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

Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method name	date time	Initial wt Analyst
STD1	0	0	0	0	0	0	0	IC1-062325	6/23/2025 15:17	10 RM/IZ
STD2	0.431	0.634	0.643	2.127	0.534	1.052	3.234	IC1-062325	6/23/2025 15:38	10 RM/IZ
STD3	0.795	1.195	1.199	3.978	0.997	1.935	6.037	IC1-062325	6/23/2025 16:00	10 RM/IZ
STD4	0.988	1.476	1.47	4.916	1.23	2.551	7.422	IC1-062325	6/23/2025 16:21	10 RM/IZ
STD5	2.004	3.017	3.004	10.045	2.505	5.076	14.865	IC1-062325	6/23/2025 16:43	10 RM/IZ
STD6	3.915	5.912	5.914	19.709	4.925	9.602	29.454	IC1-062325	6/23/2025 17:04	10 RM/IZ
STD7	5.068	7.566	7.57	25.225	6.31	12.784	37.488	IC1-062325	6/23/2025 17:25	10 RM/IZ
ICV	1.966	2.881	2.907	9.725	2.361	4.906	14.334	IC1-062325	6/23/2025 17:47	10 RM/IZ
ICB	0	0	0	0	0	0	0	IC1-062325	6/23/2025 18:08	10 RM/IZ
CCV	1.984	2.886	2.897	9.739	2.363	4.912	14.395	IC1-062325	7/1/2025 9:05	10 RM/IZ
CCB	0	0	0	0	0	0	0	IC1-062325	7/1/2025 9:26	10 RM/IZ
LB136336BLW	0	0	0	0	0	0	0	IC1-062325	7/1/2025 9:48	10 RM/IZ
LB136336BSW	1.973	2.871	2.889	9.691	2.35	4.951	14.364	IC1-062325	7/1/2025 10:09	10 RM/IZ
Q2470-01	0.049	24.047	0.086	0	0.621	0	2.063	IC1-062325	7/1/2025 10:31	10 RM/IZ
Q2470-01MS	1.999	26.318	2.907	9.762	2.934	4.971	16.016	IC1-062325	7/1/2025 10:52	10 RM/IZ
Q2470-01MSD	2.036	26.319	2.954	9.905	2.97	5.104	16.244	IC1-062325	7/1/2025 11:14	10 RM/IZ
Q2471-01	0.059	2.712	0.093	0	0.409	0	3.378	IC1-062325	7/1/2025 11:35	10 RM/IZ
CCV	1.974	2.88	2.903	9.712	2.366	4.951	14.437	IC1-062325	7/1/2025 11:57	10 RM/IZ
CCB	0	0	0	0	0	0	0	IC1-062325	7/1/2025 12:19	10 RM/IZ

Reviewed By:Iwona
On:7/2/2025 10:02:33 AM
Inst Id :IC-1
LB :LB136336

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	IC1-062325	6/23/2025 15:17	10	RM/IZ
STD2	0.4310	0.6340	0.6430	2.1270	0.5340	1.0520	3.2340	IC1-062325	6/23/2025 15:38	10	RM/IZ
STD3	0.7950	1.1950	1.1990	3.9780	0.9970	1.9350	6.0370	IC1-062325	6/23/2025 16:00	10	RM/IZ
STD4	0.9880	1.4760	1.4700	4.9160	1.2300	2.5510	7.4220	IC1-062325	6/23/2025 16:21	10	RM/IZ
STD5	2.0040	3.0170	3.0040	10.0450	2.5050	5.0760	14.8650	IC1-062325	6/23/2025 16:43	10	RM/IZ
STD6	3.9150	5.9120	5.9140	19.7090	4.9250	9.6020	29.4540	IC1-062325	6/23/2025 17:04	10	RM/IZ
STD7	5.0680	7.5660	7.5700	25.2250	6.3100	12.7840	37.4880	IC1-062325	6/23/2025 17:25	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	7.7500	5.6667	7.1667	6.3500	6.8000	5.2000	7.8000
STD3	-0.6250	-0.4167	-0.0833	-0.5500	-0.3000	-3.2500	0.6167
STD4	-1.2000	-1.6000	-2.0000	-1.6800	-1.6000	2.0400	-1.0400
STD5	0.2000	0.5667	0.1333	0.4500	0.2000	1.5200	-0.9000
STD6	-2.1250	-1.4667	-1.4333	-1.4550	-1.5000	-3.9800	-1.8200
STD7	1.3600	0.8800	0.9333	0.9000	0.9600	2.2720	1.3189

Reviewed By:Iwona
On:7/2/2025 10:02:33 AM
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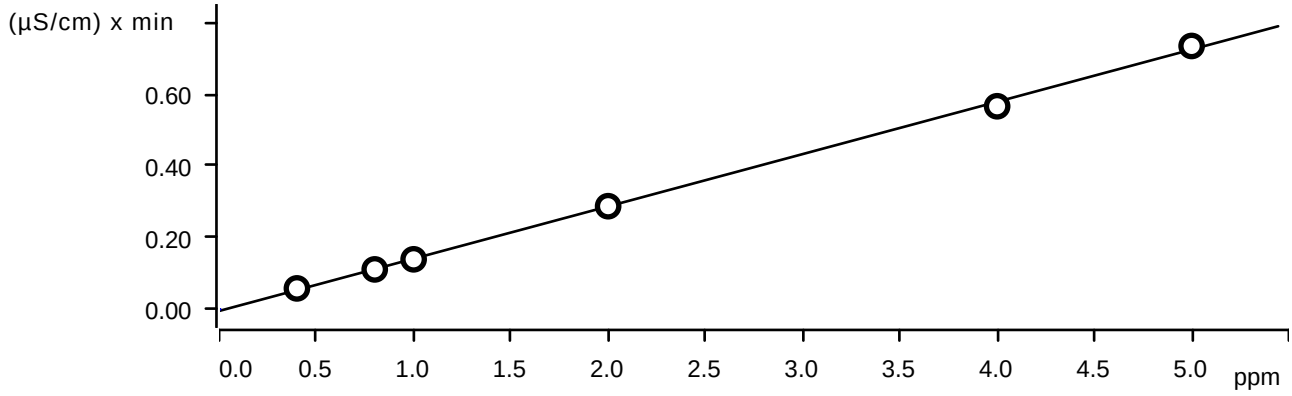
AM
Inst Id :IC-1
LB :LB136336

Fluoride (Anions)



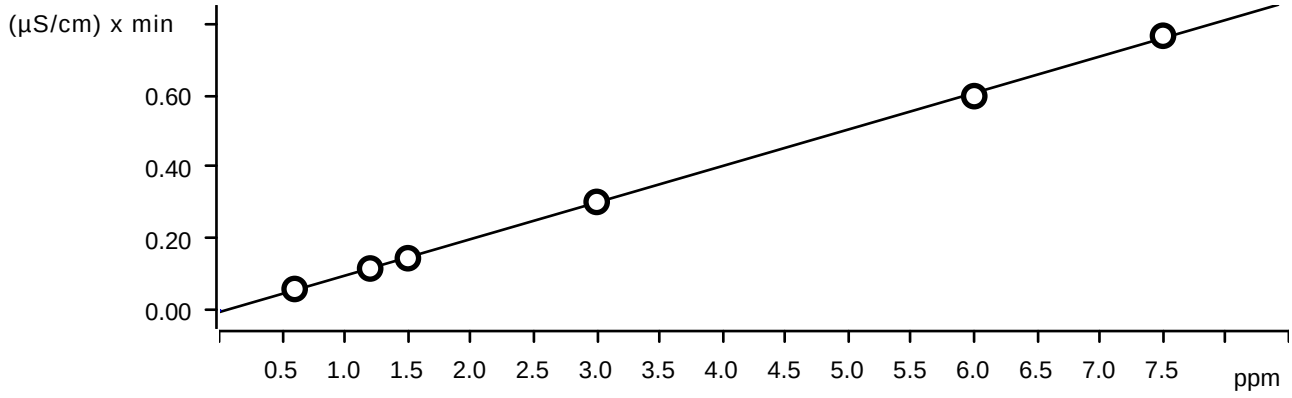
Function: . . . . . *A = - 4.55276E-3 + 0.0145788× Q*

Relative standard deviation . . . . . *2.633289 %*

Correlation coefficient *0.999633*

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	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.058	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.111	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.139	STD4	2025-06-23 16:21:47 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.288	STD5	2025-06-23 16:43:01 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.566	STD6	2025-06-23 17:04:27 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.734	STD7	2025-06-23 17:25:53 UTC-4	used

Chloride (Anions)



Function: . . . . . *A = - 4.66825E-3 + 0.0101843× Q*

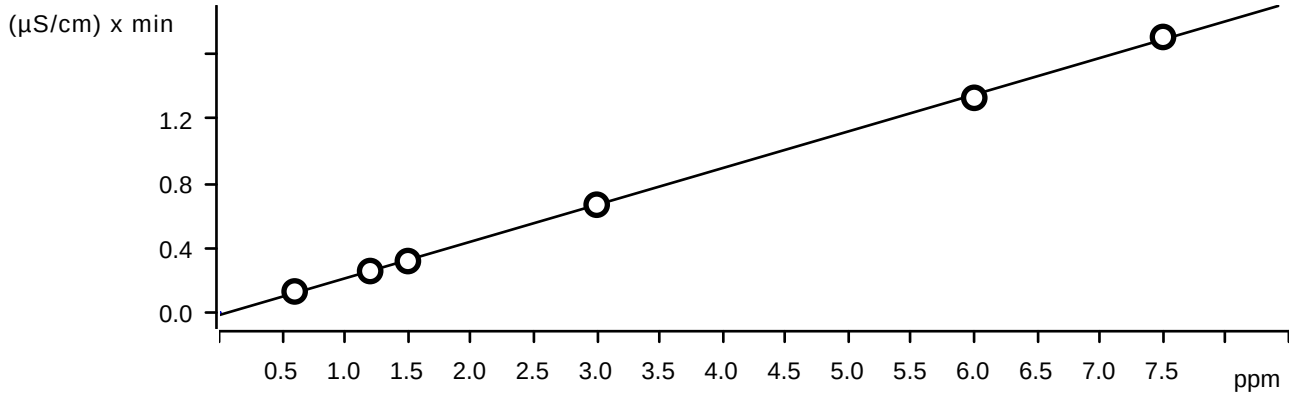
Reviewed By:Iwon
On:7/2/2025 10:02
AM
Inst Id :IC-1
LB :LB136336

