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 nam	date time	Initia	Analyst
STD1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-052225	5/22/2025 11:09	10	NF/IZ
STD2	0.430	0.640	0.649	2.129	0.543	1.098	3.287	IC1-052225	5/22/2025 11:30	10	NF/IZ
STD3	0.795	1.207	1.205	4.018	1.004	1.867	6.069	IC1-052225	5/22/2025 11:52	10	NF/IZ
STD4	0.977	1.480	1.479	4.929	1.229	2.477	7.415	IC1-052225	5/22/2025 12:13	10	NF/IZ
STD5	1.991	2.968	2.960	9.916	2.467	5.110	14.621	IC1-052225	5/22/2025 12:35	10	NF/IZ
STD6	4.001	5.967	5.959	19.868	4.966	9.870	29.848	IC1-052225	5/22/2025 12:56	10	NF/IZ
STD7	5.006	7.539	7.548	25.140	6.290	12.578	37.260	IC1-052225	5/22/2025 13:17	10	NF/IZ
ICV	2.054	3.101	3.056	10.229	2.610	5.286	15.128	IC1-052225	5/22/2025 13:39	10	NF/IZ
ICB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-052225	5/22/2025 14:22	10	NF/IZ
CCV	2.095	3.087	3.070	10.317	2.570	5.254	15.186	IC1-052225	6/11/2025 6:43	10	NF/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-052225	6/11/2025 7:04	10	NF/IZ
LB136120E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-052225	6/11/2025 7:26	10	NF/IZ
LB136120E	2.083	3.074	3.070	10.277	2.554	5.256	15.151	IC1-052225	6/11/2025 7:47	10	NF/IZ
Q2289-01	0.110	163.957	0.084	0.000	0.549	0.000	12.748	IC1-052225	6/11/2025 8:43	10	NF/IZ
Q2289-02	0.080	29.727	0.000	0.000	0.227	0.000	5.060	IC1-052225	6/11/2025 9:04	10	NF/IZ
Q2289-03	0.124	96.740	0.085	0.000	0.268	0.000	11.942	IC1-052225	6/11/2025 9:26	10	NF/IZ
Q2290-01	0.085	108.747	0.000	0.000	0.868	0.000	7.754	IC1-052225	6/11/2025 9:47	10	NF/IZ
Q2292-01	0.117	7.174	0.089	0.630	0.296	0.000	2.249	IC1-052225	6/11/2025 10:09	10	NF/IZ
Q2292-02	0.074	780.954	0.000	0.000	0.157	0.000	26.270	IC1-052225	6/11/2025 10:30	10	NF/IZ
Q2293-01	0.772	3.206	0.088	0.000	0.317	0.140	4.925	IC1-052225	6/11/2025 10:52	10	NF/IZ
Q2290-02	0.081	247.979	0.000	0.210	0.000	0.000	11.206	IC1-052225	6/11/2025 11:14	10	NF/IZ
CCV	2.087	3.088	3.078	10.278	2.558	5.311	15.182	IC1-052225	6/11/2025 11:35	10	NF/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-052225	6/11/2025 11:57	10	NF/IZ
Q2291-01	0.408	28.365	0.092	0.000	0.650	0.000	4.247	IC1-052225	6/11/2025 12:18	10	NF/IZ
Q2291-01M	2.476	30.660	3.069	10.252	3.155	5.343	18.897	IC1-052225	6/11/2025 12:40	10	NF/IZ
Q2291-01M	2.527	30.746	3.156	10.527	3.218	5.469	19.377	IC1-052225	6/11/2025 13:01	10	NF/IZ
Q2286-03	0.213	242.712	0.000	0.253	0.000	0.374	194.478	IC1-052225	6/11/2025 13:23	10	NF/IZ
CCV	2.068	3.087	3.083	10.335	2.563	5.454	15.270	IC1-052225	6/11/2025 13:44	10	NF/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-052225	6/11/2025 14:06	10	NF/IZ

Reviewed By:Sohil
On:6/13/2025 10:38:06 AM
Inst Id :IC-1
LB :LB136120

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	IC1-052225	5/22/2025 11:09	10	NF/IZ
STD2	0.4300	0.6400	0.6490	2.1290	0.5430	1.0980	3.2870	IC1-052225	5/22/2025 11:30	10	NF/IZ
STD3	0.7950	1.2070	1.2050	4.0180	1.0040	1.8670	6.0690	IC1-052225	5/22/2025 11:52	10	NF/IZ
STD4	0.9770	1.4800	1.4790	4.9290	1.2290	2.4770	7.4150	IC1-052225	5/22/2025 12:13	10	NF/IZ
STD5	1.9910	2.9680	2.9600	9.9160	2.4670	5.1100	14.6210	IC1-052225	5/22/2025 12:35	10	NF/IZ
STD6	4.0010	5.9670	5.9590	19.8680	4.9660	9.8700	29.8480	IC1-052225	5/22/2025 12:56	10	NF/IZ
STD7	5.0060	7.5390	7.5480	25.1400	6.2900	12.5780	37.2600	IC1-052225	5/22/2025 13:17	10	NF/IZ

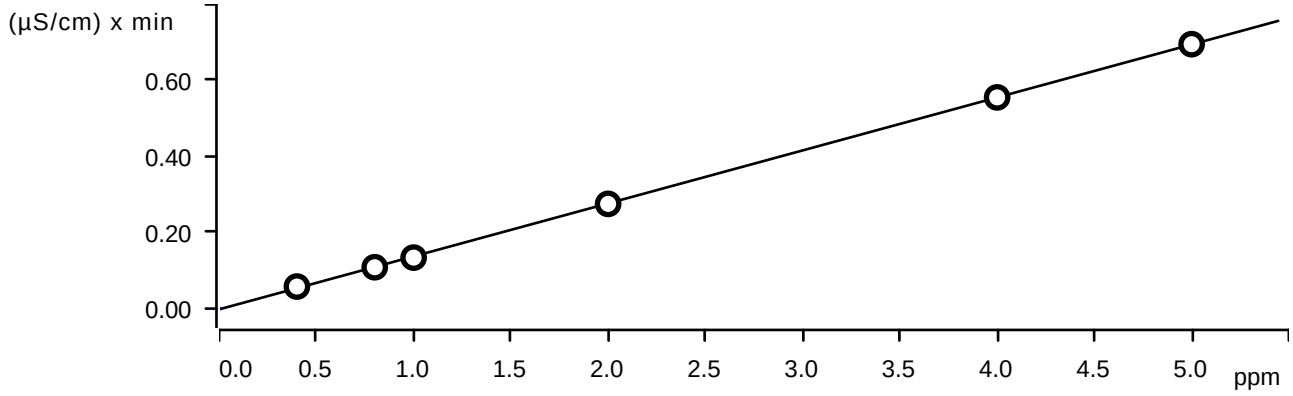
ident	True Value F-	True Value CL-	True Value NO2	True Value BR-	True Value NO3	True Value HPO4	True Value SO4
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
STD2	0.4000	0.6000	0.6000	2.0000	0.5000	1.0000	3.0000
STD3	0.8000	1.2000	1.2000	4.0000	1.0000	2.0000	6.0000
STD4	1.0000	1.5000	1.5000	5.0000	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	7.5000	6.6667	8.1667	6.4500	8.6000	9.8000	9.5667
STD3	-0.6250	0.5833	0.4167	0.4500	0.4000	-6.6500	1.1500
STD4	-2.3000	-1.3333	-1.4000	-1.4200	-1.6800	-0.9200	-1.1333
STD5	-0.4500	-1.0667	-1.3333	-0.8400	-1.3200	2.2000	-2.5267
STD6	0.0250	-0.5500	-0.6833	-0.6600	-0.6800	-1.3000	-0.5067
STD7	0.1200	0.5200	0.6400	0.5600	0.6400	0.6240	0.7027

Reviewed By:Sohil
On:6/13/2025 10:38:06 AM
Inst Id :IC-1
LB :LB136120

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Fluoride (Anions)



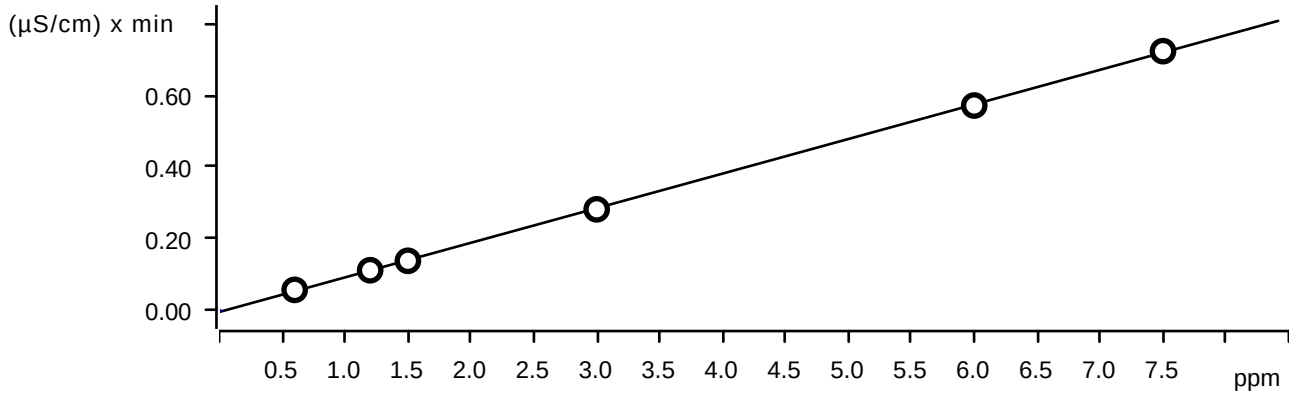
Function: . . . . . *A = - 2.82659E-3 + 0.0139492× Q*

Relative standard deviation . . . . . *0.920519 %*

Correlation coefficient *0.999955*

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	2025-05-22 11:09:38 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.057	STD2	2025-05-22 11:30:53 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.108	STD3	2025-05-22 11:52:16 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.133	STD4	2025-05-22 12:13:41 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.275	STD5	2025-05-22 12:35:06 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.555	STD6	2025-05-22 12:56:31 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.695	STD7	2025-05-22 13:17:57 UTC-4	used

Chloride (Anions)



Function: . . . . . *A = - 4.33057E-3 + 9.64673E-3× Q*

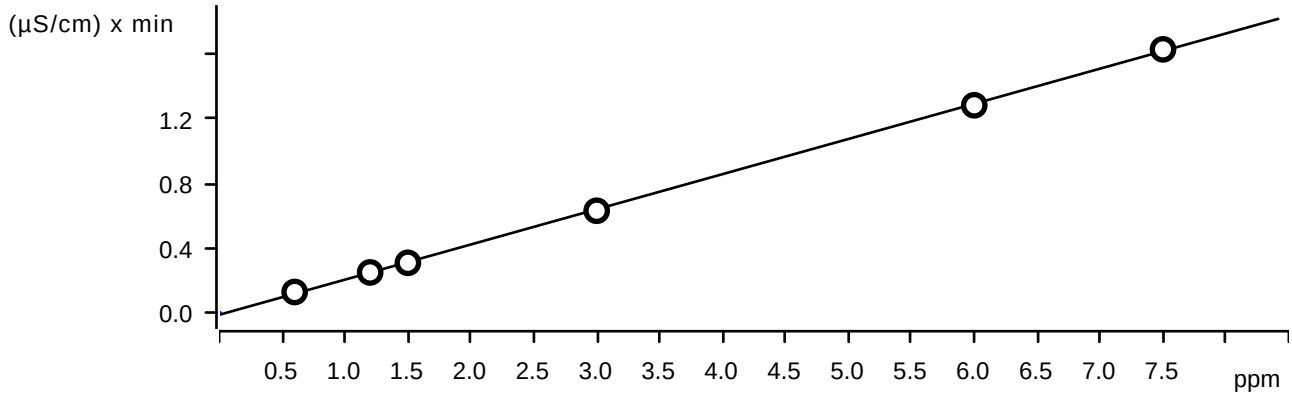
Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Relative standard deviation . . . . . *1.154335 %*

Correlation coefficient *0.999929*

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	2025-05-22 11:09:38 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.057	STD2	2025-05-22 11:30:53 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.112	STD3	2025-05-22 11:52:16 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.138	STD4	2025-05-22 12:13:41 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.282	STD5	2025-05-22 12:35:06 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.571	STD6	2025-05-22 12:56:31 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.723	STD7	2025-05-22 13:17:57 UTC-4	used

Nitrite (Anions)



