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 v Analyst
STD1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/9/2025 10:21	10 RM/IZ
STD2	0.423	0.641	0.632	2.091	0.529	1.063	3.237	IC1-090925	9/9/2025 10:42	10 RM/IZ
STD3	0.794	1.189	1.197	3.984	0.997	2.006	6.010	IC1-090925	9/9/2025 11:25	10 RM/IZ
STD4	0.990	1.475	1.473	4.920	1.228	2.461	7.371	IC1-090925	9/9/2025 11:47	10 RM/IZ
STD5	2.008	3.012	3.027	10.105	2.514	4.978	15.047	IC1-090925	9/9/2025 13:36	10 RM/IZ
STD6	3.935	5.921	5.894	19.658	4.924	9.905	29.203	IC1-090925	9/9/2025 13:58	10 RM/IZ
STD7	5.050	7.561	7.577	25.243	6.308	12.587	37.633	IC1-090925	9/9/2025 14:41	10 RM/IZ
ICV	2.001	2.995	2.988	9.985	2.483	5.041	14.797	IC1-090925	9/9/2025 15:02	10 RM/IZ
ICB	0.000	0.063	0.000	0.000	0.000	0.000	0.000	IC1-090925	9/9/2025 15:45	10 RM/IZ
CCV	1.965	2.936	2.971	9.945	2.412	4.507	14.756	IC1-090925	10/3/2025 9:11	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	10/3/2025 9:33	10 RM/IZ
LB137410BLW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	10/3/2025 9:54	10 RM/IZ
LB137410BSW	1.998	2.936	2.970	9.945	2.414	4.636	14.828	IC1-090925	10/3/2025 10:16	10 RM/IZ
Q3275-01	0.194	474.017	0.000	0.226	0.000	0.000	93.341	IC1-090925	10/3/2025 10:37	10 RM/IZ
Q3275-02	0.159	326.091	0.000	0.000	0.113	0.000	2.140	IC1-090925	10/3/2025 10:59	10 RM/IZ
Q3275-03	0.423	26522.583	0.000	2.708	0.193	0.000	115.966	IC1-090925	10/3/2025 11:21	10 RM/IZ
Q3275-04	0.216	1242.615	0.000	0.224	0.072	0.000	23.163	IC1-090925	10/3/2025 11:42	10 RM/IZ
Q3275-04MS	2.257	1180.663	3.023	10.278	2.495	4.845	37.749	IC1-090925	10/3/2025 12:04	10 RM/IZ
Q3275-04MSD	2.135	1184.103	2.893	9.823	2.387	4.432	37.072	IC1-090925	10/3/2025 12:25	10 RM/IZ
Q3278-01	0.505	1310.382	0.000	0.287	0.000	0.000	0.881	IC1-090925	10/3/2025 12:47	10 RM/IZ
CCV	2.002	2.950	2.974	9.975	2.416	5.096	14.872	IC1-090925	10/3/2025 13:08	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	10/3/2025 13:30	10 RM/IZ
Q3275-01DLX100	0.000	3.161	0.000	0.000	0.000	0.000	1.213	IC1-090925	10/3/2025 13:51	10 RM/IZ
Q3275-02DLX100	0.000	2.267	0.000	0.000	0.000	0.000	0.000	IC1-090925	10/3/2025 14:13	10 RM/IZ
Q3275-03DLX500	0.273	39.265	0.000	0.000	0.000	0.000	0.597	IC1-090925	10/3/2025 14:36	10 RM/IZ
Q3275-04DLX200	0.000	3.869	0.000	0.000	0.000	0.000	0.503	IC1-090925	10/3/2025 15:00	10 RM/IZ
Q3275-03DL2X5000	0.000	3.440	0.000	0.000	0.000	0.000	0.000	IC1-090925	10/3/2025 15:21	10 RM/IZ
CCV	1.976	2.937	2.968	9.947	2.419	4.822	14.779	IC1-090925	10/3/2025 15:43	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-090925	10/3/2025 16:04	10 RM/IZ

Reviewed By:Iwona
On:10/7/2025 9:31:32 AM
Inst Id :IC-1
LB :LB137410

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	IC1-090925	9/9/2025 10:21	10	RM/IZ
STD2	0.4230	0.6410	0.6320	2.0910	0.5290	1.0630	3.2370	IC1-090925	9/9/2025 10:42	10	RM/IZ
STD3	0.7940	1.1890	1.1970	3.9840	0.9970	2.0060	6.0100	IC1-090925	9/9/2025 11:25	10	RM/IZ
STD4	0.9900	1.4750	1.4730	4.9200	1.2280	2.4610	7.3710	IC1-090925	9/9/2025 11:47	10	RM/IZ
STD5	2.0080	3.0120	3.0270	10.1050	2.5140	4.9780	15.0470	IC1-090925	9/9/2025 13:36	10	RM/IZ
STD6	3.9350	5.9210	5.8940	19.6580	4.9240	9.9050	29.2030	IC1-090925	9/9/2025 13:58	10	RM/IZ
STD7	5.0500	7.5610	7.5770	25.2430	6.3080	12.5870	37.6330	IC1-090925	9/9/2025 14:41	10	RM/IZ

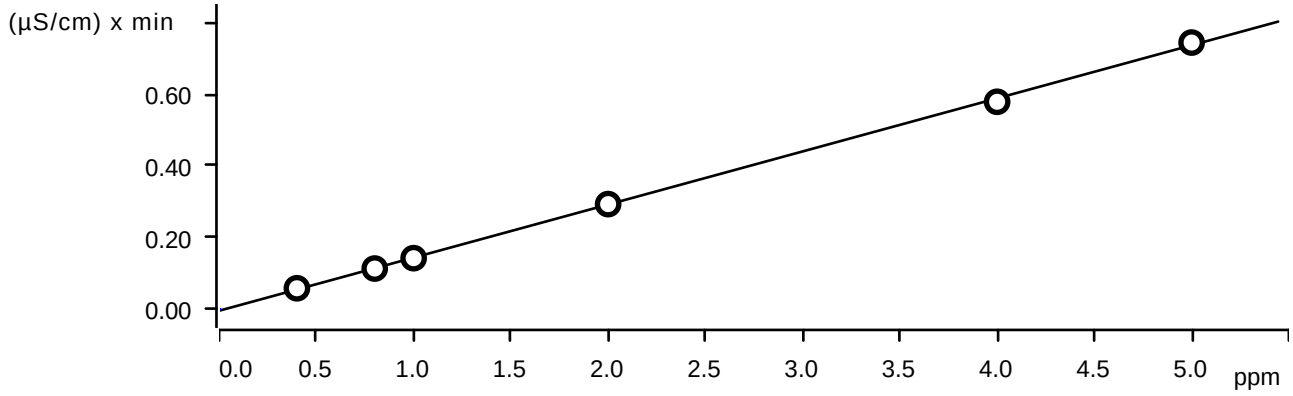
ident	True Value F-	True Value CL-	True Value NO2	True Value BR-	True Value NO3	True Value HPO4	True Value SO4
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
STD2	0.4000	0.6000	0.6000	2.0000	0.5000	1.0000	3.0000
STD3	0.8000	1.2000	1.2000	4.0000	1.0000	2.0000	6.0000
STD4	1.0000	1.5000	1.5000	5.0000	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	5.7500	6.8333	5.3333	4.5500	5.8000	6.3000	7.9000
STD3	-0.7500	-0.9167	-0.2500	-0.4000	-0.3000	0.3000	0.1667
STD4	-1.0000	-1.6667	-1.8000	-1.6000	-1.7600	-1.5600	-1.7200
STD5	0.4000	0.4000	0.9000	1.0500	0.5600	-0.4400	0.3133
STD6	-1.6250	-1.3167	-1.7667	-1.7100	-1.5200	-0.9500	-2.6567
STD7	1.0000	0.8133	1.0267	0.9720	0.9280	0.6960	1.7108

Reviewed By:Iwona
On:10/7/2025 9:31:32 AM
Inst Id :IC-1
LB :LB137410

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

Fluoride (Anions)



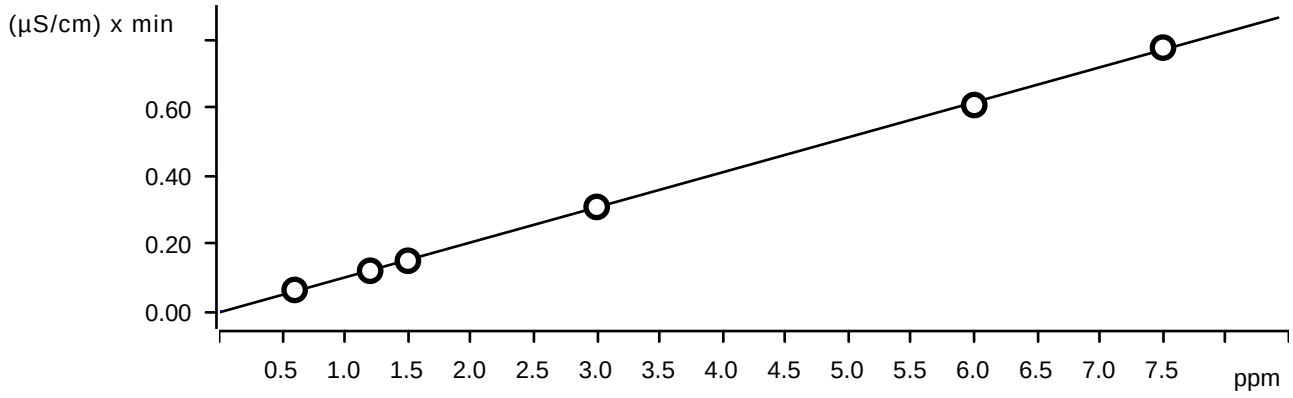
Function: . . . . . *A = - 3.91674E-3 + 0.0148053× Q*

Relative standard deviation . . . . . *1.985504 %*

Correlation coefficient *0.999790*

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

Chloride (Anions)



Function: . . . . . *A = - 2.97735E-3 + 0.0103068× Q*

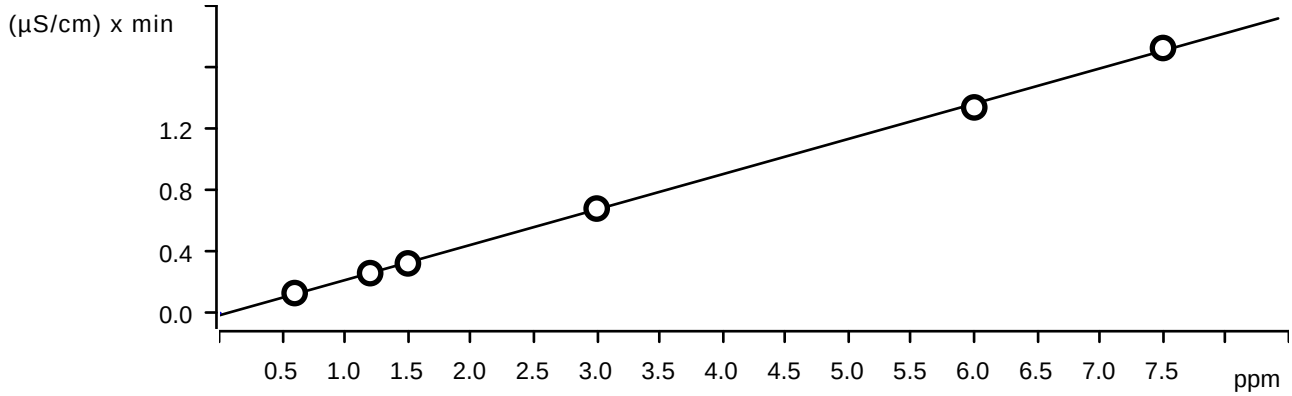
Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