Relative standard deviation . . . . . *1.824872 %*

Correlation coefficient *0.999824*

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	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.060	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.117	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.146	STD4	2025-06-23 16:21:47 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.303	STD5	2025-06-23 16:43:01 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.597	STD6	2025-06-23 17:04:27 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.766	STD7	2025-06-23 17:25:53 UTC-4	used

Nitrite (Anions)



Function: . . . . . *A = - 0.0166933 + 0.0227623× Q*

Relative standard deviation . . . . . *1.905382 %*

Correlation coefficient *0.999811*

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	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.130	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.256	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.318	STD4	2025-06-23 16:21:47 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.667	STD5	2025-06-23 16:43:01 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.329	STD6	2025-06-23 17:04:27 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.706	STD7	2025-06-23 17:25:53 UTC-4	used

Reviewed By:Iwon
On:7/2/2025 10:02
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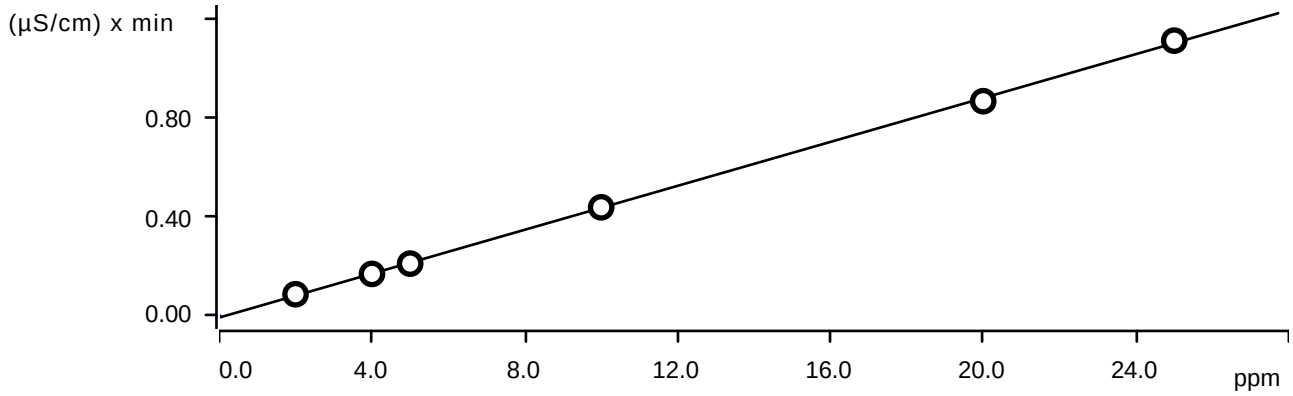
Inst Id :IC-1
LB :LB136336

Bromide (Anions)



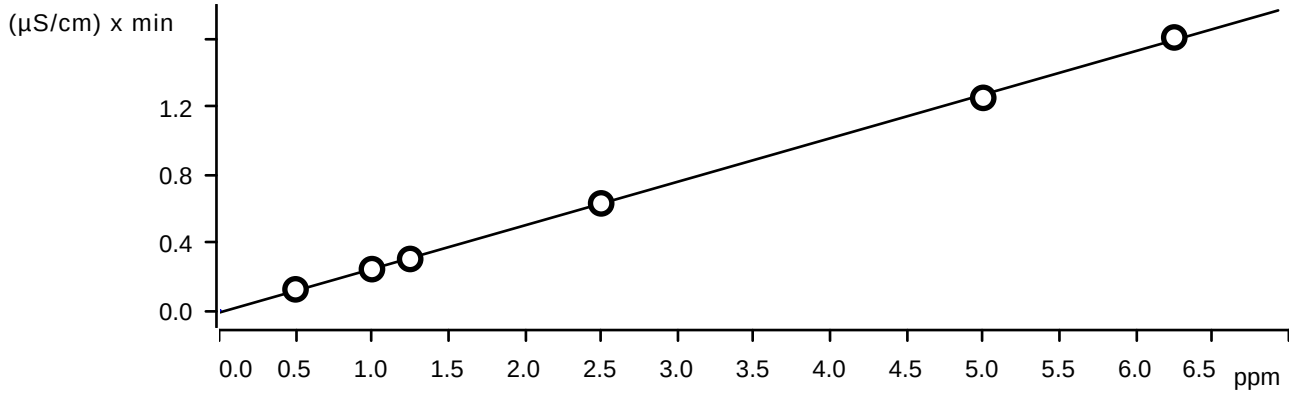
Function: . . . . . *A = - 7.05131E-3 + 4.42168E-3× Q*

Relative standard deviation . . . . . *1.851347 %*

Correlation coefficient *0.999819*

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	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.087	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.169	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.210	STD4	2025-06-23 16:21:47 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.437	STD5	2025-06-23 16:43:01 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.864	STD6	2025-06-23 17:04:27 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.108	STD7	2025-06-23 17:25:53 UTC-4	used

Nitrate (Anions)



Function: . . . . . *A = - 0.0130270 + 0.0256654× Q*

Relative standard deviation . . . . . *1.929849 %*

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On:7/2/2025 10:02
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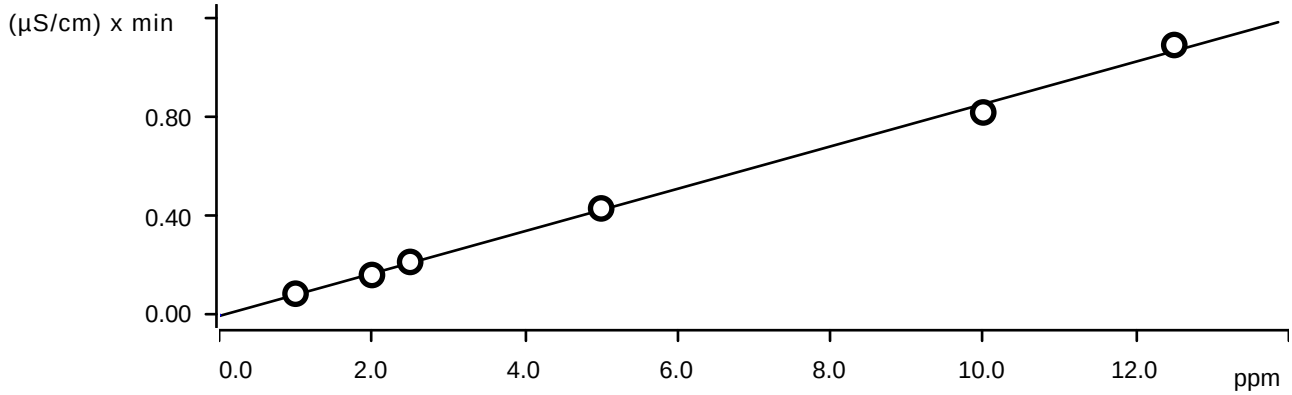
Inst Id :IC-1
LB :LB136336

Correlation coefficient *0.999804*

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	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.124	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.243	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.303	STD4	2025-06-23 16:21:47 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.630	STD5	2025-06-23 16:43:01 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.251	STD6	2025-06-23 17:04:27 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.606	STD7	2025-06-23 17:25:53 UTC-4	used

Phosphate (Anions)



Function: . . . . . *A = - 3.61656E-3 + 8.53718E-3× Q*

Relative standard deviation . . . . . *4.618615 %*

Correlation coefficient *0.998857*

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	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.086	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.162	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.214	STD4	2025-06-23 16:21:47 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.430	STD5	2025-06-23 16:43:01 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.816	STD6	2025-06-23 17:04:27 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.088	STD7	2025-06-23 17:25:53 UTC-4	used

Reviewed By:Iwon
On:7/2/2025 10:02
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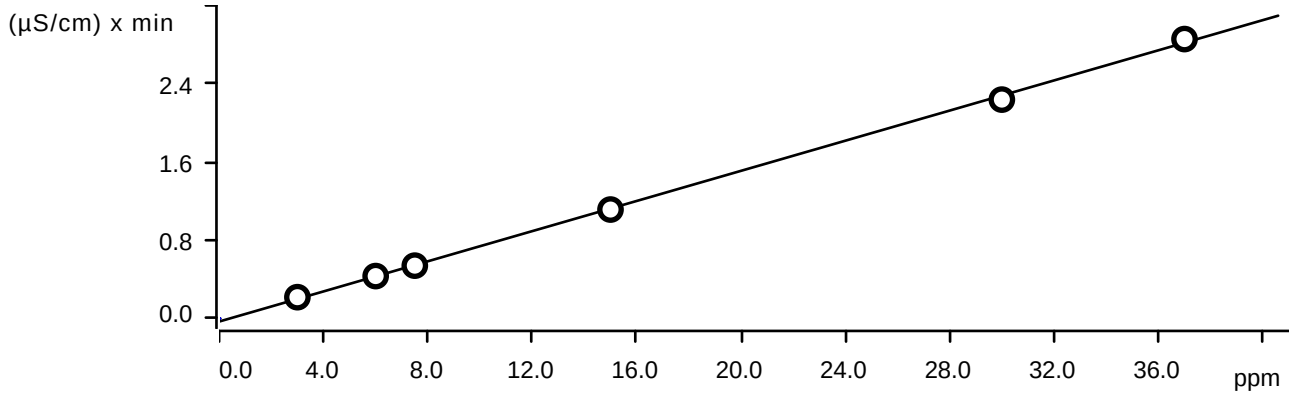
Inst Id :IC-1
LB :LB136336