Function: . . . . . *A = - 0.0150155 + 0.0217890× Q*

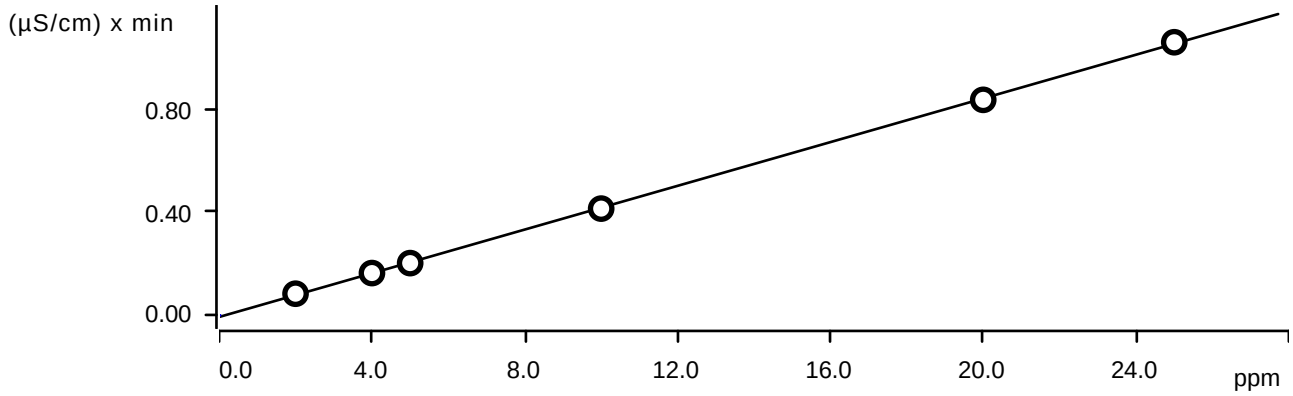
Relative standard deviation . . . . . *1.428639 %*

Correlation coefficient *0.999893*

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	2025-05-22 11:09:38 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.126	STD2	2025-05-22 11:30:53 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.248	STD3	2025-05-22 11:52:16 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.307	STD4	2025-05-22 12:13:41 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.630	STD5	2025-05-22 12:35:06 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.283	STD6	2025-05-22 12:56:31 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.630	STD7	2025-05-22 13:17:57 UTC-4	used

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Bromide (Anions)



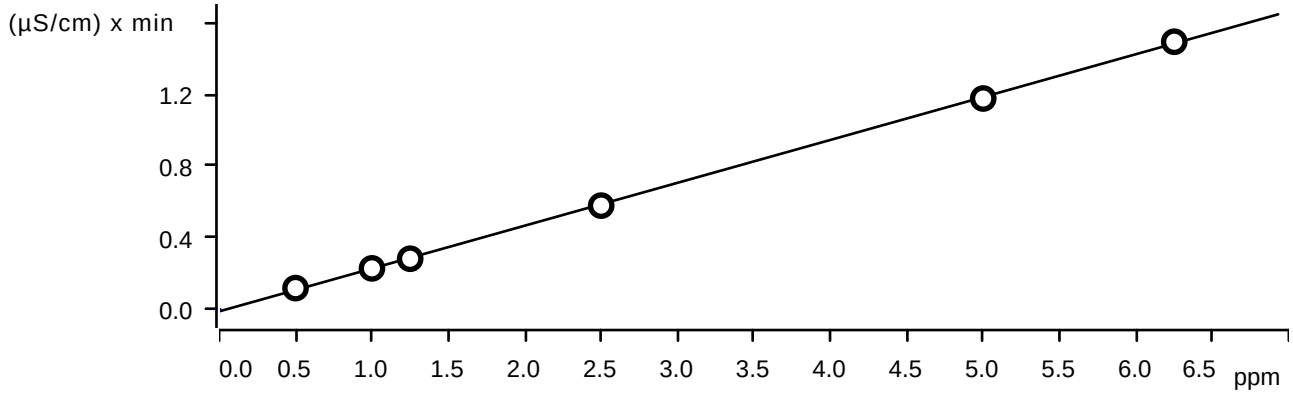
Function: . . . . . *A = - 6.27114E-3 + 4.23162E-3× Q*

Relative standard deviation . . . . . *1.185575 %*

Correlation coefficient *0.999925*

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	2025-05-22 11:09:38 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.084	STD2	2025-05-22 11:30:53 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.164	STD3	2025-05-22 11:52:16 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.202	STD4	2025-05-22 12:13:41 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.413	STD5	2025-05-22 12:35:06 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.834	STD6	2025-05-22 12:56:31 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.058	STD7	2025-05-22 13:17:57 UTC-4	used

Nitrate (Anions)



Function: . . . . . *A = - 0.0109593 + 0.0239055× Q*

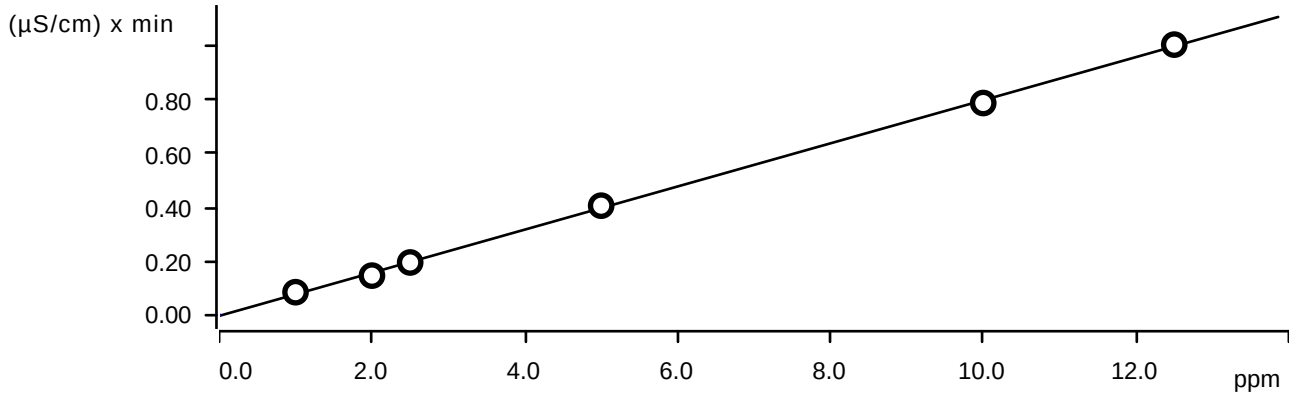
Relative standard deviation . . . . . *1.451672 %*

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Correlation coefficient *0.999889*

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	2025-05-22 11:09:38 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.119	STD2	2025-05-22 11:30:53 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.229	STD3	2025-05-22 11:52:16 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.283	STD4	2025-05-22 12:13:41 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.579	STD5	2025-05-22 12:35:06 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.176	STD6	2025-05-22 12:56:31 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.493	STD7	2025-05-22 13:17:57 UTC-4	used

Phosphate (Anions)



Function: . . . . . *A = - 3.02035E-3 + 8.01761E-3× Q*

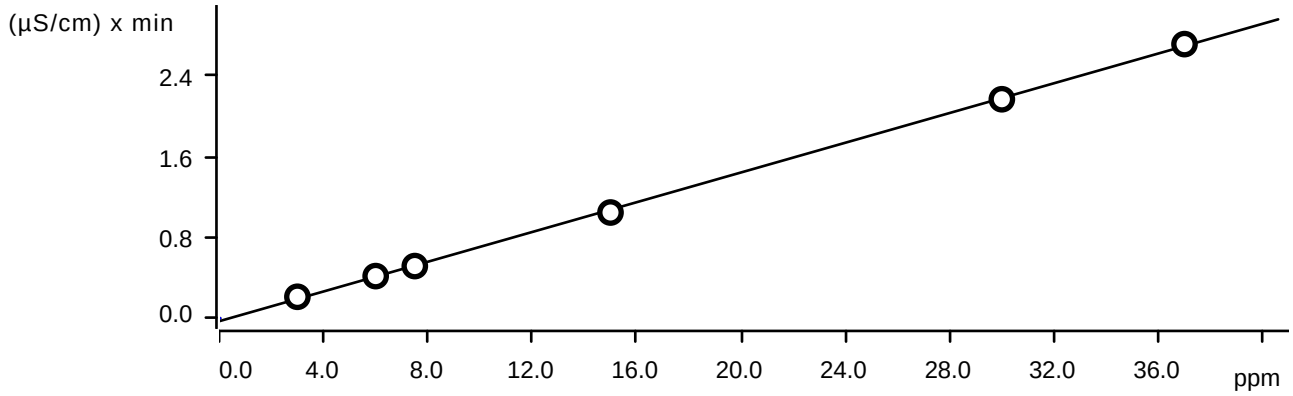
Relative standard deviation . . . . . *2.297726 %*

Correlation coefficient *0.999716*

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	2025-05-22 11:09:38 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.085	STD2	2025-05-22 11:30:53 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.147	STD3	2025-05-22 11:52:16 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.196	STD4	2025-05-22 12:13:41 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.407	STD5	2025-05-22 12:35:06 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.788	STD6	2025-05-22 12:56:31 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.005	STD7	2025-05-22 13:17:57 UTC-4	used

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Sulfate (Anions)



Function: . . . . . *A = - 0.0303663 + 7.37295E-3× Q*

Relative standard deviation . . . . . *1.792871 %*

Correlation coefficient *0.999832*

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	2025-05-22 11:09:38 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.212	STD2	2025-05-22 11:30:53 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.417	STD3	2025-05-22 11:52:16 UTC-4	used
Standard 4	1	7.500	10.0	1.0	1.0	0.516	STD4	2025-05-22 12:13:41 UTC-4	used
Standard 5	1	15.000	10.0	1.0	1.0	1.048	STD5	2025-05-22 12:35:06 UTC-4	used
Standard 6	1	30.000	10.0	1.0	1.0	2.170	STD6	2025-05-22 12:56:31 UTC-4	used
Standard 7	1	37.000	10.0	1.0	1.0	2.717	STD7	2025-05-22 13:17:57 UTC-4	used

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

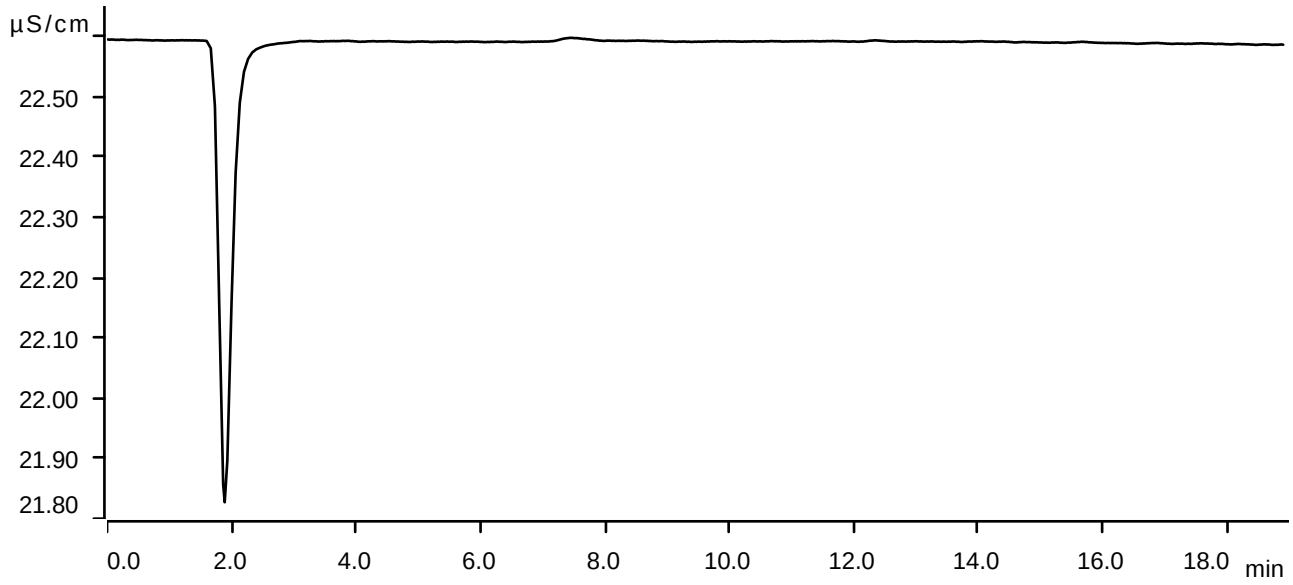
Sample data

Ident	STD1
Sample type	Standard 1
Determination start	2025-05-22 11:09:38 UTC-4
Method	IC1-052225
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



Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

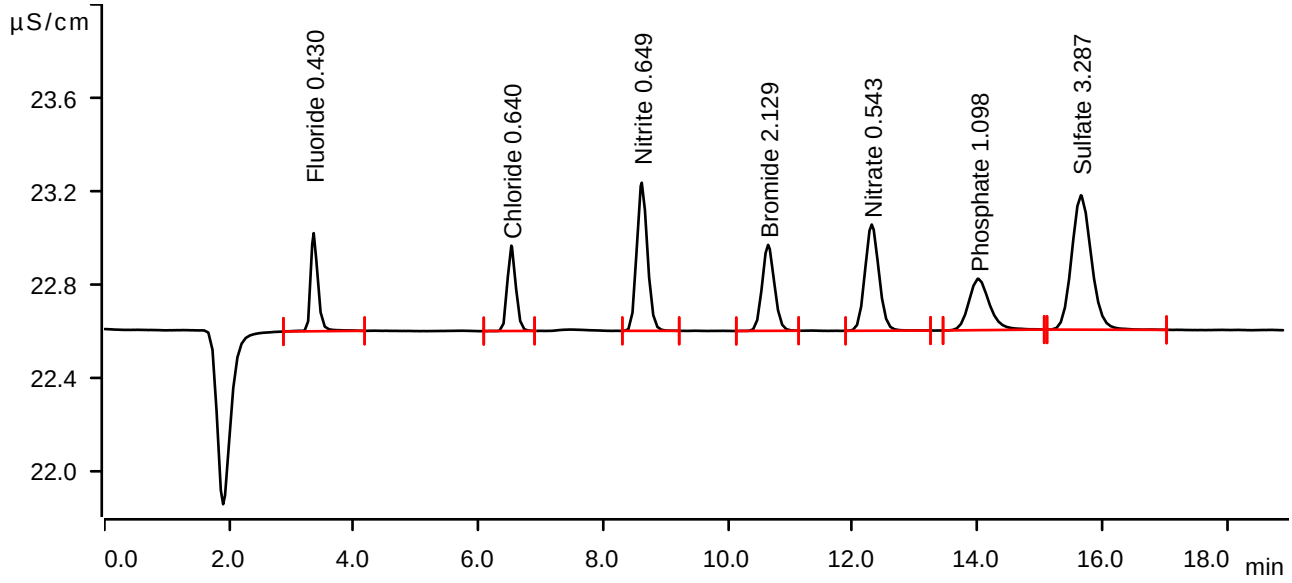
Sample data

Ident	STD2
Sample type	Standard 2
Determination start	2025-05-22 11:30:53 UTC-4
Method	IC1-052225
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	3.357	0.0572	0.421	0.430	Fluoride
2	6.525	0.0574	0.366	0.640	Chloride
3	8.617	0.1264	0.636	0.649	Nitrite
4	10.642	0.0838	0.369	2.129	Bromide
5	12.303	0.1190	0.456	0.543	Nitrate
6	14.013	0.0850	0.221	1.098	Phosphate
7	15.657	0.2120	0.577	3.287	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

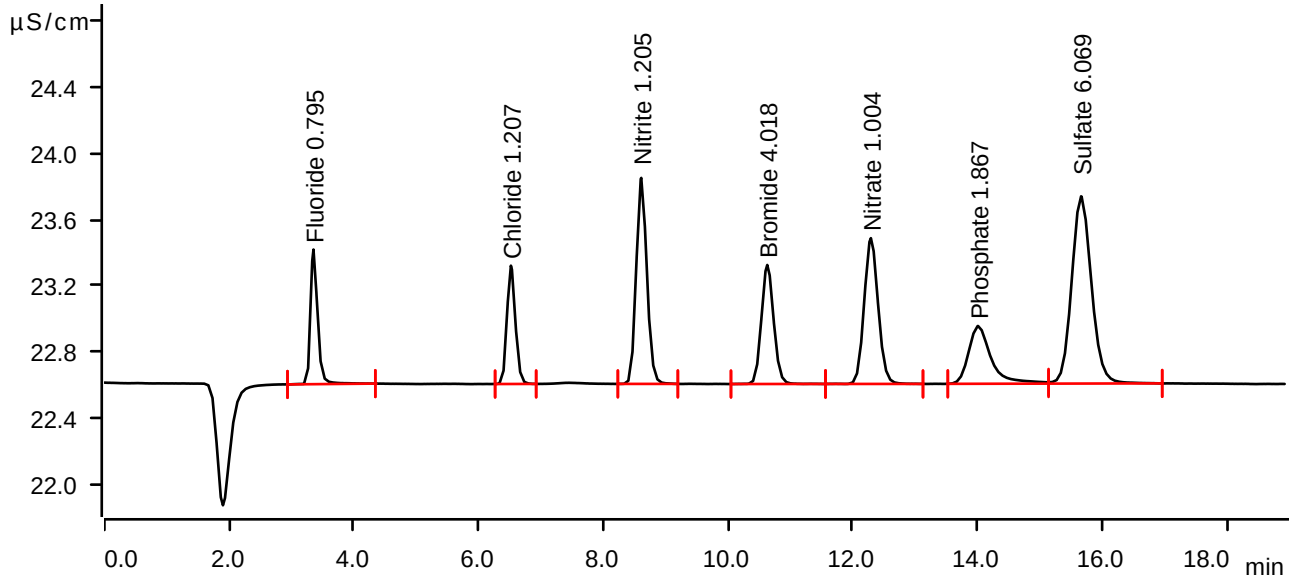
Sample data

Ident	STD3
Sample type	Standard 3
Determination start	2025-05-22 11:52:16 UTC-4
Method	IC1-052225
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	3.353	0.1081	0.814	0.795	Fluoride
2	6.518	0.1121	0.716	1.207	Chloride
3	8.608	0.2475	1.247	1.205	Nitrite
4	10.628	0.1637	0.720	4.018	Bromide
5	12.290	0.2290	0.882	1.004	Nitrate
6	14.008	0.1467	0.350	1.867	Phosphate
7	15.660	0.4171	1.133	6.069	Sulfate

Metrohm

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

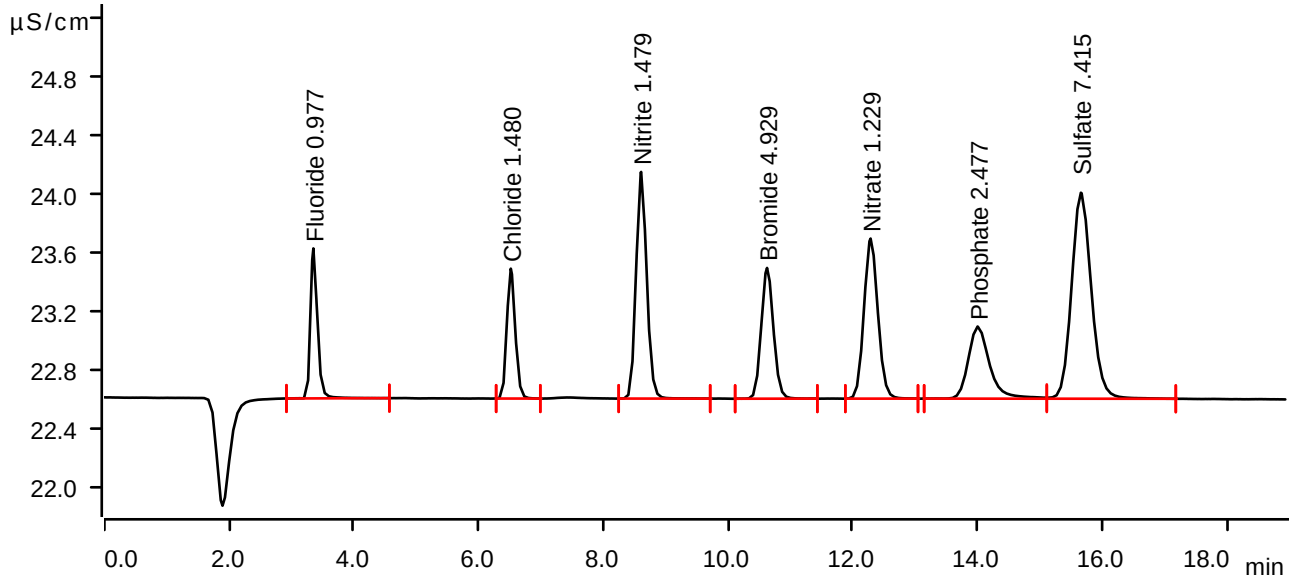
Sample data

Ident	STD4
Sample type	Standard 4
Determination start	2025-05-22 12:13:41 UTC-4
Method	IC1-052225
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	3.352	0.1334	1.024	0.977	Fluoride
2	6.517	0.1384	0.888	1.480	Chloride
3	8.607	0.3073	1.549	1.479	Nitrite
4	10.625	0.2023	0.894	4.929	Bromide
5	12.285	0.2828	1.094	1.229	Nitrate
6	14.003	0.1955	0.493	2.477	Phosphate
7	15.657	0.5164	1.408	7.415	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

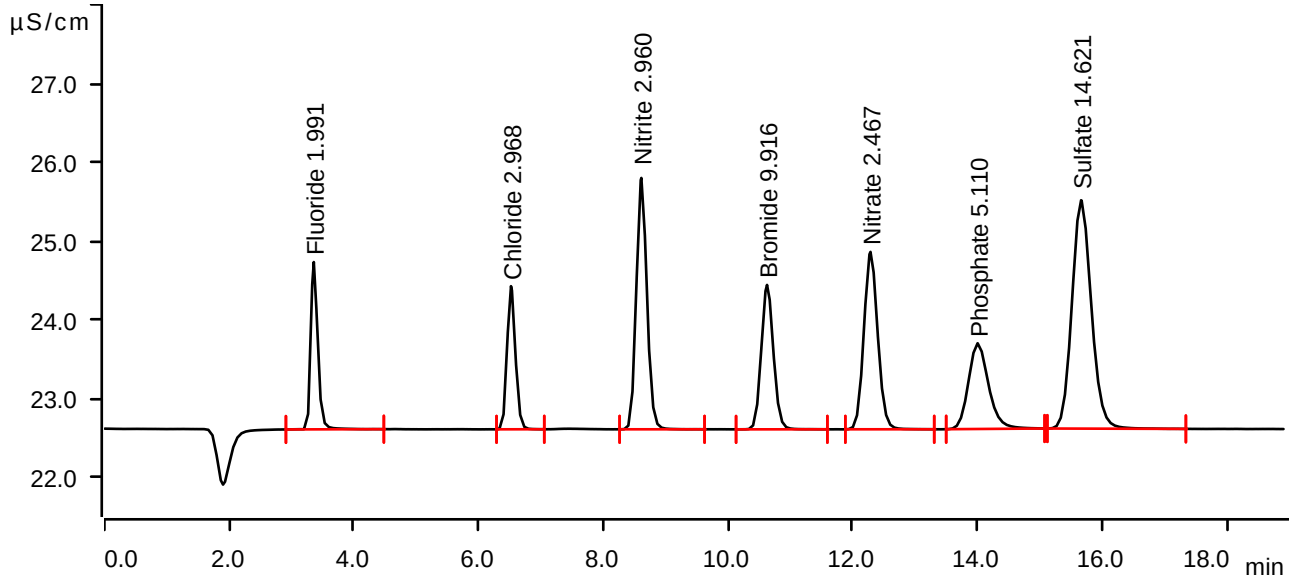
Sample data

Ident	STD5	
Sample type	Standard 5	
Determination start	2025-05-22 12:35:06 UTC-4	
Method	IC1-052225	
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 (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.358	0.2749	2.123	1.991	Fluoride
2	6.520	0.2820	1.816	2.968	Chloride
3	8.610	0.6298	3.190	2.960	Nitrite
4	10.625	0.4133	1.833	9.916	Bromide
5	12.283	0.5789	2.251	2.467	Nitrate
6	14.002	0.4067	1.087	5.110	Phosphate
7	15.660	1.0476	2.898	14.621	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

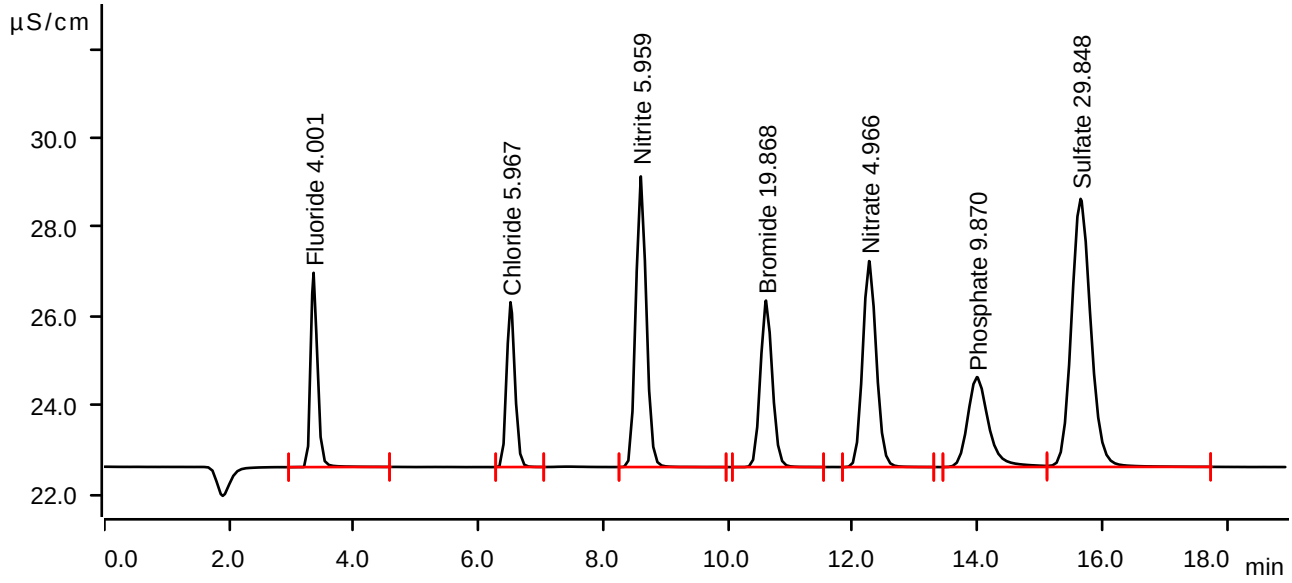
Sample data

Ident	STD6
Sample type	Standard 6
Determination start	2025-05-22 12:56:31 UTC-4
Method	IC1-052225
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 (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.355	0.5553	4.361	4.001	Fluoride
2	6.512	0.5713	3.701	5.967	Chloride
3	8.602	1.2834	6.525	5.959	Nitrite
4	10.608	0.8345	3.739	19.868	Bromide
5	12.262	1.1762	4.624	4.966	Nitrate
6	13.990	0.7883	2.019	9.870	Phosphate
7	15.652	2.1703	6.019	29.848	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