Relative standard deviation . . . . . *1.712968 %*

Correlation coefficient *0.999843*

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

Nitrite (Anions)



Function: . . . . . *A = - 0.0143669 + 0.0229543× Q*

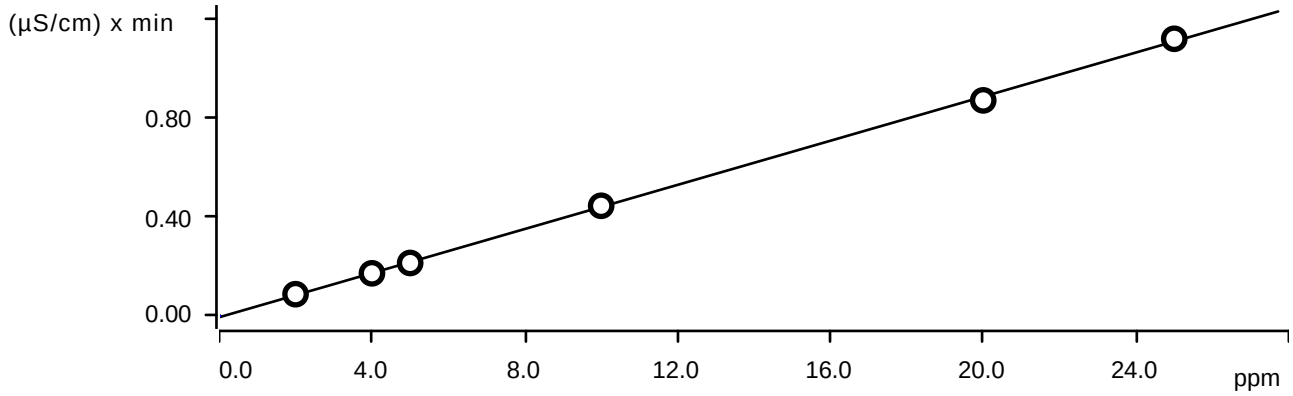
Relative standard deviation . . . . . *2.170764 %*

Correlation coefficient *0.999753*

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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

Bromide (Anions)



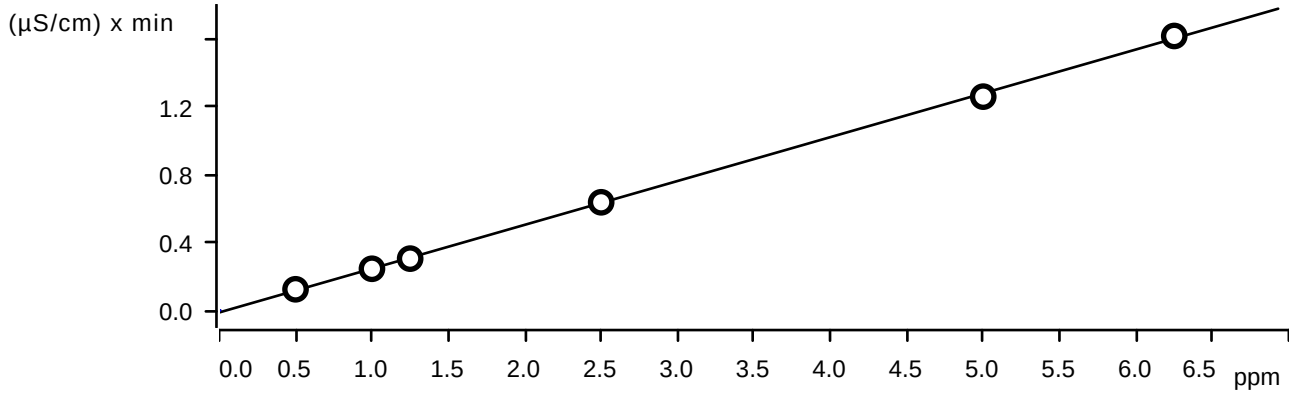
Function: . . . . . *A = - 5.68247E-3 + 4.44287E-3× Q*

Relative standard deviation . . . . . *2.066849 %*

Correlation coefficient *0.999773*

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

Nitrate (Anions)



Function: . . . . . *A = - 0.0122982 + 0.0258010× Q*

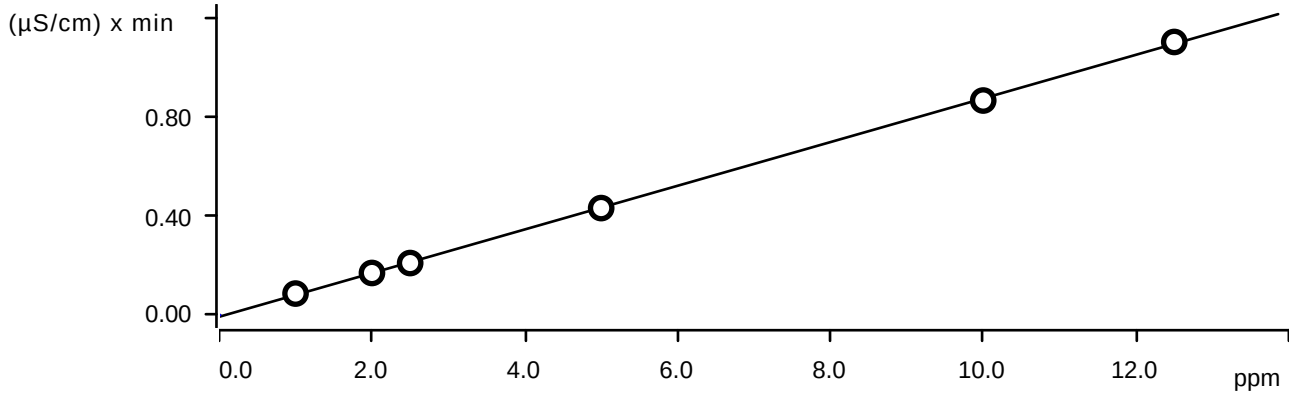
Relative standard deviation . . . . . *1.914251 %*

Reviewed By:Iwon
On:10/7/2025 9:31
AM
Inst Id :IC-1
LB :LB137410

Correlation coefficient *0.999807*

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

Phosphate (Anions)



Function: . . . . . *A = - 6.72192E-3 + 8.79335E-3× Q*

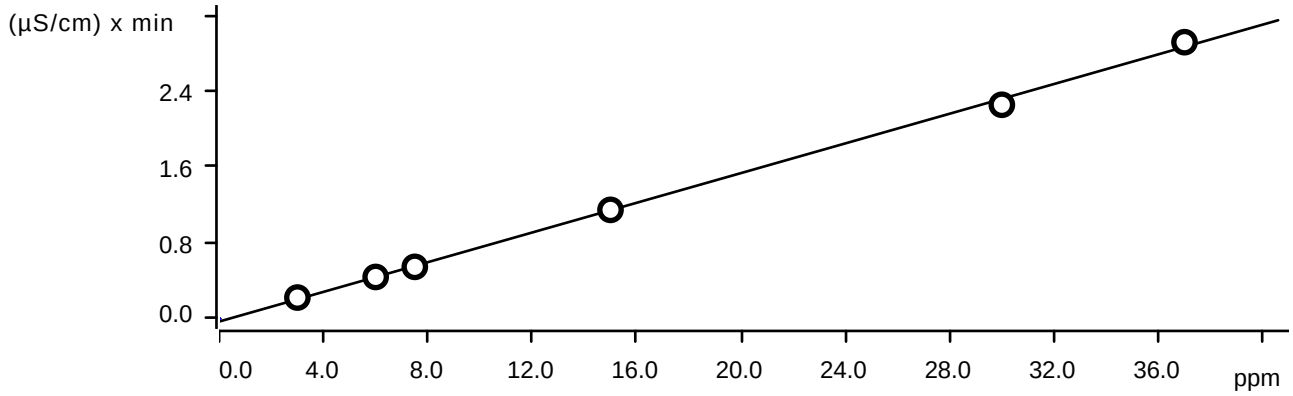
Relative standard deviation . . . . . *1.384046 %*

Correlation coefficient *0.999898*

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

Reviewed By:Iwon
On:10/7/2025 9:31
AM
Inst Id :IC-1
LB :LB137410

Sulfate (Anions)



Function: . . . . . *A = - 0.0295615 + 7.81954E-3× Q*

Relative standard deviation . . . . . *3.285067 %*

Correlation coefficient *0.999433*

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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

