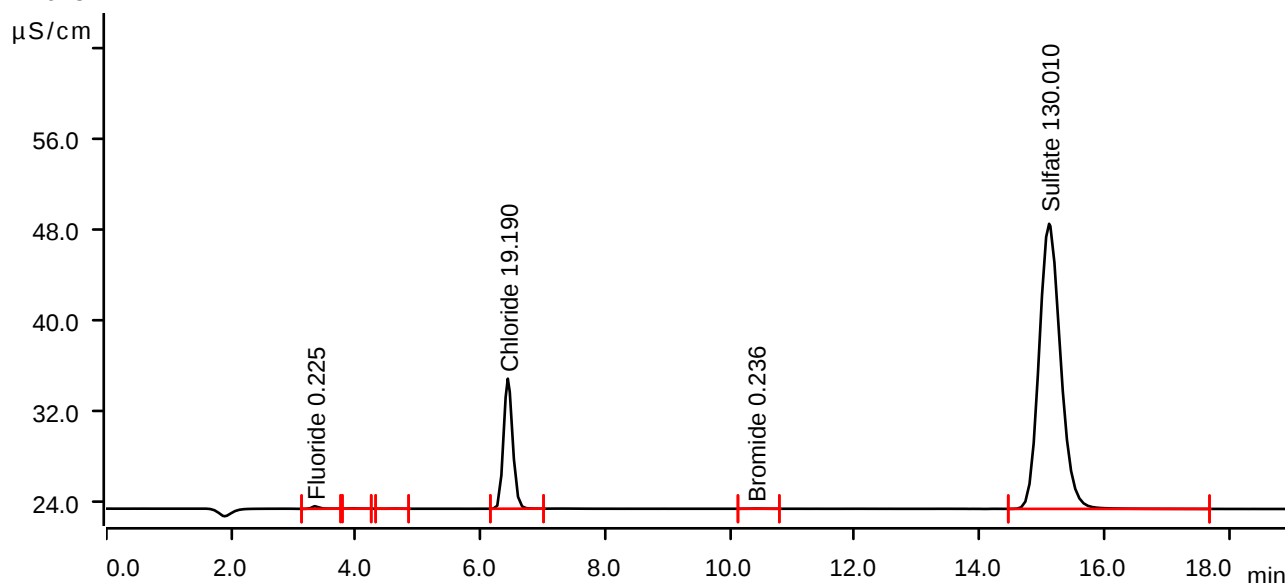
Sample data

Ident Q3849-03
Sample type Sample
Determination start 2025-12-12 11:56:57 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.99 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.345	0.0308	0.221	0.225	Fluoride
2	3.955	0.0047	0.024	invalid	
3	4.630	0.0018	0.011	invalid	
4	6.437	1.9327	11.426	19.190	Chloride
5	10.410	0.0044	0.016	0.236	Bromide
6	15.115	9.9646	25.047	130.010	Sulfate

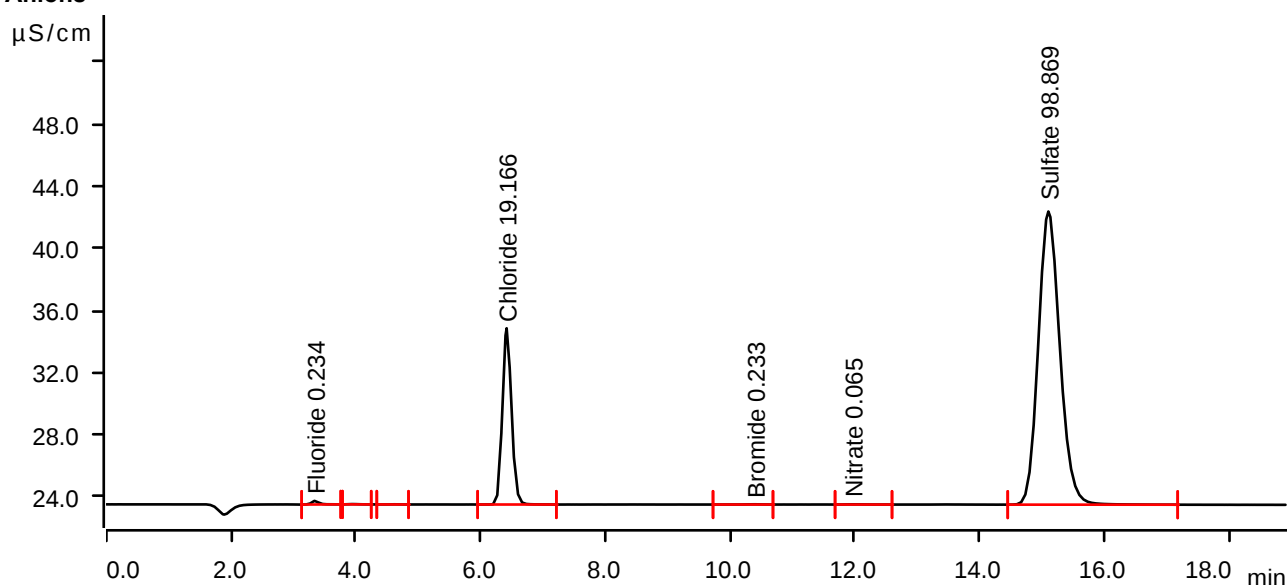
Sample data

Ident Q3849-05
Sample type Sample
Determination start 2025-12-12 12:18:30 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.99 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.340	0.0321	0.230	0.234	Fluoride
2	3.952	0.0041	0.021	invalid	
3	4.615	0.0018	0.010	invalid	
4	6.418	1.9304	11.355	19.166	Chloride
5	10.398	0.0043	0.015	0.233	Bromide
6	11.963	0.0043	0.013	0.065	Nitrate
7	15.103	7.5698	18.888	98.869	Sulfate

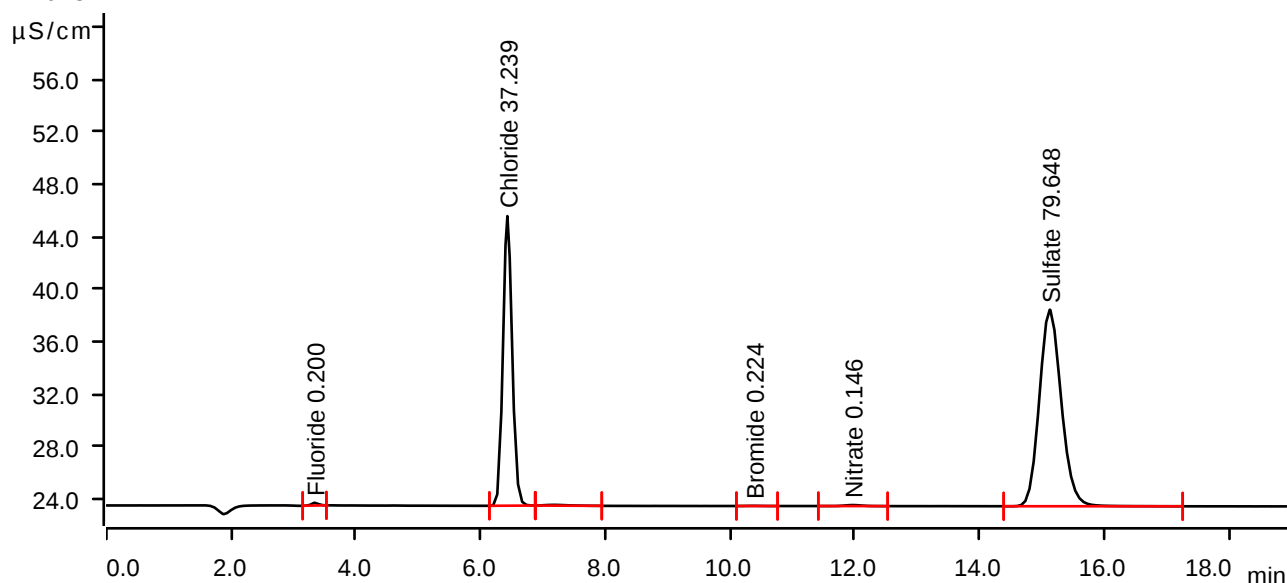
Sample data

Ident Q3849-09
Sample type Sample
Determination start 2025-12-12 12:40:03 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.99 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.338	0.0273	0.212	0.200	Fluoride
2	6.430	3.7538	22.050	37.239	Chloride
3	7.160	0.0252	0.059	invalid	
4	10.378	0.0039	0.014	0.224	Bromide
5	11.963	0.0249	0.077	0.146	Nitrate
6	15.125	6.0916	14.969	79.648	Sulfate