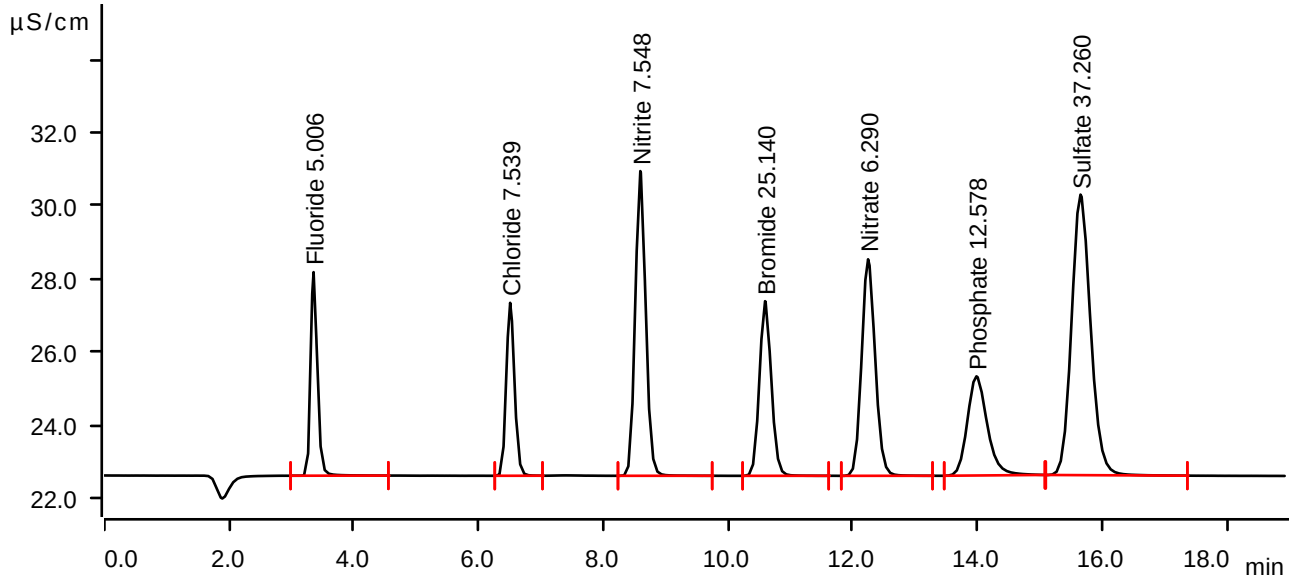
Sample data

Ident	STD7
Sample type	Standard 7
Determination start	2025-05-22 13:17:57 UTC-4
Method	IC1-052225
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 (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.355	0.6954	5.562	5.006	Fluoride
2	6.507	0.7229	4.726	7.539	Chloride
3	8.593	1.6297	8.328	7.548	Nitrite
4	10.593	1.0576	4.774	25.140	Bromide
5	12.245	1.4927	5.918	6.290	Nitrate
6	13.982	1.0054	2.711	12.578	Phosphate
7	15.650	2.7168	7.668	37.260	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

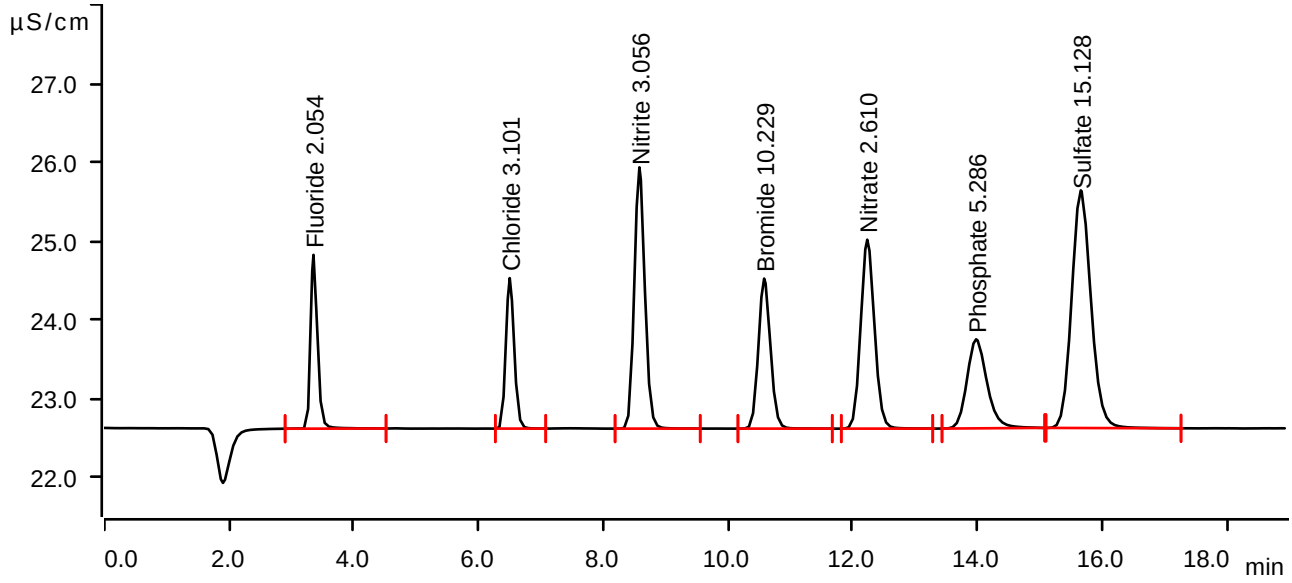
Sample data

Ident	ICV	
Sample type	Check standard 1	
Determination start	2025-05-22 13:39:25 UTC-4	
Method	IC1-052225	
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	3.353	0.2837	2.205	2.054	Fluoride
2	6.500	0.2948	1.910	3.101	Chloride
3	8.578	0.6509	3.316	3.056	Nitrite
4	10.578	0.4266	1.904	10.229	Bromide
5	12.232	0.6129	2.398	2.610	Nitrate
6	13.977	0.4208	1.130	5.286	Phosphate
7	15.655	1.0850	3.016	15.128	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

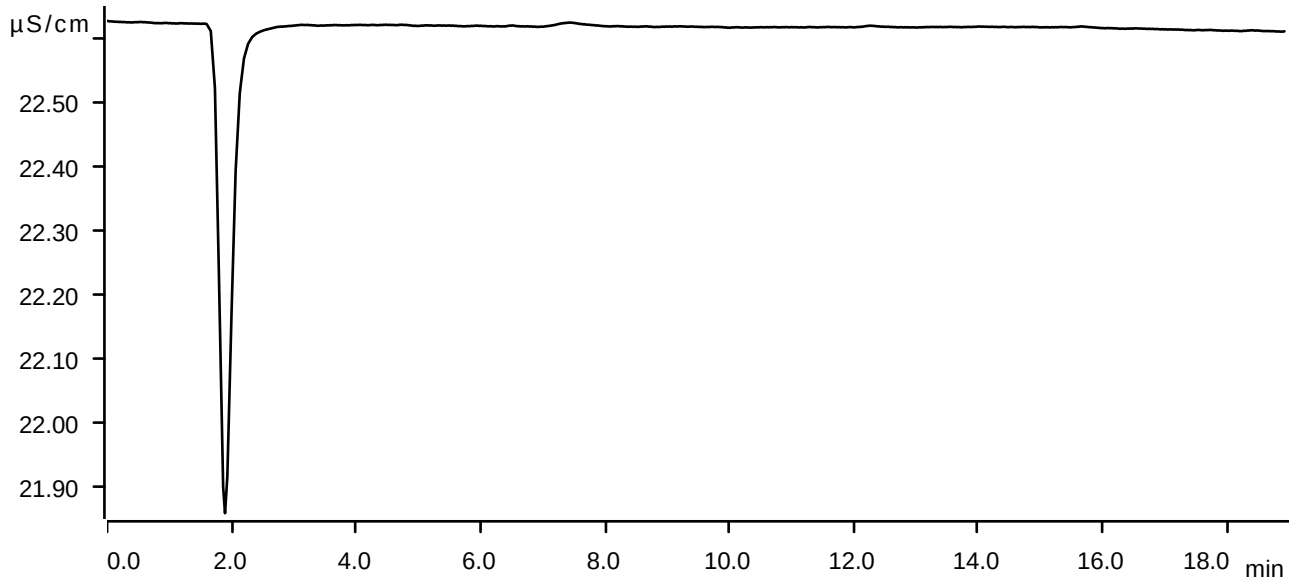
Sample data

Ident	ICB
Sample type	Sample
Determination start	2025-05-22 14:22:21 UTC-4
Method	IC1-052225
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



Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

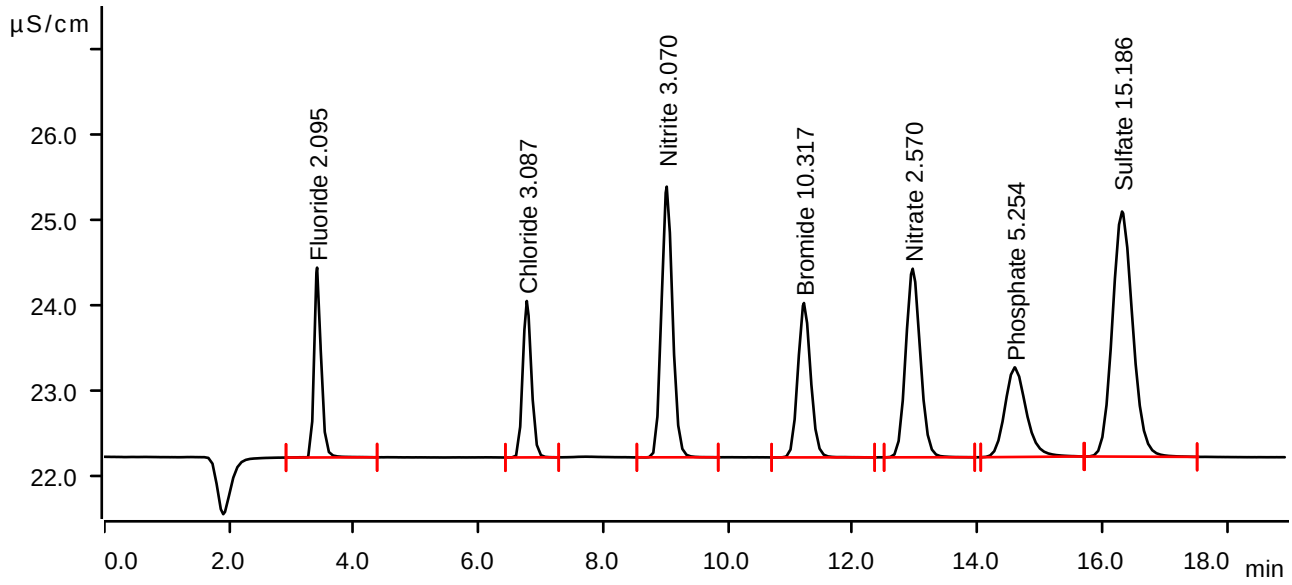
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-06-11 06:43:06 UTC-4
Method	IC1-052225
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	3.412	0.2895	2.223	2.095	Fluoride
2	6.773	0.2935	1.832	3.087	Chloride
3	9.017	0.6540	3.171	3.070	Nitrite
4	11.217	0.4303	1.808	10.317	Bromide
5	12.960	0.6035	2.209	2.570	Nitrate
6	14.595	0.4182	1.050	5.254	Phosphate
7	16.317	1.0893	2.871	15.186	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

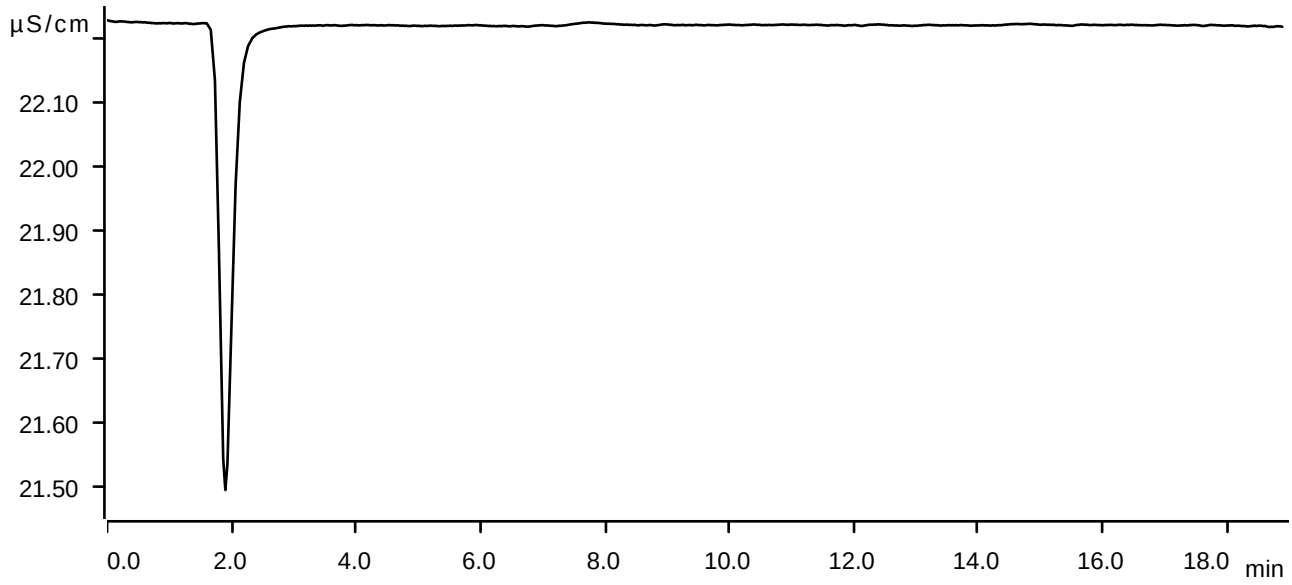
Sample data

Ident	CCB
Sample type	Sample
Determination start	2025-06-11 07:04:36 UTC-4
Method	IC1-052225
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:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