Sulfate (Anions)



Function: . . . . . *A = - 0.0315238 + 7.70359E-3× Q*

Relative standard deviation . . . . . *2.454303 %*

Correlation coefficient *0.999685*

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	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.218	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.434	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 4	1	7.500	10.0	1.0	1.0	0.540	STD4	2025-06-23 16:21:47 UTC-4	used
Standard 5	1	15.000	10.0	1.0	1.0	1.114	STD5	2025-06-23 16:43:01 UTC-4	used
Standard 6	1	30.000	10.0	1.0	1.0	2.237	STD6	2025-06-23 17:04:27 UTC-4	used
Standard 7	1	37.000	10.0	1.0	1.0	2.856	STD7	2025-06-23 17:25:53 UTC-4	used

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

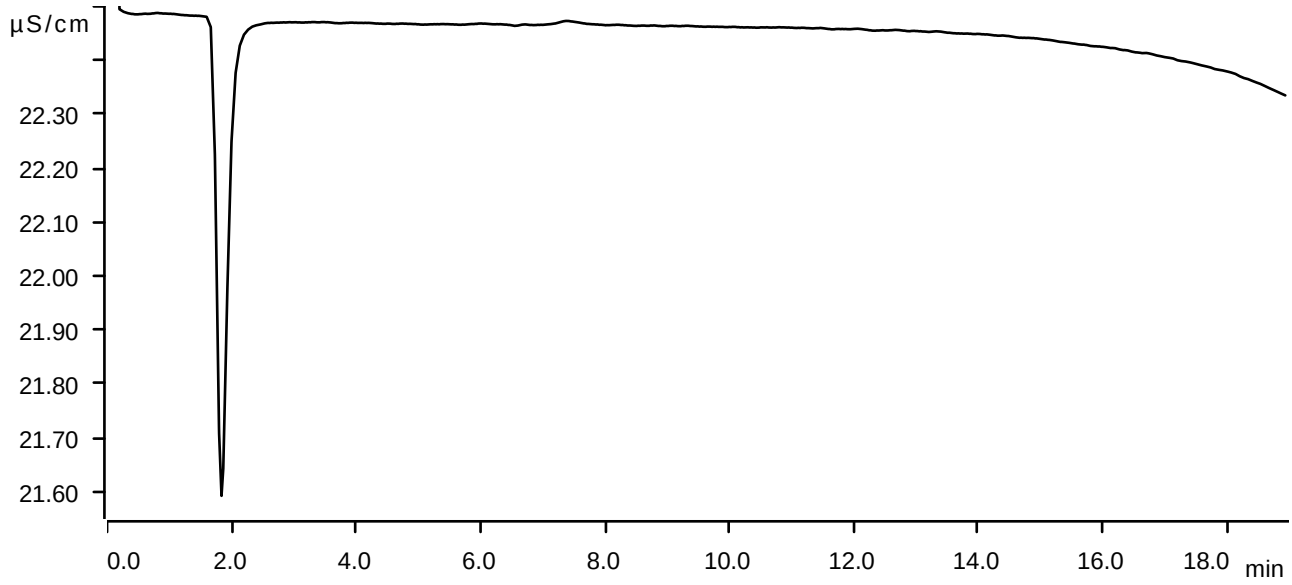
Sample data

Ident	STD1
Sample type	Standard 1
Determination start	2025-06-23 15:17:36 UTC-4
Method	IC1-062325
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



Metrohm

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

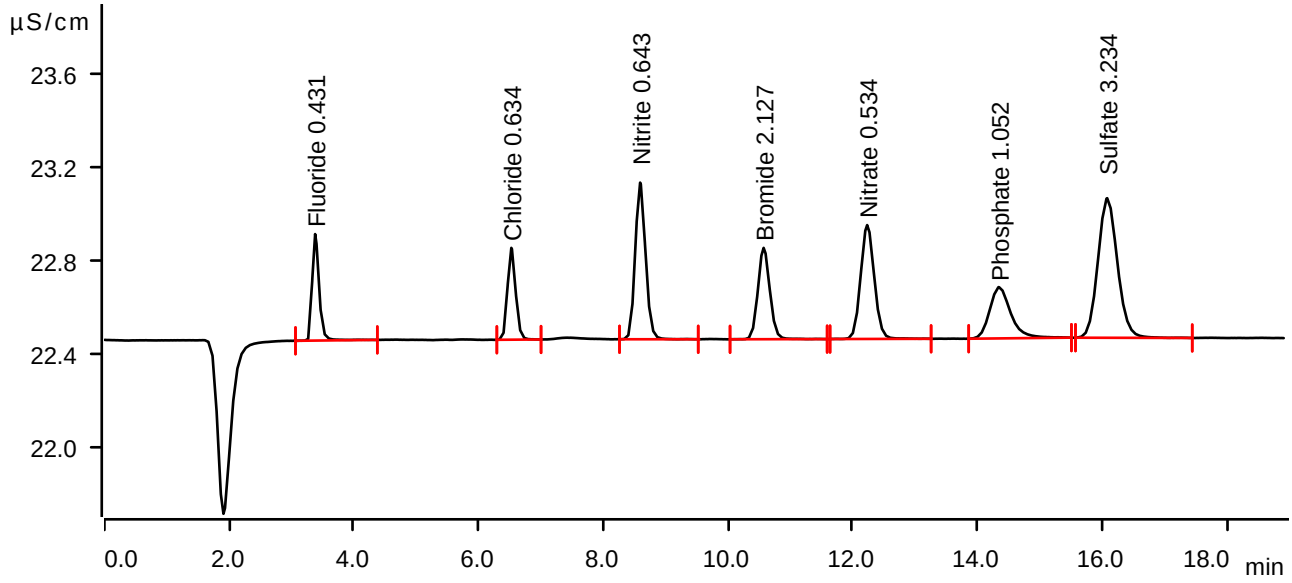
Sample data

Ident	STD2
Sample type	Standard 2
Determination start	2025-06-23 15:38:59 UTC-4
Method	IC1-062325
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	11.54	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.380	0.0584	0.457	0.431	Fluoride
2	6.525	0.0599	0.394	0.634	Chloride
3	8.590	0.1297	0.673	0.643	Nitrite
4	10.570	0.0870	0.392	2.127	Bromide
5	12.230	0.1239	0.489	0.534	Nitrate
6	14.343	0.0862	0.220	1.052	Phosphate
7	16.078	0.2176	0.600	3.234	Sulfate

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

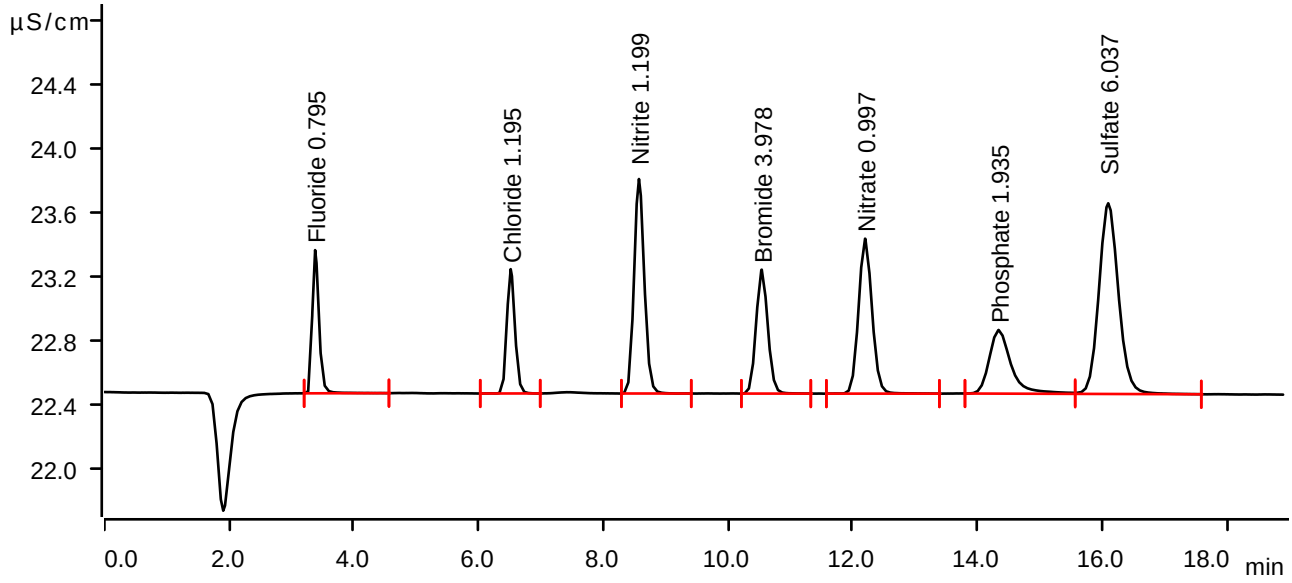
Sample data

Ident	STD3
Sample type	Standard 3
Determination start	2025-06-23 16:00:23 UTC-4
Method	IC1-062325
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	11.43	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.380	0.1114	0.894	0.795	Fluoride
2	6.515	0.1170	0.776	1.195	Chloride
3	8.572	0.2561	1.340	1.199	Nitrite
4	10.540	0.1688	0.774	3.978	Bromide
5	12.197	0.2428	0.968	0.997	Nitrate
6	14.338	0.1616	0.398	1.935	Phosphate
7	16.095	0.4335	1.191	6.037	Sulfate