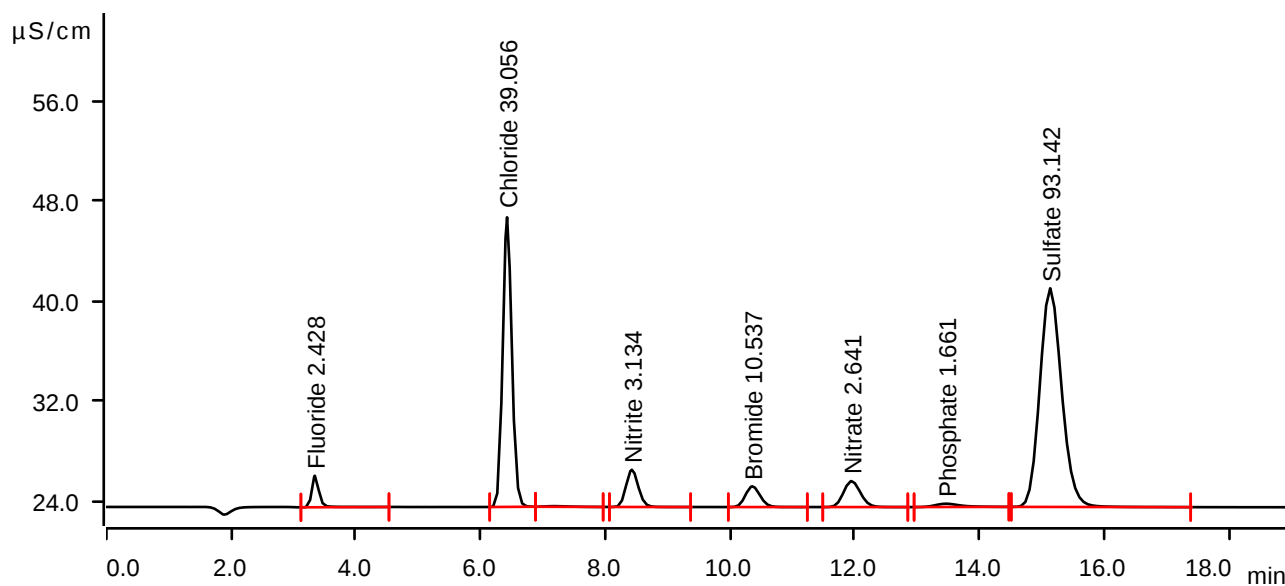
Sample data

Ident Q3849-09MS
Sample type Sample
Determination start 2025-12-12 13:01:37 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.82 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.343	0.3448	2.525	2.428	Fluoride
2	6.425	3.9371	23.180	39.056	Chloride
3	7.178	0.0223	0.052	invalid	
4	8.425	0.6868	2.981	3.134	Nitrite
5	10.357	0.4558	1.660	10.537	Bromide
6	11.947	0.6570	2.077	2.641	Nitrate
7	13.465	0.1226	0.265	1.661	Phosphate
8	15.132	7.1293	17.498	93.142	Sulfate

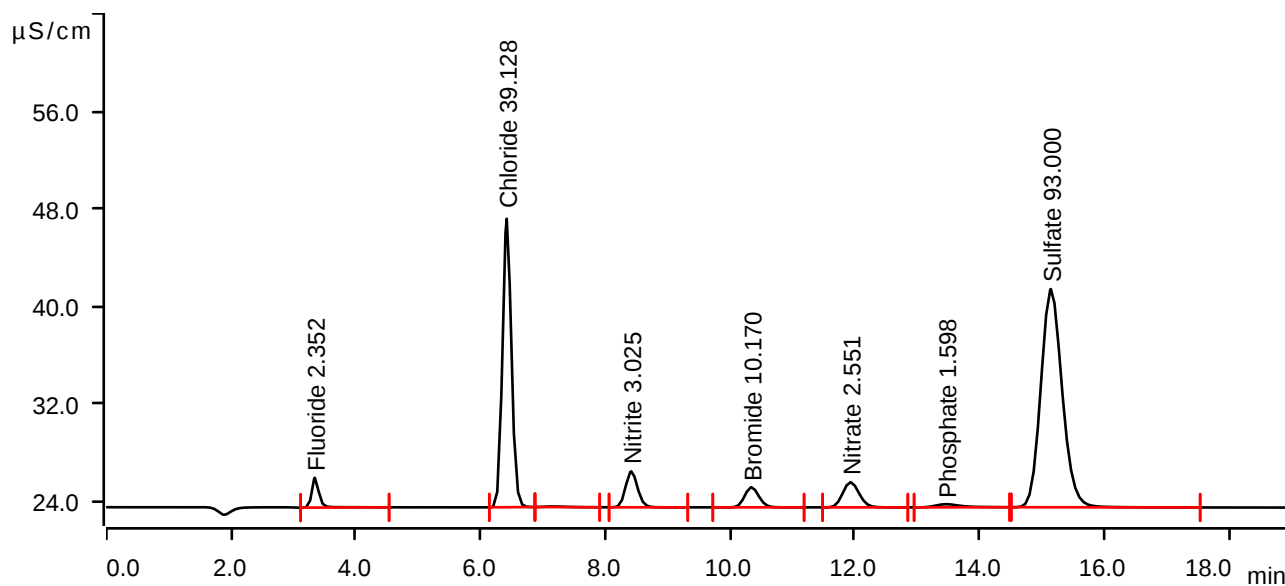
Sample data

Ident Q3849-09MSD
Sample type Sample
Determination start 2025-12-12 13:23:12 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.88 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.343	0.3340	2.445	2.352	Fluoride
2	6.420	3.9444	23.653	39.128	Chloride
3	7.168	0.0218	0.052	invalid	
4	8.417	0.6624	2.946	3.025	Nitrite
5	10.343	0.4398	1.650	10.170	Bromide
6	11.932	0.6343	2.068	2.551	Nitrate
7	13.467	0.1179	0.257	1.598	Phosphate
8	15.143	7.1184	17.889	93.000	Sulfate