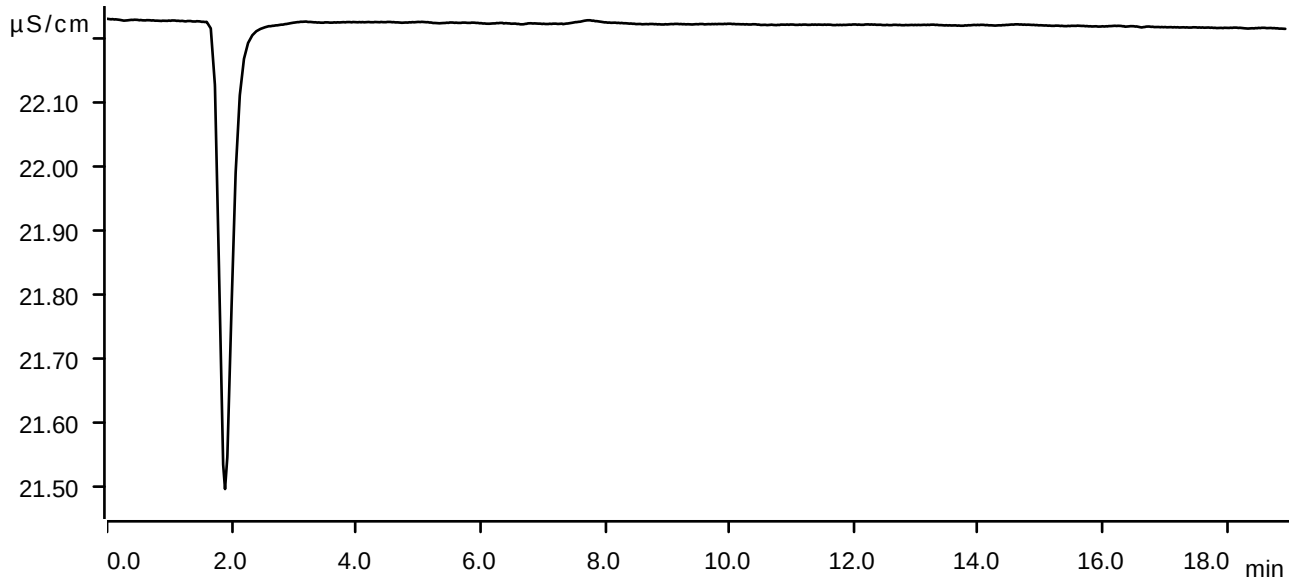
Sample data

Ident	LB136120BLW
Sample type	Sample
Determination start	2025-06-11 07:26:07 UTC-4
Method	IC1-052225
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



Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

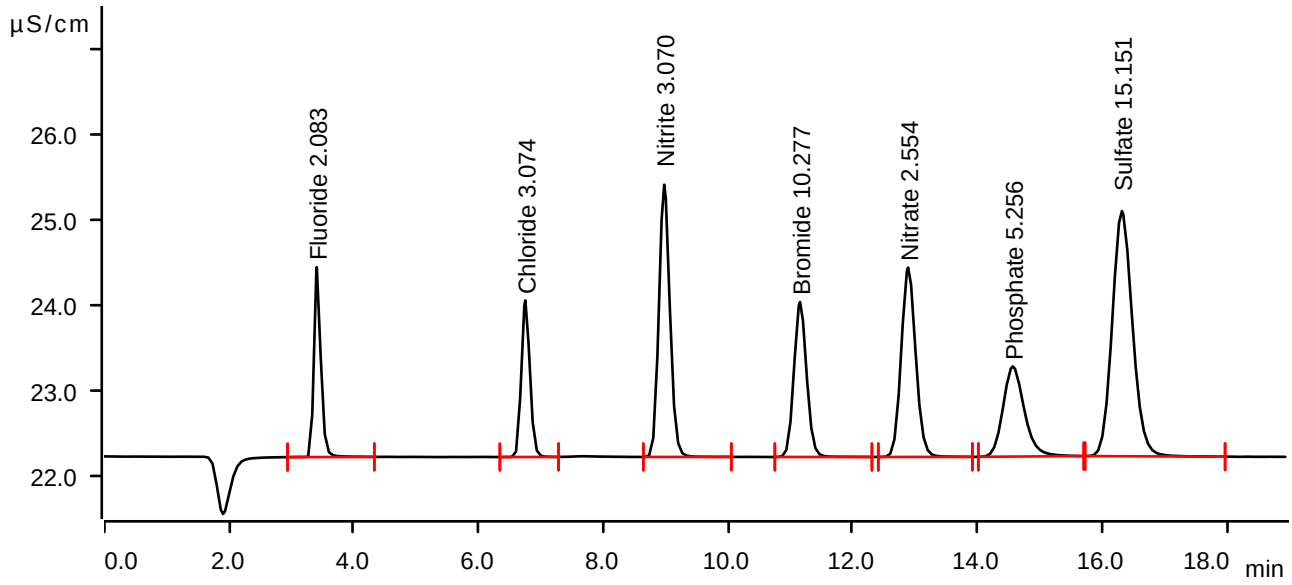
Sample data

Ident	LB136120BSW
Sample type	Check standard 1
Determination start	2025-06-11 07:47:38 UTC-4
Method	IC1-052225
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	3.407	0.2877	2.224	2.083	Fluoride
2	6.750	0.2922	1.834	3.074	Chloride
3	8.977	0.6539	3.189	3.070	Nitrite
4	11.153	0.4286	1.815	10.277	Bromide
5	12.887	0.5995	2.219	2.554	Nitrate
6	14.565	0.4184	1.056	5.256	Phosphate
7	16.313	1.0867	2.871	15.151	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

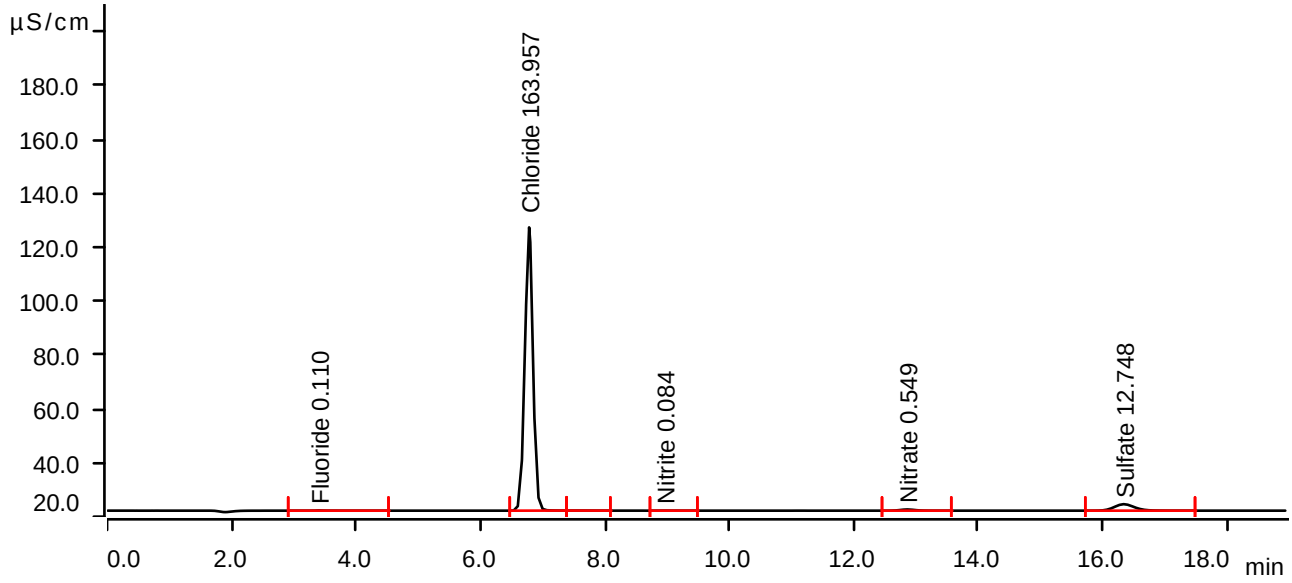
Sample data

Ident	Q2289-01
Sample type	Sample
Determination start	2025-06-11 08:43:15 UTC-4
Method	IC1-052225
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	3.403	0.0126	0.075	0.110	Fluoride
2	6.783	15.8122	105.065	163.957	Chloride
3	7.557	0.0045	0.012	invalid	
4	8.957	0.0033	0.015	0.084	Nitrite
5	12.860	0.1202	0.442	0.549	Nitrate
6	16.338	0.9095	2.404	12.748	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

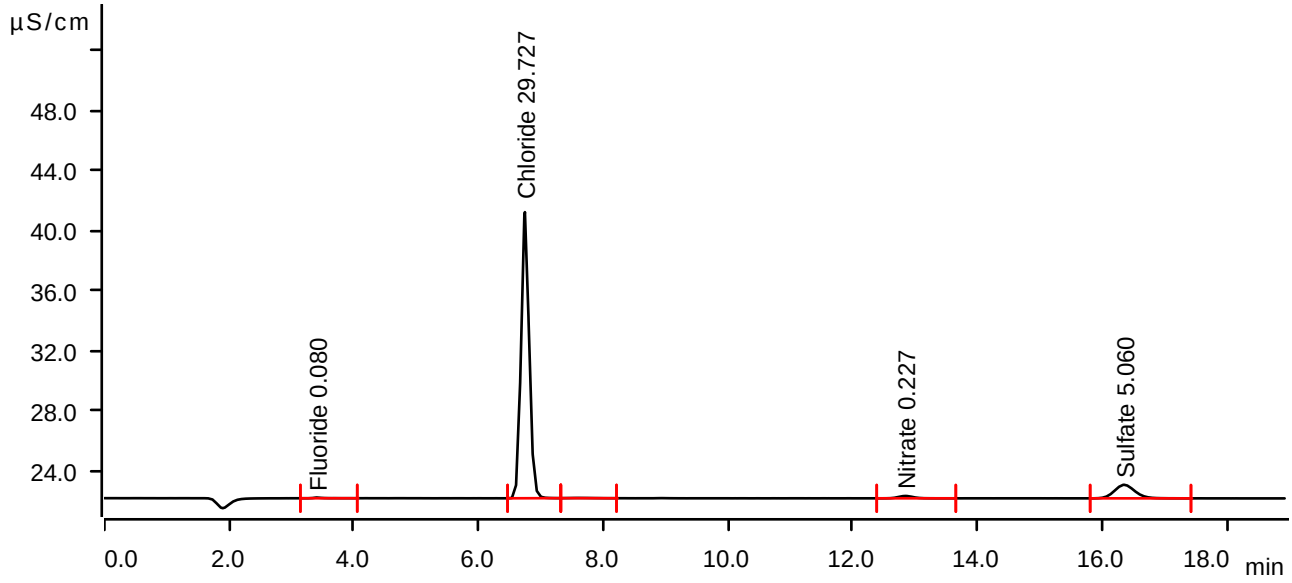
Sample data

Ident	Q2289-02
Sample type	Sample
Determination start	2025-06-11 09:04:40 UTC-4
Method	IC1-052225
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	3.405	0.0084	0.049	0.080	Fluoride
2	6.743	2.8633	18.989	29.727	Chloride
3	7.592	0.0068	0.016	invalid	
4	12.842	0.0434	0.157	0.227	Nitrate
5	16.350	0.3427	0.900	5.060	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