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

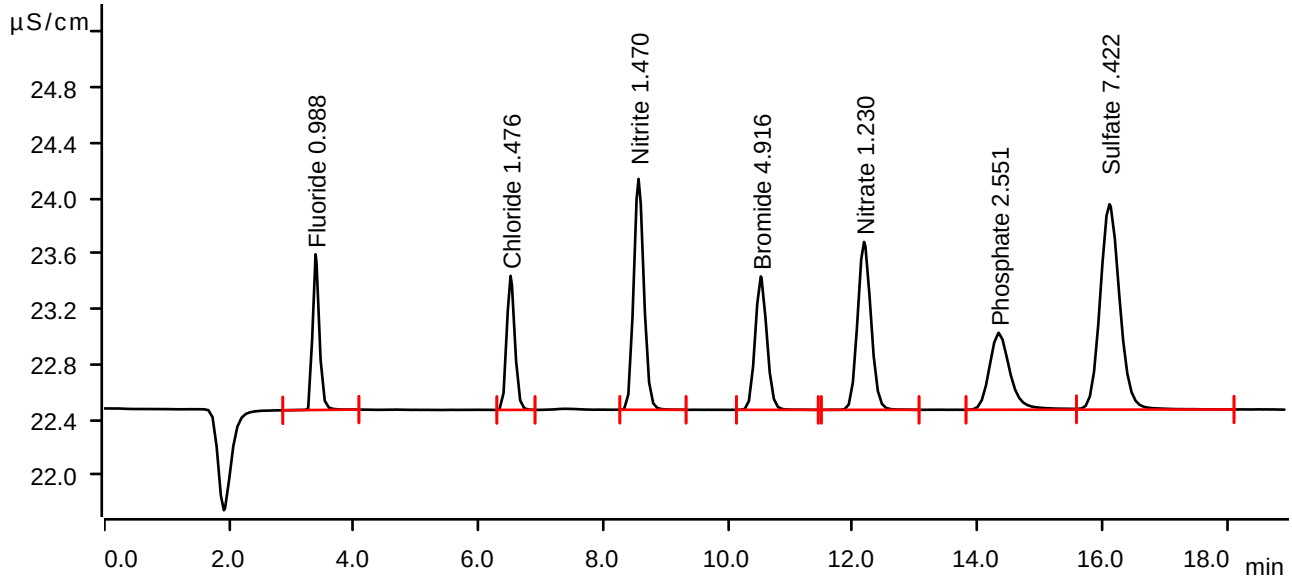
Sample data

Ident	STD4
Sample type	Standard 4
Determination start	2025-06-23 16:21:47 UTC-4
Method	IC1-062325
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	11.37	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	3.387	0.1394	1.124	0.988	Fluoride
2	6.513	0.1456	0.968	1.476	Chloride
3	8.565	0.3180	1.668	1.470	Nitrite
4	10.525	0.2103	0.964	4.916	Bromide
5	12.180	0.3026	1.213	1.230	Nitrate
6	14.340	0.2142	0.555	2.551	Phosphate
7	16.115	0.5402	1.484	7.422	Sulfate

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

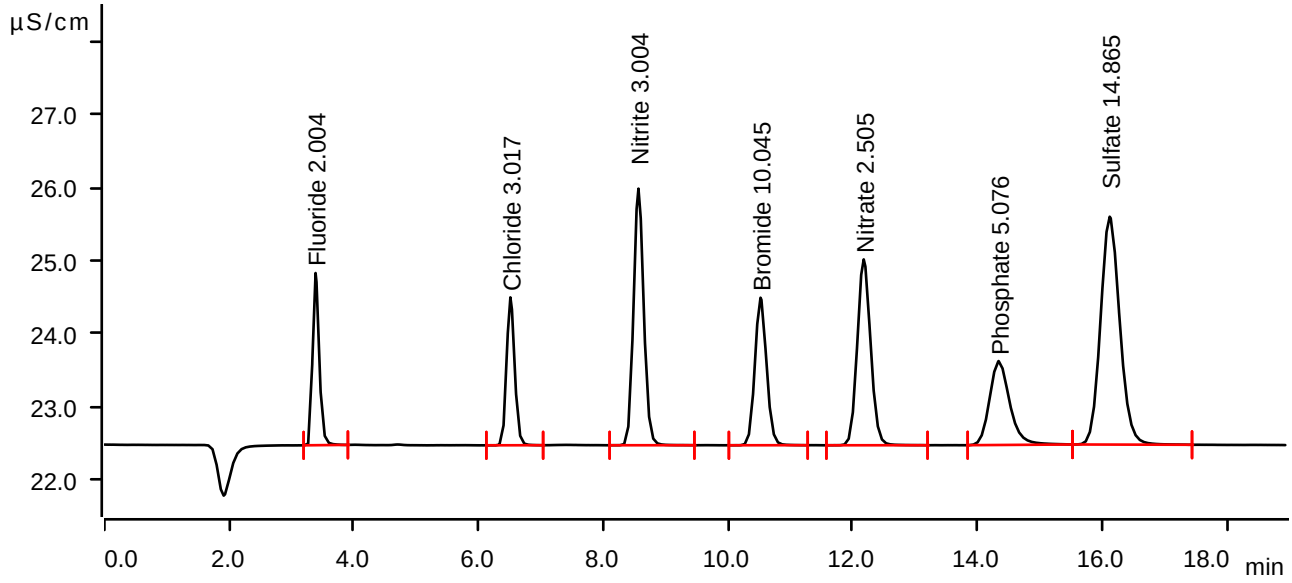
Sample data

Ident	STD5
Sample type	Standard 5
Determination start	2025-06-23 16:43:01 UTC-4
Method	IC1-062325
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	11.43	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	3.387	0.2876	2.353	2.004	Fluoride
2	6.510	0.3026	2.021	3.017	Chloride
3	8.563	0.6671	3.507	3.004	Nitrite
4	10.520	0.4371	2.016	10.045	Bromide
5	12.175	0.6299	2.540	2.505	Nitrate
6	14.338	0.4297	1.146	5.076	Phosphate
7	16.118	1.1136	3.114	14.865	Sulfate

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

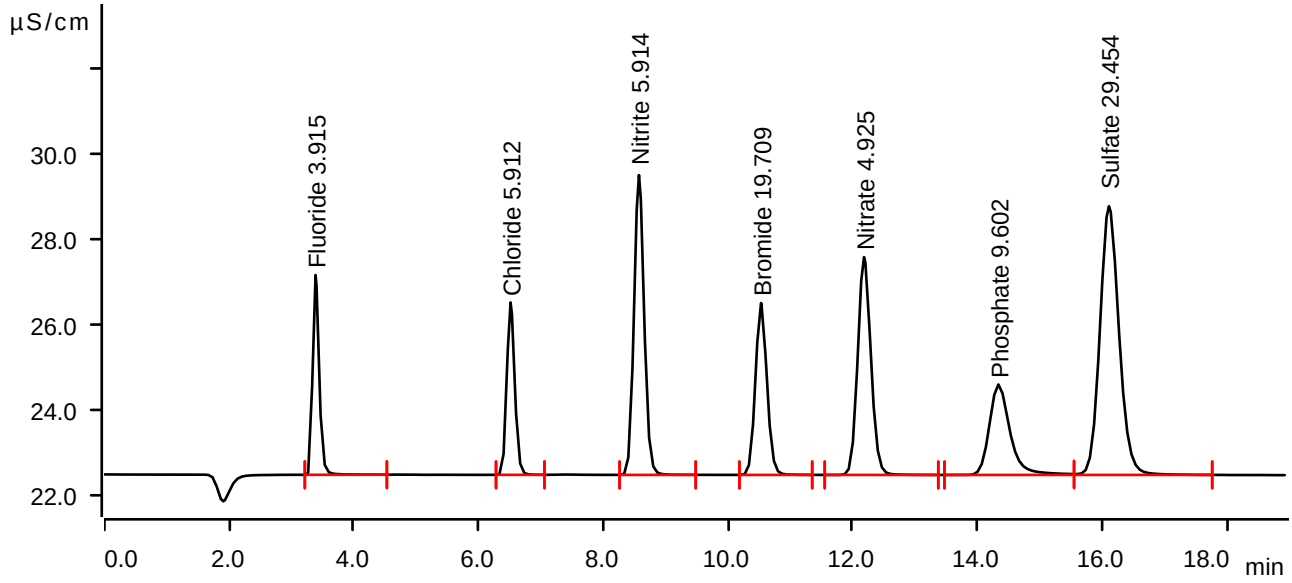
Sample data

Ident	STD6
Sample type	Standard 6
Determination start	2025-06-23 17:04:27 UTC-4
Method	IC1-062325
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	11.37	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	3.387	0.5661	4.679	3.915	Fluoride
2	6.513	0.5975	4.037	5.912	Chloride
3	8.572	1.3294	7.024	5.914	Nitrite
4	10.528	0.8644	4.027	19.709	Bromide
5	12.180	1.2509	5.103	4.925	Nitrate
6	14.335	0.8161	2.118	9.602	Phosphate
7	16.107	2.2375	6.295	29.454	Sulfate