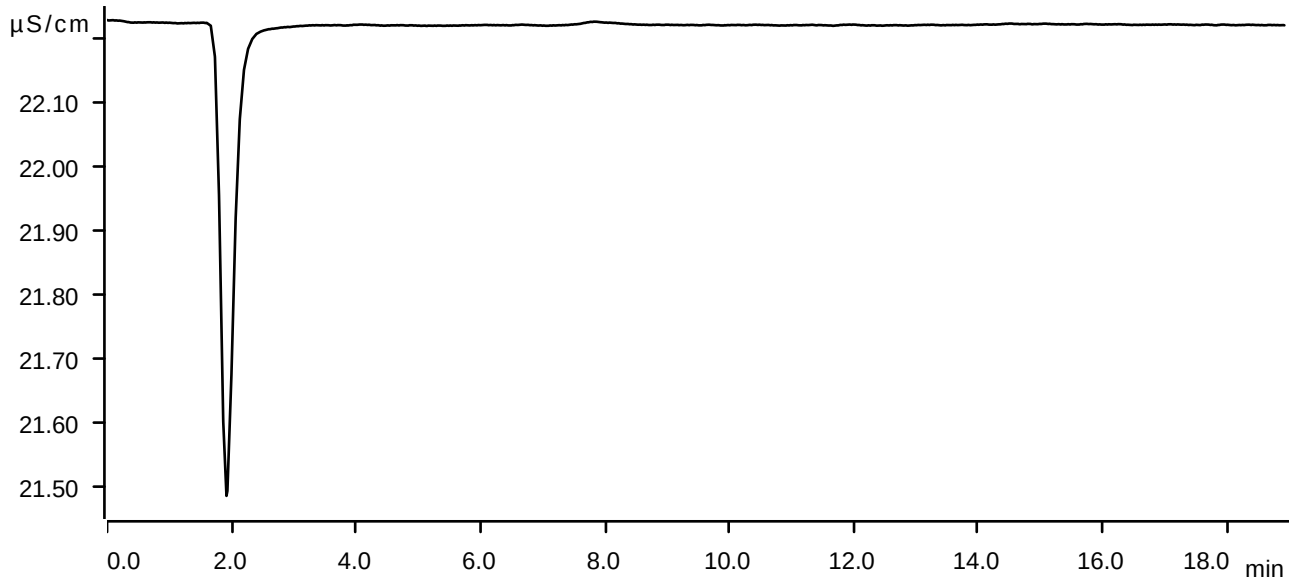
Sample data

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

Anions

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

Anions



Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

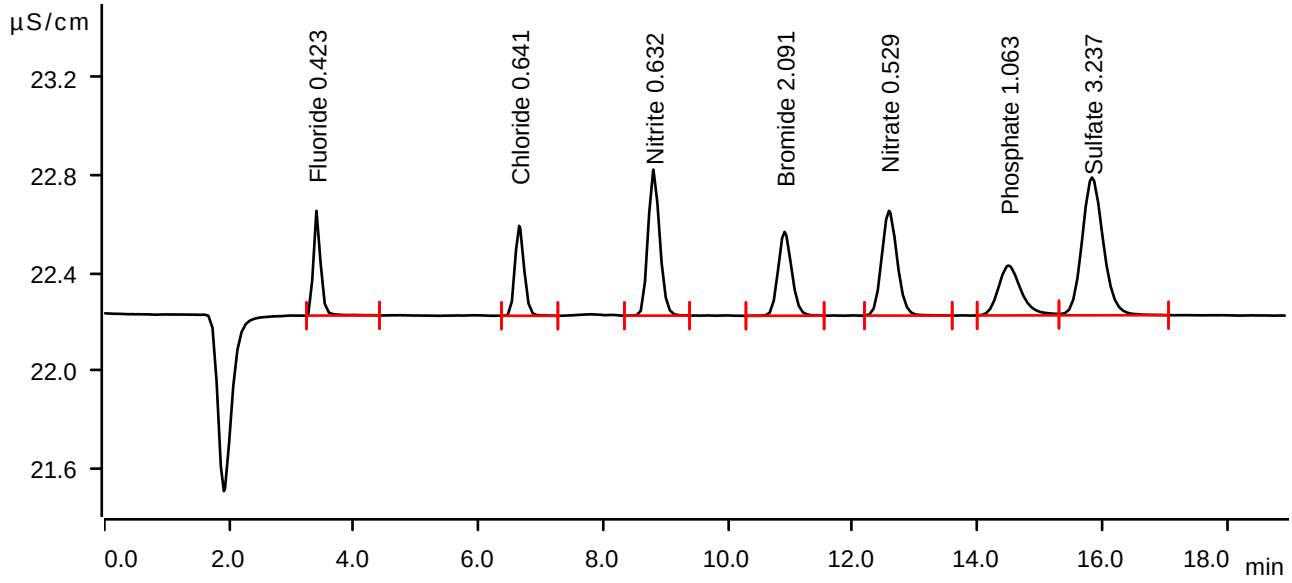
Sample data

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

Anions

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

Anions



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

Metrohm

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

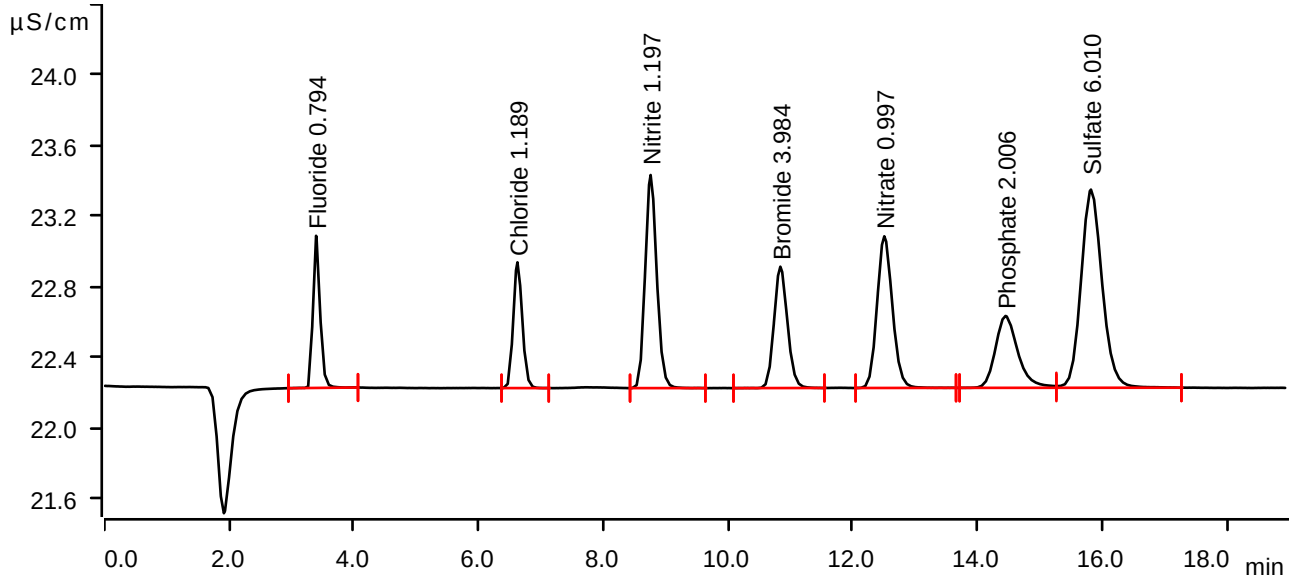
Sample data

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

Anions

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

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

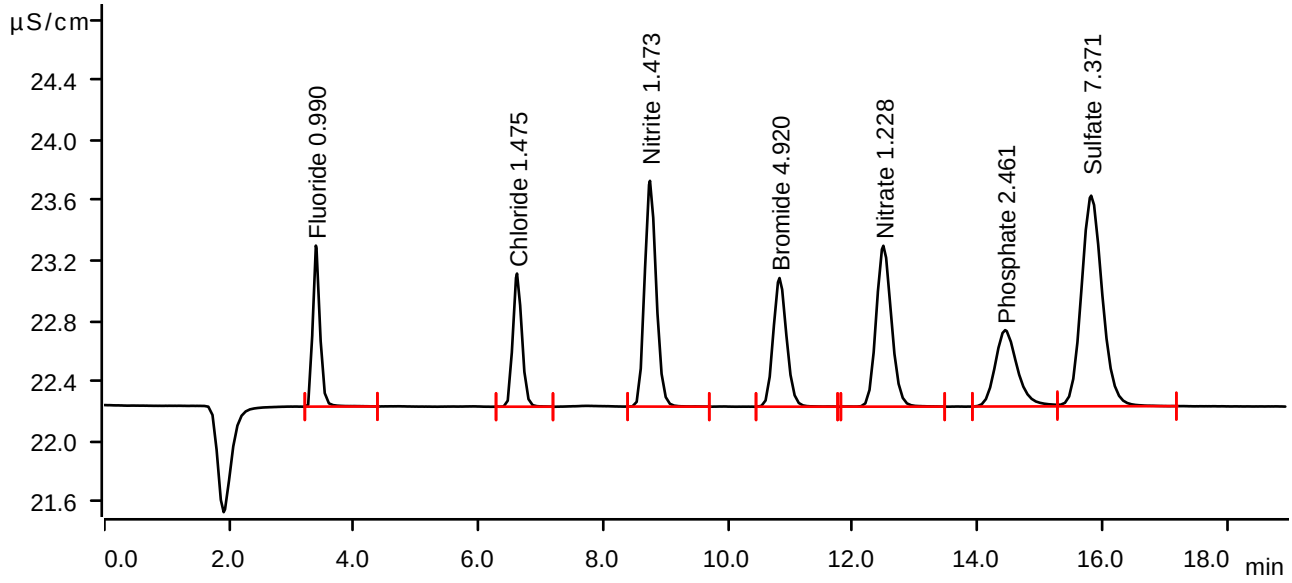
Sample data

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

Anions

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

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

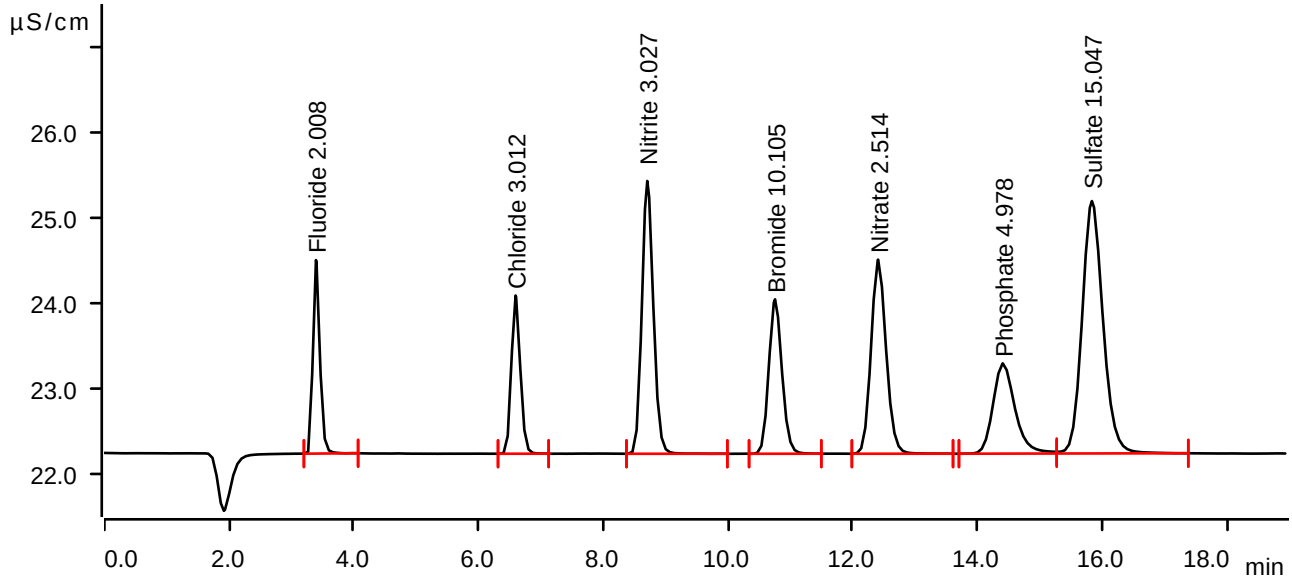
Sample data

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

Anions

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