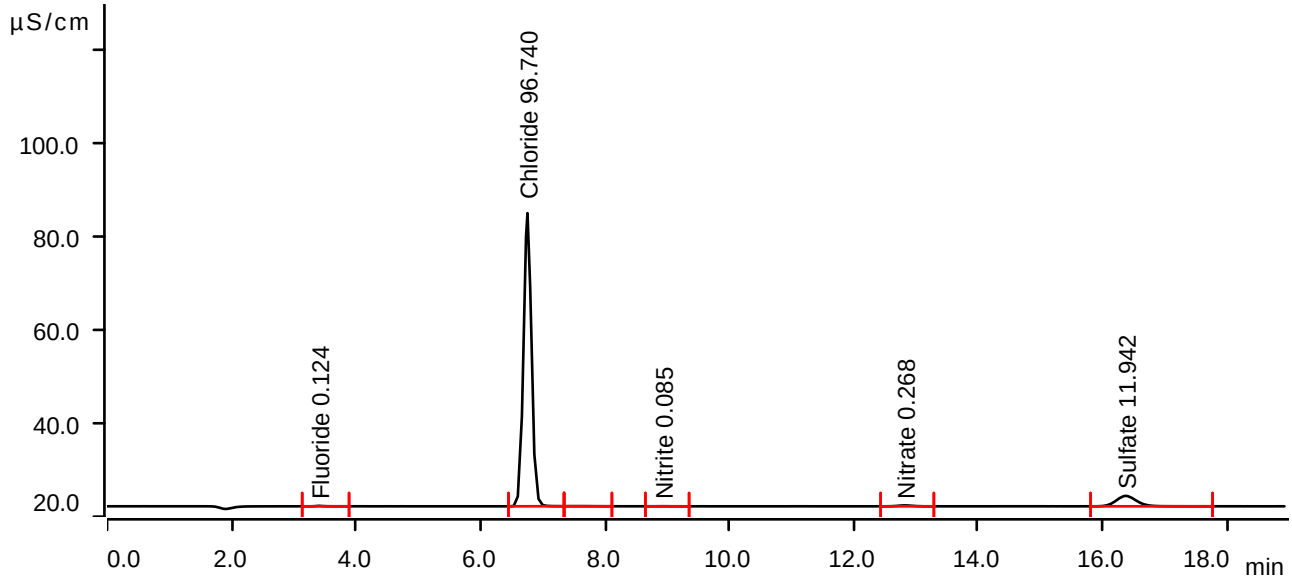
Sample data

Ident	Q2289-03
Sample type	Sample
Determination start	2025-06-11 09:26:13 UTC-4
Method	IC1-052225
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	3.407	0.0144	0.104	0.124	Fluoride
2	6.757	9.3279	62.950	96.740	Chloride
3	7.578	0.0063	0.017	invalid	
4	8.933	0.0035	0.016	0.085	Nitrite
5	12.820	0.0531	0.197	0.268	Nitrate
6	16.370	0.8501	2.241	11.942	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

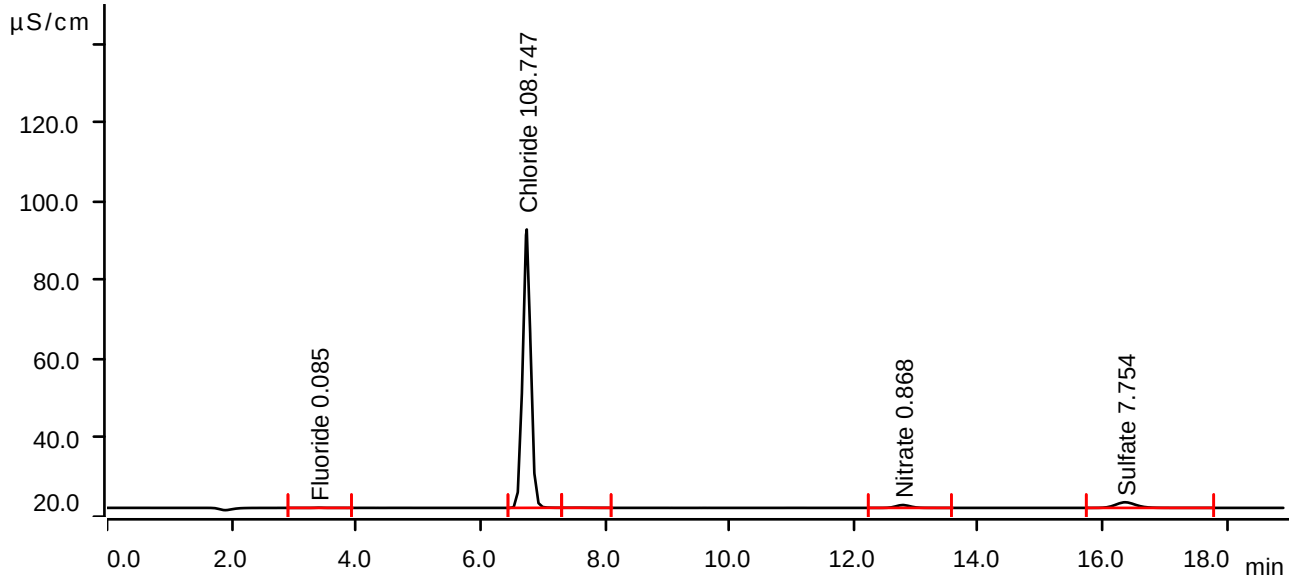
Sample data

Ident	Q2290-01
Sample type	Sample
Determination start	2025-06-11 09:47:47 UTC-4
Method	IC1-052225
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	3.402	0.0091	0.057	0.085	Fluoride
2	6.745	10.4862	70.650	108.747	Chloride
3	7.558	0.0063	0.017	invalid	
4	12.788	0.1966	0.730	0.868	Nitrate
5	16.360	0.5414	1.427	7.754	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Sample data

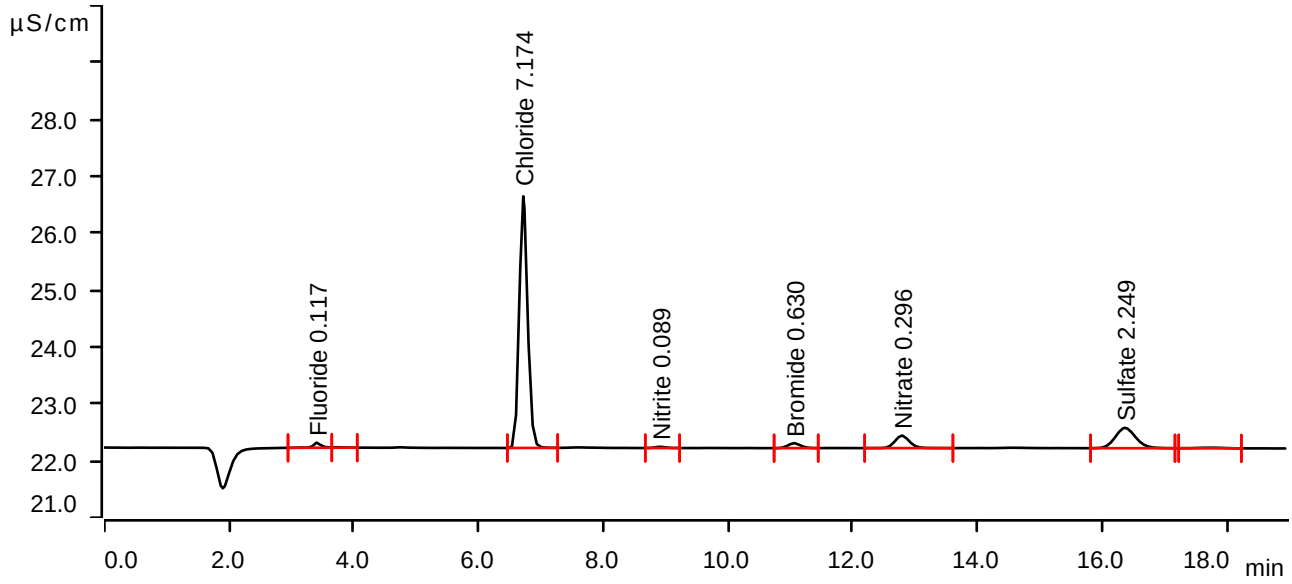
Ident	Q2292-01	
Sample type	Sample	
Determination start	2025-06-11 10:09:19 UTC-4	
Method	IC1-052225	
Operator		

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

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.405	0.0135	0.090	0.117	Fluoride
2	3.730	0.0018	0.009	invalid	
3	6.717	0.6877	4.421	7.174	Chloride
4	8.912	0.0044	0.021	0.089	Nitrite
5	11.058	0.0204	0.087	0.630	Bromide
6	12.785	0.0598	0.219	0.296	Nitrate
7	16.362	0.1355	0.357	2.249	Sulfate
8	17.750	0.0049	0.010	invalid	

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

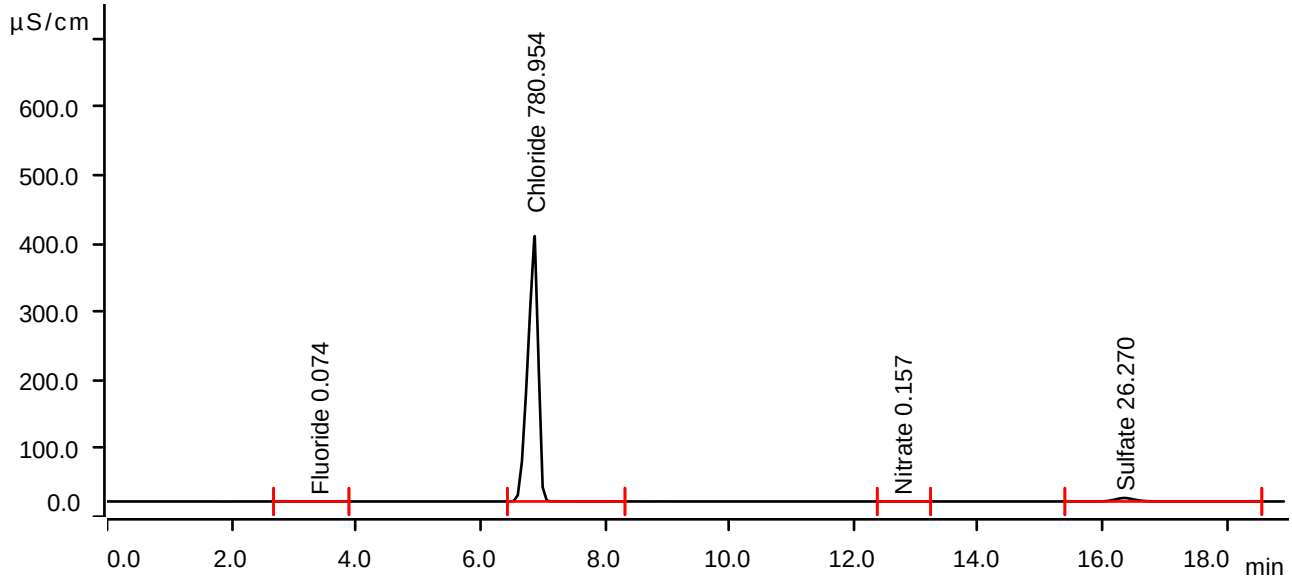
Sample data

Ident	Q2292-02
Sample type	Sample
Determination start	2025-06-11 10:30:54 UTC-4
Method	IC1-052225
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	3.398	0.0075	0.044	0.074	Fluoride
2	6.873	75.3322	388.496	780.954	Chloride
3	12.770	0.0266	0.098	0.157	Nitrate
4	16.345	1.9065	5.102	26.270	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Sample data

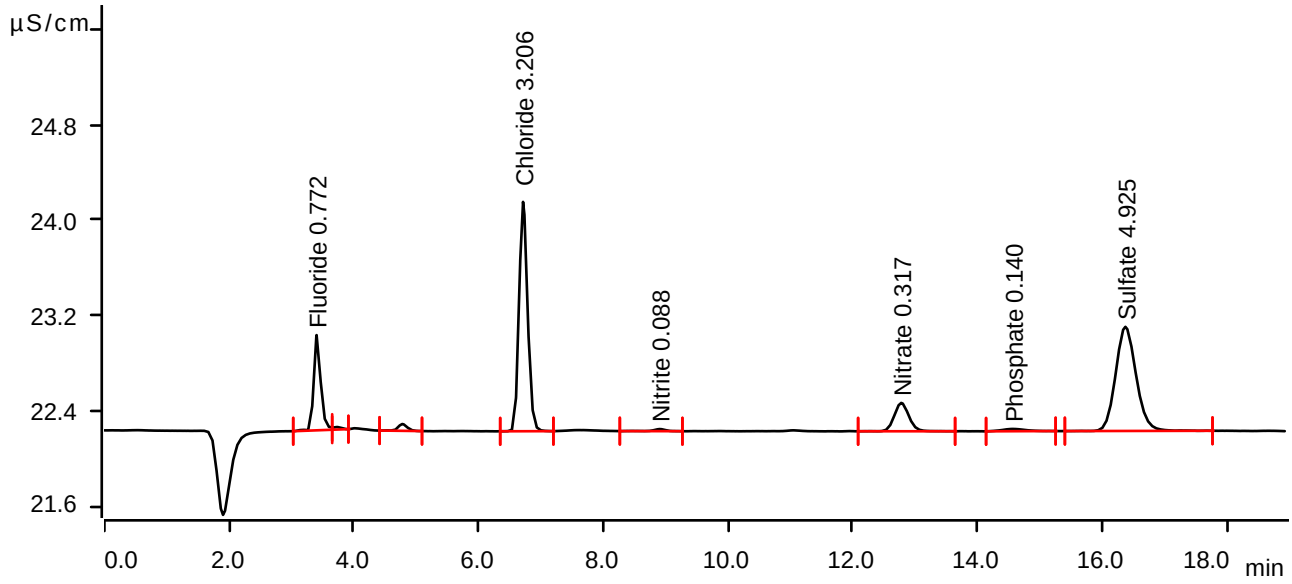
Ident	Q2293-01
Sample type	Sample
Determination start	2025-06-11 10:52:29 UTC-4
Method	IC1-052225
Operator	