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

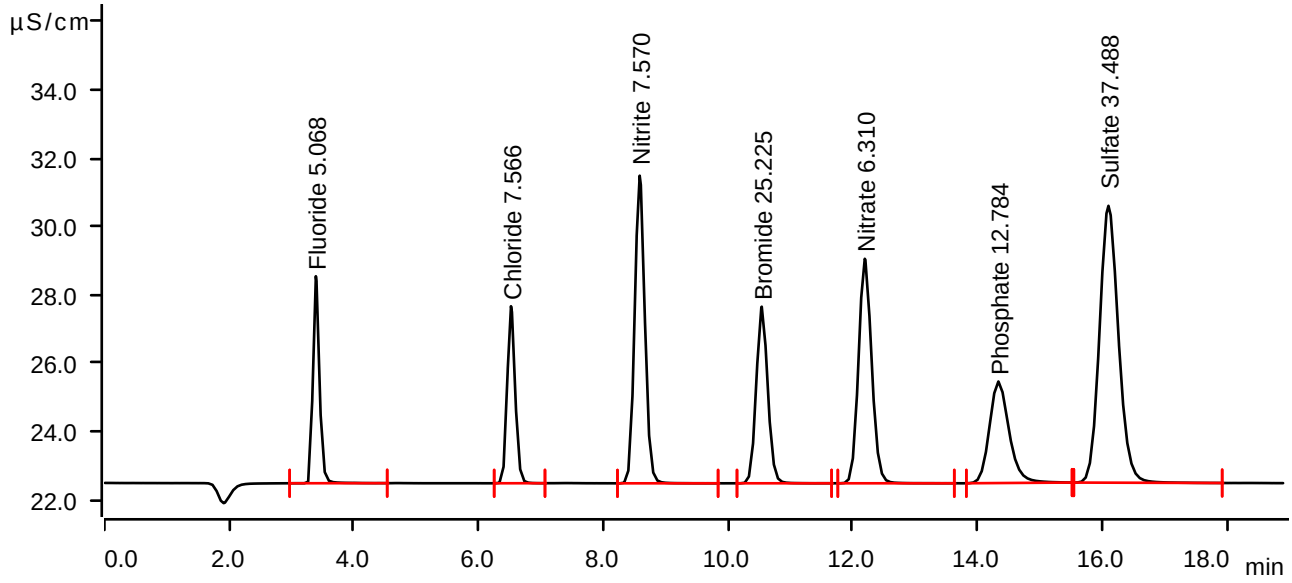
Sample data

Ident	STD7
Sample type	Standard 7
Determination start	2025-06-23 17:25:53 UTC-4
Method	IC1-062325
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	11.37	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	0.7342	6.060	5.068	Fluoride
2	6.520	0.7659	5.183	7.566	Chloride
3	8.583	1.7064	9.009	7.570	Nitrite
4	10.540	1.1083	5.172	25.225	Bromide
5	12.192	1.6065	6.575	6.310	Nitrate
6	14.333	1.0878	2.972	12.784	Phosphate
7	16.098	2.8564	8.108	37.488	Sulfate

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

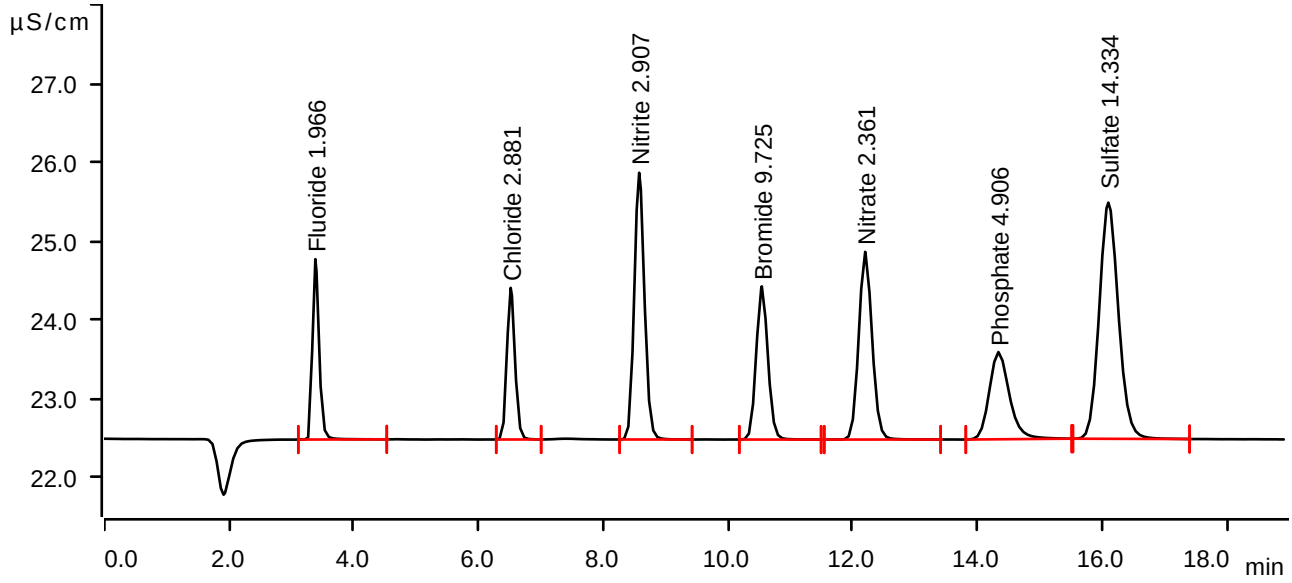
Sample data

Ident	ICV
Sample type	Check standard 1
Determination start	2025-06-23 17:47:21 UTC-4
Method	IC1-062325
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	11.43	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.383	0.2821	2.288	1.966	Fluoride
2	6.515	0.2887	1.924	2.881	Chloride
3	8.575	0.6450	3.385	2.907	Nitrite
4	10.542	0.4229	1.943	9.725	Bromide
5	12.198	0.5928	2.382	2.361	Nitrate
6	14.335	0.4152	1.107	4.906	Phosphate
7	16.097	1.0727	2.998	14.334	Sulfate

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

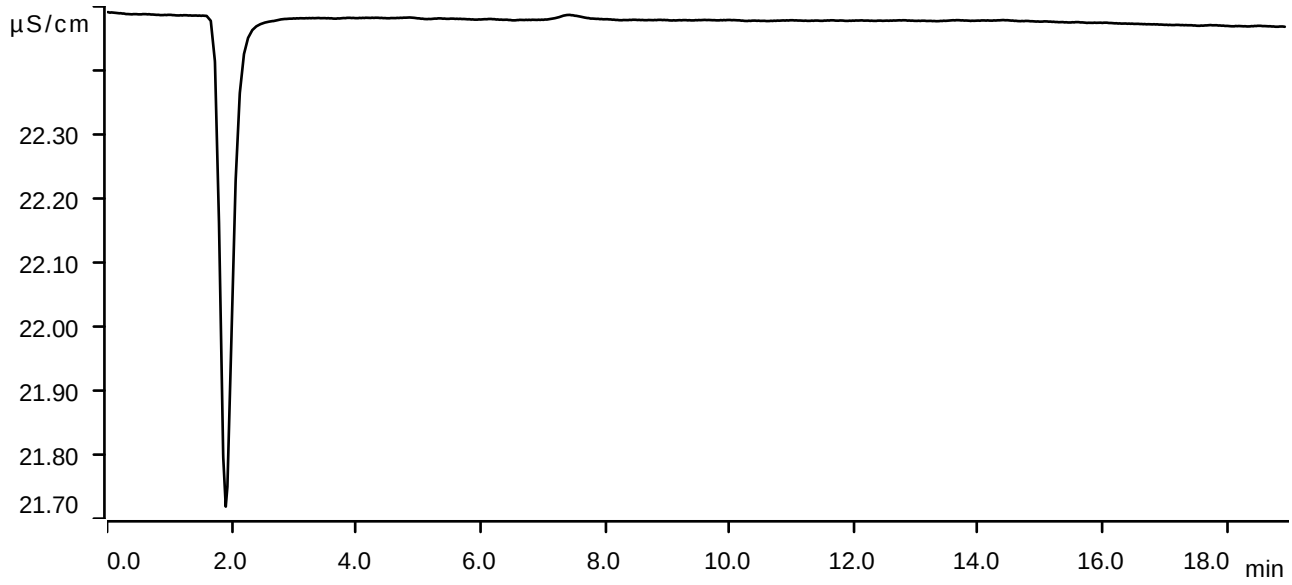
Sample data

Ident	ICB	
Sample type	Sample	
Determination start	2025-06-23 18:08:49 UTC-4	
Method	IC1-062325	
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	11.49	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Metrohm