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

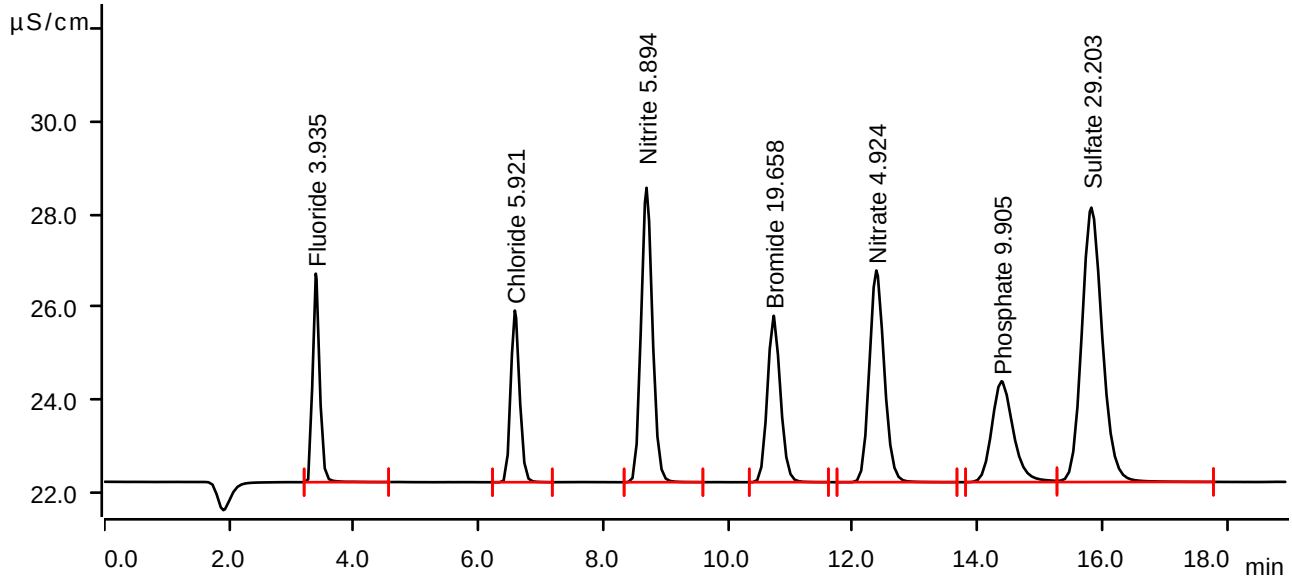
Sample data

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

Anions

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

Anions



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

Metrohm

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

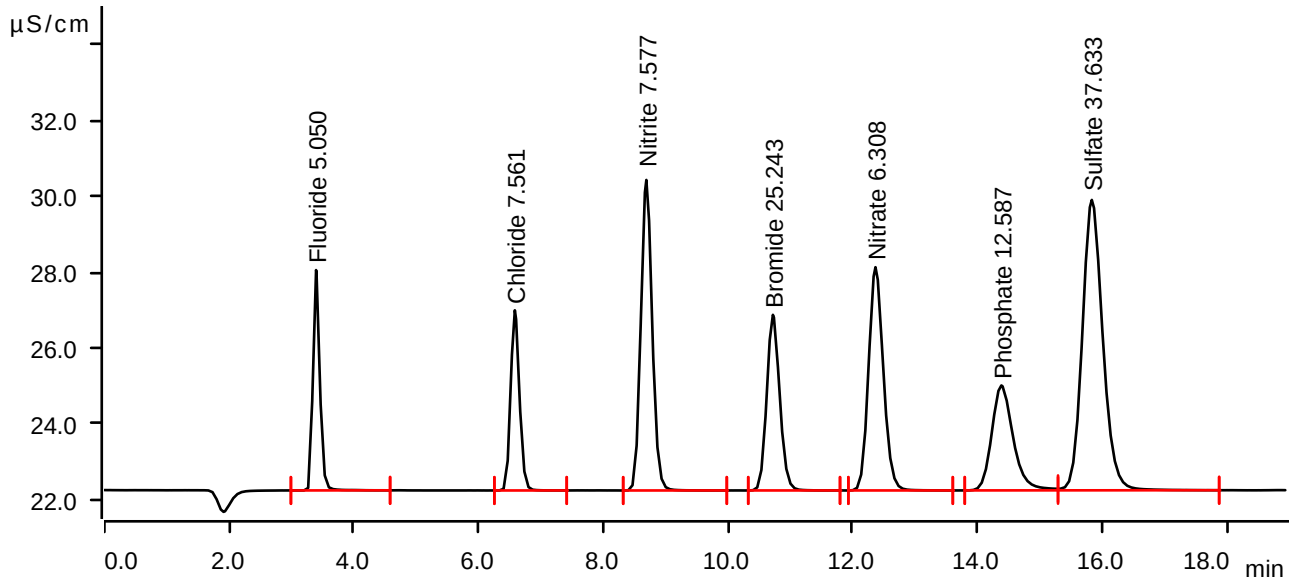
Sample data

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

Anions

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

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

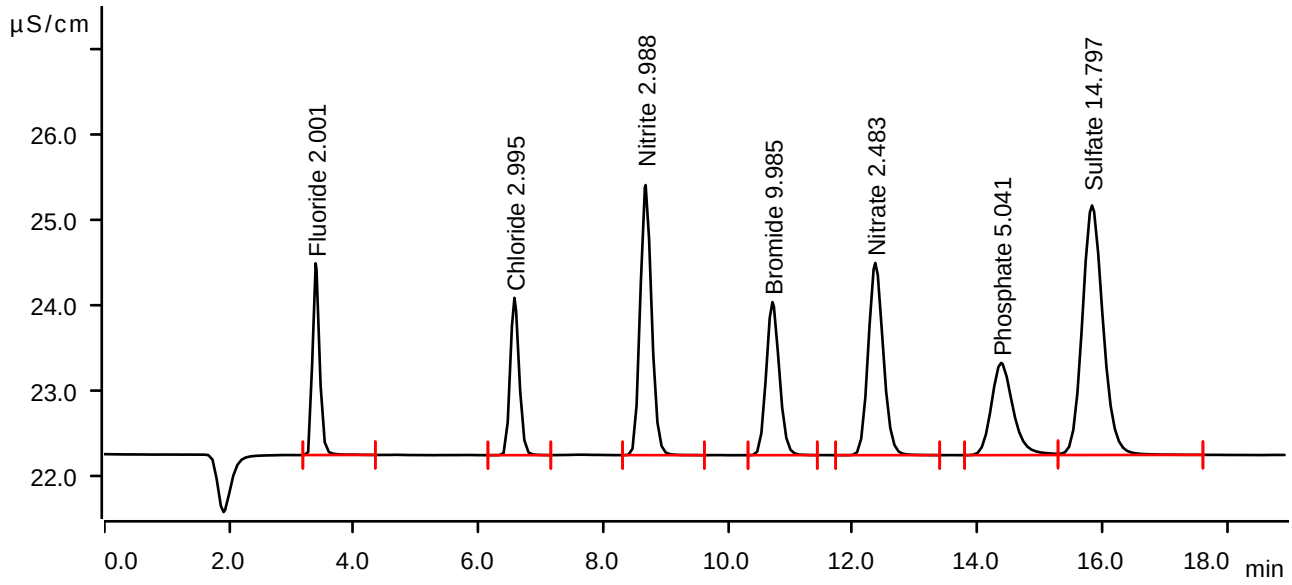
Sample data

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

Anions

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

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

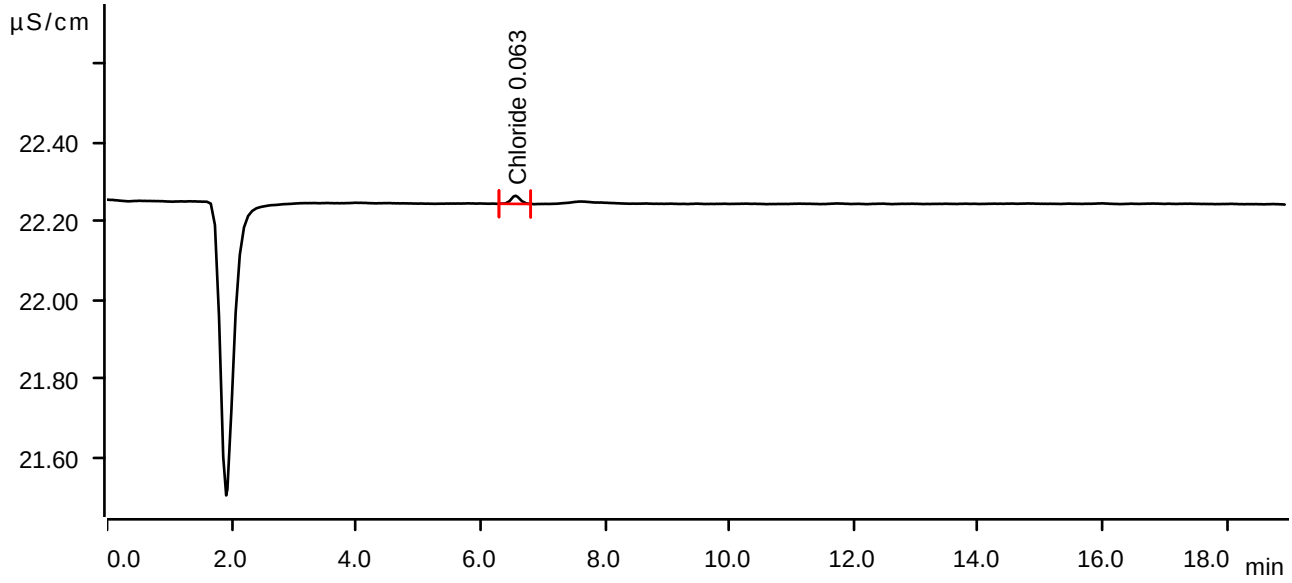
Sample data

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

Anions

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

Anions



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

Metrohm

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

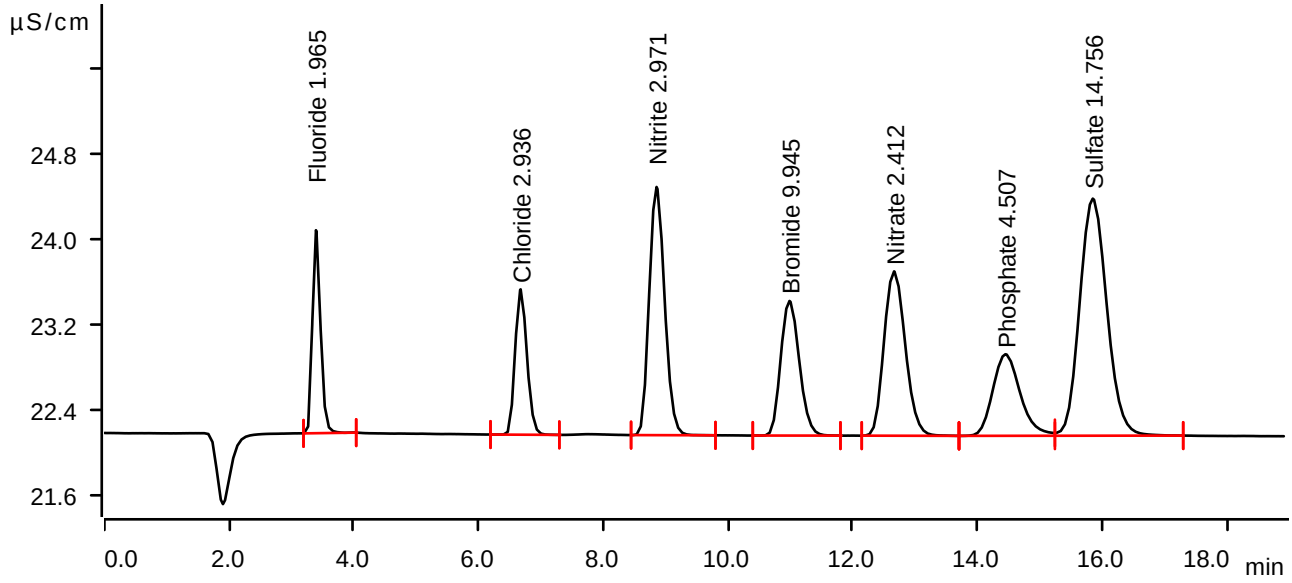