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

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.403	0.1049	0.799	0.772	Fluoride
2	3.733	0.0033	0.021	invalid	
3	4.777	0.0097	0.057	invalid	
4	6.713	0.3049	1.925	3.206	Chloride
5	8.902	0.0041	0.017	0.088	Nitrite
6	12.777	0.0647	0.238	0.317	Nitrate
7	14.567	0.0082	0.019	0.140	Phosphate
8	16.370	0.3328	0.874	4.925	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

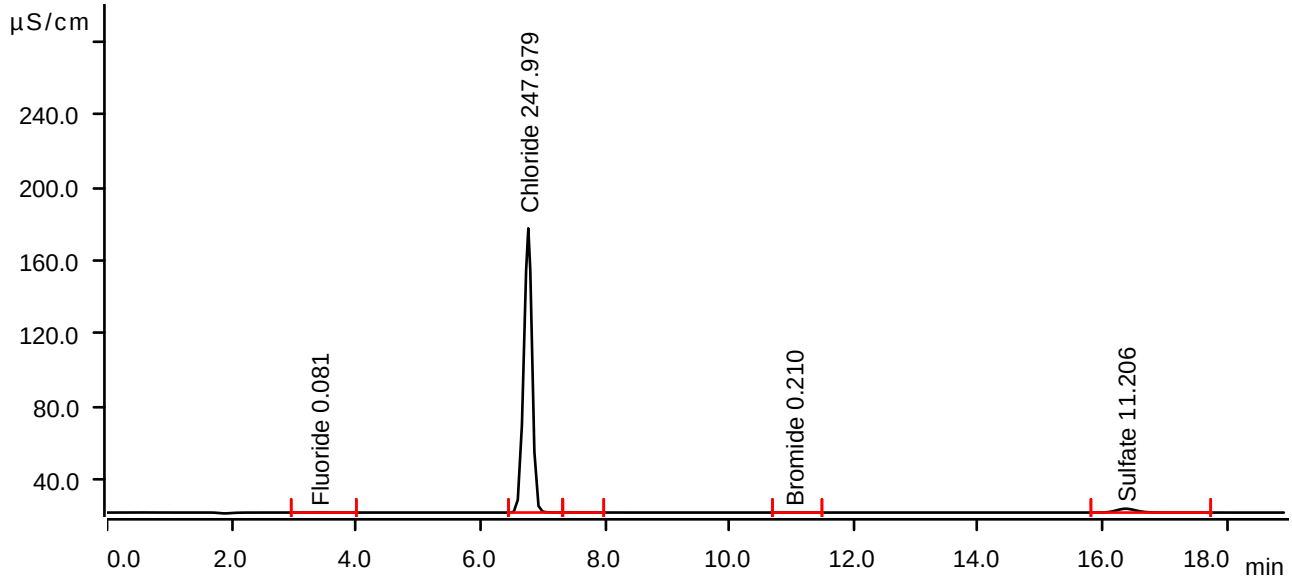
Sample data

Ident	Q2290-02
Sample type	Sample
Determination start	2025-06-11 11:14:03 UTC-4
Method	IC1-052225
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	3.402	0.0084	0.059	0.081	Fluoride
2	6.770	23.9175	155.325	247.979	Chloride
3	7.543	0.0063	0.021	invalid	
4	11.032	0.0026	0.010	0.210	Bromide
5	16.368	0.7958	2.112	11.206	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

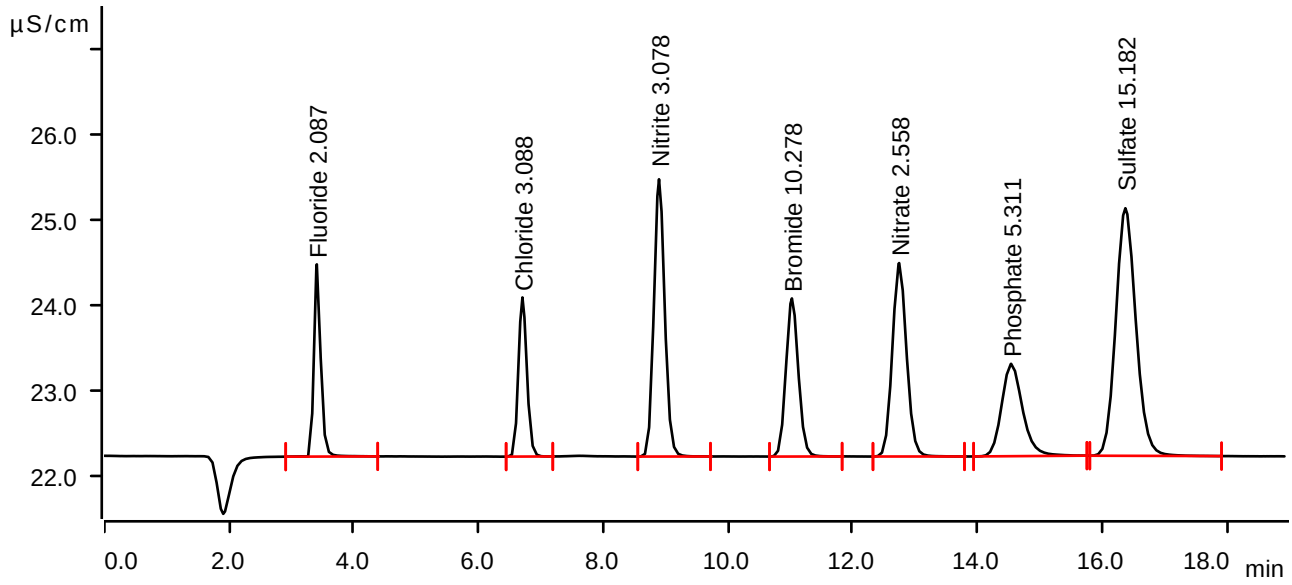
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-06-11 11:35:36 UTC-4
Method	IC1-052225
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	3.407	0.2883	2.251	2.087	Fluoride
2	6.703	0.2936	1.864	3.088	Chloride
3	8.893	0.6556	3.248	3.078	Nitrite
4	11.023	0.4286	1.852	10.278	Bromide
5	12.743	0.6007	2.266	2.558	Nitrate
6	14.538	0.4228	1.082	5.311	Phosphate
7	16.370	1.0890	2.900	15.182	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

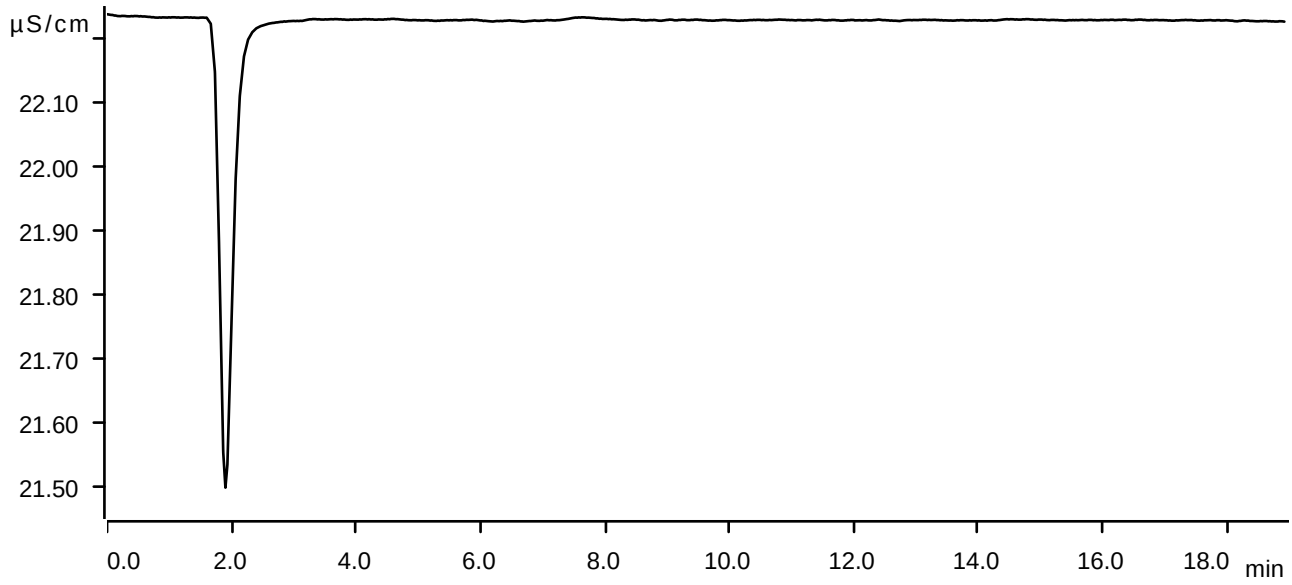
Sample data

Ident	CCB	
Sample type	Sample	
Determination start	2025-06-11 11:57:06 UTC-4	
Method	IC1-052225	
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:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

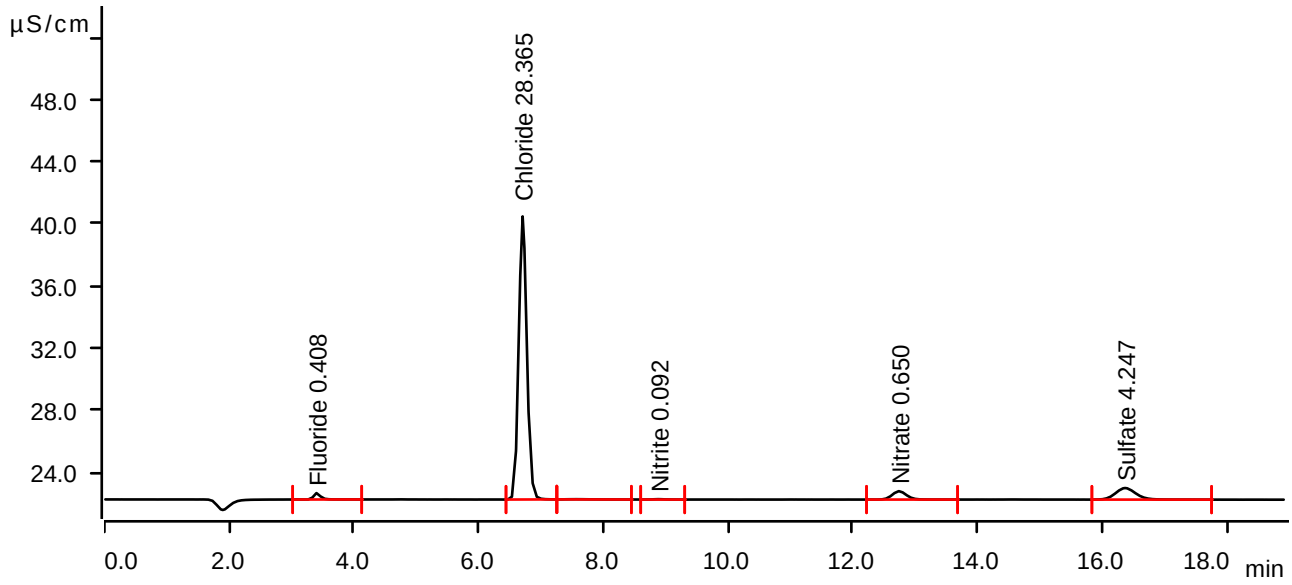
Sample data

Ident	Q2291-01
Sample type	Sample
Determination start	2025-06-11 12:18:36 UTC-4
Method	IC1-052225
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	3.400	0.0541	0.410	0.408	Fluoride
2	6.707	2.7320	18.233	28.365	Chloride
3	7.563	0.0061	0.015	invalid	
4	8.880	0.0050	0.023	0.092	Nitrite
5	12.742	0.1444	0.538	0.650	Nitrate
6	16.365	0.2828	0.744	4.247	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Sample data

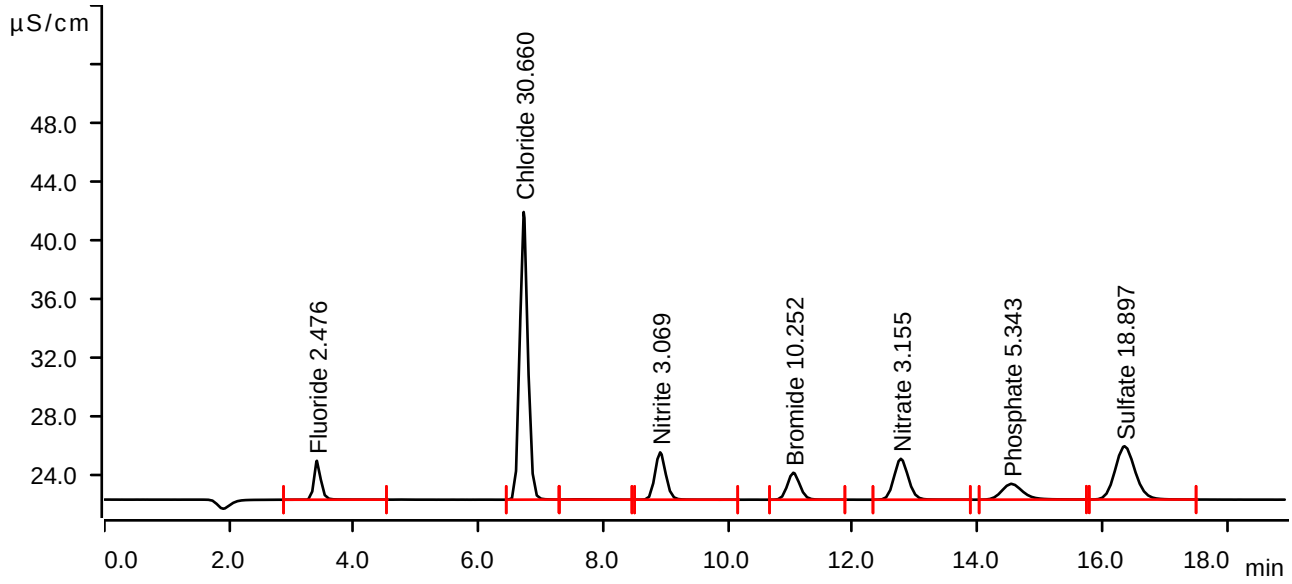
Ident	Q2291-01MS	
Sample type	Sample	
Determination start	2025-06-11 12:40:09 UTC-4	
Method	IC1-052225	
Operator		

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

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.408	0.3426	2.657	2.476	Fluoride
2	6.723	2.9534	19.652	30.660	Chloride
3	7.572	0.0068	0.015	invalid	
4	8.912	0.6536	3.232	3.069	Nitrite
5	11.047	0.4276	1.840	10.252	Bromide
6	12.770	0.7431	2.794	3.155	Nitrate
7	14.543	0.4253	1.079	5.343	Phosphate
8	16.357	1.3629	3.643	18.897	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Sample data

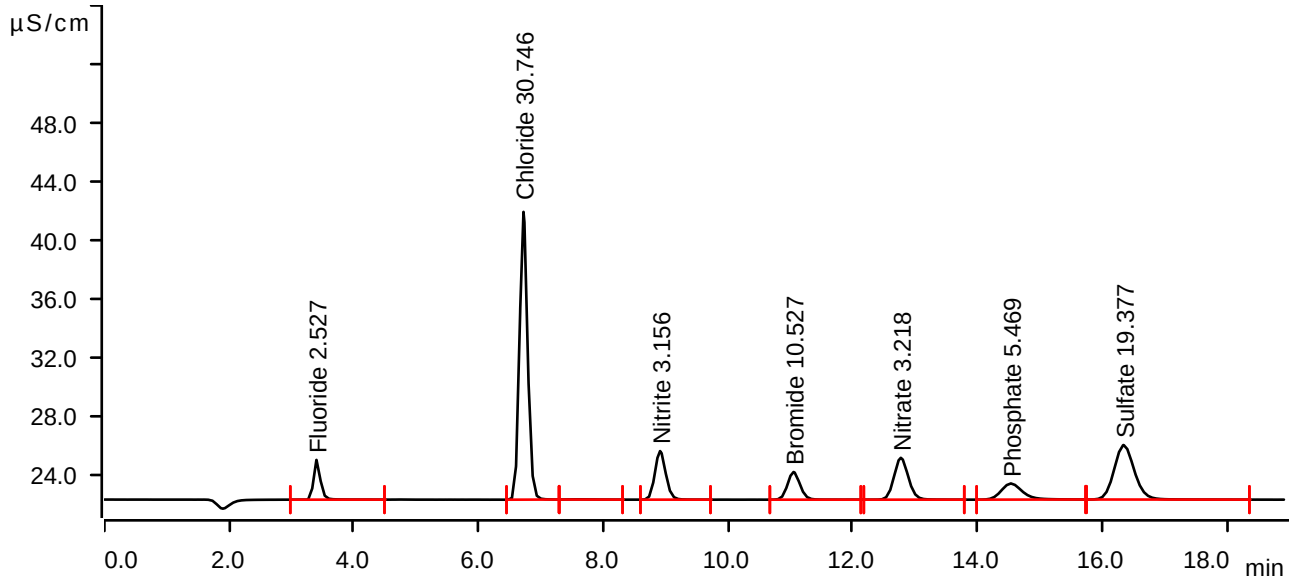
Ident	Q2291-01MSD	
Sample type	Sample	
Determination start	2025-06-11 13:01:40 UTC-4	
Method	IC1-052225	
Operator		

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

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.402	0.3497	2.714	2.527	Fluoride
2	6.720	2.9616	19.661	30.746	Chloride
3	7.575	0.0068	0.015	invalid	
4	8.910	0.6725	3.321	3.156	Nitrite
5	11.050	0.4392	1.890	10.527	Bromide
6	12.770	0.7584	2.860	3.218	Nitrate
7	14.533	0.4355	1.102	5.469	Phosphate
8	16.343	1.3983	3.724	19.377	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Sample data

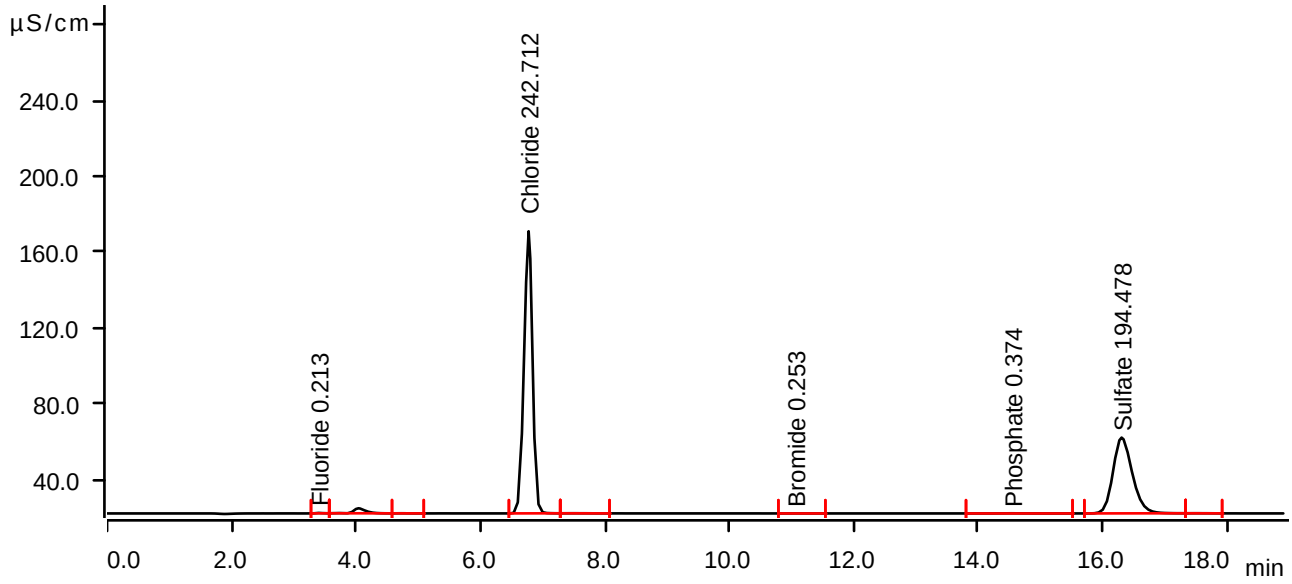
Ident	Q2286-03
Sample type	Sample
Determination start	2025-06-11 13:23:10 UTC-4
Method	IC1-052225
Operator	

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

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.403	0.0269	0.227	0.213	Fluoride
2	4.042	0.5902	2.654	invalid	
3	4.723	0.0092	0.045	invalid	
4	6.775	23.4094	148.694	242.712	Chloride
5	7.505	0.0135	0.036	invalid	
6	11.058	0.0045	0.018	0.253	Bromide
7	14.545	0.0270	0.063	0.374	Phosphate
8	16.303	14.3084	39.948	194.478	Sulfate
9	17.497	0.0076	0.019	invalid	

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

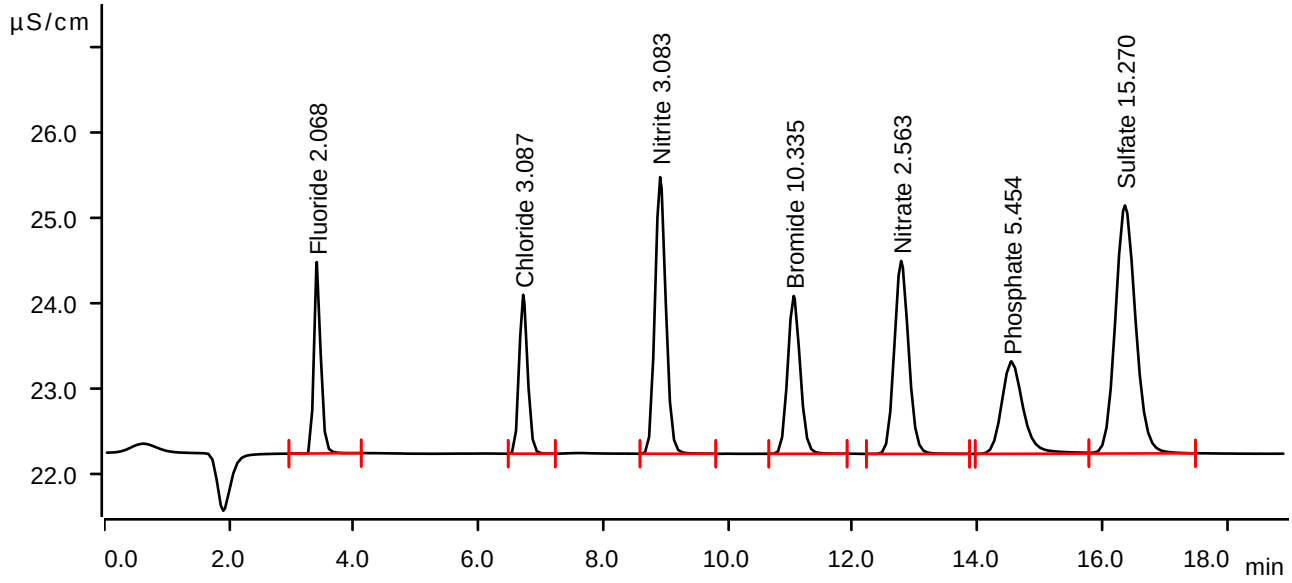
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-06-11 13:44:40 UTC-4
Method	IC1-052225
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



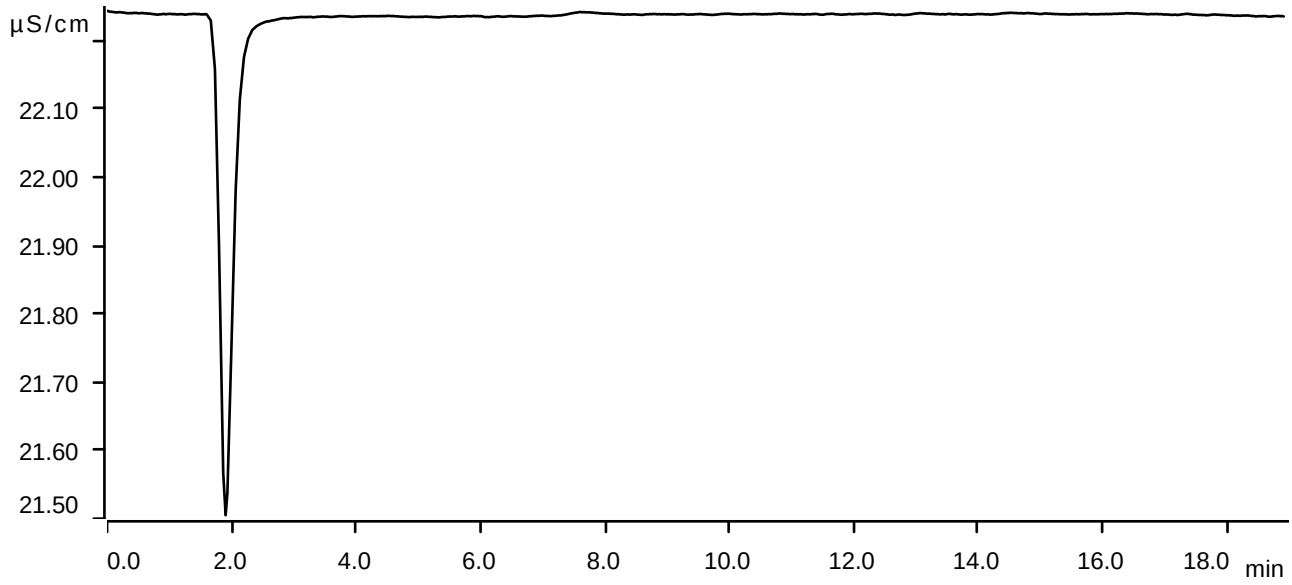
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.407	0.2857	2.241	2.068	Fluoride
2	6.715	0.2935	1.861	3.087	Chloride
3	8.912	0.6567	3.240	3.083	Nitrite
4	11.052	0.4310	1.849	10.335	Bromide
5	12.775	0.6017	2.260	2.563	Nitrate
6	14.543	0.4343	1.083	5.454	Phosphate
7	16.363	1.0955	2.905	15.270	Sulfate

Reviewed By:Sohi
On:6/13/2025 10:3
AM
Inst Id :IC-1
LB :LB136120

Sample data

Ident	CCB	
Sample type	Sample	
Determination start	2025-06-11 14:06:10 UTC-4	
Method	IC1-052225	
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