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

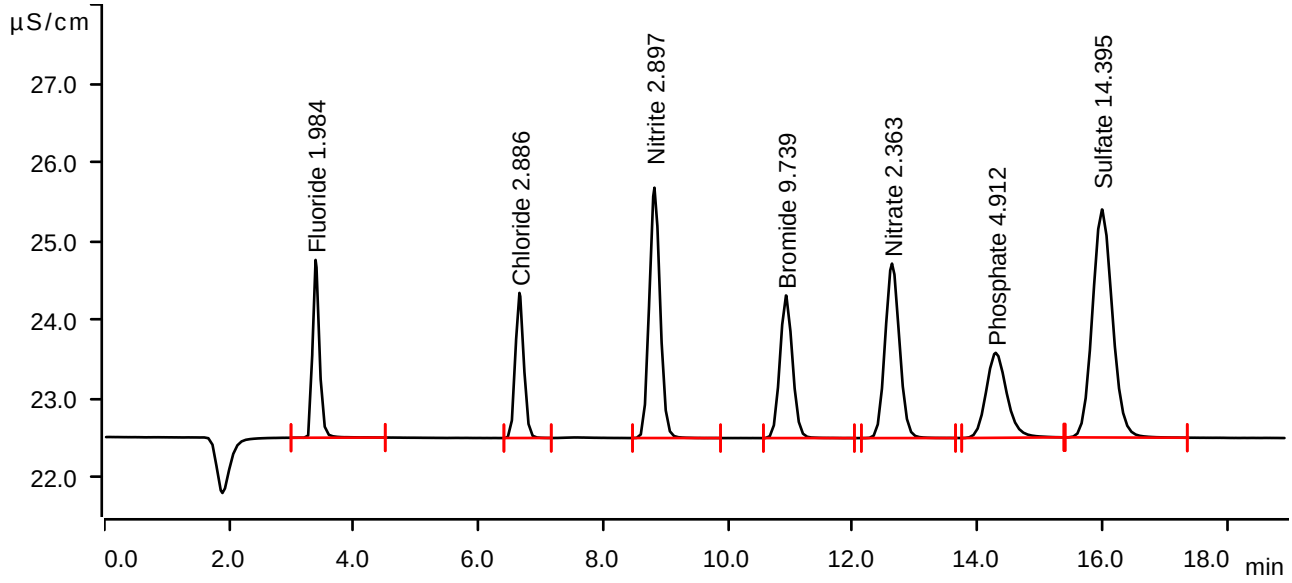
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-07-01 09:05:10 UTC-4
Method	IC1-062325
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	12.56	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	3.387	0.2847	2.255	1.984	Fluoride
2	6.655	0.2892	1.841	2.886	Chloride
3	8.820	0.6427	3.177	2.897	Nitrite
4	10.928	0.4236	1.810	9.739	Bromide
5	12.628	0.5934	2.214	2.363	Nitrate
6	14.292	0.4157	1.078	4.912	Phosphate
7	15.995	1.0774	2.893	14.395	Sulfate

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

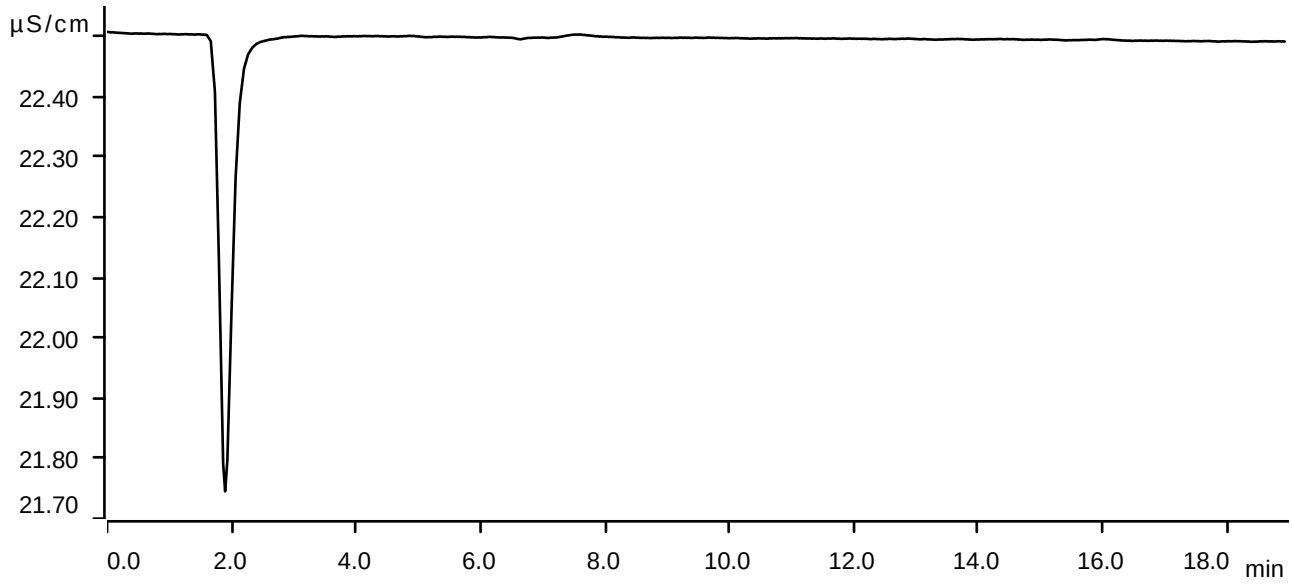
Sample data

Ident	CCB	
Sample type	Sample	
Determination start	2025-07-01 09:26:41 UTC-4	
Method	IC1-062325	
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



Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

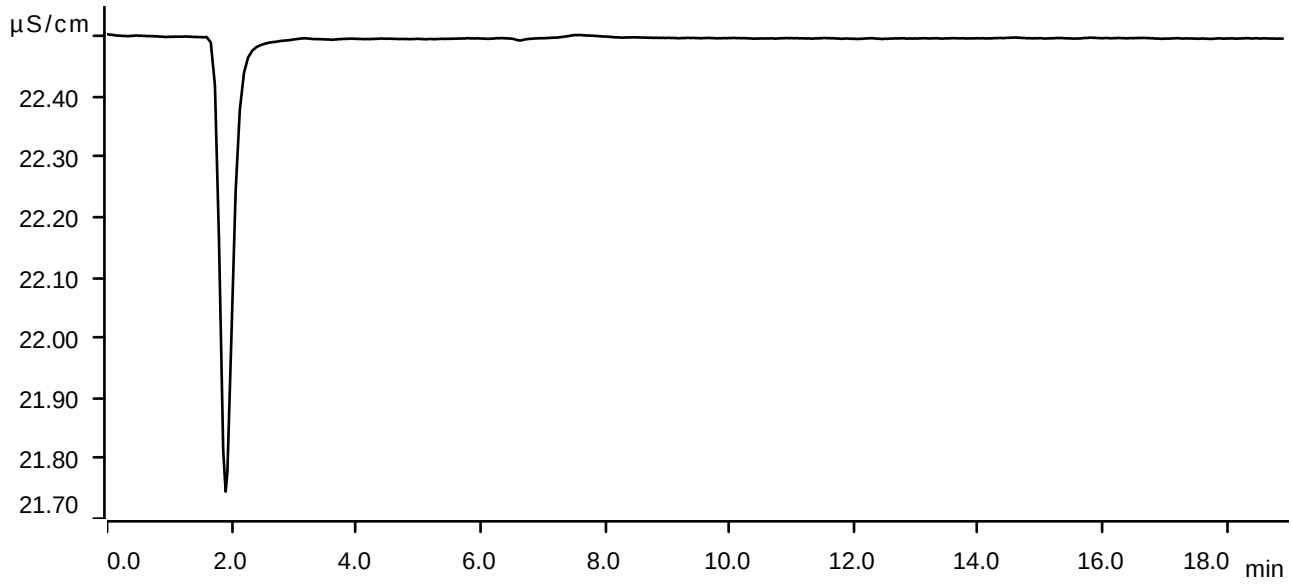
Sample data

Ident	LB136336BLW	
Sample type	Sample	
Determination start	2025-07-01 09:48:11 UTC-4	
Method	IC1-062325	
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



Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

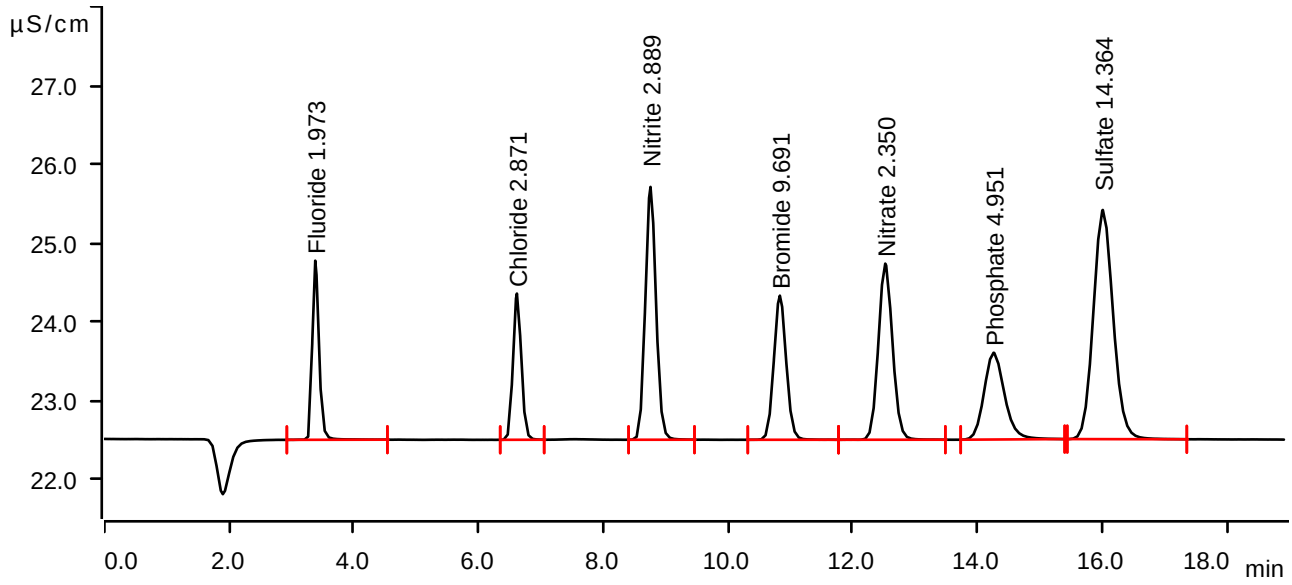
Sample data

Ident	LB136336BSW
Sample type	Check standard 1
Determination start	2025-07-01 10:09:42 UTC-4
Method	IC1-062325
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.33	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.382	0.2830	2.273	1.973	Fluoride
2	6.615	0.2878	1.855	2.871	Chloride
3	8.757	0.6409	3.208	2.889	Nitrite
4	10.830	0.4214	1.829	9.691	Bromide
5	12.520	0.5901	2.235	2.350	Nitrate
6	14.257	0.4190	1.101	4.951	Phosphate
7	16.008	1.0750	2.908	14.364	Sulfate