Sample data

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

Anions

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

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

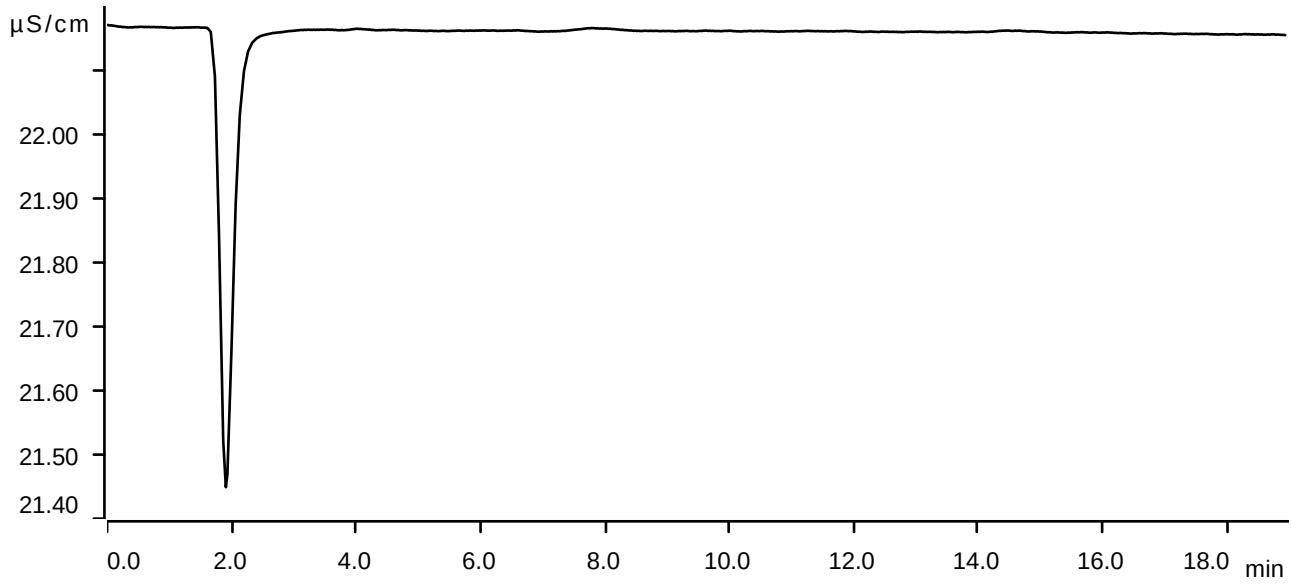
Sample data

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

Anions

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

Anions



Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

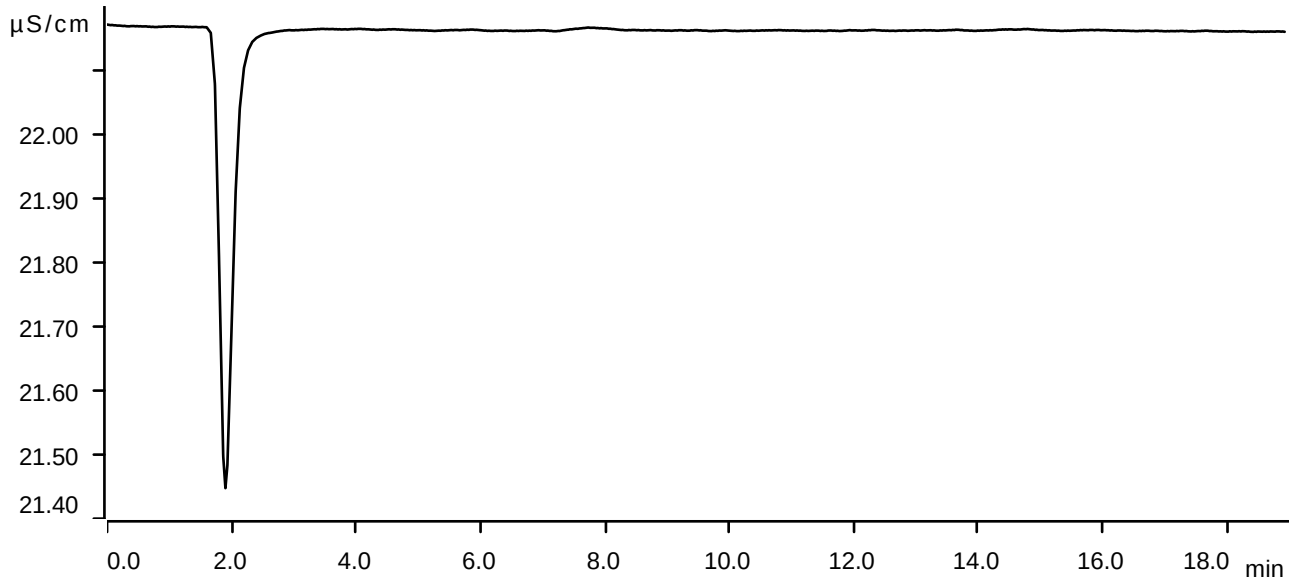
Sample data

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

Anions

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

Anions



Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

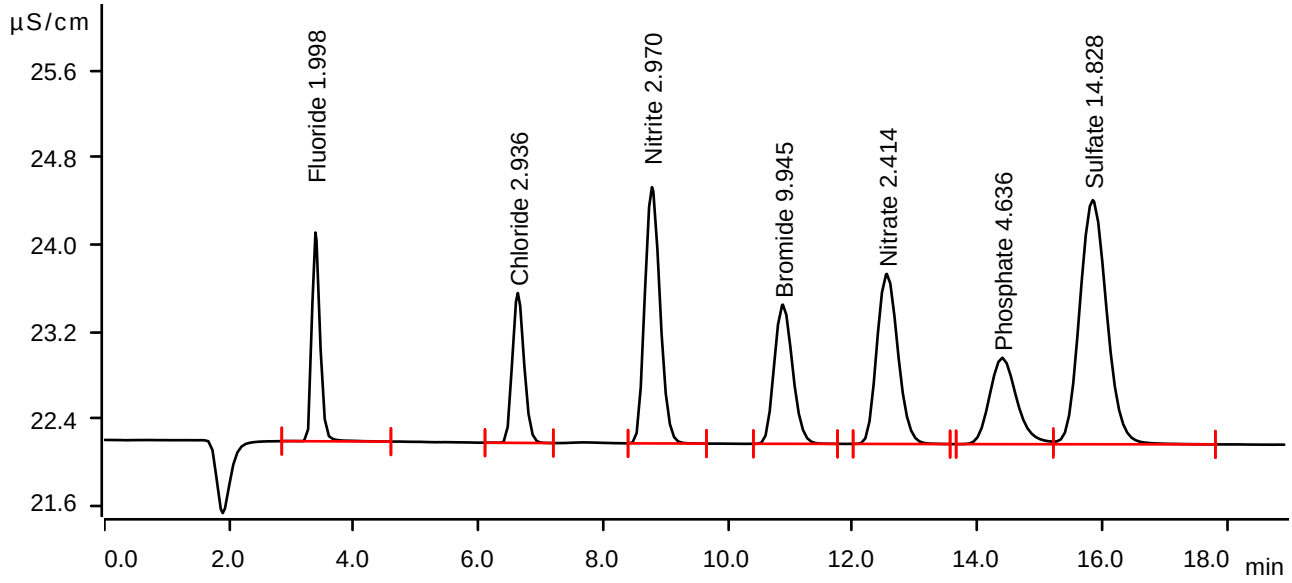
Sample data

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

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.29	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.385	0.2918	1.915	1.998	Fluoride
2	6.630	0.2996	1.375	2.936	Chloride
3	8.780	0.6673	2.352	2.970	Nitrite
4	10.878	0.4362	1.278	9.945	Bromide
5	12.545	0.6106	1.560	2.414	Nitrate
6	14.395	0.4009	0.792	4.636	Phosphate
7	15.847	1.1299	2.240	14.828	Sulfate