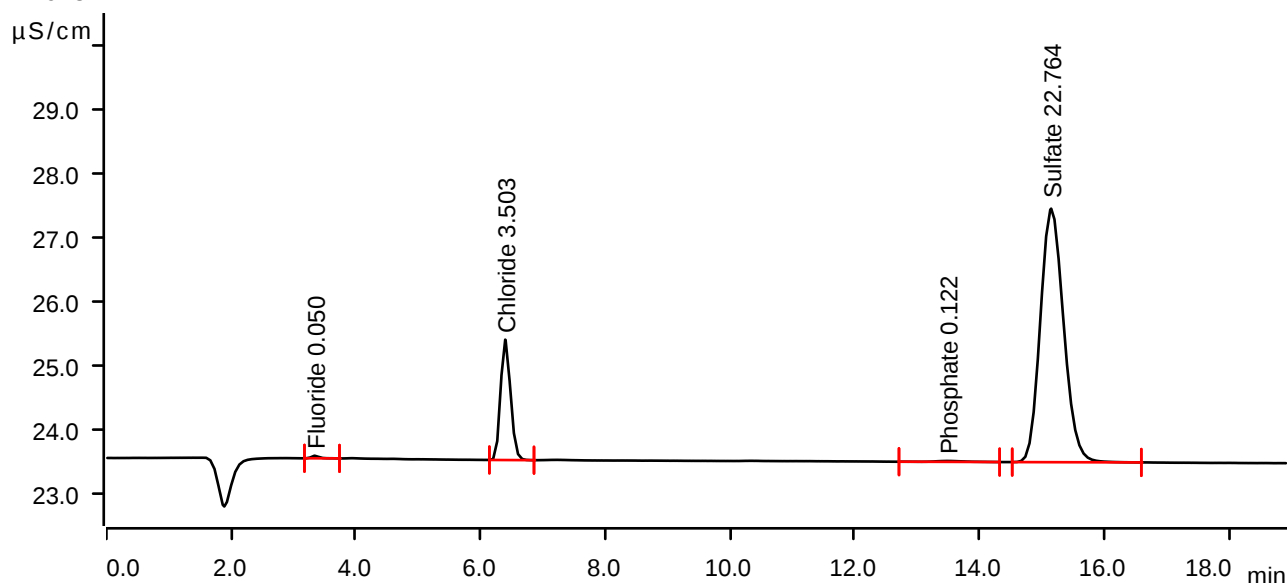
Sample data

Ident Q3849-03DLX5
Sample type Sample
Determination start 2025-12-12 13:44:47 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.77 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.342	0.0058	0.040	0.050	Fluoride
2	6.395	0.3501	1.880	3.503	Chloride
3	13.487	0.0076	0.014	0.122	Phosphate
4	15.148	1.7171	3.959	22.764	Sulfate

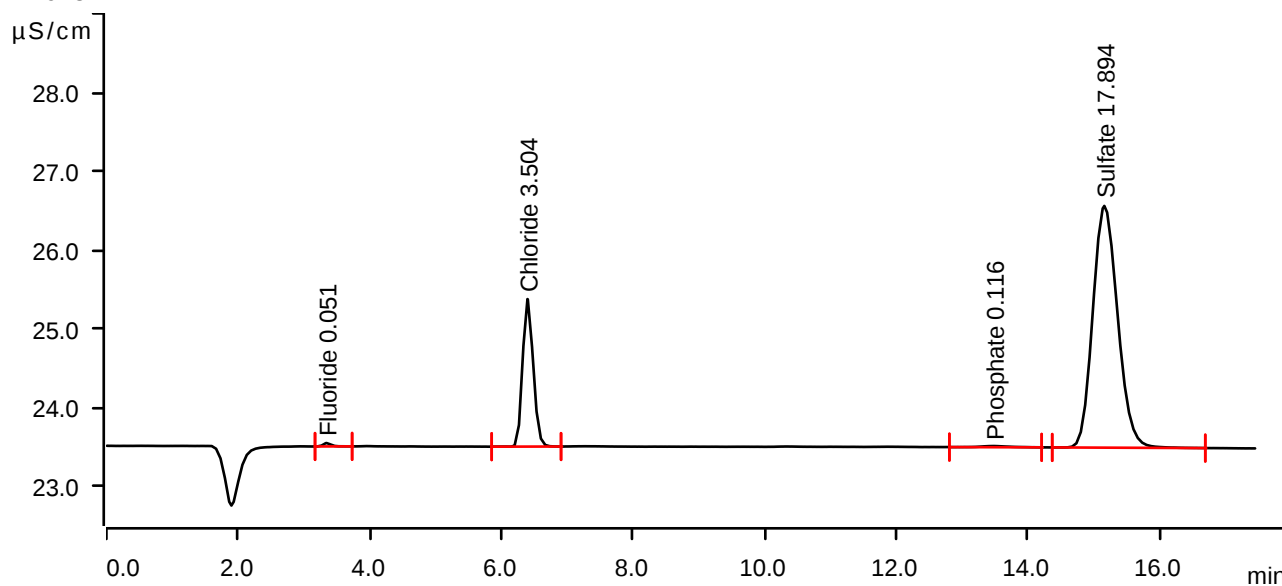
Sample data

Ident Q3849-05DLX5
Sample type Sample
Determination start 2025-12-12 14:06:20 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 17.5 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.77 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	3.345	0.0060	0.043	0.051	Fluoride
2	6.397	0.3502	1.872	3.504	Chloride
3	13.480	0.0072	0.015	0.116	Phosphate
4	15.158	1.3426	3.068	17.894	Sulfate

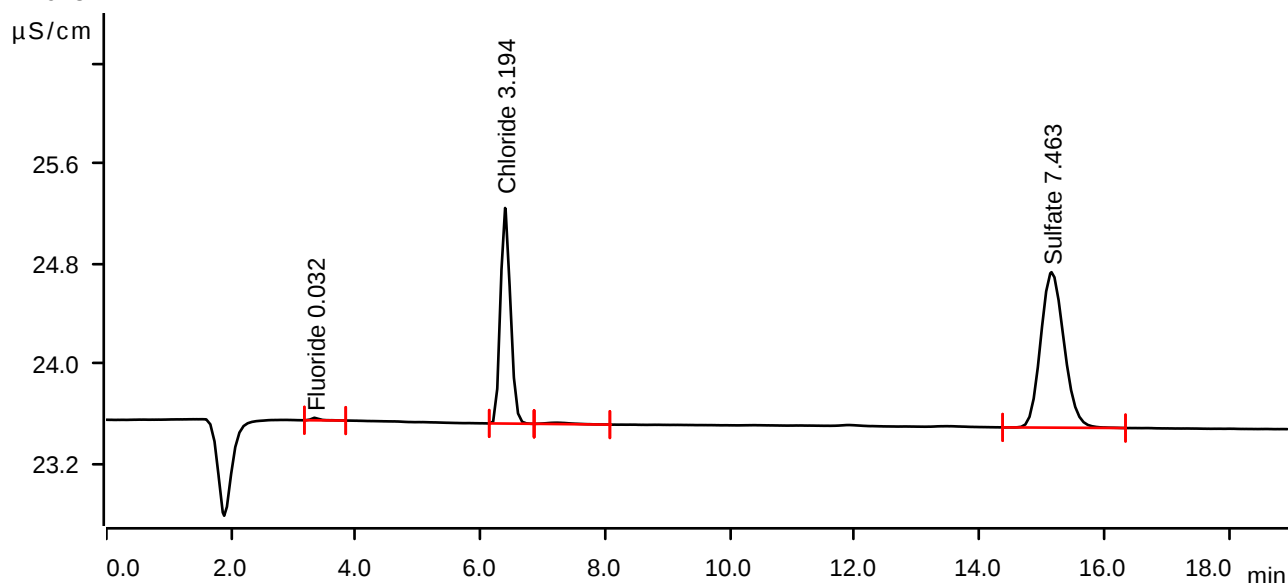
Sample data

Ident Q3849-09DLX10
Sample type Sample
Determination start 2025-12-12 14:54:54 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.82 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.340	0.0032	0.020	0.032	Fluoride
2	6.393	0.3189	1.725	3.194	Chloride
3	7.237	0.0051	0.011	invalid	
4	15.153	0.5404	1.245	7.463	Sulfate

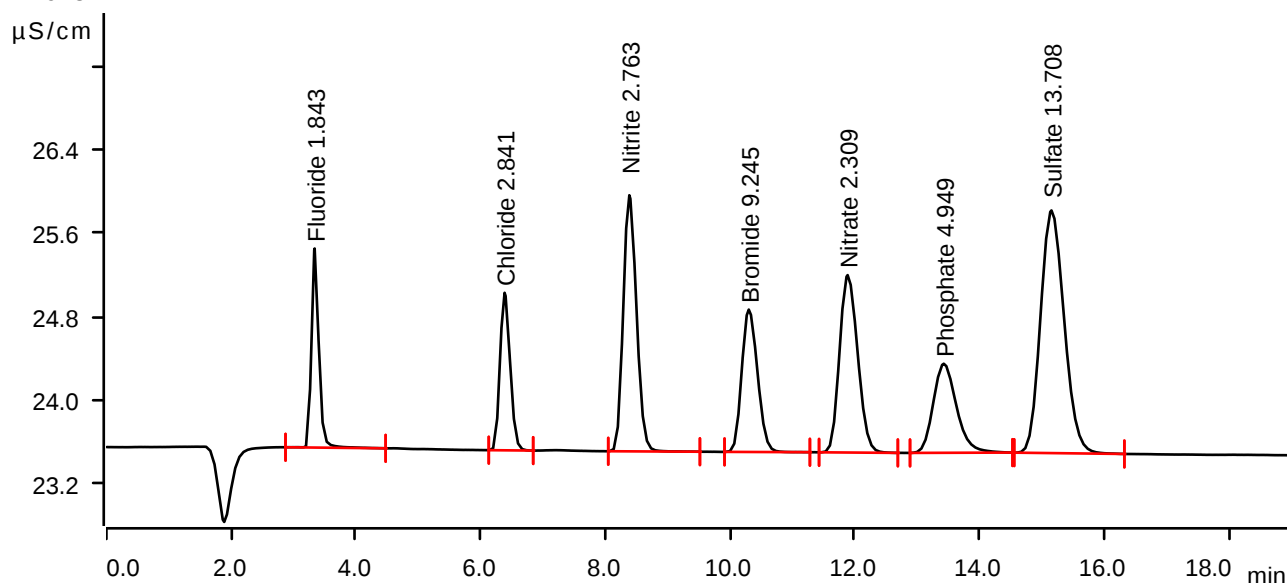
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-12-12 15:59:55 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.82 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



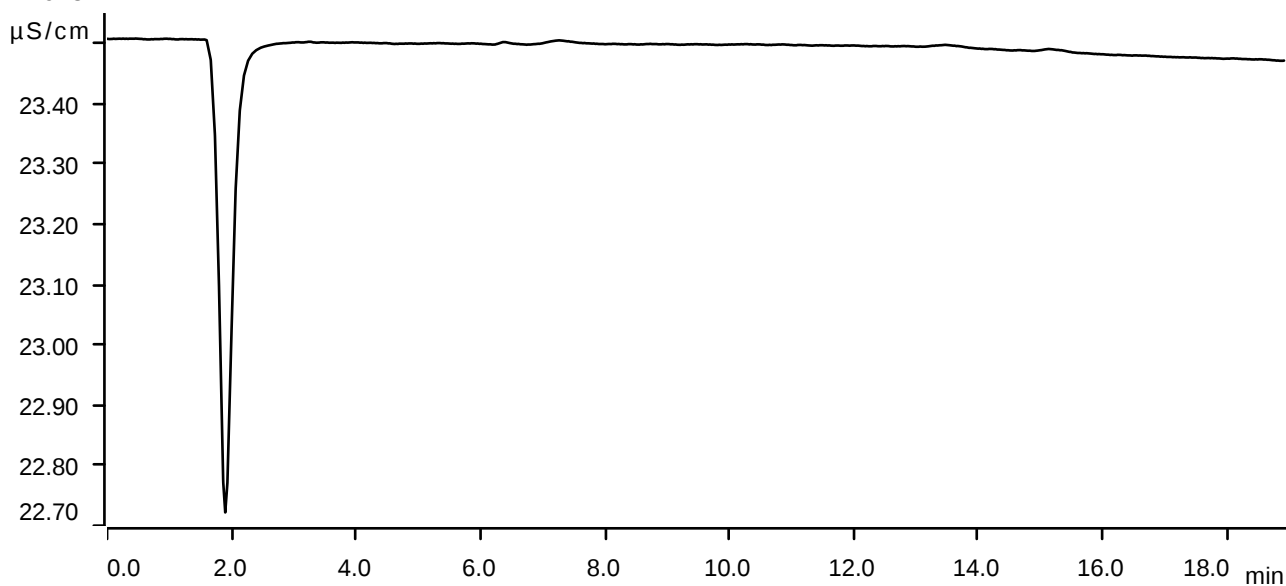
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.340	0.2614	1.903	1.843	Fluoride
2	6.385	0.2832	1.507	2.841	Chloride
3	8.385	0.6036	2.450	2.763	Nitrite
4	10.300	0.3992	1.362	9.245	Bromide
5	11.885	0.5730	1.697	2.309	Nitrate
6	13.427	0.3683	0.852	4.949	Phosphate
7	15.153	1.0206	2.321	13.708	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-12-12 16:21:37 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.77 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

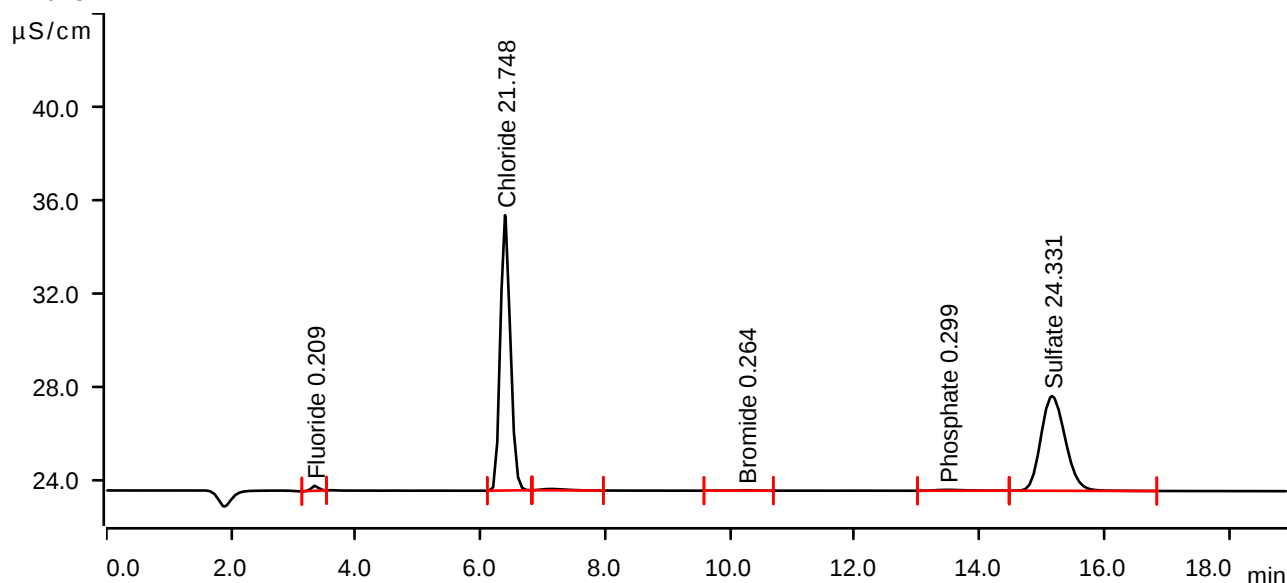
Sample data

Ident Q3863-01
Sample type Sample
Determination start 2025-12-12 16:43:07 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.71 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.342	0.0285	0.213	0.209	Fluoride
2	6.392	2.1908	11.824	21.748	Chloride
3	7.132	0.0253	0.057	invalid	
4	10.260	0.0057	0.017	0.264	Bromide
5	13.483	0.0208	0.037	0.299	Phosphate
6	15.162	1.8376	4.067	24.331	Sulfate

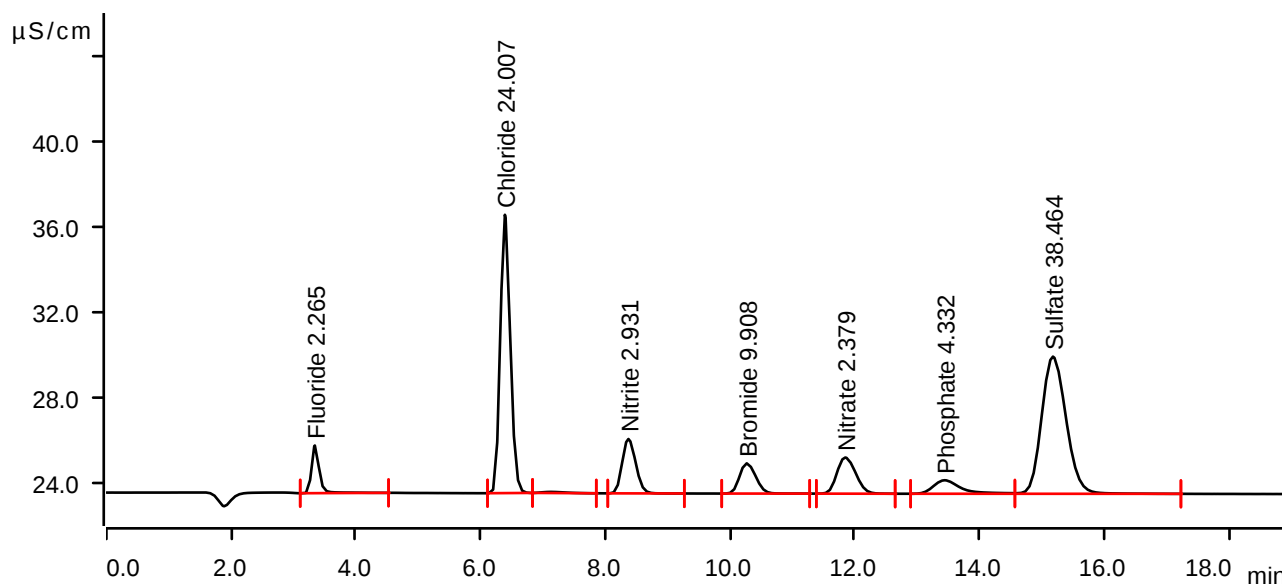
Sample data

Ident Q3863-02MS
Sample type Sample
Determination start 2025-12-12 17:04:38 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.60 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	3.343	0.3215	2.233	2.265	Fluoride
2	6.390	2.4188	13.041	24.007	Chloride
3	7.118	0.0227	0.052	invalid	
4	8.370	0.6413	2.549	2.931	Nitrite
5	10.267	0.4283	1.416	9.908	Bromide
6	11.847	0.5907	1.694	2.379	Nitrate
7	13.440	0.3222	0.633	4.332	Phosphate
8	15.177	2.9245	6.428	38.464	Sulfate

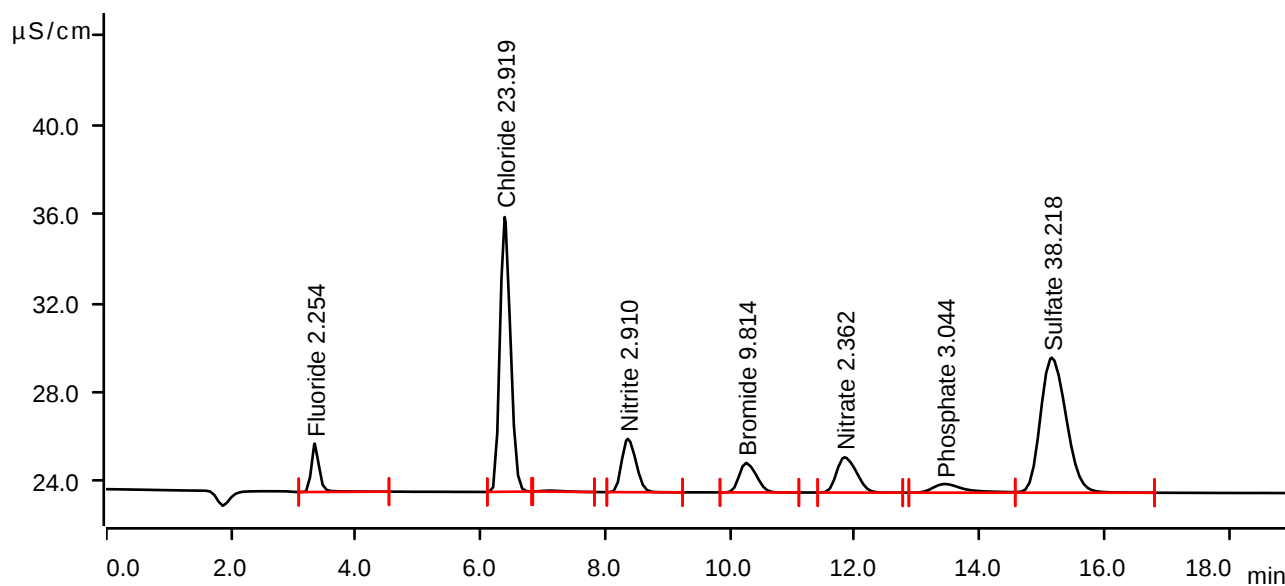
Sample data

Ident Q3863-03MSD
Sample type Sample
Determination start 2025-12-12 17:58:10 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.60 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.342	0.3199	2.173	2.254	Fluoride
2	6.387	2.4099	12.334	23.919	Chloride
3	7.105	0.0188	0.045	invalid	
4	8.360	0.6366	2.393	2.910	Nitrite
5	10.258	0.4242	1.324	9.814	Bromide
6	11.837	0.5864	1.585	2.362	Nitrate
7	13.443	0.2259	0.388	3.044	Phosphate
8	15.157	2.9055	6.062	38.218	Sulfate

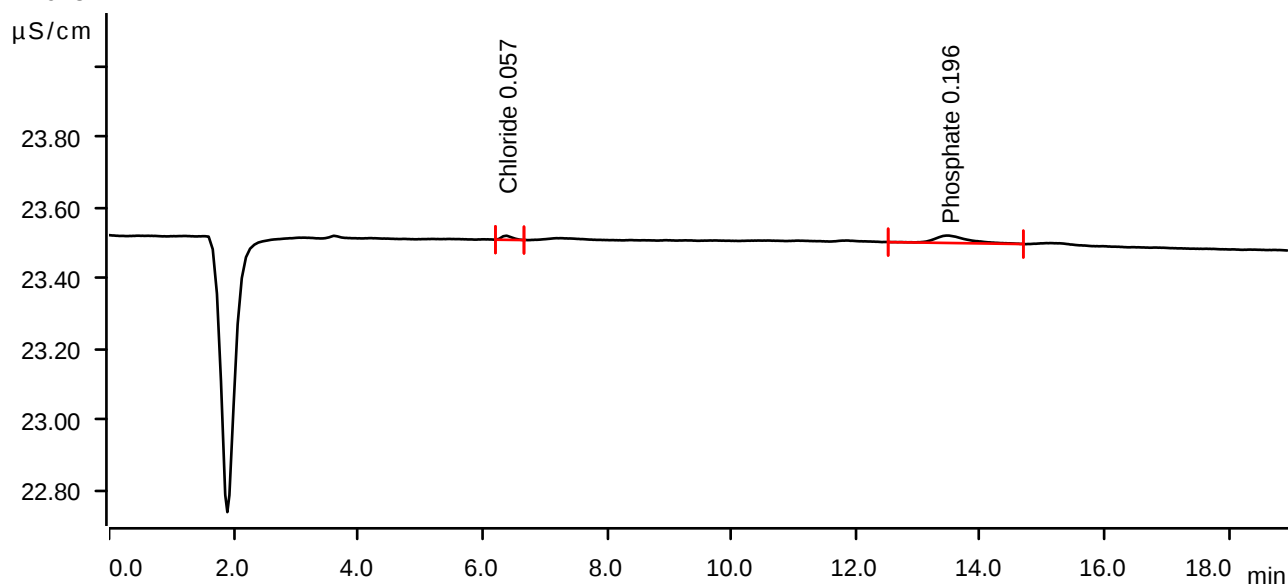
Sample data

Ident Q3863-10
Sample type Sample
Determination start 2025-12-12 18:19:40 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.66 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	6.385	0.0023	0.012	0.057	Chloride
2	13.453	0.0131	0.021	0.196	Phosphate

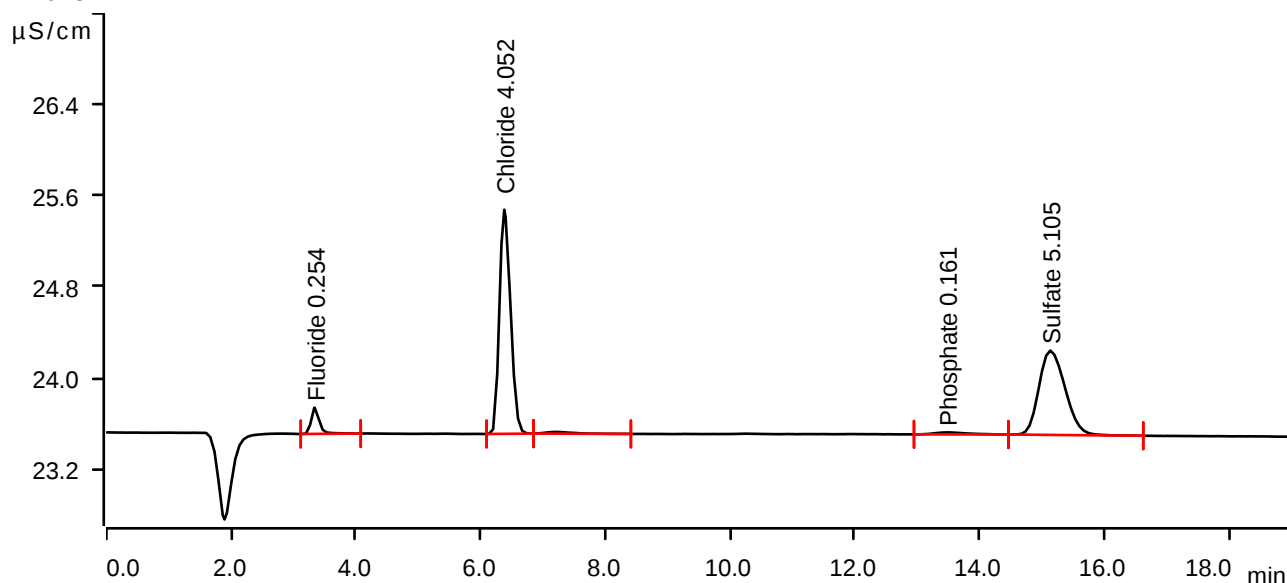
Sample data

Ident Q3863-01DLX5
Sample type Sample
Determination start 2025-12-12 18:41:09 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.77 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.340	0.0350	0.231	0.254	Fluoride
2	6.380	0.4054	1.969	4.052	Chloride
3	7.223	0.0076	0.015	invalid	
4	13.473	0.0105	0.018	0.161	Phosphate
5	15.133	0.3591	0.741	5.105	Sulfate

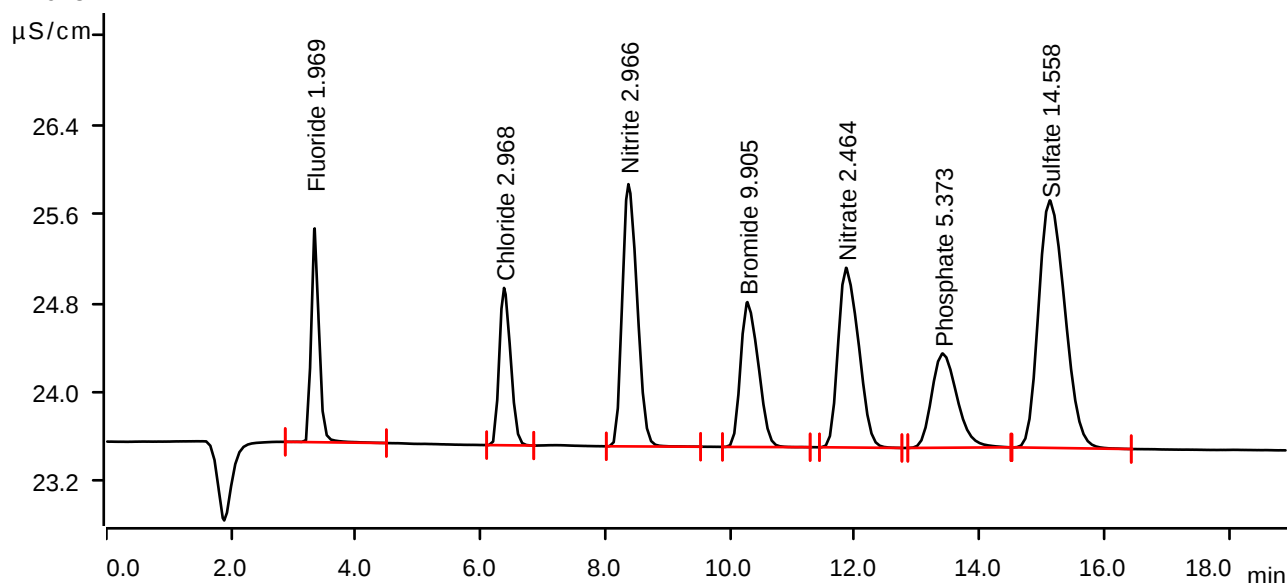
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-12-12 19:02:36 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.77 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



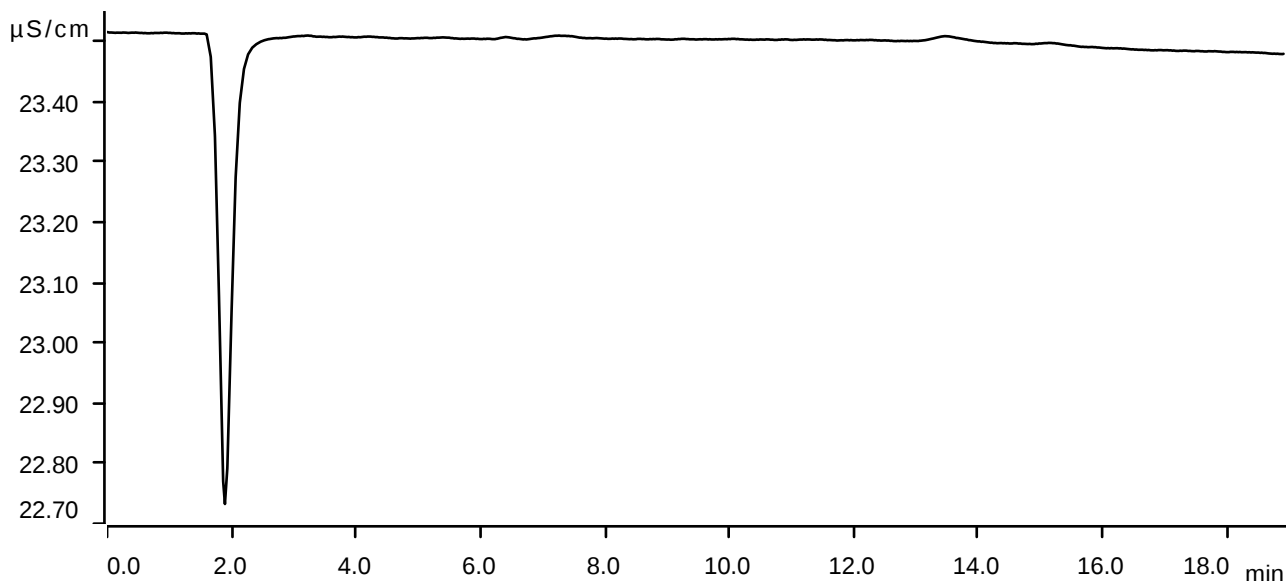
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.340	0.2793	1.919	1.969	Fluoride
2	6.377	0.2961	1.413	2.968	Chloride
3	8.370	0.6491	2.355	2.966	Nitrite
4	10.278	0.4282	1.301	9.905	Bromide
5	11.860	0.6121	1.614	2.464	Nitrate
6	13.410	0.4000	0.847	5.373	Phosphate
7	15.125	1.0860	2.223	14.558	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-12-12 20:50:02 UTC-5
Method IC1-120125
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.88 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

TOTAL Dissolved Solids - SM2540C

WORKLIST(Hardcopy Internal Chain)

UB 138213

WorkList Name : tds q3849

WorkList ID : 193624

Department : Wet-Chemistry

Date : 12-12-2025 10:59:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3849-03	D MW-18B-57.5-121125	Water	TDS	Cool 4 deg C	JACO05	G11	12/11/2025	SM2540 C
Q3849-05	D MW-18B-57.5-121125-FD	Water	TDS	Cool 4 deg C	JACO05	G11	12/11/2025	SM2540 C
Q3849-09	G MW-19B-71.5-121125	Water	TDS	Cool 4 deg C	JACO05	G11	12/11/2025	SM2540 C
Q3863-01	F MW-17B-55-121225	Water	TDS	Cool 4 deg C	JACO05	G12	12/12/2025	SM2540 C
Q3863-10	F EB-01-12125	Water	TDS	Cool 4 deg C	JACO05	G12	12/12/2025	SM2540 C

Date/Time 12-12-25 15:20

Raw Sample Received by: 80 WOC

Raw Sample Relinquished by: R3 (674-1006)

Date/Time 12-12-25 18:00

Raw Sample Received by: R3 (674-1006)

Raw Sample Relinquished by: 80 WOC

TitriSoft Report

Reviewed By: Iwona
On: 12/17/2025
12:59:57 PM
Inst Id : Titroline Alpha
Titrator

Ident	Amount	DateTime	Alkalinity	Final pH (sample)	Initial pH (sample)	slope	offset
LB138239BLW	100	16/12/2025 13:25	0.00	4.48	4.52	102.4	76.4
LB138239BSW	100	16/12/2025 13:31	48.32	4.54	9.52	102.4	76.4
Q3849-03	50	16/12/2025 13:35	25.60	4.32	6.94	102.4	76.4
Q3849-05	50	16/12/2025 13:42	82.80	4.37	9.94	102.4	76.4
Q3849-05DUP	50	16/12/2025 13:50	84.62	4.35	9.93	102.4	76.4
Q3849-09	50	16/12/2025 13:58	66.40	4.28	6.87	102.4	76.4
Q3863-01	50	16/12/2025 14:02	72.26	4.48	6.68	102.4	76.4
Q3863-10	50	16/12/2025 14:09	5.60	4.43	5.60	102.4	76.4

12/16/2025

12/16/25

12

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138212

Review By	rubina	Review On	12/15/2025 2:07:06 PM
Supervise By	Iwona	Supervise On	12/15/2025 2:50:51 PM
SubDirectory	LB138212	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP115865,WP115866,WP115867,WP115868,WP115869,WP115870,WP115871		
ICV Standard	WP115872		
CCV Standard	WP116106		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP116107		
Chk Standard	WP115873,WP115874		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	12/01/25 11:48	All standards, samples, and	RM/IZ	OK
2	STD2	STD2	CAL2	12/01/25 12:09	QC are filtered through	RM/IZ	OK
3	STD3	STD3	CAL3	12/01/25 12:52	0.45um, filter lot W3160	RM/IZ	OK
4	STD4	STD4	CAL4	12/01/25 13:13		RM/IZ	OK
5	STD5	STD5	CAL5	12/01/25 13:35		RM/IZ	OK
6	STD6	STD6	CAL6	12/01/25 13:57		RM/IZ	OK
7	STD7	STD7	CAL7	12/01/25 14:18		RM/IZ	OK
8	ICV1	ICV1	ICV	12/01/25 14:40		RM/IZ	OK
9	ICB1	ICB1	ICB	12/01/25 14:58		RM/IZ	OK
10	CCV1	CCV1	CCV	12/12/25 10:30		RM/IZ	OK
11	CCB1	CCB1	CCB	12/12/25 10:52		RM/IZ	OK
12	LB138212BLW	LB138212BLW	MB	12/12/25 11:14		RM/IZ	OK
13	LB138212BSW	LB138212BSW	LCS	12/12/25 11:35		RM/IZ	OK
14	Q3849-03	MW-18B-57.5-121125	SAM	12/12/25 11:56	Cl, SO4 is high, need dilution	RM/IZ	Dilution
15	Q3849-05	MW-18B-57.5-121125	SAM	12/12/25 12:18	Cl, SO4 is high, need dilution	RM/IZ	Dilution
16	Q3849-09	MW-19B-71.5-121125	SAM	12/12/25 12:40	Cl, SO4 is high, need dilution	RM/IZ	Dilution
17	Q3849-09MS	MW-19B-71.5-121125	MS	12/12/25 13:01	9.5ml of sample, 0.5mL W3096	RM/IZ	OK

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138212

Review By	rubina	Review On	12/15/2025 2:07:06 PM
Supervise By	Iwona	Supervise On	12/15/2025 2:50:51 PM
SubDirectory	LB138212	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP115865,WP115866,WP115867,WP115868,WP115869,WP115870,WP115871		
ICV Standard	WP115872		
CCV Standard	WP116106		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP116107		
Chk Standard	WP115873,WP115874		

18	Q3849-09MSD	MW-19B-71.5-121125	MSD	12/12/25 13:23	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
19	Q3849-03DL	MW-18B-57.5-121125	SAM	12/12/25 13:44	5X For Cl, SO4	RM/IZ	Confirms
20	Q3849-05DL	MW-18B-57.5-121125	SAM	12/12/25 14:06	5X For Cl, SO4	RM/IZ	Confirms
21	Q3849-09DL	MW-19B-71.5-121125	SAM	12/12/25 14:54	10X For Cl, SO4	RM/IZ	Confirms
22	CCV2	CCV2	CCV	12/12/25 15:59		RM/IZ	OK
23	CCB2	CCB2	CCB	12/12/25 16:21		RM/IZ	OK
24	Q3863-01	MW-17B-55-121225	SAM	12/12/25 16:43	Cl is high, need dilution	RM/IZ	Dilution
25	Q3863-02MS	MW-17B-55-121225-M	MS	12/12/25 17:04	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
26	Q3863-03MSD	MW-17B-55-121225-M	MSD	12/12/25 17:58	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
27	Q3863-10	EB01-121225	SAM	12/12/25 18:19		RM/IZ	OK
28	Q3863-01DL	MW-17B-55-121225D	SAM	12/12/25 18:41	5X For Cl	RM/IZ	Confirms
29	CCV3	CCV3	CCV	12/12/25 19:02		RM/IZ	OK
30	CCB3	CCB3	CCB	12/12/25 20:50		RM/IZ	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB138213

Review By	jignesh	Review On	12/15/2025 12:07:40 PM
Supervise By	Iwona	Supervise On	12/15/2025 12:31:17 PM
SubDirectory	LB138213	Test	TDS
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB138213BL	LB138213BL	MB	12/12/25 13:30		jignesh	OK
2	LB138213BS	LB138213BS	LCS	12/12/25 13:30	WP116122	jignesh	OK
3	Q3849-03	MW-18B-57.5-121125	SAM	12/12/25 13:30		jignesh	OK
4	Q3849-05	MW-18B-57.5-121125	SAM	12/12/25 13:30		jignesh	OK
5	Q3849-09	MW-19B-71.5-121125	SAM	12/12/25 13:30		jignesh	OK
6	Q3849-09DUP	MW-19B-71.5-121125	DUP	12/12/25 13:30		jignesh	OK
7	Q3863-01	MW-17B-55-121225	SAM	12/12/25 13:30		jignesh	OK
8	Q3863-10	EB01-121225	SAM	12/12/25 13:30		jignesh	OK

Instrument ID: TITRATOR

Daily Analysis Runlog For Sequence/QC Batch ID # LB138239

Review By	rubina	Review On	12/17/2025 12:59:33 PM
Supervise By	Iwona	Supervise On	12/17/2025 12:59:57 PM
SubDirectory	LB138239	Test	Alkalinity
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP116138		
Chk Standard	W3217,W3264,W3150		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB138239BLW	LB138239BLW	MB	12/16/25 13:25	pH=4.48	Eman	OK
2	LB138239BSW	LB138239BSW	LCS	12/16/25 13:31	pH=4.54	Eman	OK
3	Q3849-03	MW-18B-57.5-121125	SAM	12/16/25 13:35	pH=4.32	Eman	OK
4	Q3849-05	MW-18B-57.5-121125	SAM	12/16/25 13:42	pH=4.37	Eman	OK
5	Q3849-05DUP	MW-18B-57.5-121125	DUP	12/16/25 13:50	pH=4.35	Eman	OK
6	Q3849-09	MW-19B-71.5-121125	SAM	12/16/25 13:58	pH=4.28	Eman	OK
7	Q3863-01	MW-17B-55-121225	SAM	12/16/25 14:02	pH=4.48	Eman	OK
8	Q3863-10	EB01-121225	SAM	12/16/25 14:09	pH=4.43	Eman	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:
COMPANY: Jacobs
ADDRESS: 412 McKimble Ave Suite #100
CITY: Manistown STATE: NJ ZIP: 07960
ATTENTION: John Yufante
PHONE: (281) 414-1719 FAX:

PROJECT NAME: STC PTC
PROJECT NO.: D4033126 LOCATION: Princeton Junction
PROJECT MANAGER: Mary Murphy
e-mail: Mary.Murphy@Jacobs.com
PHONE: (201) 936-0586 FAX:

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

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

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

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

1. Site Specific VOCs (22000-1400)
2. 1,4-Dioxane (52100-510)
3. 1,2-Dichloroethane (52100-510)
4. 1,1,1-Trichloroethane (52100-510)
5. Dissolved Iron (60200)
6. Alkalinity (50200)
7. TDS (50200)
8. Ammonia (9050)
9. Trace VOCs (50200)

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		A/E	E	B/E	B/E	E	E	E	A/E		← Specify Preservatives A-HCl B-HNO3 C-H2SO4	D-NaOH E-ICE F-OTHER
								1	2	3	4	5	6	7	8	9		
1.	0W-07B-65-121125	GW		X	12/11/25	0955	3	X	X									
2.	0W-07B-65-121125-SIM	GW		X	12/11/25	0955	3								X			
3.	MW-18B-57.5-121125	GW		X	12/11/25	1145	10	X	X	X	X	X	X	X			No VOC	
4.	MW-18B-57.5-121125-FD	GW		X	12/11/25	1150	10	X	X	X	X	X	X	X			No VOC	
5.	RMW-02B-67-121125	GW		X	12/11/25	1220	5	X	X									
6.	MW-06-7-121125	GW		X	12/11/25	1500	5	X	X								*** See comment	
7.	MW-19B-71.5-121125	GW		X	12/11/25	1545	10	X	X	X	X	X	X	X				
8.	MW-18B-57.5-121125-SIM	GW		X	12/11/25	1145	3								X			
9.	MW-18B-57.5-121125-SIM-FD	GW		X	12/11/25	1150	3								X			
10.	MW-19B-71.5-121125-SIM	GW		X	12/11/25	1545	3								X			

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

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>12-11-25</u>	RECEIVED BY: 1. <u>[Signature]</u>	DATE/TIME: <u>12-11-25</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>1.9</u> °C
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 2. <u>[Signature]</u>	DATE/TIME:	Comments: <u>See work order for list of site specific VOCs.</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>12-11-25</u>	RECEIVED BY: 3. <u>[Signature]</u>	DATE/TIME:	<u>Field filtered Dissolved Iron.</u> <u>*** Pull Hexachlorobenzene from spare water in ambers. (MW-06-7-121125 ONLY)</u>

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Jacobs
ADDRESS: 412 Mt Kemble Ave Suite #100
CITY Morristown STATE: NJ ZIP: 07960
ATTENTION: John Vinfante
PHONE: (281) 414-1719 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: STC PTC
PROJECT NO.: D4833126 LOCATION: Princeton Junction
PROJECT MANAGER: Mary Murphy
e-mail: Mary.Murphy@Jacobs.com
PHONE: (201) 936-0586 FAX:

CLIENT BILLING INFORMATION

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

ANALYSIS

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

1. 2. 3. 4. 5. 6. 7. 8. 9.

THREE VOLS (SFA 101.1 - 110.1) SITE SPECIFIC VOLS (S2600 - LOW)

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS		
			COMP	GRAB	DATE	TIME		A/E	A/E									← Specify Preservatives A-HCl B-HNO3 C-H2SO4	D-NaOH E-ICE F-OTHER
								1	2	3	4	5	6	7	8	9			
1.	TB01-121125	D1		X	12/11/25	0800	4	X	X										
2.																			
3.																			
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			

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

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>12-11-25</u>	RECEIVED BY: 1. <u>[Signature]</u> 1646 12-11-25	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>12.1</u> °C
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 2. <u>[Signature]</u>	Comments: <u>See work order for list of site specific VOGs</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>12-11-25</u>	RECEIVED BY: 3. <u>[Signature]</u>	Page <u>2</u> of <u>3</u> CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3849 JACO05

Order Date : 12/12/2025 8:39:00 AM

Project Mgr :

Client Name : JACOBS Engineering Grou

Project Name : Former Schlumberger STC

Report Type : Level 3

Client Contact : John Ynfante

Receive DateTime : 12/12/2025 6:25:00 PM

EDD Type : CH2MHILL

Invoice Name : JACOBS Engineering Grou

Purchase Order :

Hard Copy Date :

Invoice Contact : John Ynfante

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3849-01	OW-07B-65-121125	Water	12/11/2025	09:55					
					VOCMS Group3		8260-Low	10 Bus. Days	
Q3849-02	OW-07B-65-121125-SIM	Water	12/11/2025	09:55					
					VOC-SIM		SFAM_VOCSIM	10 Bus. Days	
Q3849-07	RMW-02B-67-121125	Water	12/11/2025	12:20					
					VOCMS Group3		8260-Low	10 Bus. Days	
Q3849-08	MW-06-7-121125	Water	12/11/2025	15:00					
					VOC-SIM		SFAM_VOCSIM	10 Bus. Days	
					VOCMS Group3		8260-Low	10 Bus. Days	
Q3849-09	MW-19B-71.5-121125	Water	12/11/2025	15:45					
					VOCMS Group3		8260-Low	10 Bus. Days	
Q3849-11	TB01-121125	Water	12/11/2025	08:00					
					VOC-SIM		SFAM_VOCSIM	10 Bus. Days	
					VOCMS Group3		8260-Low	10 Bus. Days	
Q3849-12	VHBLK001	Water	12/11/2025	18:25					

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3849	JACO05	Order Date : 12/12/2025 8:39:00 AM	Project Mgr :
Client Name : JACOBS Engineering Grou		Project Name : Former Schlumberger STC	Report Type : Level 3
Client Contact : John Ynfante		Receive DateTime : 12/12/2025 6:25:00 PM	EDD Type : CH2MHILL
Invoice Name : JACOBS Engineering Grou		Purchase Order :	Hard Copy Date :
Invoice Contact : John Ynfante			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-SIM		SFAM_VOCSIM 10 Bus. Days		
Q3849-13	MW-19B-71.5-121125-SIM	Water	12/11/2025	15:45					
					VOC-SIM		SFAM_VOCSIM 10 Bus. Days		

Relinquished By :

Date / Time :

[Signature]
12/12/25 1020

Received By :

Date / Time :

[Signature]
12/12/25 10:22 Ng # 4

Storage Area : VOA Refridgerator Room