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

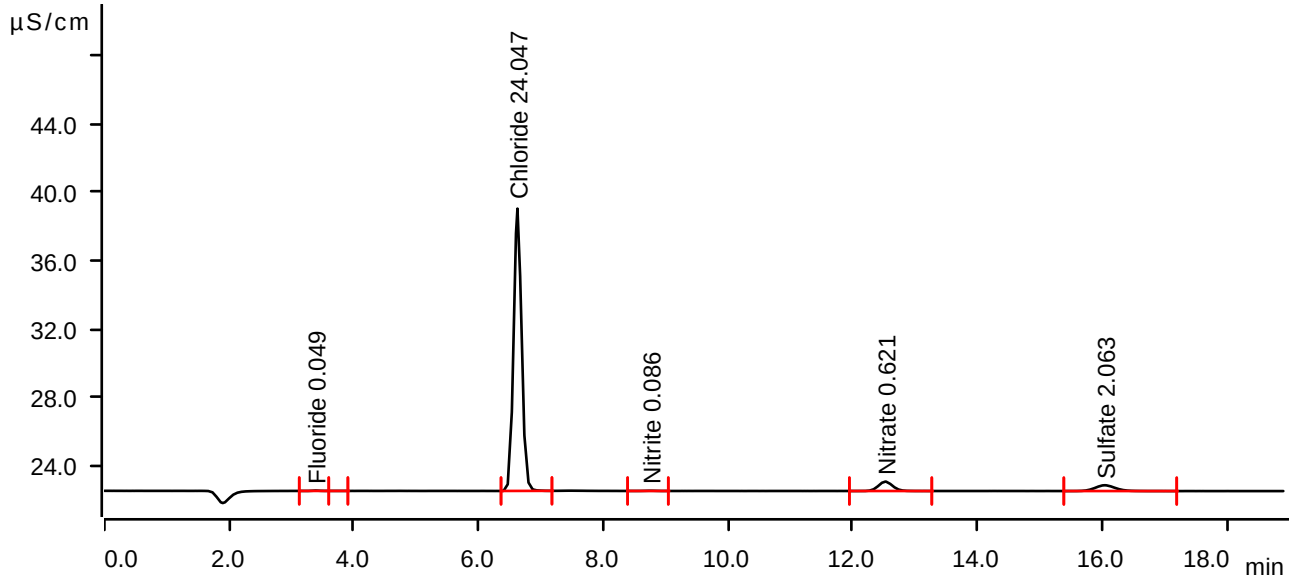
Sample data

Ident	Q2470-01
Sample type	Sample
Determination start	2025-07-01 10:31:14 UTC-4
Method	IC1-062325
Operator	

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.383	0.0025	0.021	0.049	Fluoride
2	3.723	0.0002	0.001	invalid	
3	6.623	2.4444	16.532	24.047	Chloride
4	8.755	0.0028	0.014	0.086	Nitrite
5	12.522	0.1464	0.551	0.621	Nitrate
6	16.042	0.1274	0.340	2.063	Sulfate

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

Sample data

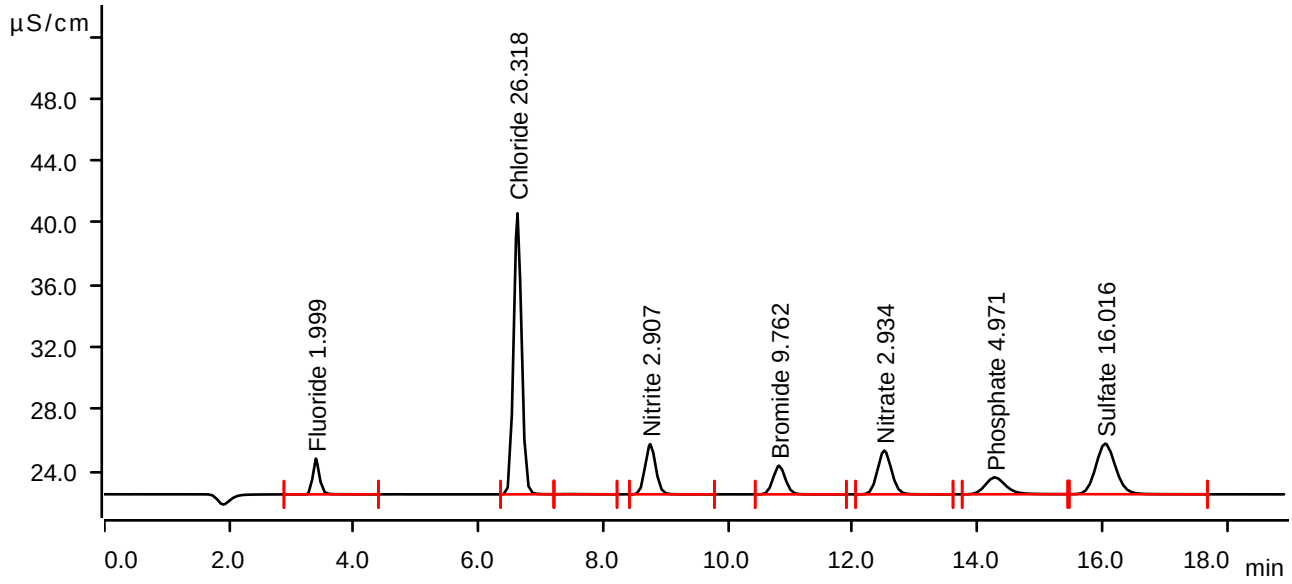
Ident	Q2470-01MS	
Sample type	Sample	
Determination start	2025-07-01 10:52:47 UTC-4	
Method	IC1-062325	
Operator		

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

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.390	0.2868	2.303	1.999	Fluoride
2	6.625	2.6756	18.103	26.318	Chloride
3	7.483	0.0047	0.011	invalid	
4	8.753	0.6450	3.238	2.907	Nitrite
5	10.817	0.4246	1.847	9.762	Bromide
6	12.505	0.7400	2.822	2.934	Nitrate
7	14.277	0.4208	1.094	4.971	Phosphate
8	16.047	1.2023	3.260	16.016	Sulfate

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

Sample data

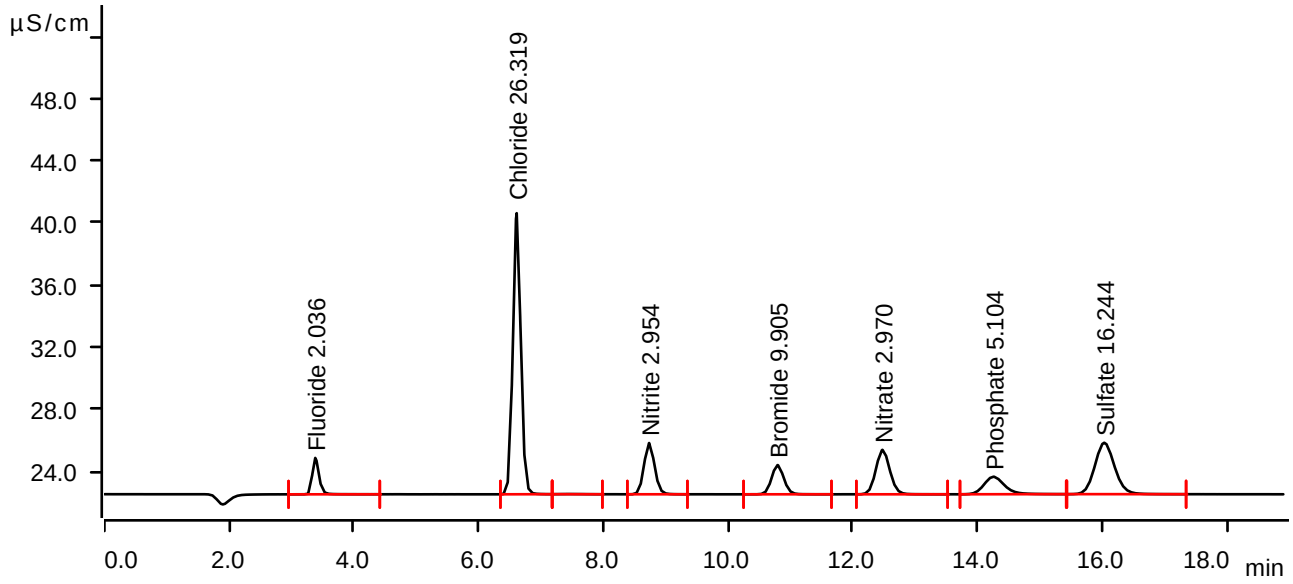
Ident	Q2470-01MSD	
Sample type	Sample	
Determination start	2025-07-01 11:14:21 UTC-4	
Method	IC1-062325	
Operator		