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

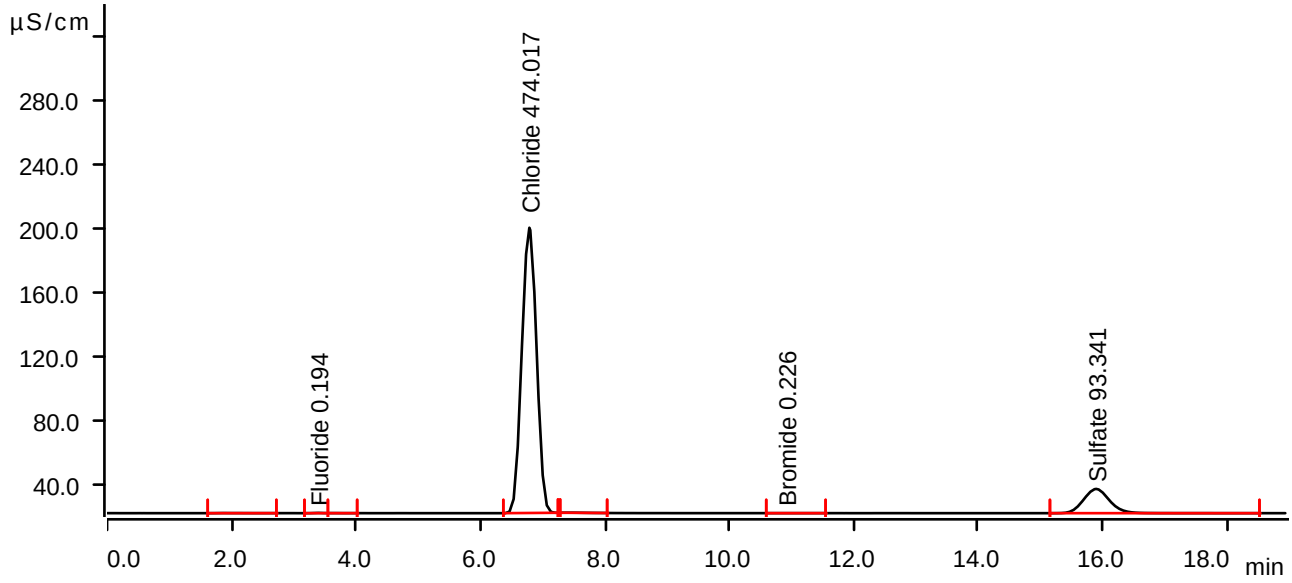
Sample data

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

Anions

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

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

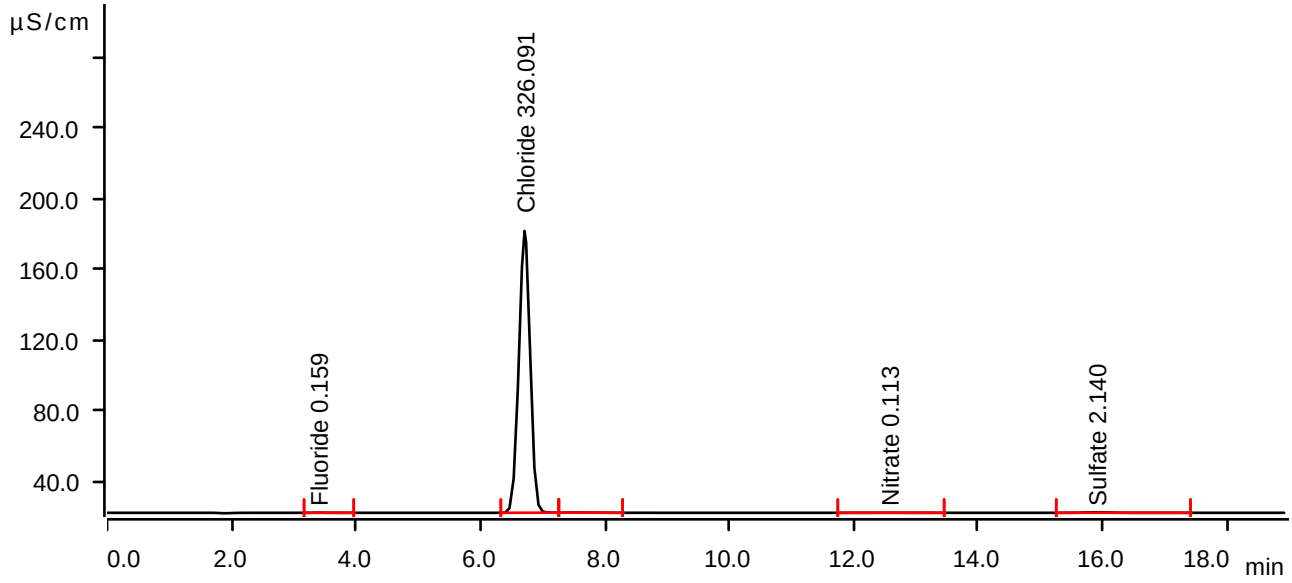
Sample data

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

Anions

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

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

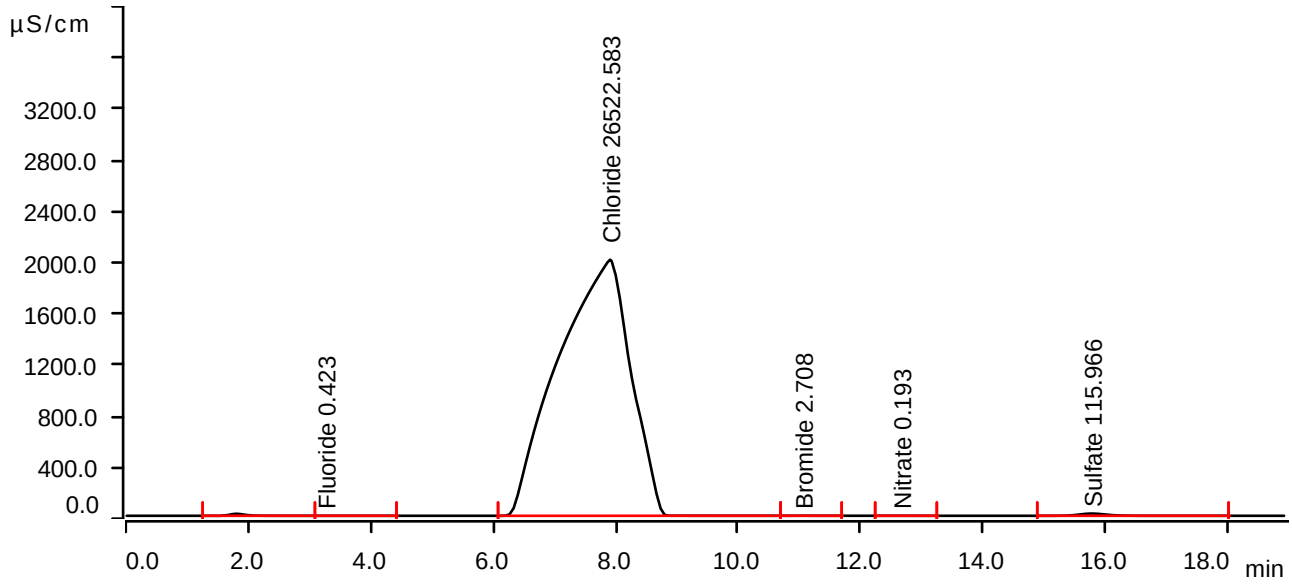
Sample data

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

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	1.807	4.8000	15.959	invalid	
2	3.262	0.0587	0.147	0.423	Fluoride
3	7.910	2733.6197	1999.973	26522.583	Chloride
4	11.053	0.1146	0.351	2.708	Bromide
5	12.657	0.0376	0.098	0.193	Nitrate
6	15.773	9.0385	17.331	115.966	Sulfate

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

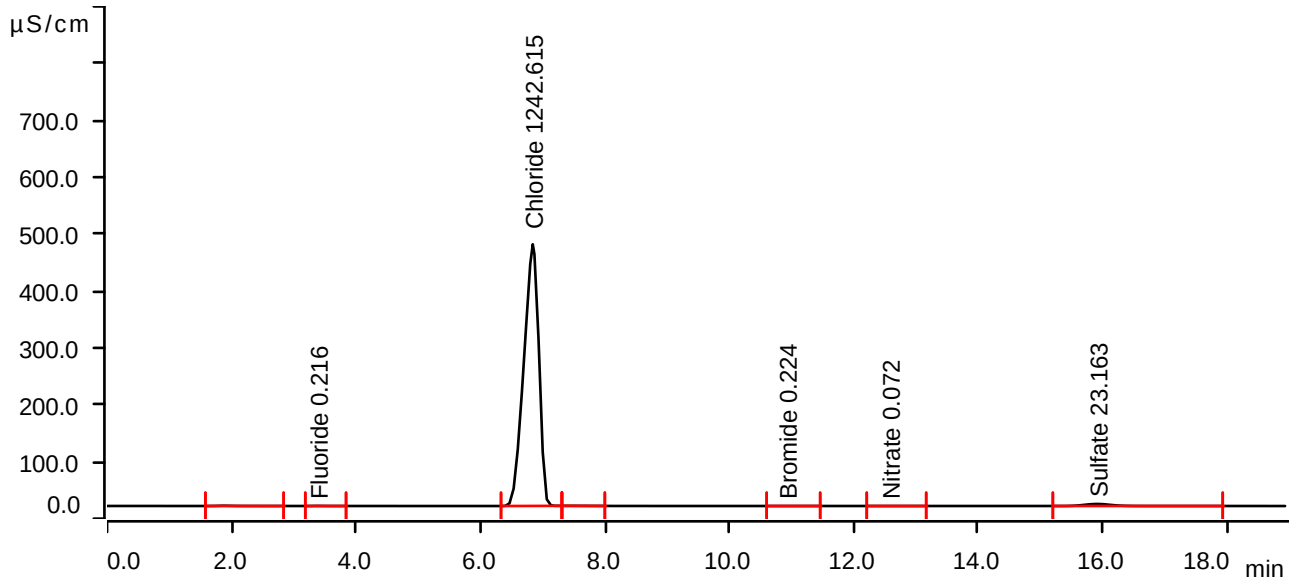
Sample data

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

Anions

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

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

Sample data

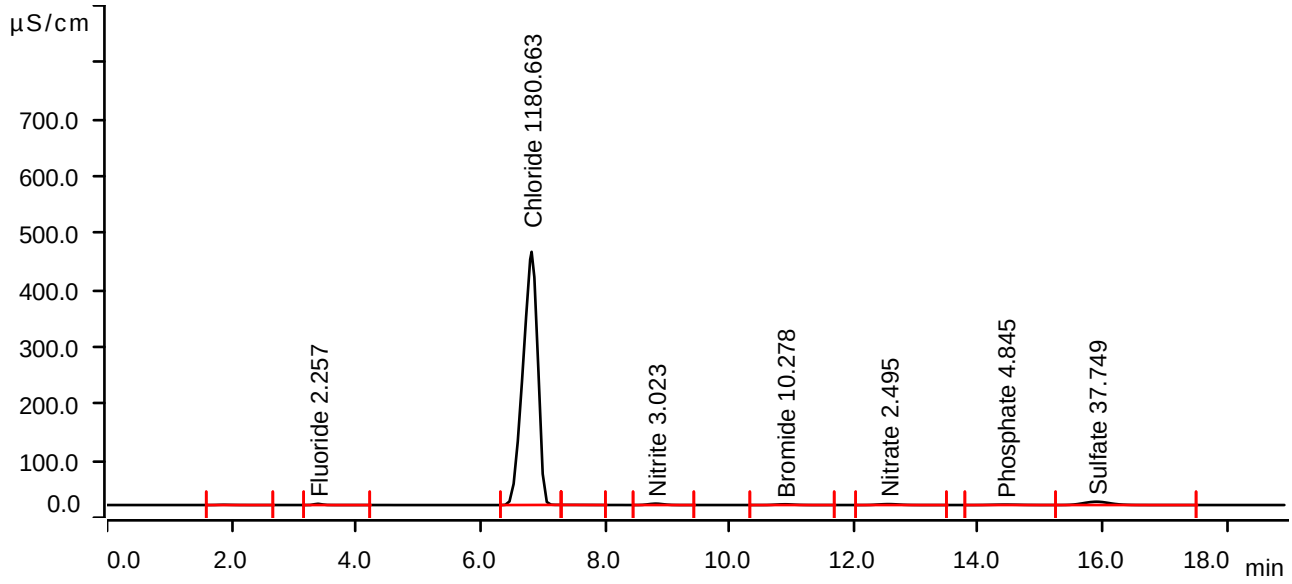
Ident	Q3275-04MS
Sample type	Sample
Determination start	2025-10-03 12:04:12 UTC-4
Method	IC1-090925
Operator	

Anions

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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

Sample data

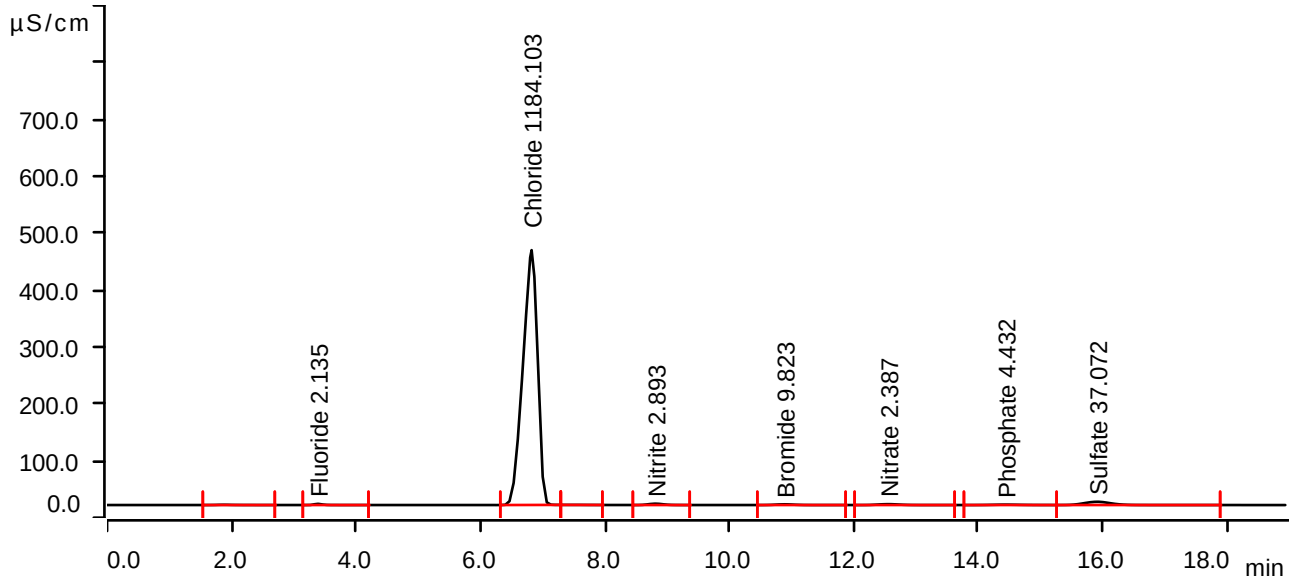
Ident	Q3275-04MSD
Sample type	Sample
Determination start	2025-10-03 12:25:47 UTC-4
Method	IC1-090925
Operator	

Anions

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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

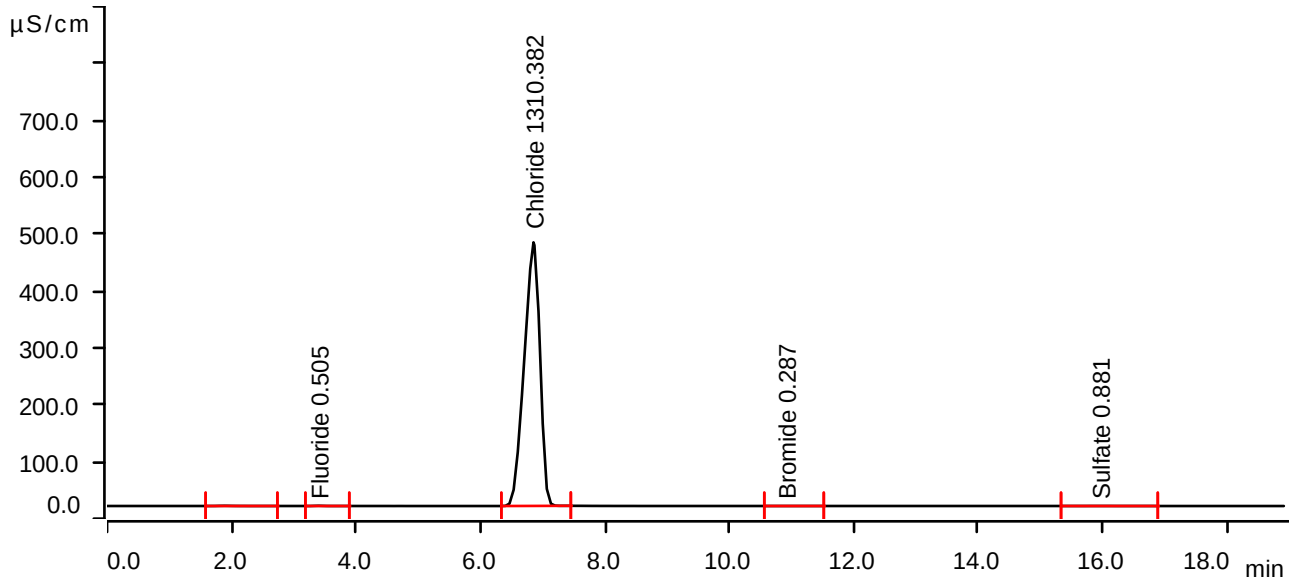
Sample data

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

Anions

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

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

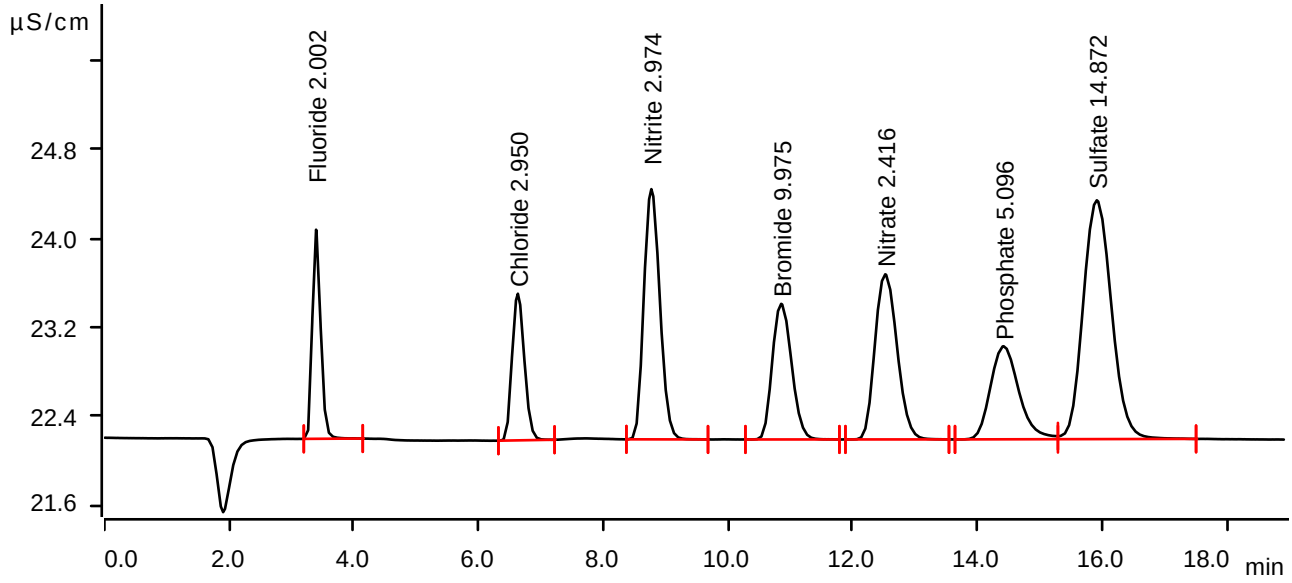
Sample data

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

Anions

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

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

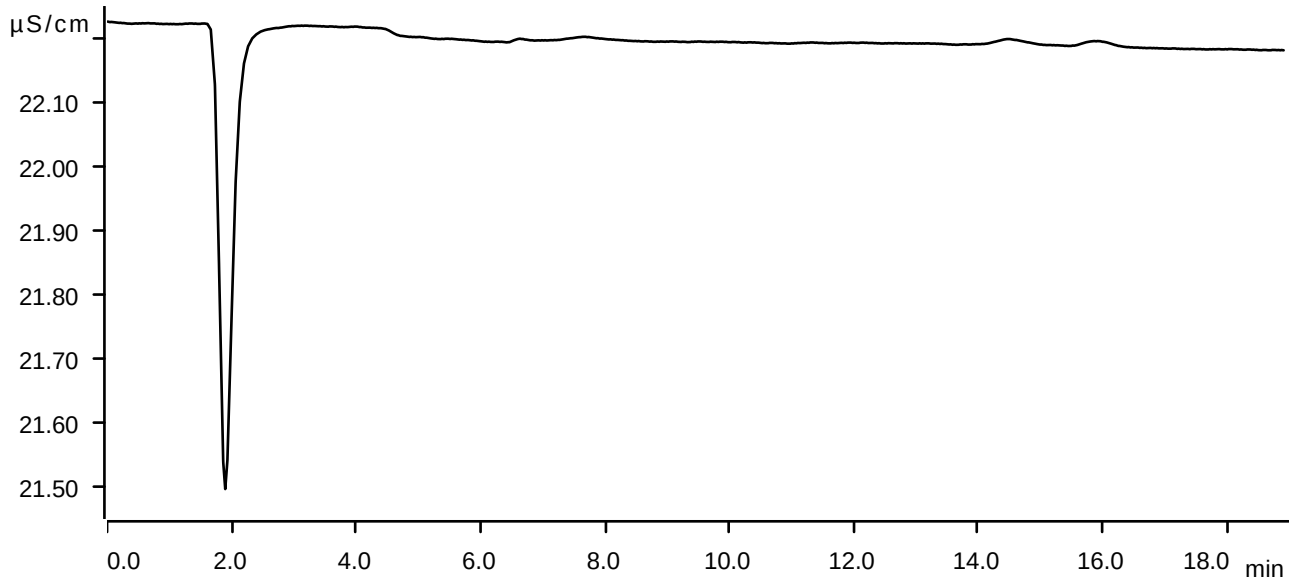
Sample data

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

Anions

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

Anions



Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

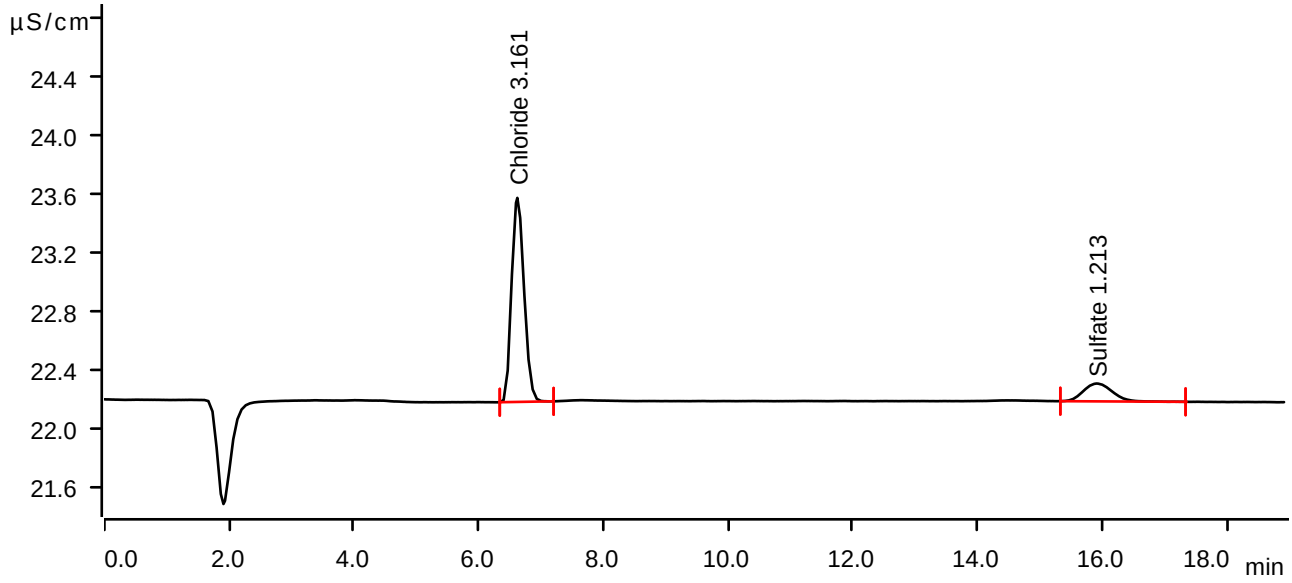
Sample data

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

Anions

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

Anions



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

Metrohm

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

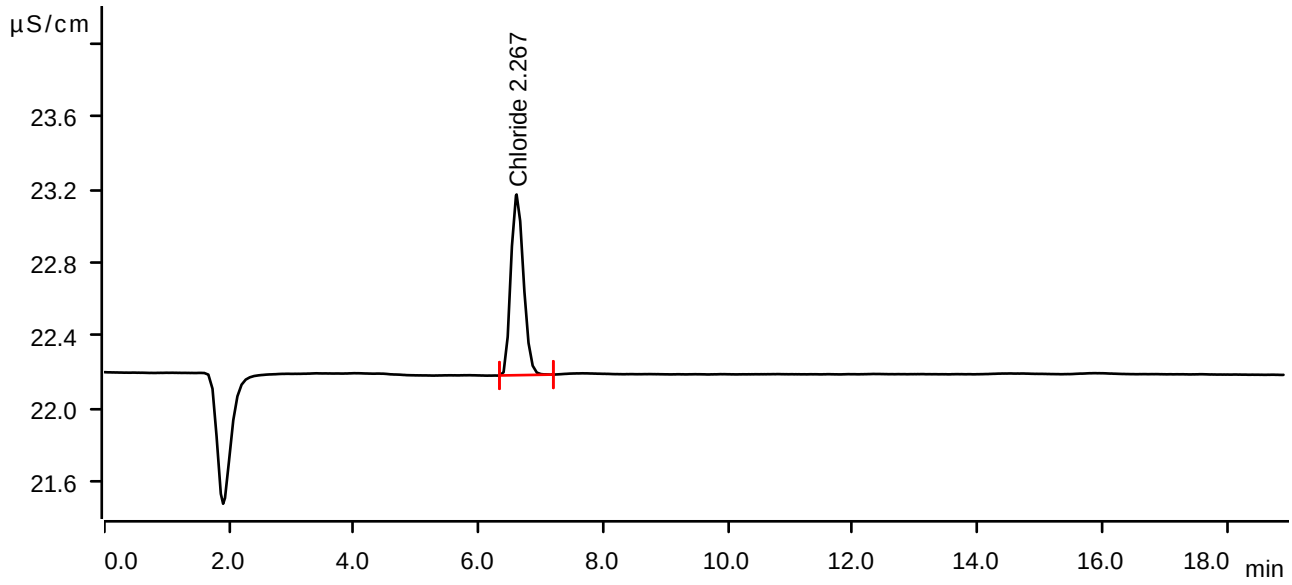
Sample data

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

Anions

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

Anions



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

Metrohm

Reviewed By:Iwon
On:10/7/2025 9:31
AM
Inst Id :IC-1
LB :LB137410

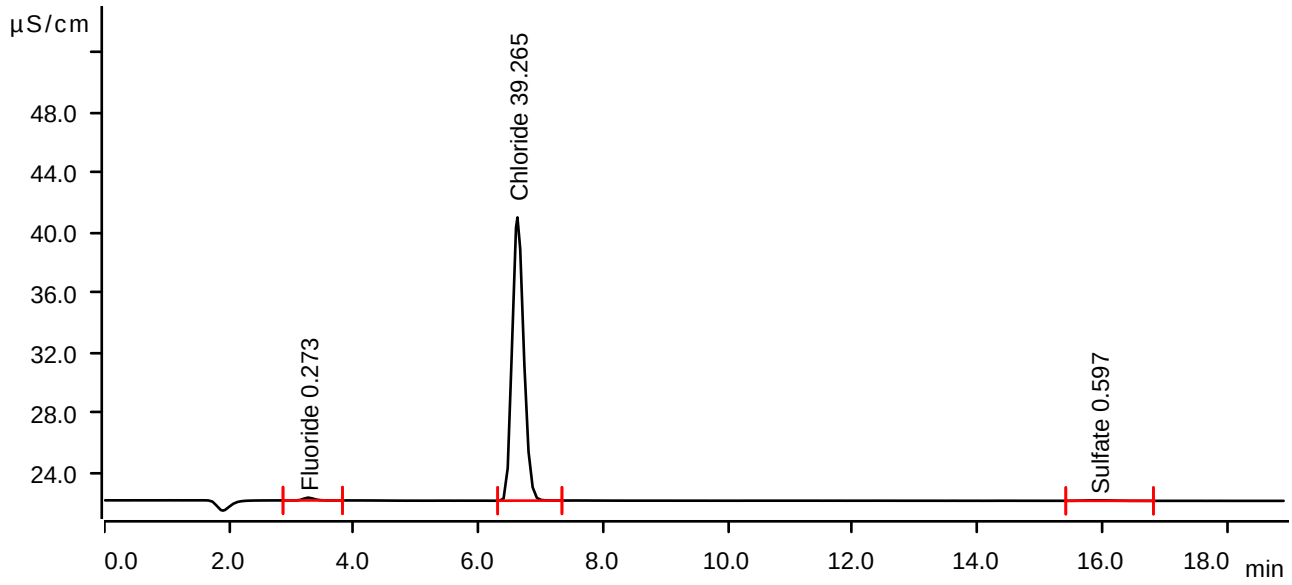
Sample data

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

Anions

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

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

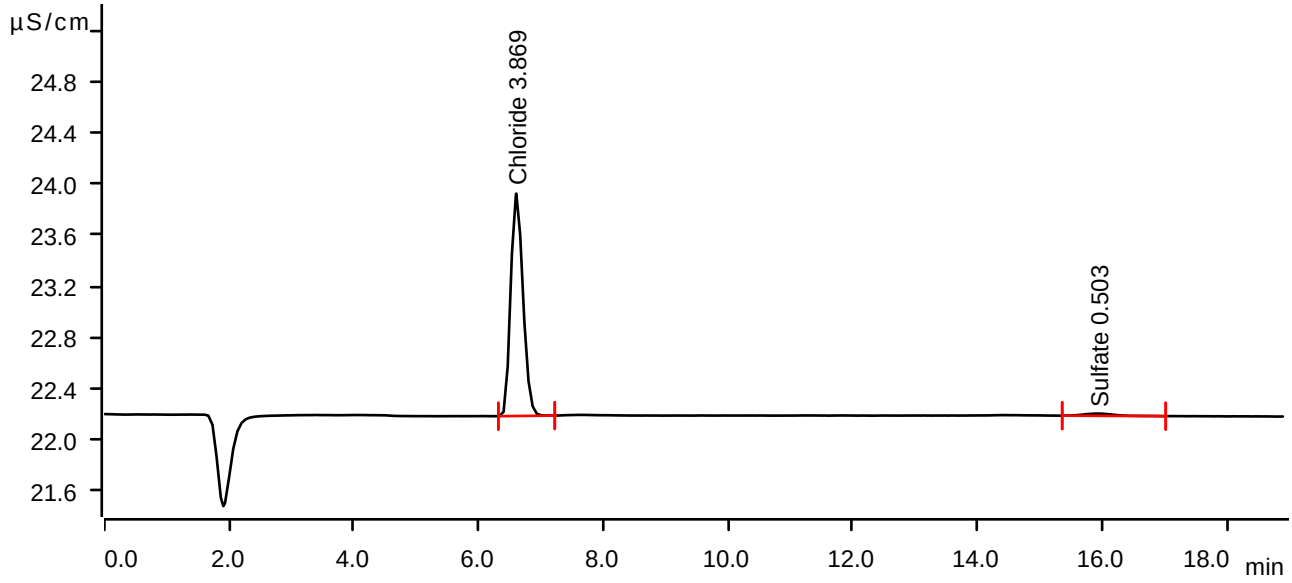
Sample data

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

Anions

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

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

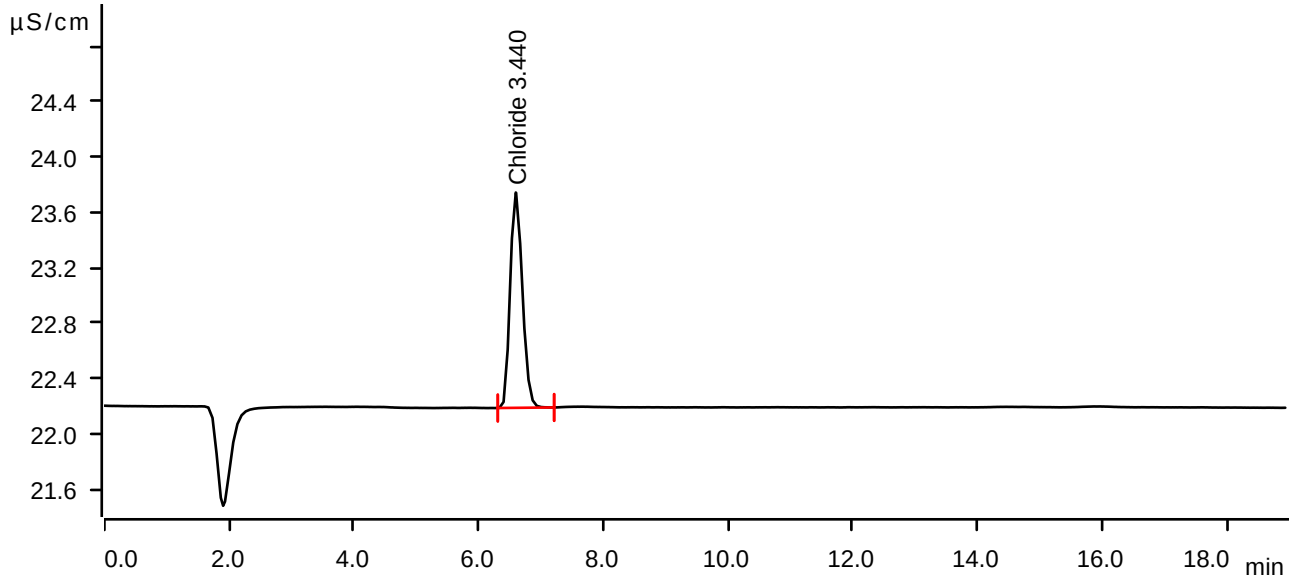
Sample data

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

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.597	0.3515	1.556	3.440	Chloride

Metrohm

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

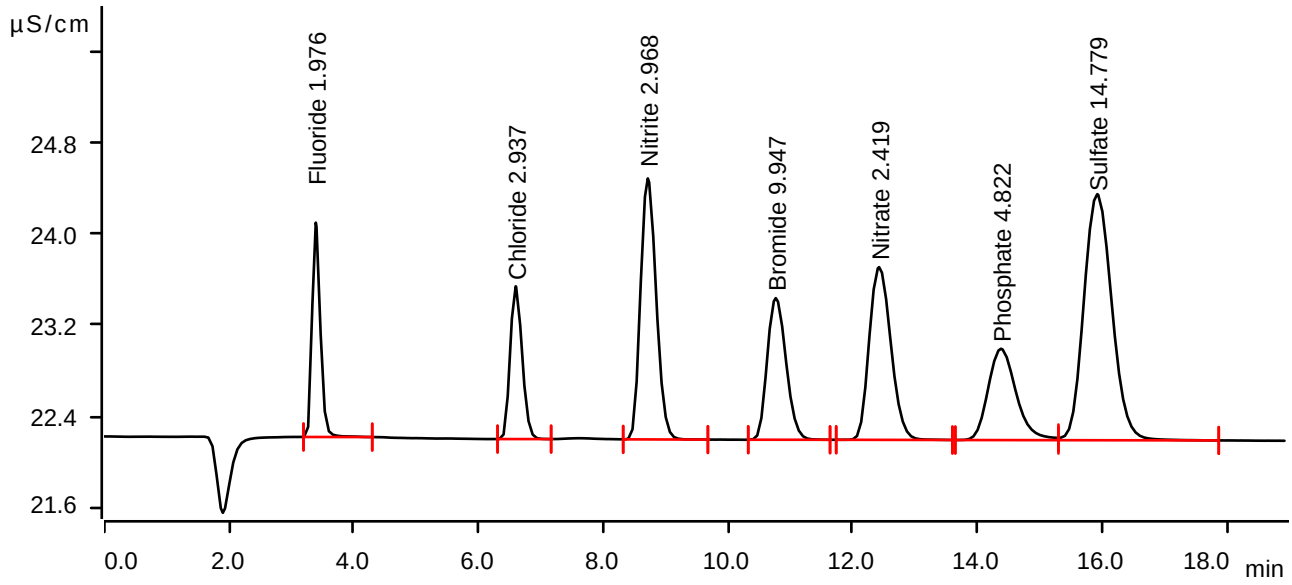
Sample data

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

Anions

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

Anions



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

Reviewed By:Iwon
On:10/7/2025 9:31 AM
Inst Id :IC-1
LB :LB137410

Sample data

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

Anions

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

Anions