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

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.382	0.2922	2.345	2.036	Fluoride
2	6.612	2.6757	18.108	26.319	Chloride
3	7.452	0.0043	0.011	invalid	
4	8.735	0.6556	3.301	2.954	Nitrite
5	10.793	0.4309	1.882	9.905	Bromide
6	12.477	0.7491	2.862	2.970	Nitrate
7	14.255	0.4321	1.129	5.104	Phosphate
8	16.032	1.2199	3.314	16.244	Sulfate

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

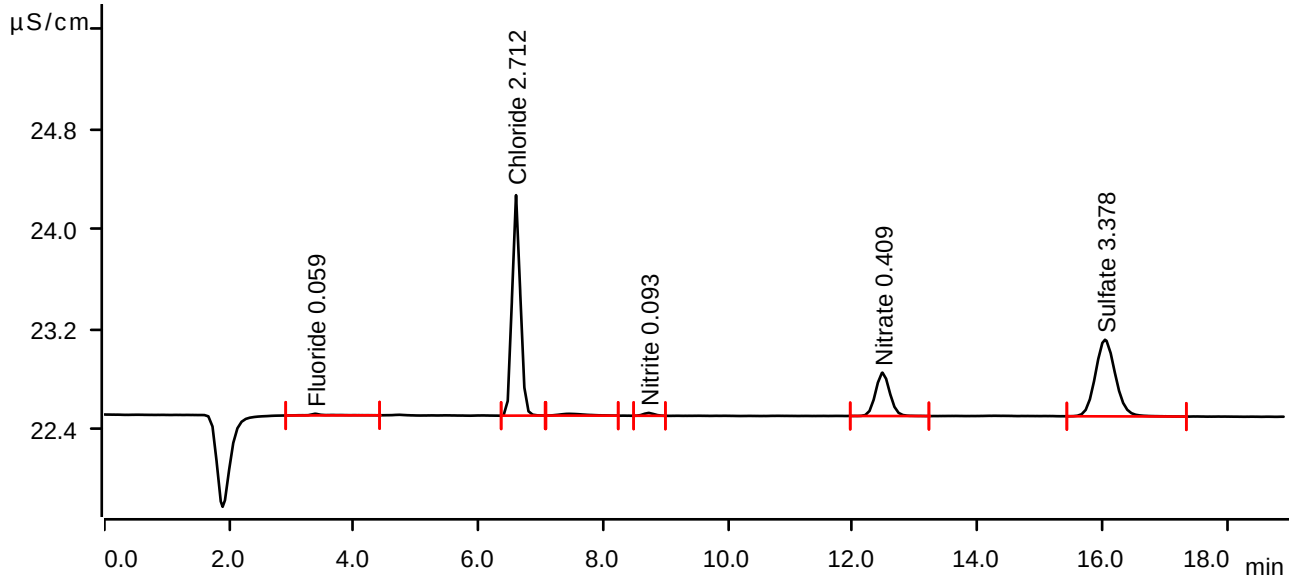
Sample data

Ident	Q2471-01
Sample type	Sample
Determination start	2025-07-01 11:35:55 UTC-4
Method	IC1-062325
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.16	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.378	0.0041	0.014	0.059	Fluoride
2	6.600	0.2715	1.764	2.712	Chloride
3	7.452	0.0070	0.014	invalid	
4	8.725	0.0045	0.023	0.093	Nitrite
5	12.477	0.0919	0.347	0.409	Nitrate
6	16.043	0.2287	0.613	3.378	Sulfate

Reviewed By:Iwon
On:7/2/2025 10:02 AM
Inst Id :IC-1
LB :LB136336

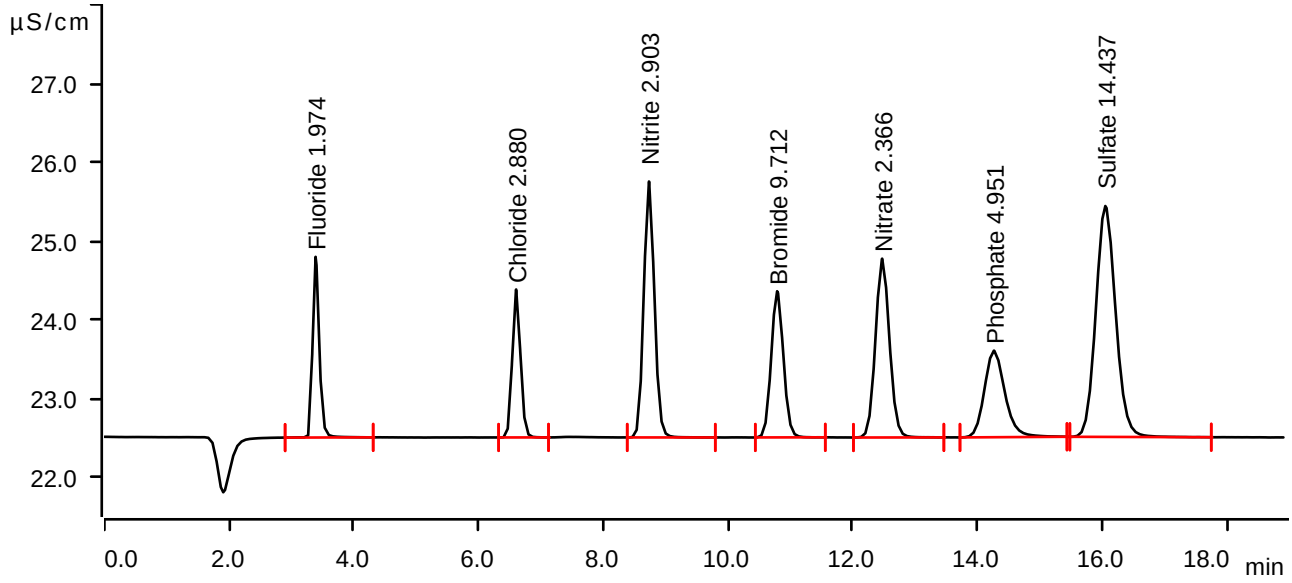
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-07-01 11:57:30 UTC-4
Method	IC1-062325
Operator	

Anions

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

Anions



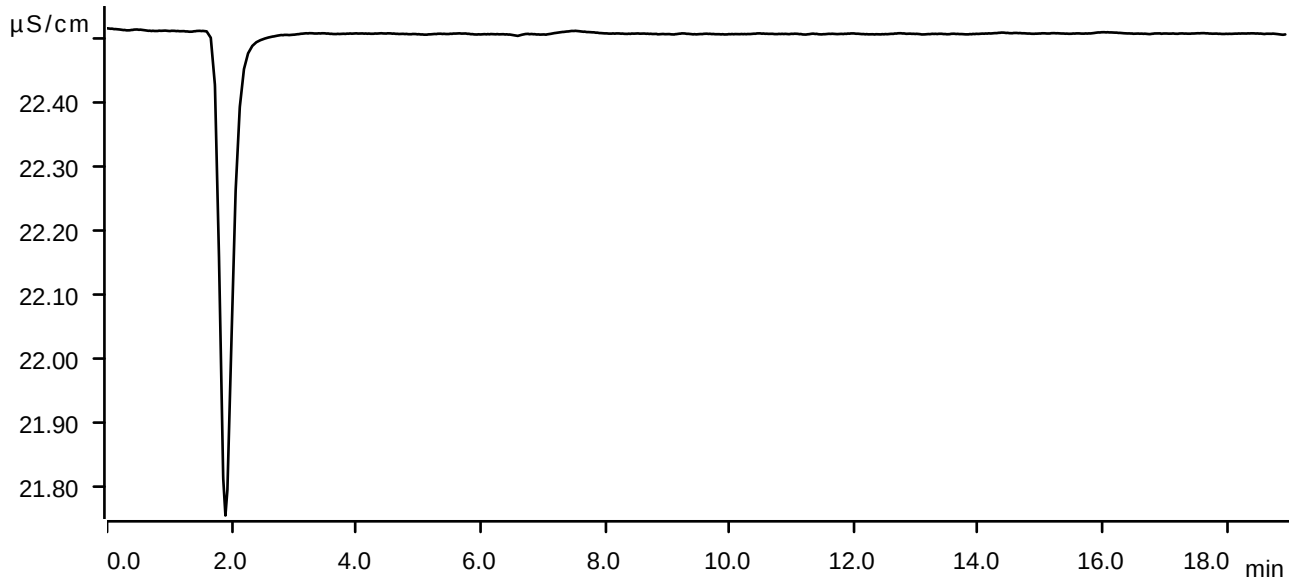
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.387	0.2833	2.292	1.974	Fluoride
2	6.603	0.2887	1.877	2.880	Chloride
3	8.732	0.6440	3.248	2.903	Nitrite
4	10.787	0.4224	1.855	9.712	Bromide
5	12.472	0.5942	2.269	2.366	Nitrate
6	14.262	0.4190	1.099	4.951	Phosphate
7	16.048	1.0807	2.930	14.437	Sulfate

Reviewed By:Iwon
On:7/2/2025 10:02
AM
Inst Id :IC-1
LB :LB136336

Sample data

Ident	CCB	
Sample type	Sample	
Determination start	2025-07-01 12:19:00 UTC-4	
Method	IC1-062325	
Operator		

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.33	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions