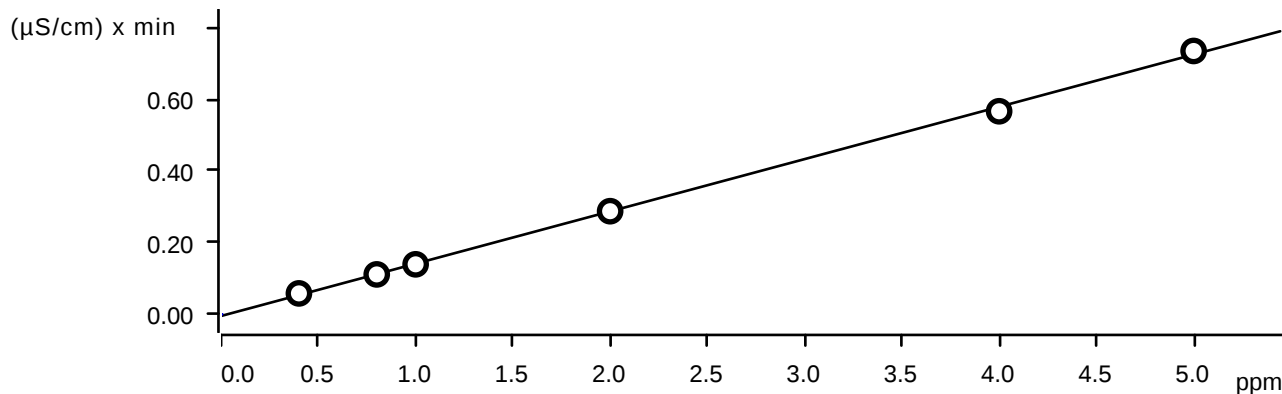


Instrument IC-1										Analyst: NF		Method: 300.0 / 9056A		Initial wt/Final ' Analyst	
Ident	Con F-	Con CL-	Con NO	Con BR-	Con NO	Con HPO4	Con SO4	Method nam	date time						
STD1	0	0	0	0	0	0	0	IC1-062325	6/23/2025 15:17			10 RM/IZ			
STD2	0.431	0.634	0.643	2.127	0.534	1.052	3.234	IC1-062325	6/23/2025 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	2.049	2.994	3.008	10.106	2.454	5.102	14.93	IC1-062325	6/26/2025 8:45			10 RM/IZ			
CCB	0	0	0	0	0	0	0	IC1-062325	6/26/2025 9:06			10 RM/IZ			
LB136282BLS	0	0	0	0	0	0	0	IC1-062325	6/26/2025 9:28	5.00g/100mL		RM/IZ			
LB136282BSS	2.048	2.988	3.011	10.132	2.45	5.112	14.936	IC1-062325	6/26/2025 9:49	5.00g/100mL		RM/IZ			
Q2425-01	0.443	0.238	0	0	0.078	0.376	0.754	IC1-062325	6/26/2025 10:27	5.02g/100mL		RM/IZ			
Q2425-01MS	2.116	3.169	2.934	9.875	2.425	3.766	14.985	IC1-062325	6/26/2025 10:49	5.05g/100mL		RM/IZ			
Q2425-01MSD	2.116	3.133	2.941	9.874	2.423	4.551	14.858	IC1-062325	6/26/2025 11:10	5.00g/100mL		RM/IZ			
Q2425-02	0.194	0.379	0	0	0.073	0.725	0.881	IC1-062325	6/26/2025 11:32	5.06g/100mL		RM/IZ			
Q2425-03	0.121	1.51	0	0	0.062	0.852	0.726	IC1-062325	6/26/2025 11:53	5.00g/100mL		RM/IZ			
CCV	2.055	3.007	3.029	10.129	2.455	5.136	14.965	IC1-062325	6/26/2025 12:15	10 RM/IZ		10 RM/IZ			
CCB	0	0	0	0	0	0	0	IC1-062325	6/26/2025 12:36	10 RM/IZ		10 RM/IZ			

Clear table

Instrument ID: IC-2 Analyst: Method: 300.0 / 9056A									
ident	concentrat ion F-	concentratio n CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentratio n HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-062325	6/23/2025 15:17
STD2	0.4310	0.6340	0.6430	2.1270	0.5340	1.0520	3.2340	IC1-062325	6/23/2025 15:38
STD3	0.7950	1.1950	1.1990	3.9780	0.9970	1.9350	6.0370	IC1-062325	6/23/2025 16:00
STD4	0.9880	1.4760	1.4700	4.9160	1.2300	2.5510	7.4220	IC1-062325	6/23/2025 16:21
STD5	2.0040	3.0170	3.0040	10.0450	2.5050	5.0760	14.8650	IC1-062325	6/23/2025 16:43
STD6	3.9150	5.9120	5.9140	19.7090	4.9250	9.6020	29.4540	IC1-062325	6/23/2025 17:04
STD7	5.0680	7.5660	7.5700	25.2250	6.3100	12.7840	37.4880	IC1-062325	6/23/2025 17:25
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	Initial wt/	Analyst
STD1								Final	
STD2	7.7500	5.6667	7.1667	6.3500	6.8000	5.2000	7.8000	10 RM/IZ	
STD3	-0.6250	-0.4167	-0.0833	-0.5500	-0.3000	-3.2500	0.6167	10 RM/IZ	
STD4	-1.2000	-1.6000	-2.0000	-1.6800	-1.6000	2.0400	-1.0400	10 RM/IZ	
STD5	0.2000	0.5667	0.1333	0.4500	0.2000	1.5200	-0.9000	10 RM/IZ	
STD6	-2.1250	-1.4667	-1.4333	-1.4550	-1.5000	-3.9800	-1.8200	10 RM/IZ	
STD7	1.3600	0.8800	0.9333	0.9000	0.9600	2.2720	1.3189	10 RM/IZ	

Fluoride (Anions)



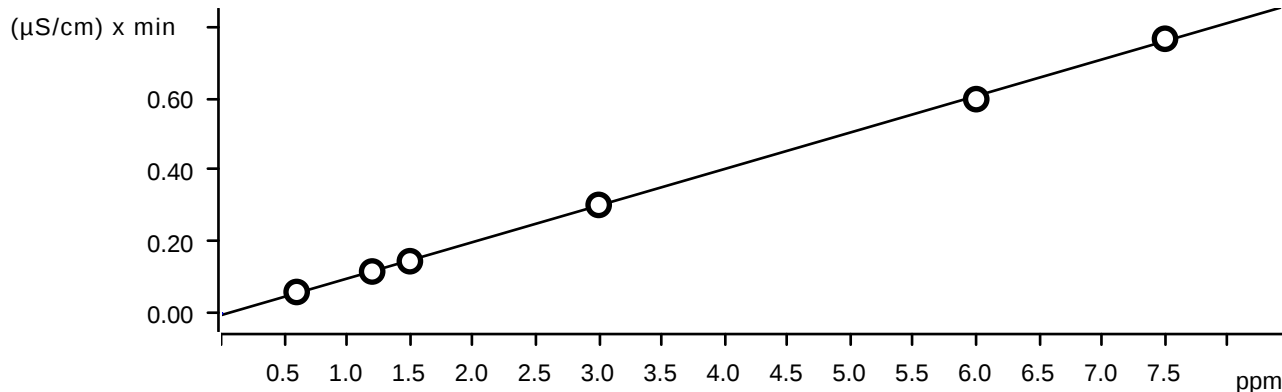
Function: $A = -4.55276E-3 + 0.0145788 \times Q$

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

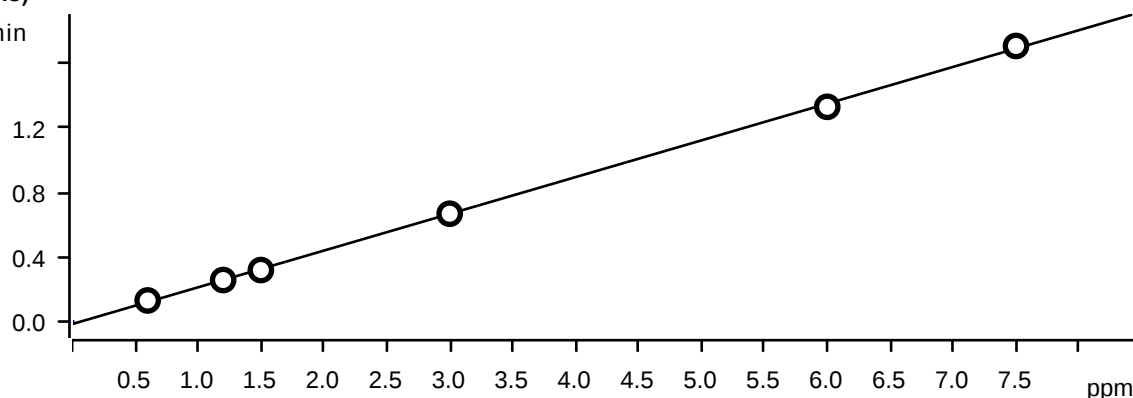
Chloride (Anions)



Function: $A = -4.66825E-3 + 0.0101843 \times Q$

Relative standard deviation 1.824872 %
Correlation coefficient 0.999824

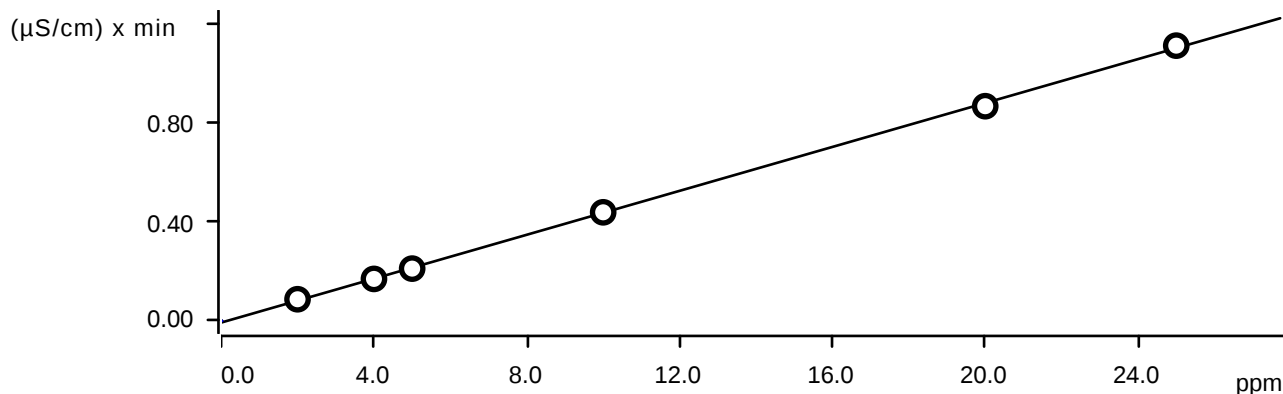
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.060	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.117	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 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) $(\mu\text{S/cm}) \times \text{min}$ 

Function: $A = -0.0166933 + 0.0227623 \times Q$
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

Bromide (Anions)



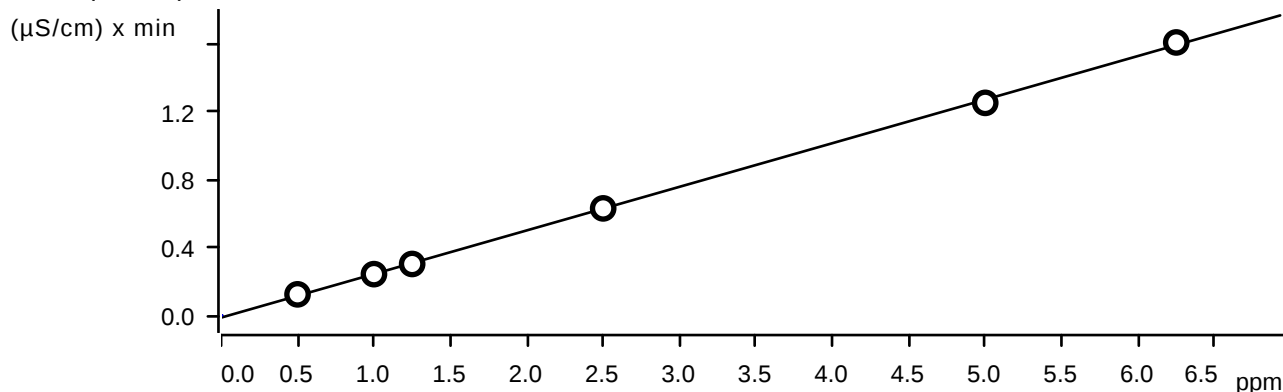
Function: $A = -7.05131E-3 + 4.42168E-3 \times Q$

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)

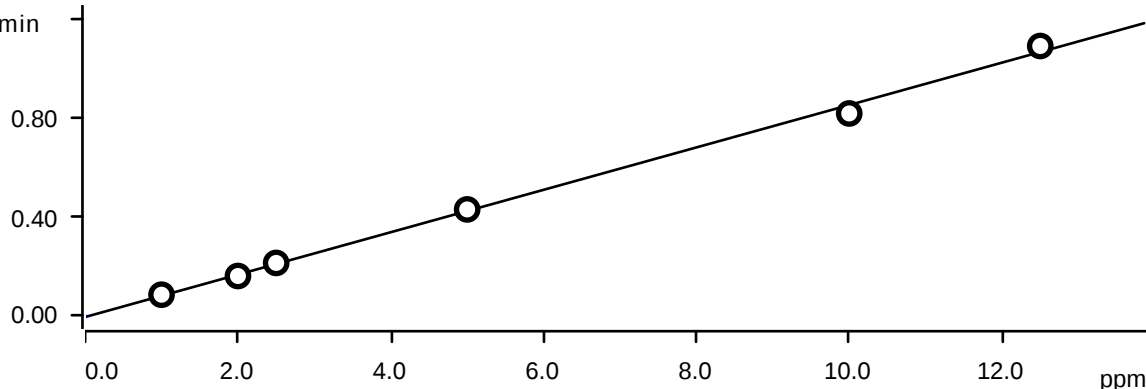


Function: $A = -0.0130270 + 0.0256654 \times Q$

Relative standard deviation 1.929849 %

Correlation coefficient 0.999804

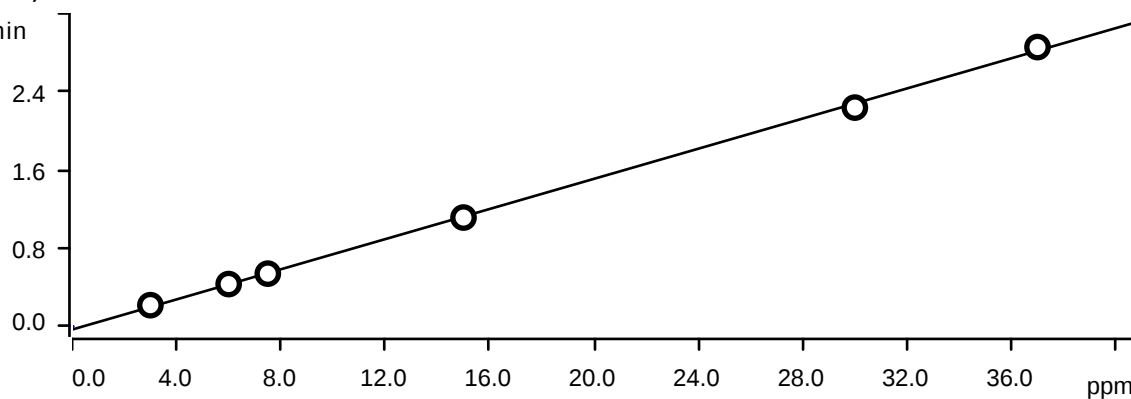
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.124	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.243	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 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) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -3.61656E-3 + 8.53718E-3 \times Q$

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

Sulfate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0315238 + 7.70359E-3 \times Q$

Relative standard deviation 2.454303 %

Correlation coefficient 0.999685

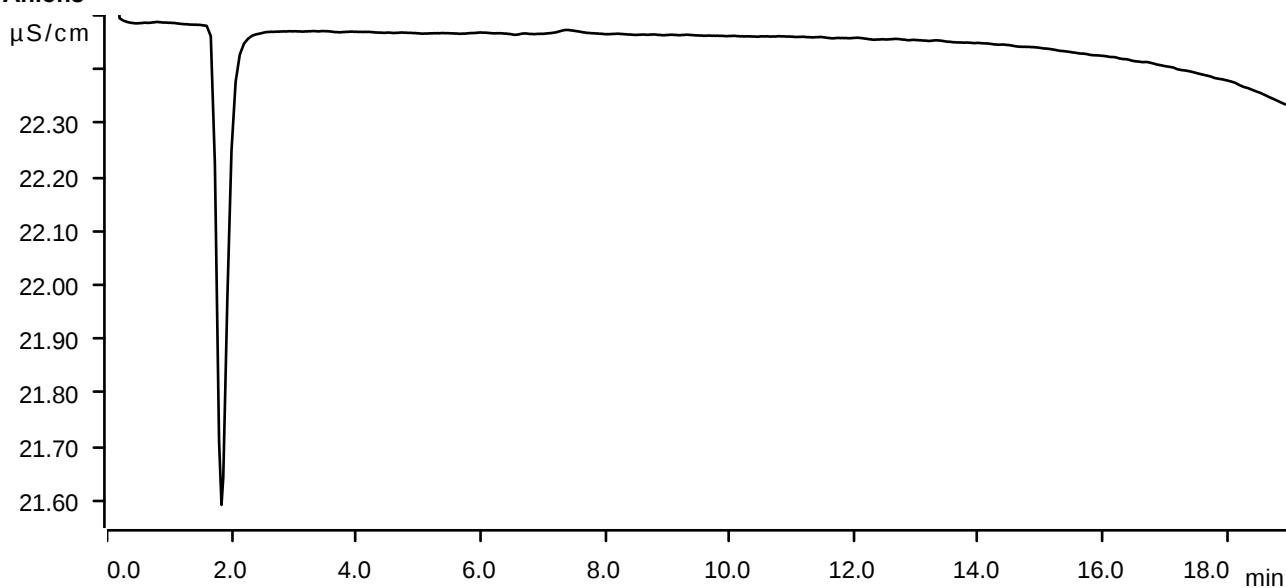
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.218	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.434	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 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

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

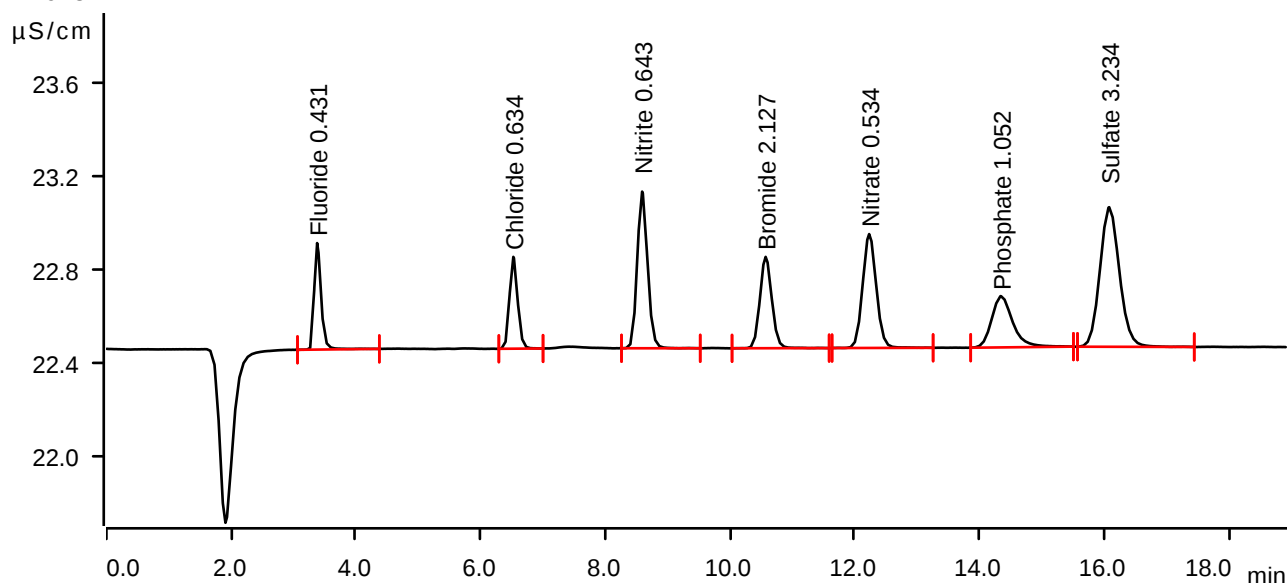
Sample data

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

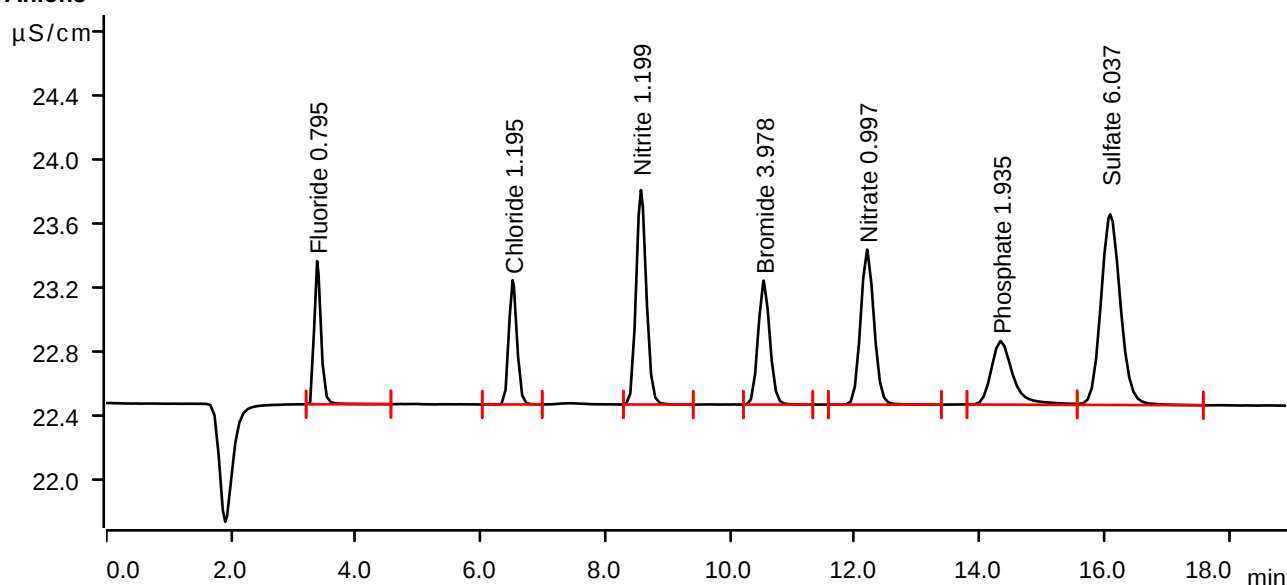
Sample data

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

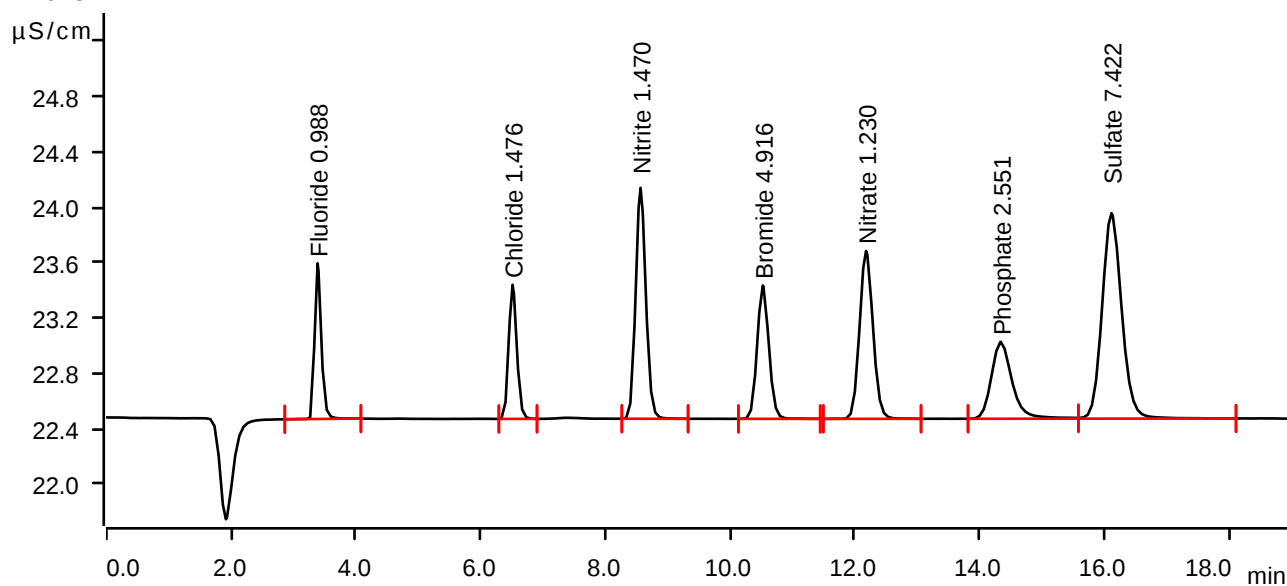
Sample data

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

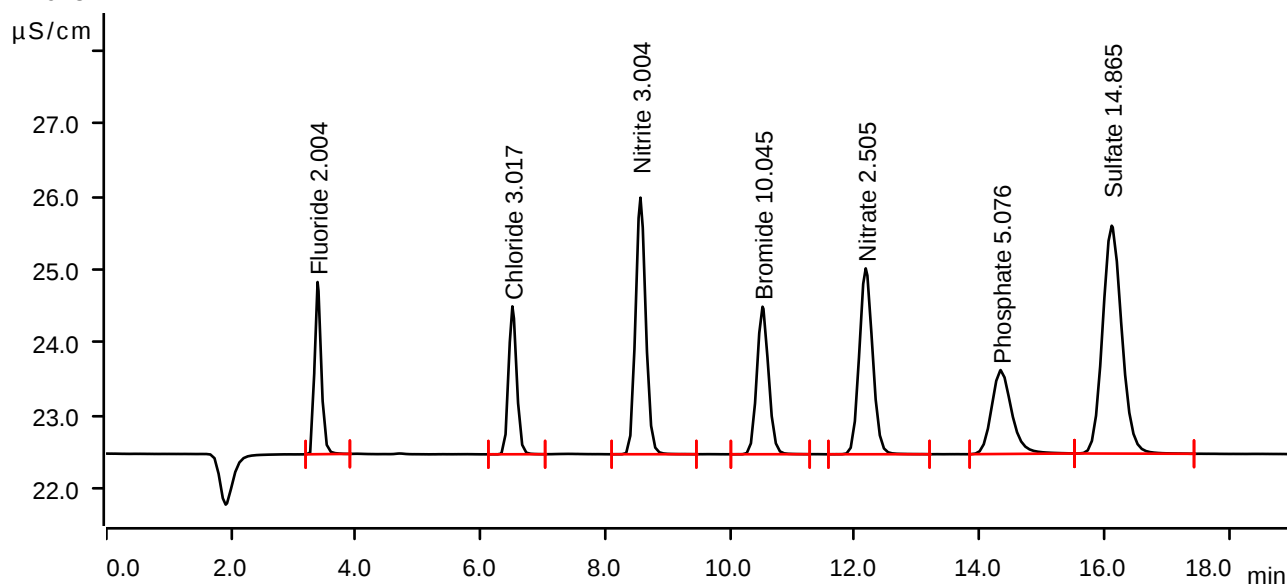
Sample data

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

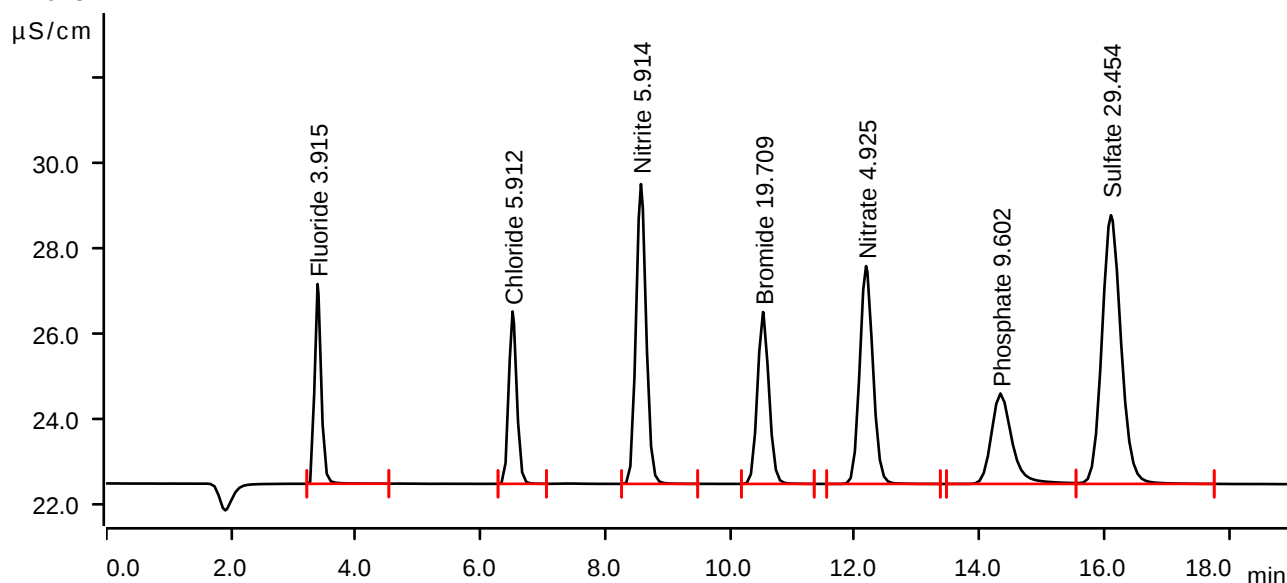
Sample data

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

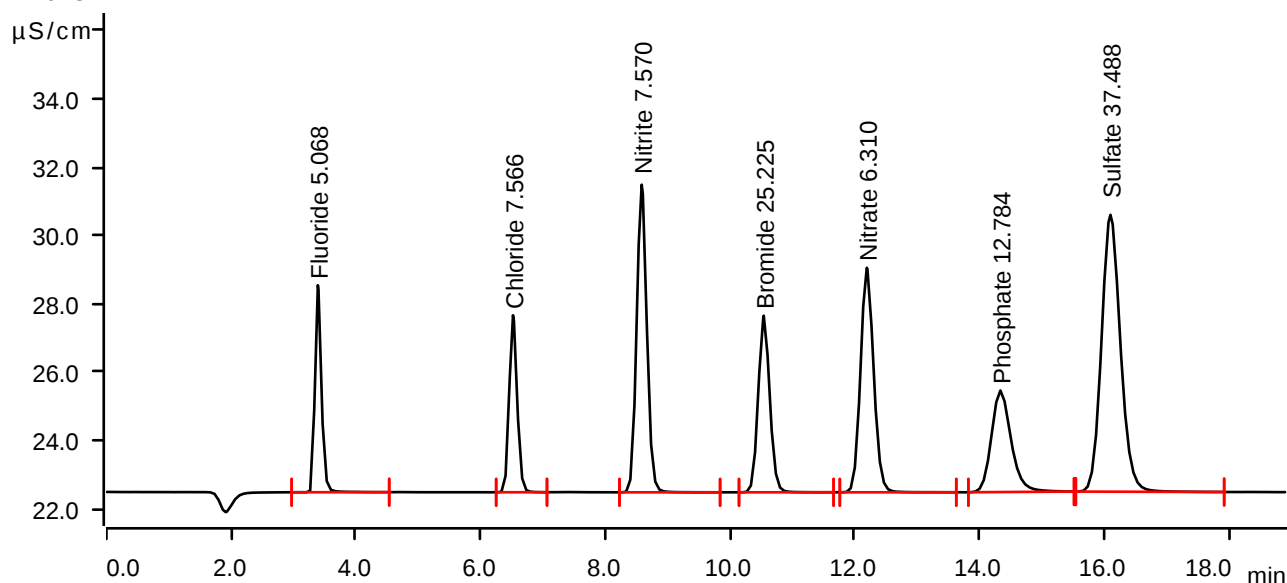
Sample data

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

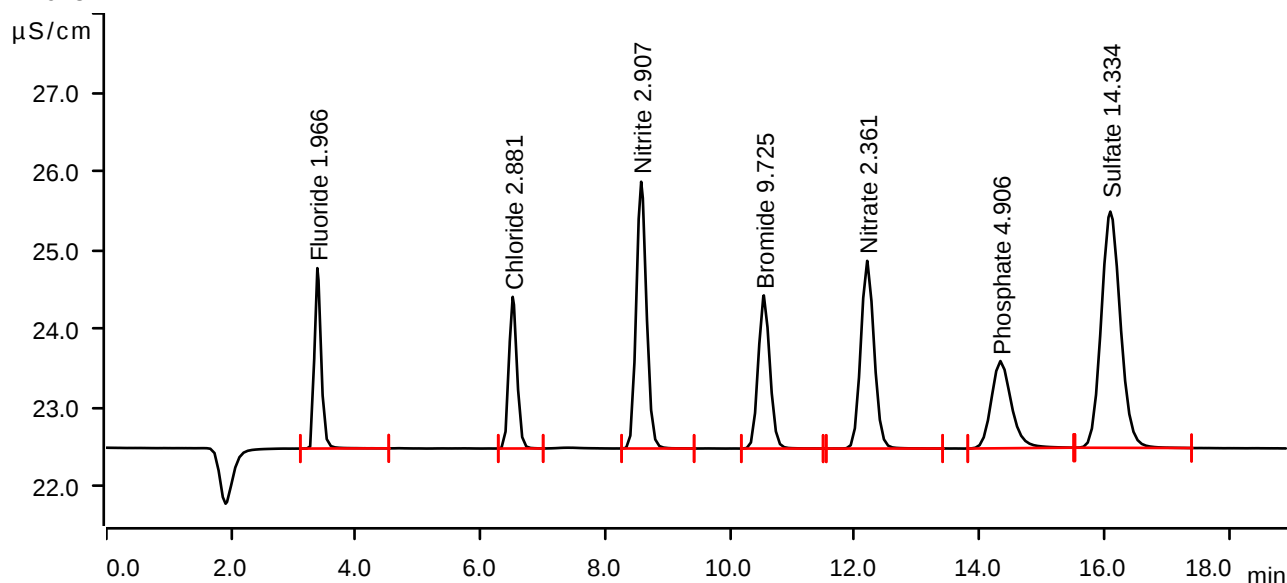
Sample data

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

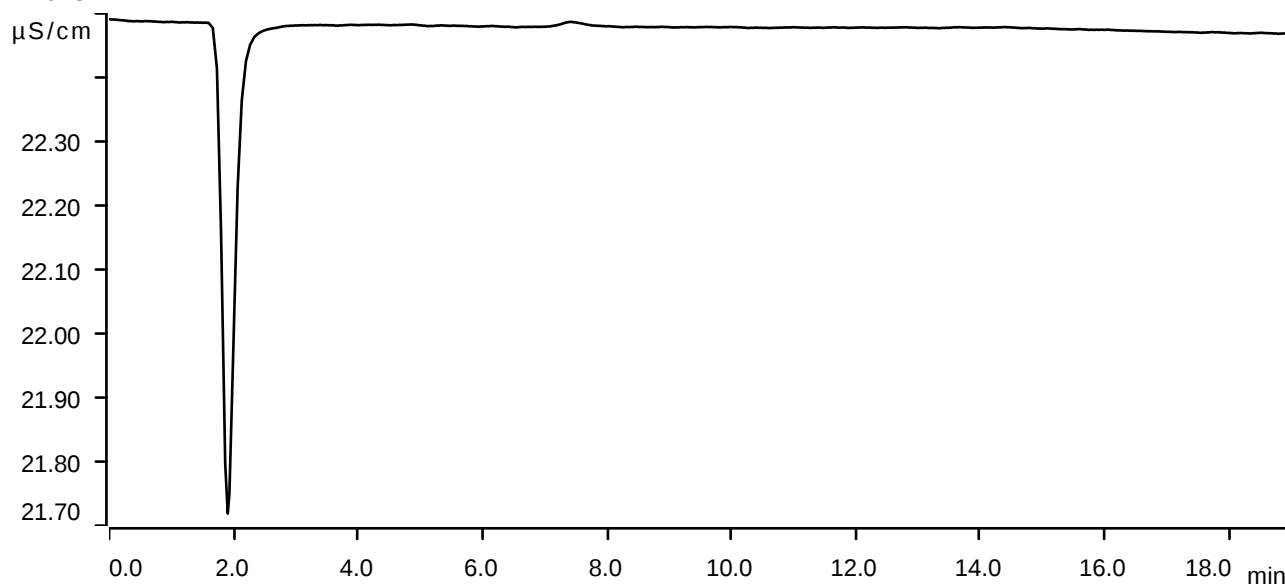
Sample data

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



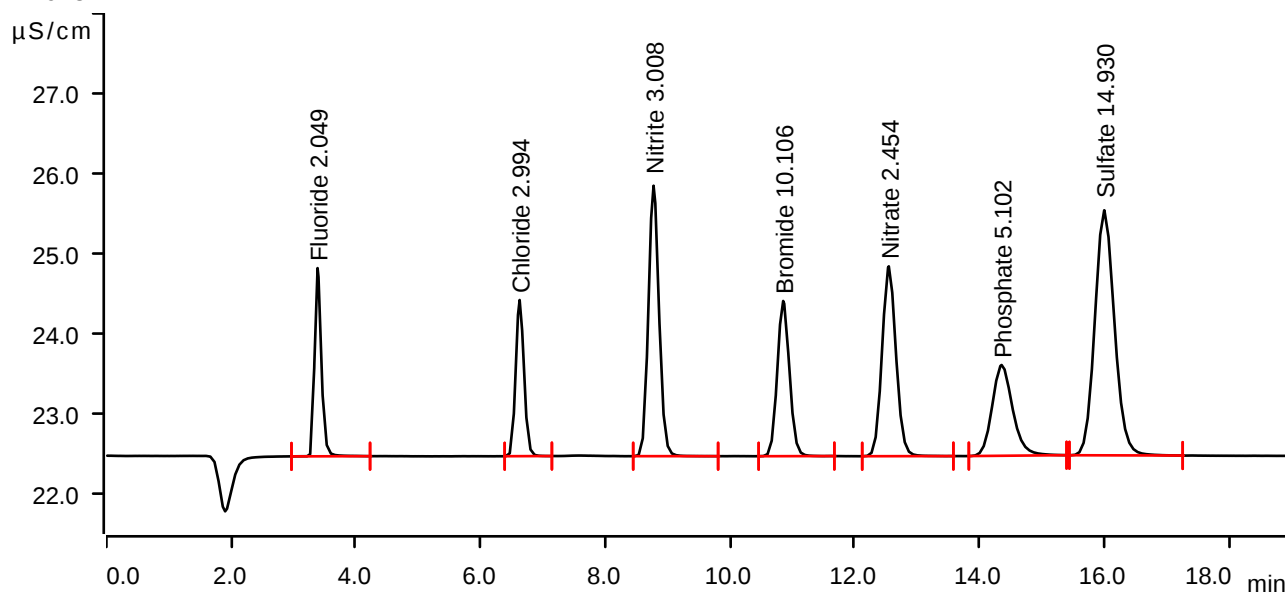
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-06-26 08:45:13 UTC-4
Method IC1-062325
Operator

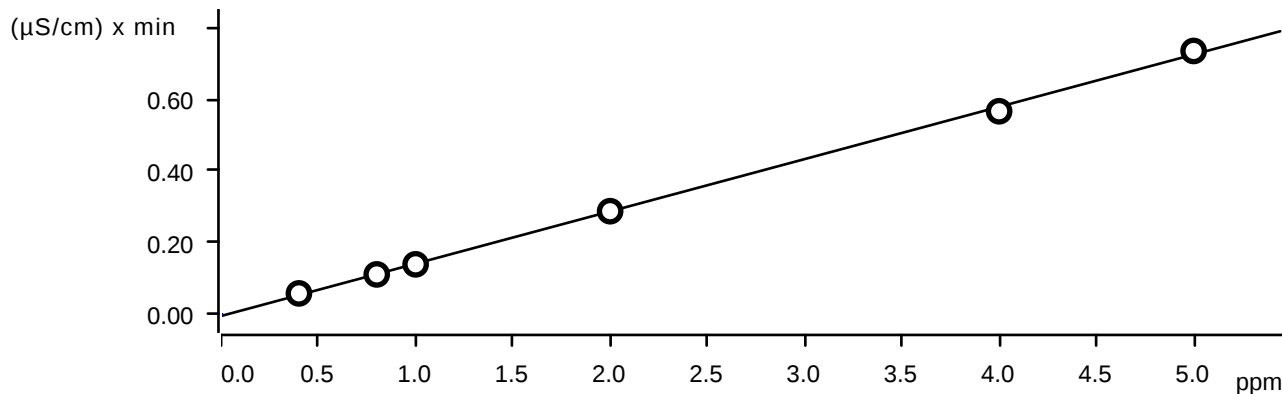
Anions

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



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	3.387	0.2942	2.351	2.049	Fluoride
2	6.627	0.3003	1.951	2.994	Chloride
3	8.773	0.6679	3.379	3.008	Nitrite
4	10.852	0.4398	1.939	10.106	Bromide
5	12.545	0.6168	2.372	2.454	Nitrate
6	14.353	0.4319	1.134	5.102	Phosphate
7	15.998	1.1186	3.062	14.930	Sulfate

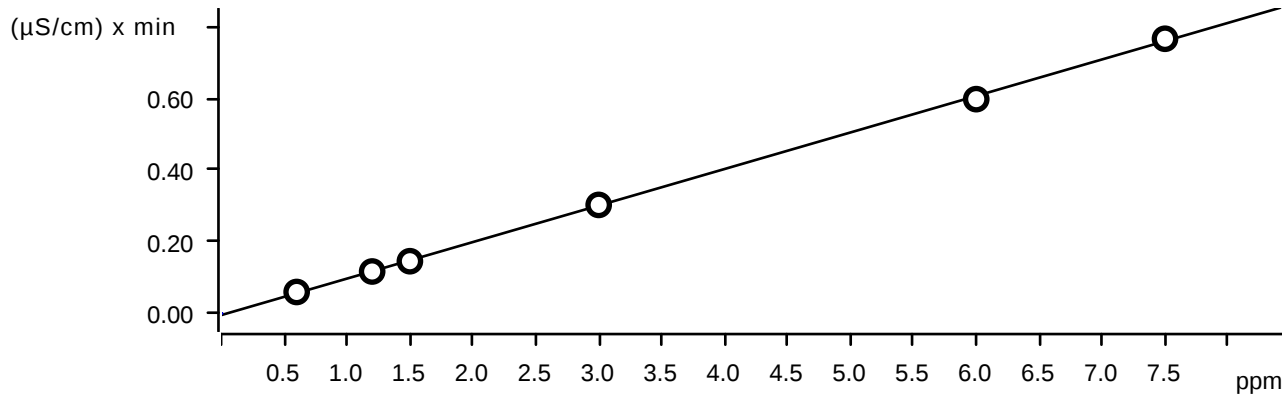
Fluoride (Anions)

Function: $A = -4.55276\text{E-}3 + 0.0145788 \times Q$

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)

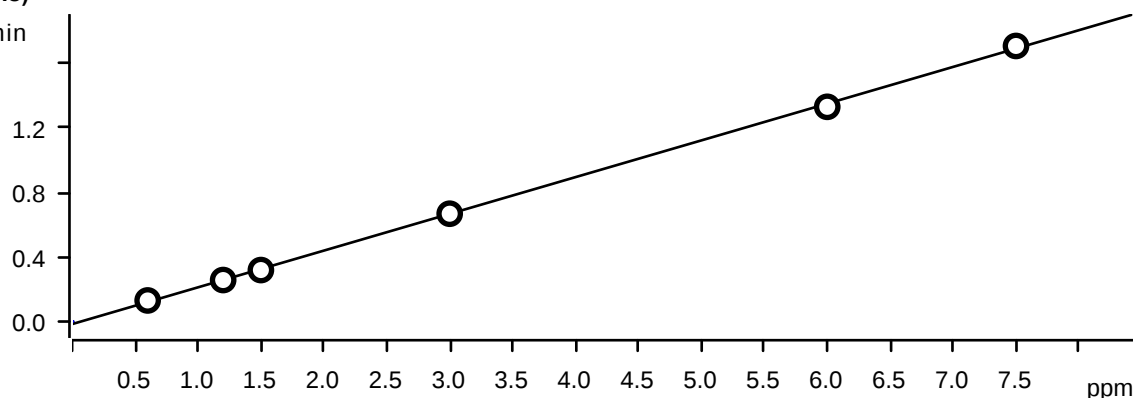
Function: $A = -4.66825\text{E-}3 + 0.0101843 \times Q$

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)

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

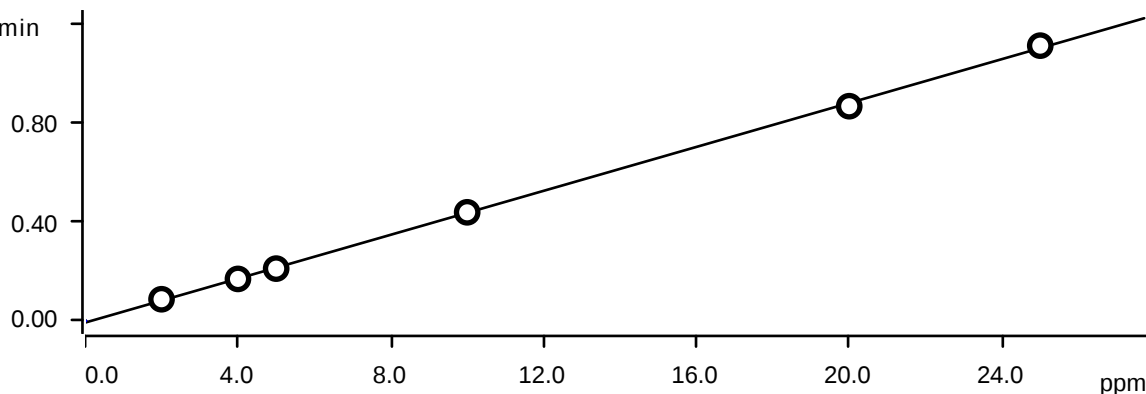


Function: $A = -0.0166933 + 0.0227623 \times Q$
 Relative standard deviation 1.905382 %
 Correlation coefficient 0.999811

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

Bromide (Anions)

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



Function: $A = -7.05131E-3 + 4.42168E-3 \times Q$

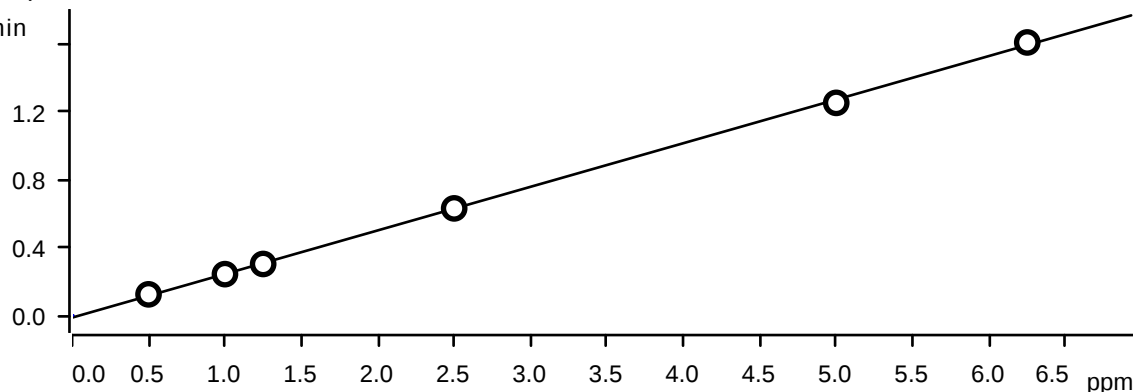
Relative standard deviation 1.851347 %

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)

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



Function: $A = -0.0130270 + 0.0256654 \times Q$

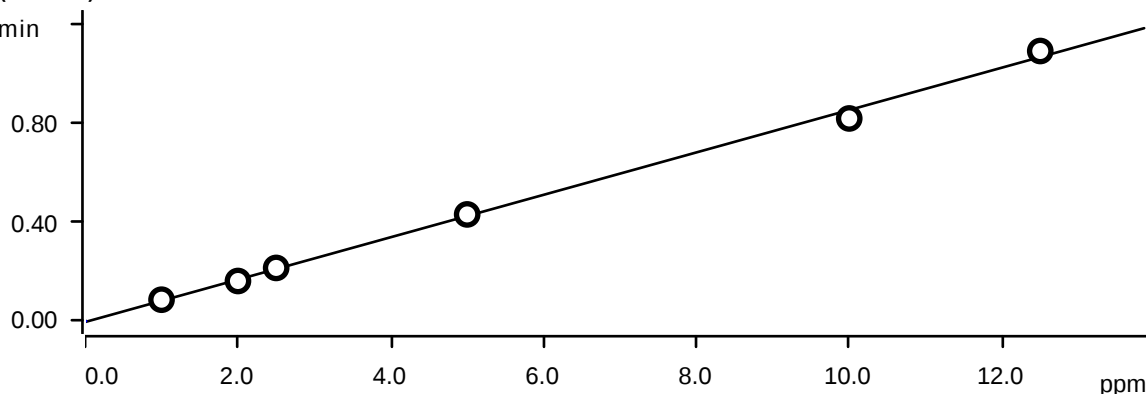
Relative standard deviation 1.929849 %

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)

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



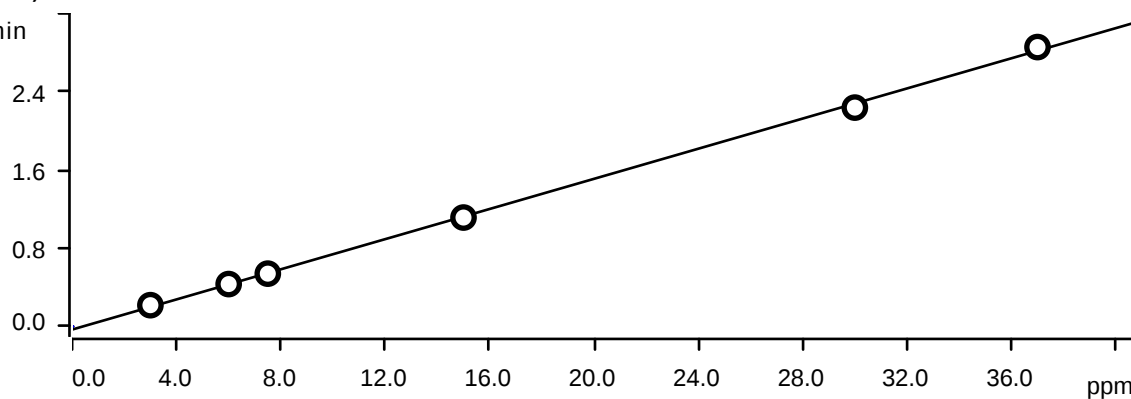
Function: $A = -3.61656E-3 + 8.53718E-3 \times Q$

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

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0315238 + 7.70359E-3 \times Q$

Relative standard deviation 2.454303 %

Correlation coefficient 0.999685

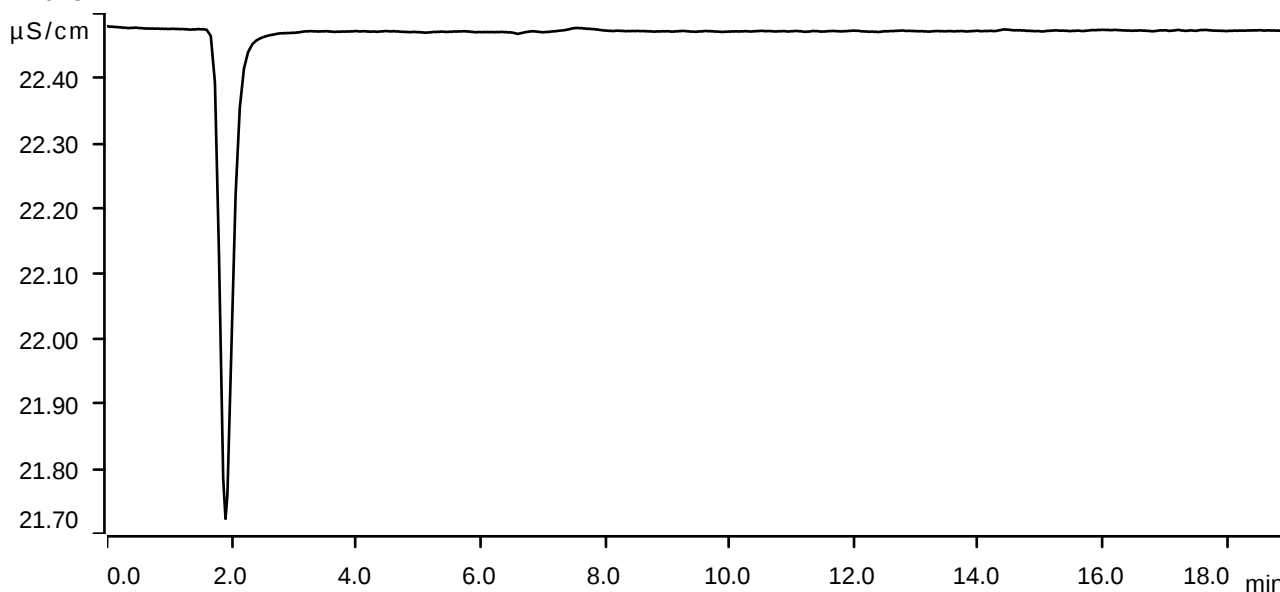
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.218	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.434	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 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

Sample data

Ident CCB
Sample type Sample
Determination start 2025-06-26 09:06:43 UTC-4
Method IC1-062325
Operator

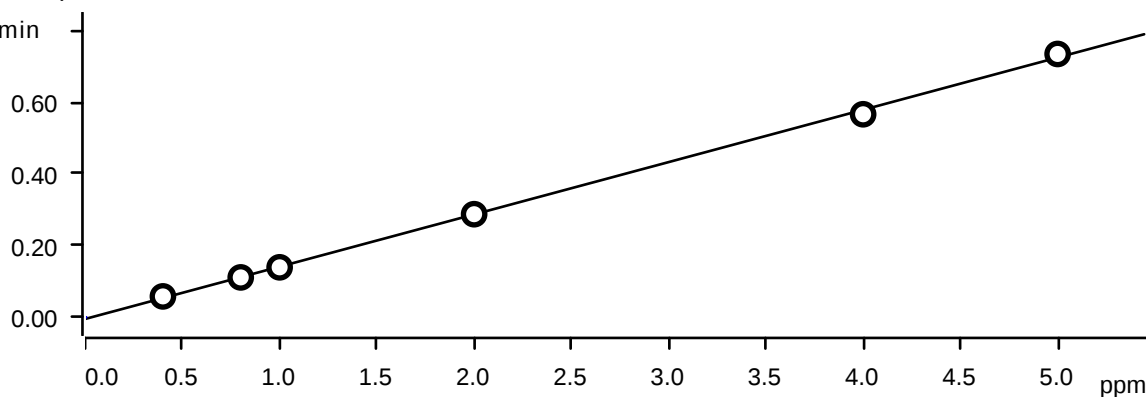
Anions

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

Fluoride (Anions)

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



Function: $A = -4.55276\text{E-}3 + 0.0145788 \times Q$

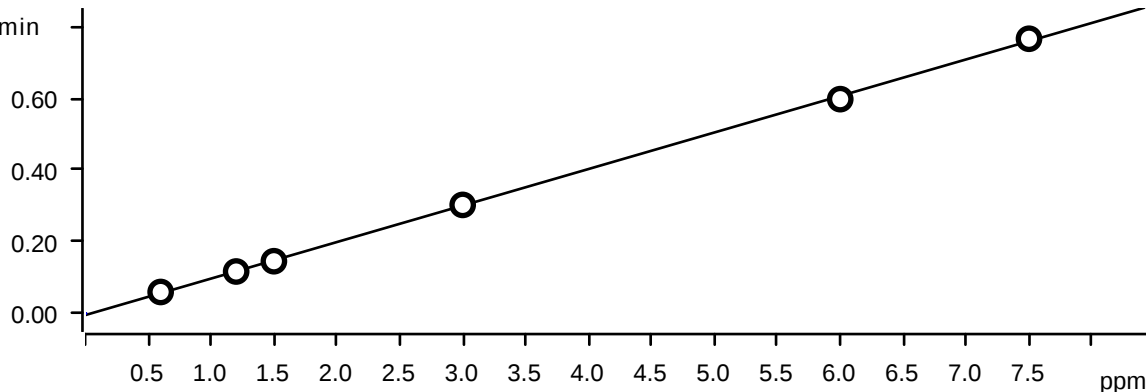
Relative standard deviation 2.633289 %

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)

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



Function: $A = -4.66825\text{E-}3 + 0.0101843 \times Q$

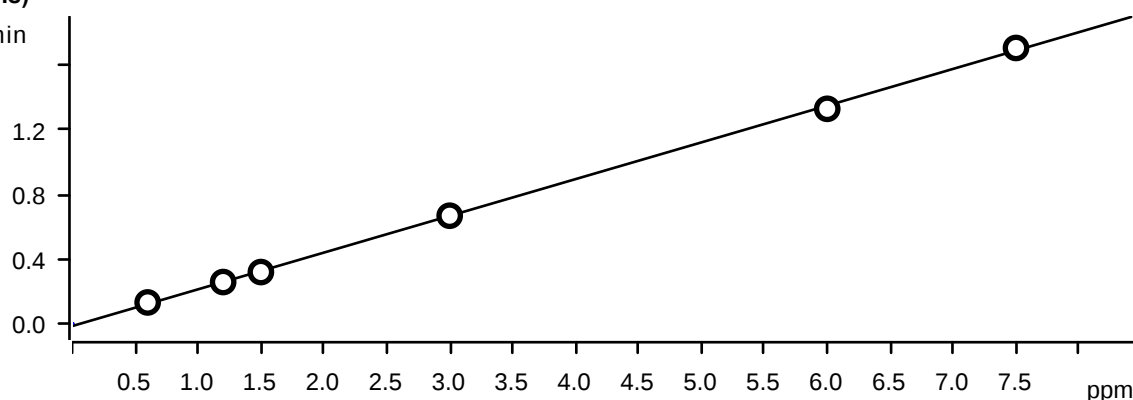
Relative standard deviation 1.824872 %

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)

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



Function: $A = -0.0166933 + 0.0227623 \times Q$

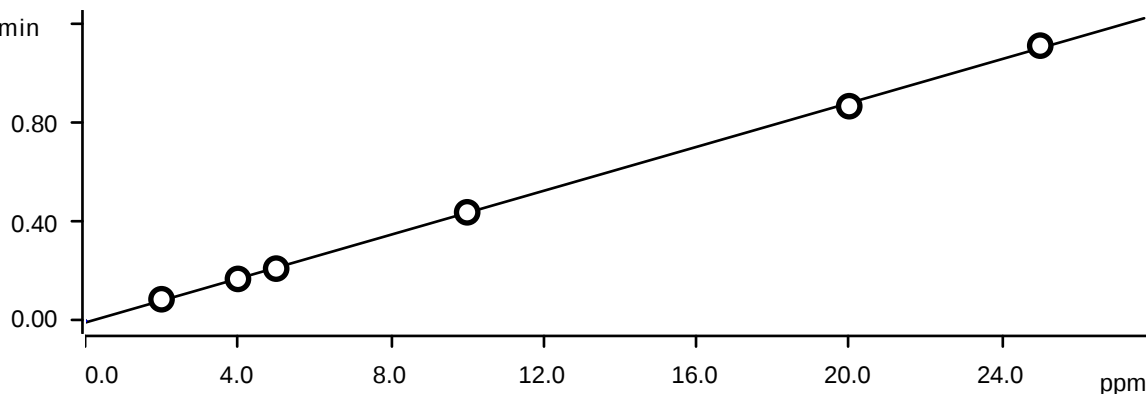
Relative standard deviation 1.905382 %

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

Bromide (Anions)

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



Function: $A = -7.05131E-3 + 4.42168E-3 \times Q$

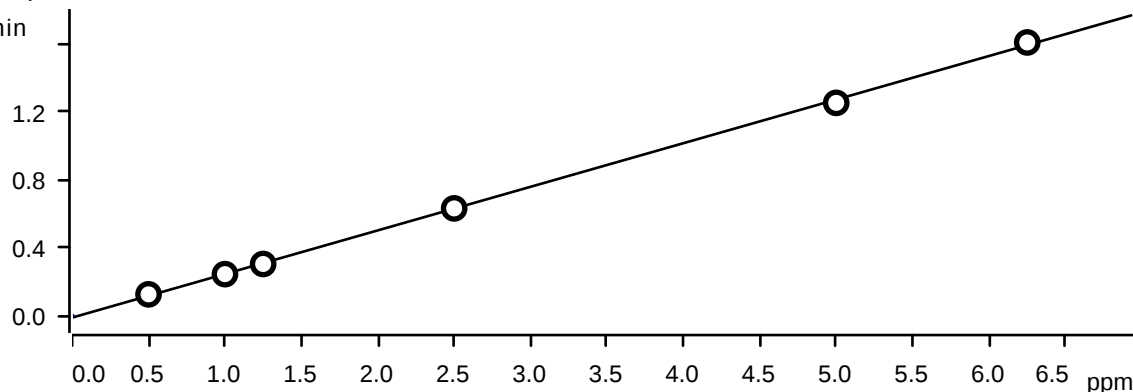
Relative standard deviation: 1.851347 %

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)

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



Function: $A = -0.0130270 + 0.0256654 \times Q$

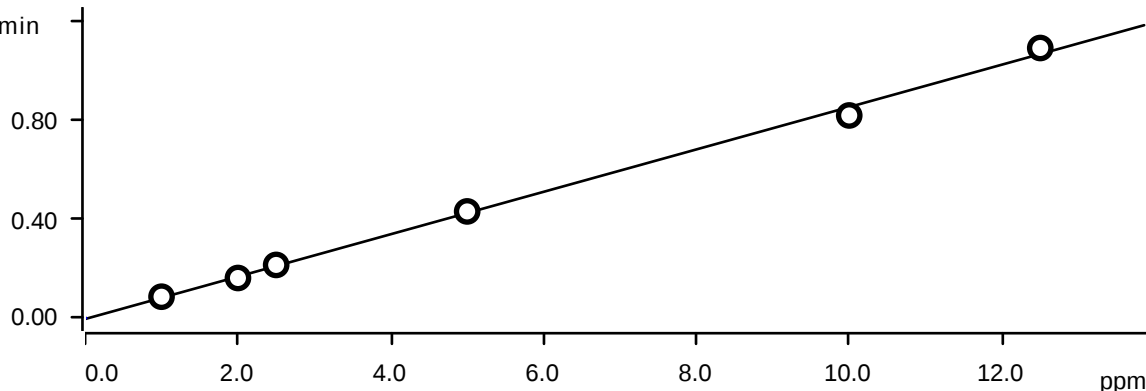
Relative standard deviation: 1.929849 %

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)

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



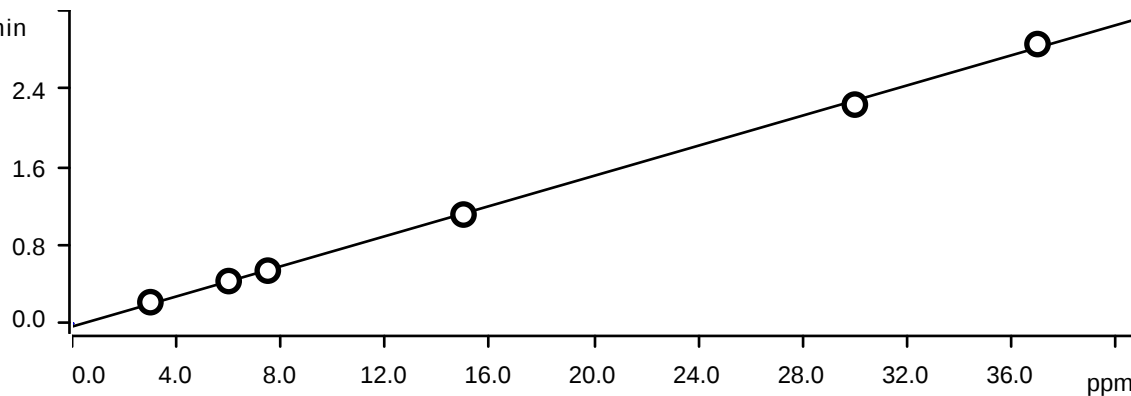
Function: $A = -3.61656E-3 + 8.53718E-3 \times Q$

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

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0315238 + 7.70359E-3 \times Q$

Relative standard deviation 2.454303 %

Correlation coefficient 0.999685

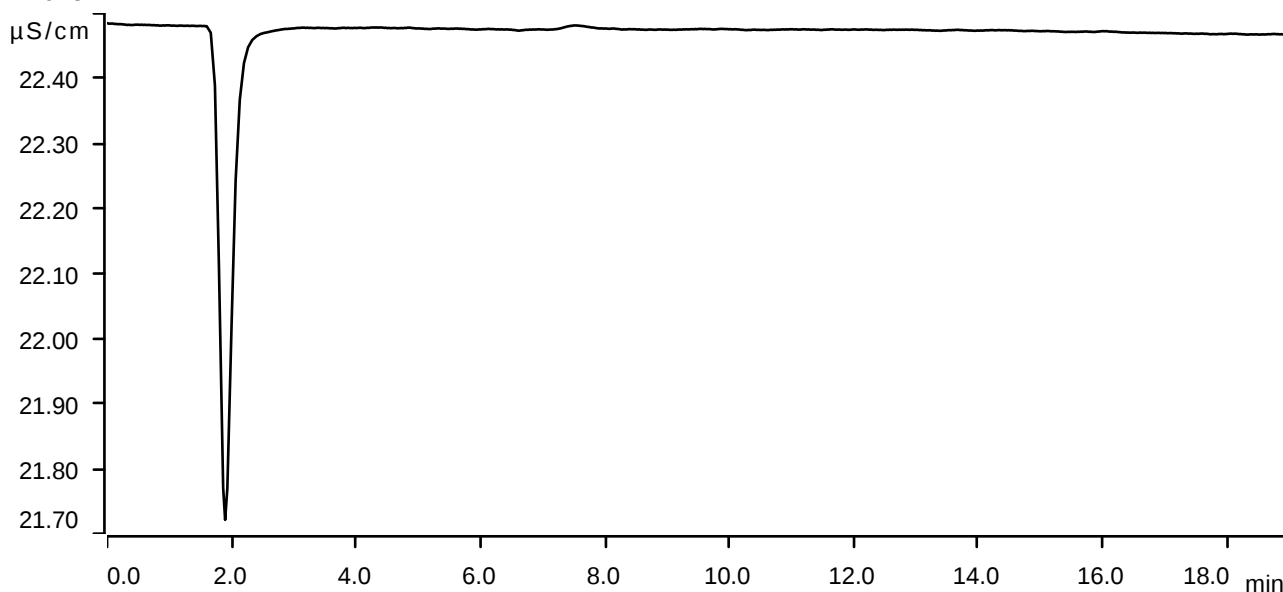
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.218	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.434	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 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

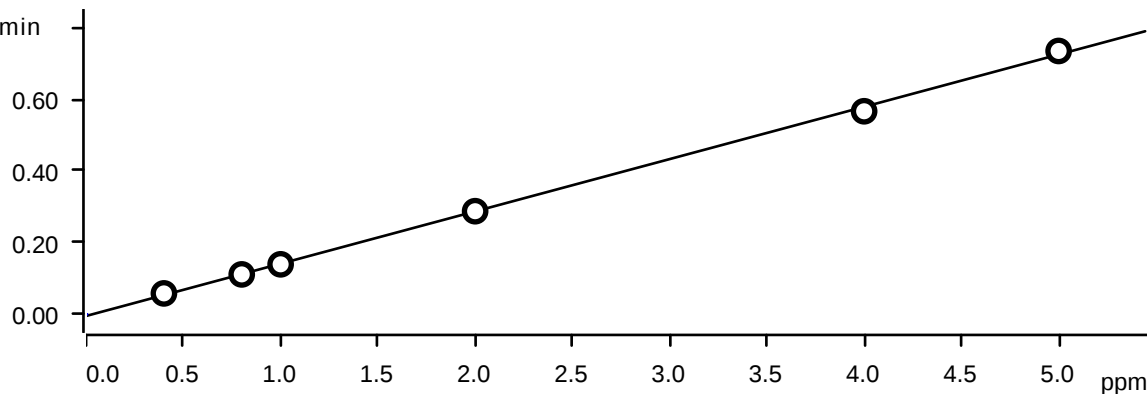
Sample data

Ident LB136282BLS
Sample type Sample
Determination start 2025-06-26 09:28:13 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

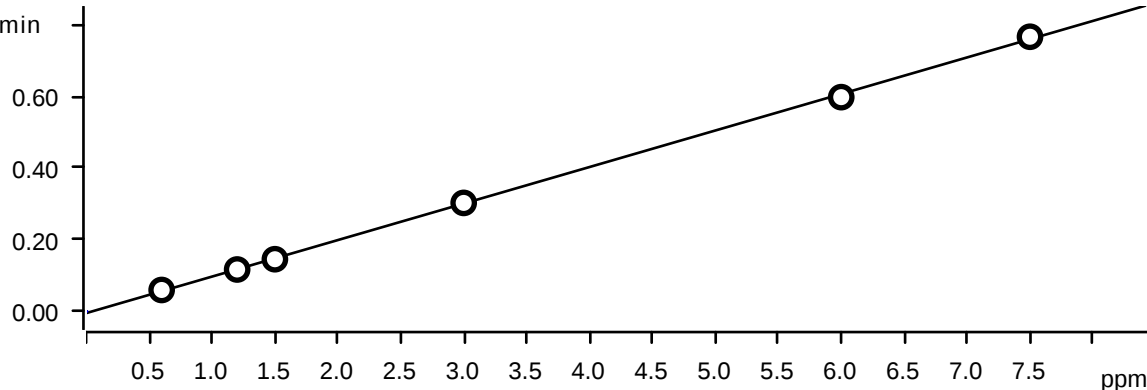
Anions

Fluoride (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -4.55276\text{E-}3 + 0.0145788 \times Q$

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

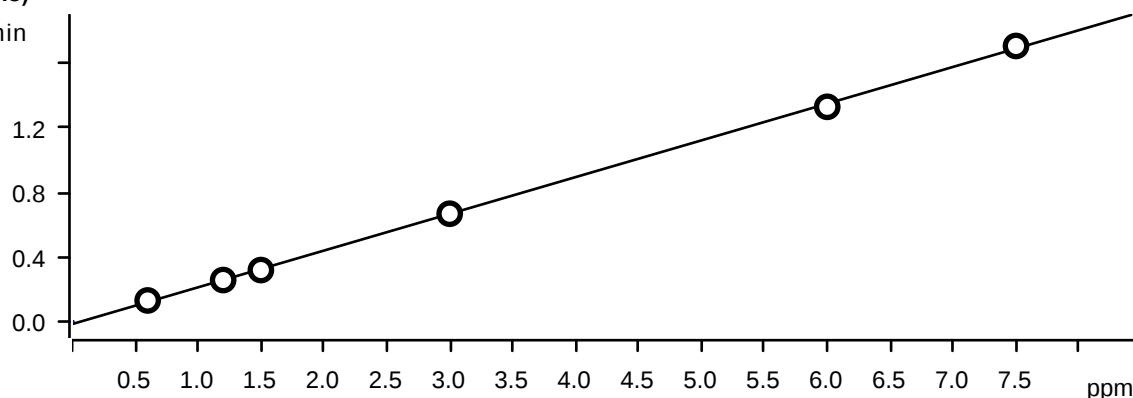
Chloride (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -4.66825\text{E-}3 + 0.0101843 \times Q$

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)

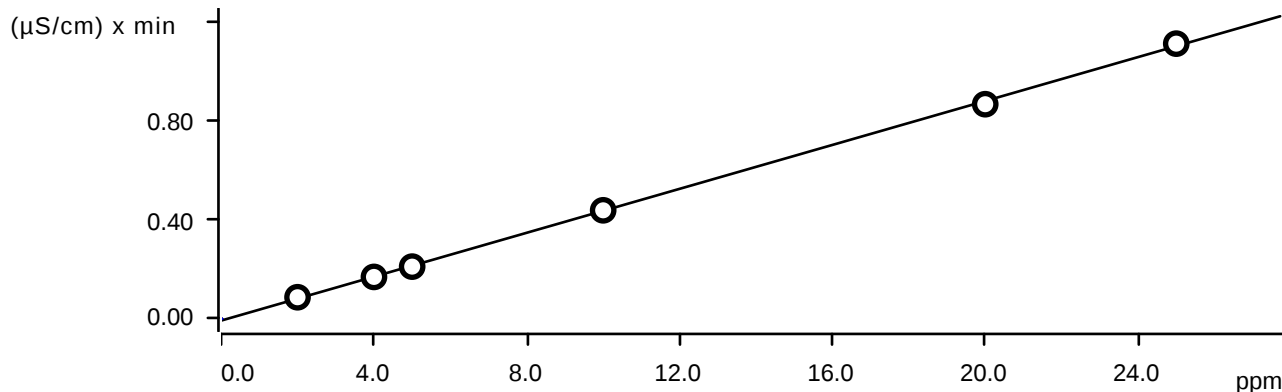
($\mu\text{S/cm}$) $\times$ min



Function: $A = -0.0166933 + 0.0227623 \times Q$
 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

Bromide (Anions)



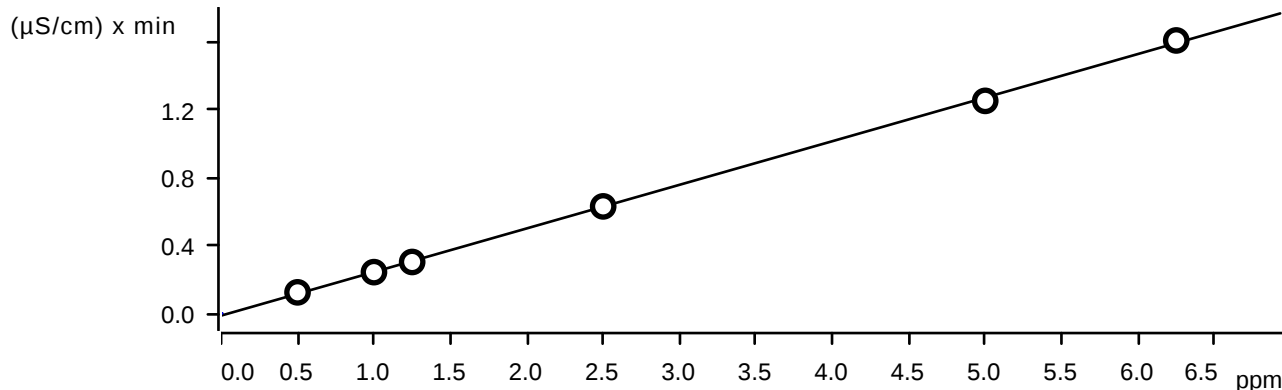
Function: $A = -7.05131E-3 + 4.42168E-3 \times Q$

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)

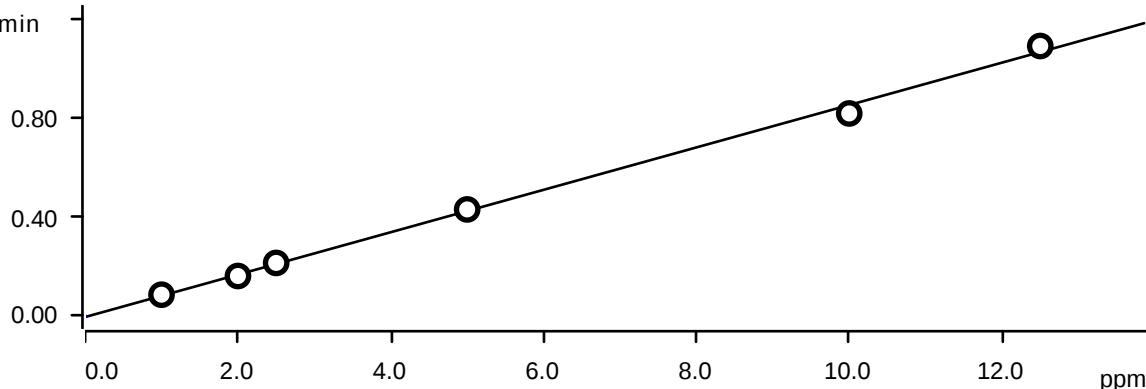


Function: $A = -0.0130270 + 0.0256654 \times Q$

Relative standard deviation 1.929849 %

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

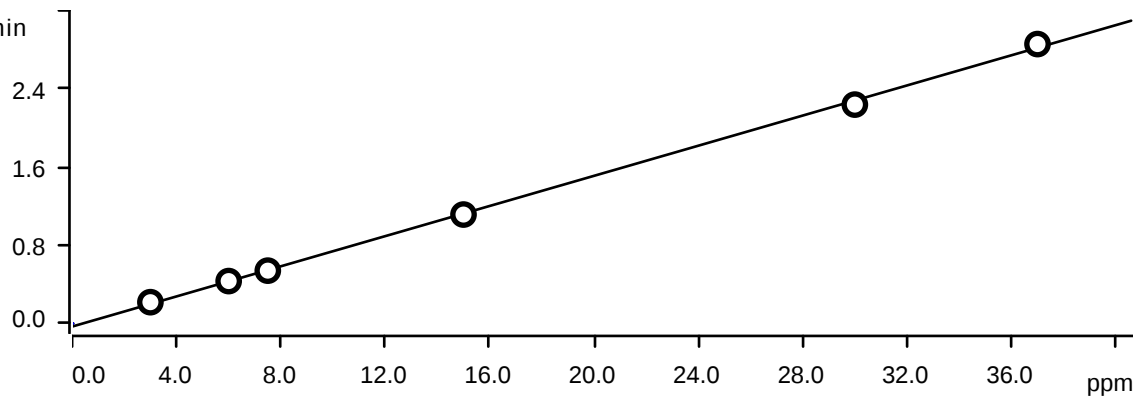
Phosphate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -3.61656E-3 + 8.53718E-3 \times Q$

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

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0315238 + 7.70359E-3 \times Q$

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

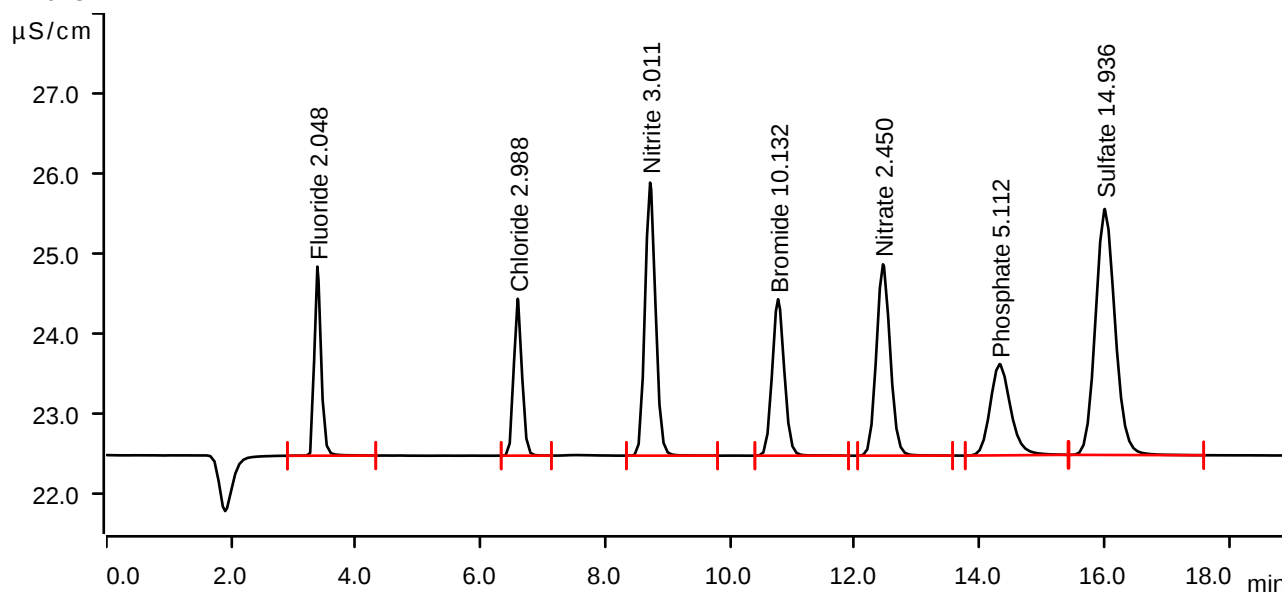
Sample data

Ident LB136282BSS
Sample type Check standard 1
Determination start 2025-06-26 09:49:44 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

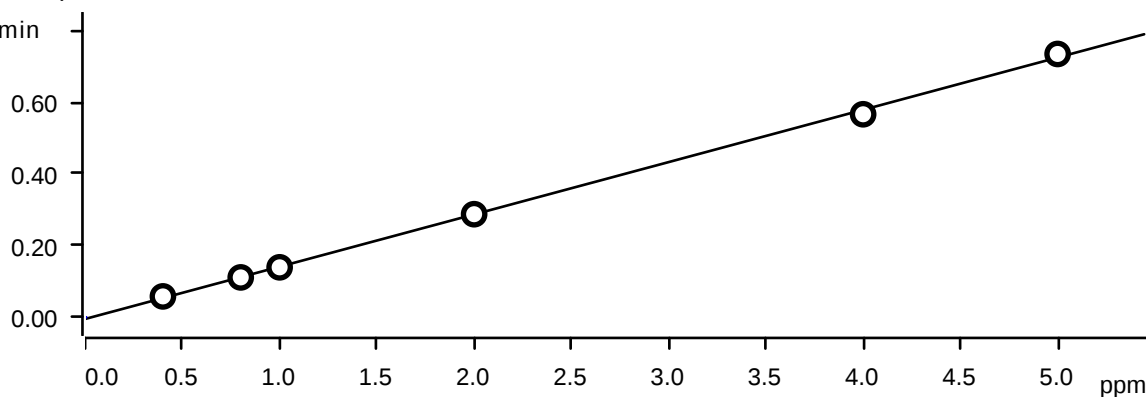
Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	3.383	0.2941	2.361	2.048	Fluoride
2	6.595	0.2997	1.960	2.988	Chloride
3	8.718	0.6687	3.411	3.011	Nitrite
4	10.770	0.4409	1.955	10.132	Bromide
5	12.452	0.6157	2.391	2.450	Nitrate
6	14.322	0.4328	1.141	5.112	Phosphate
7	16.008	1.1191	3.073	14.936	Sulfate

Fluoride (Anions)

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



Function: $A = -4.55276\text{E-}3 + 0.0145788 \times Q$

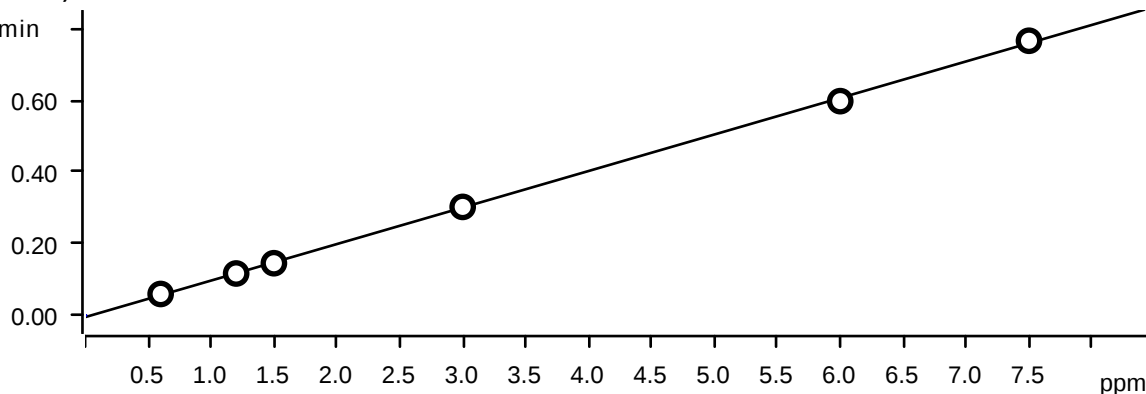
Relative standard deviation 2.633289 %

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)

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



Function: $A = -4.66825\text{E-}3 + 0.0101843 \times Q$

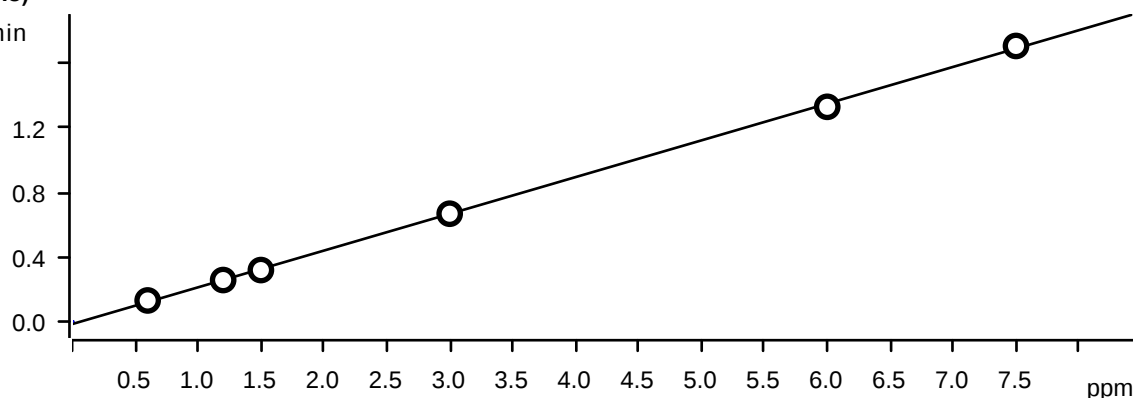
Relative standard deviation 1.824872 %

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)

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



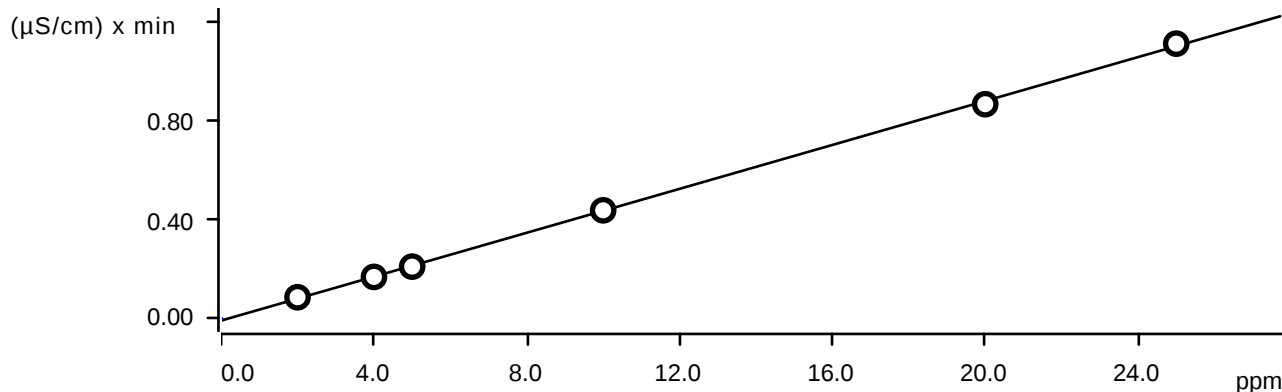
Function: $A = -0.0166933 + 0.0227623 \times Q$

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

Bromide (Anions)



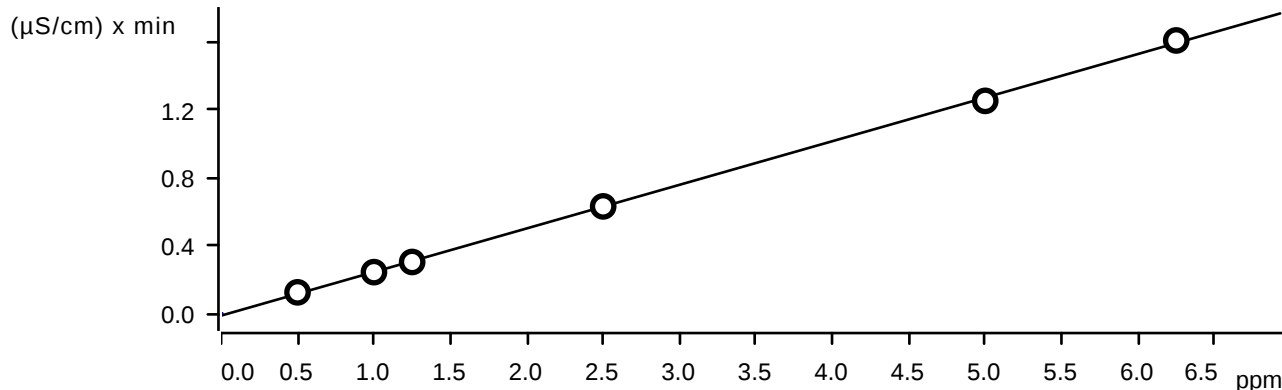
Function: $A = -7.05131E-3 + 4.42168E-3 \times Q$

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)

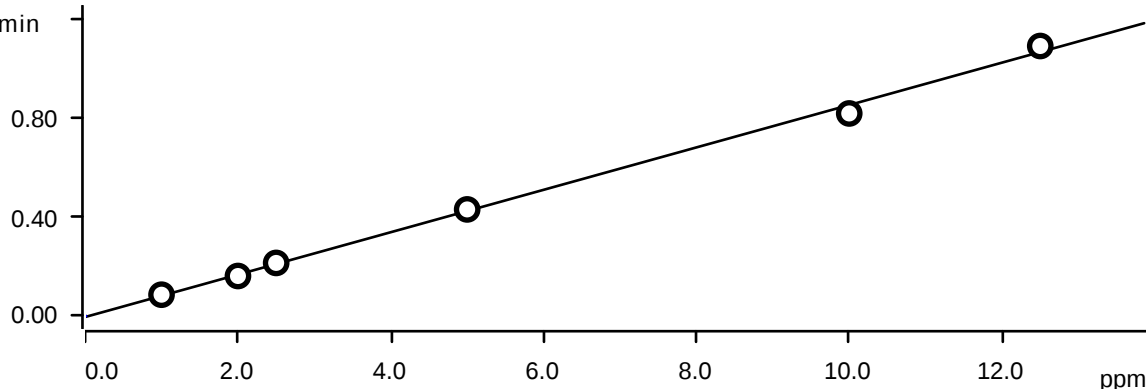


Function: $A = -0.0130270 + 0.0256654 \times Q$

Relative standard deviation 1.929849 %

Correlation coefficient 0.999804

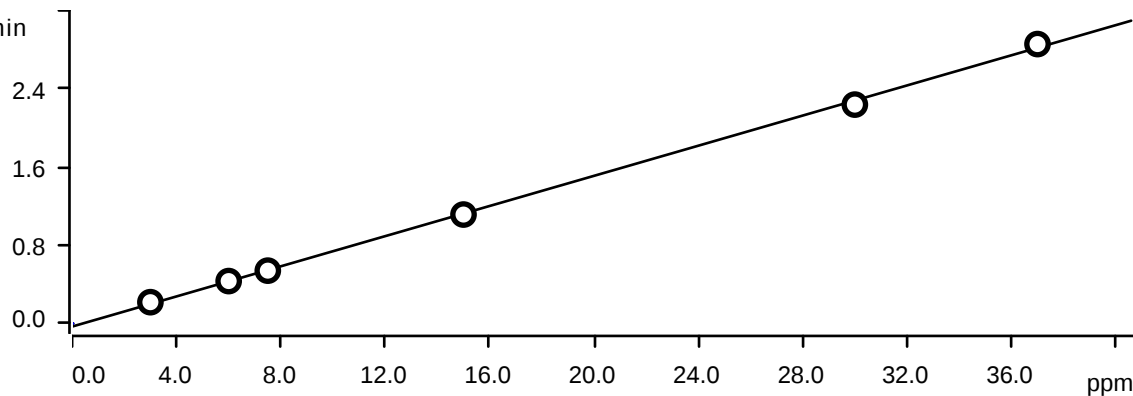
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.124	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.243	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 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) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -3.61656E-3 + 8.53718E-3 \times Q$

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

Sulfate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0315238 + 7.70359E-3 \times Q$

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

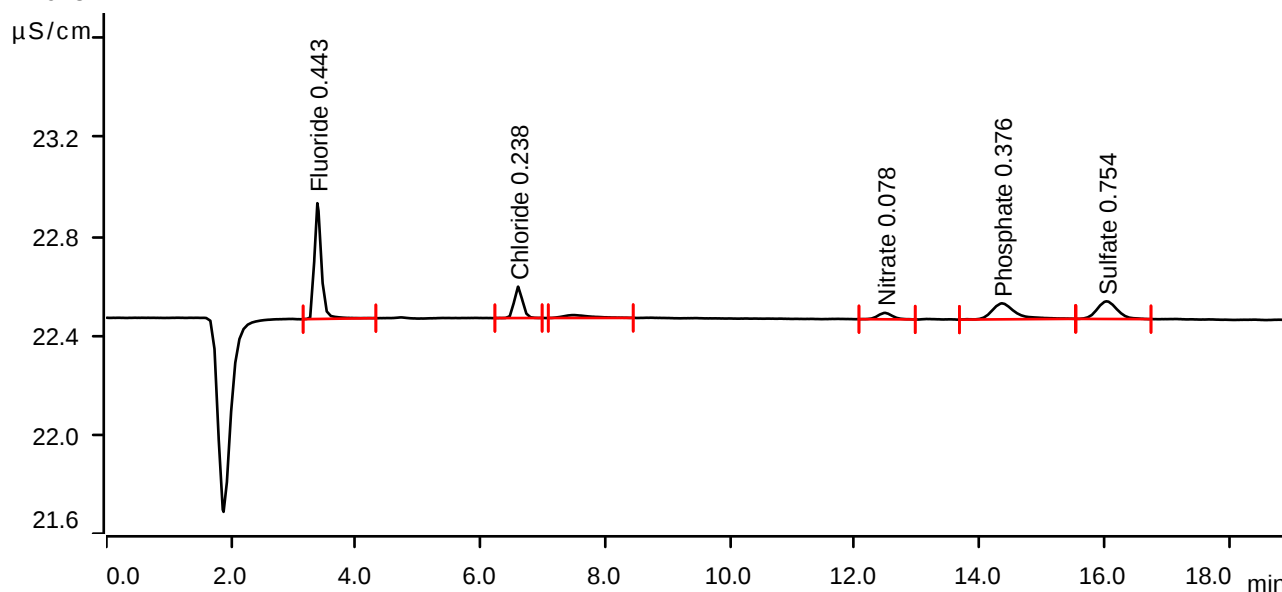
Sample data

Ident Q2425-01
Sample type Sample
Determination start 2025-06-26 10:27:26 UTC-4
Method IC1-062325
Operator

Anions

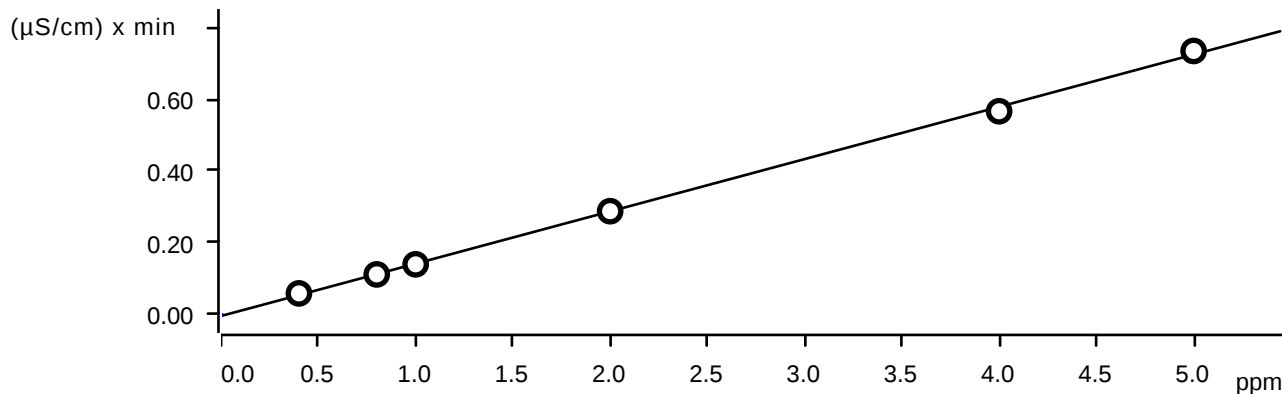
Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.11 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	3.383	0.0600	0.467	0.443	Fluoride
2	6.603	0.0196	0.126	0.238	Chloride
3	7.508	0.0061	0.012	invalid	
4	12.488	0.0070	0.026	0.078	Nitrate
5	14.358	0.0285	0.065	0.376	Phosphate
6	16.033	0.0266	0.071	0.754	Sulfate

Fluoride (Anions)



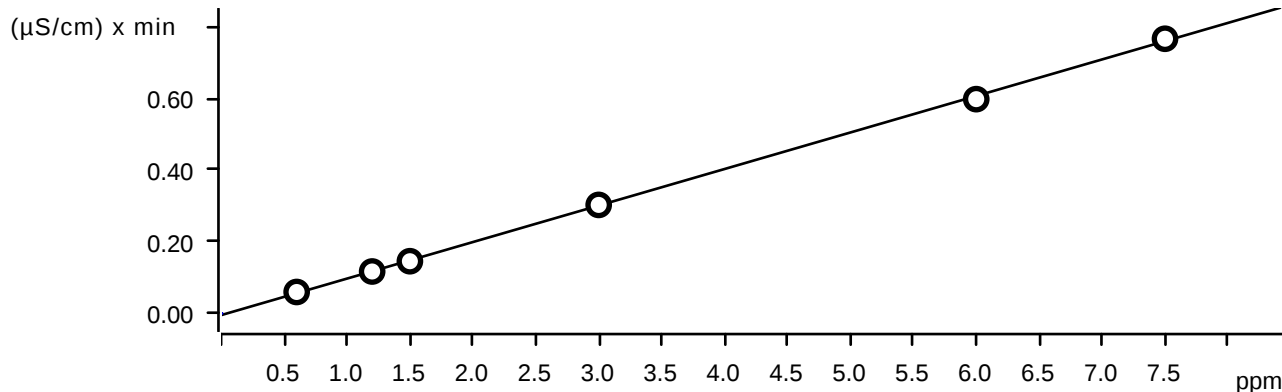
Function: $A = -4.55276E-3 + 0.0145788 \times Q$

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)



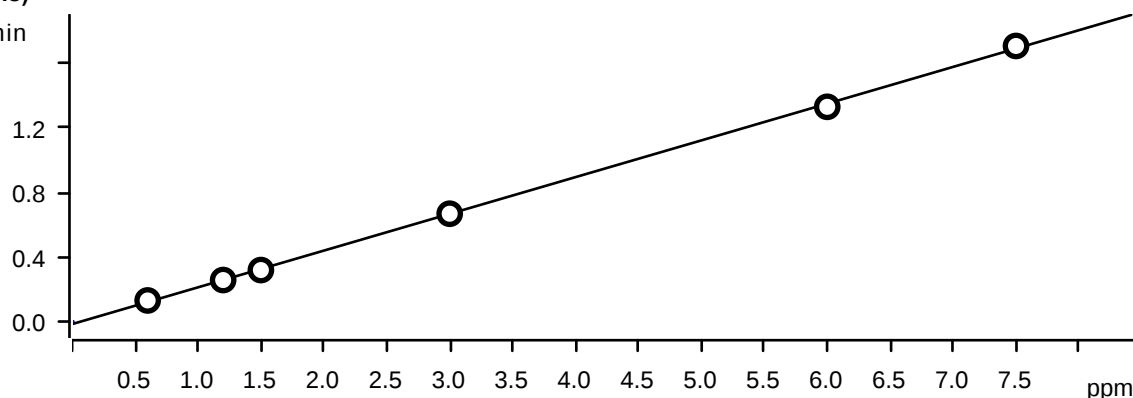
Function: $A = -4.66825E-3 + 0.0101843 \times Q$

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)

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

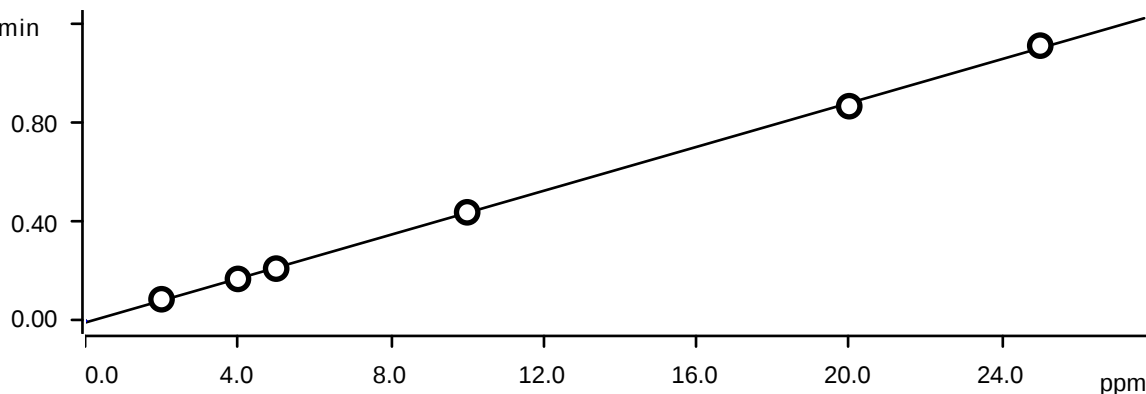


Function: $A = -0.0166933 + 0.0227623 \times Q$
 Relative standard deviation 1.905382 %
 Correlation coefficient 0.999811

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

Bromide (Anions)

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



Function: $A = -7.05131E-3 + 4.42168E-3 \times Q$

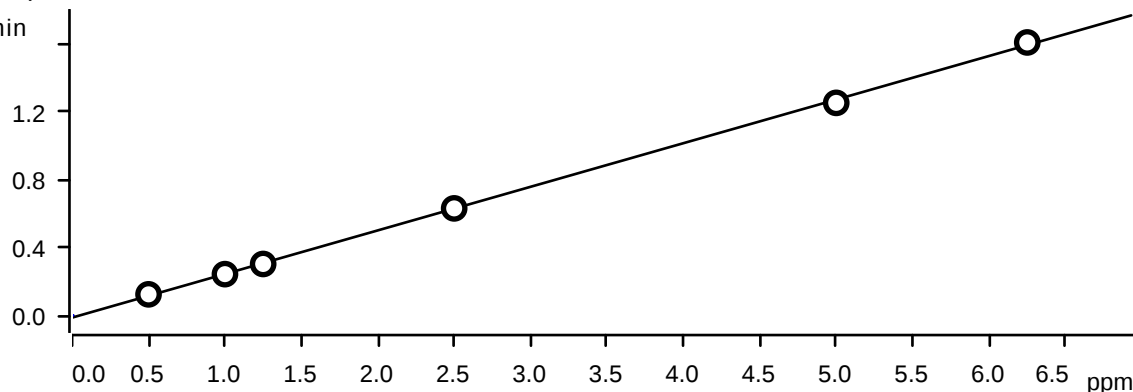
Relative standard deviation: 1.851347 %

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)

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



Function: $A = -0.0130270 + 0.0256654 \times Q$

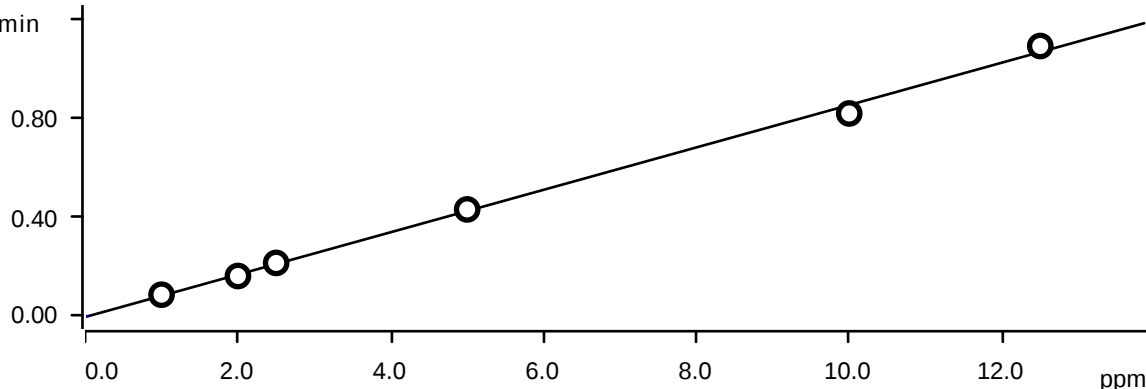
Relative standard deviation: 1.929849 %

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)

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

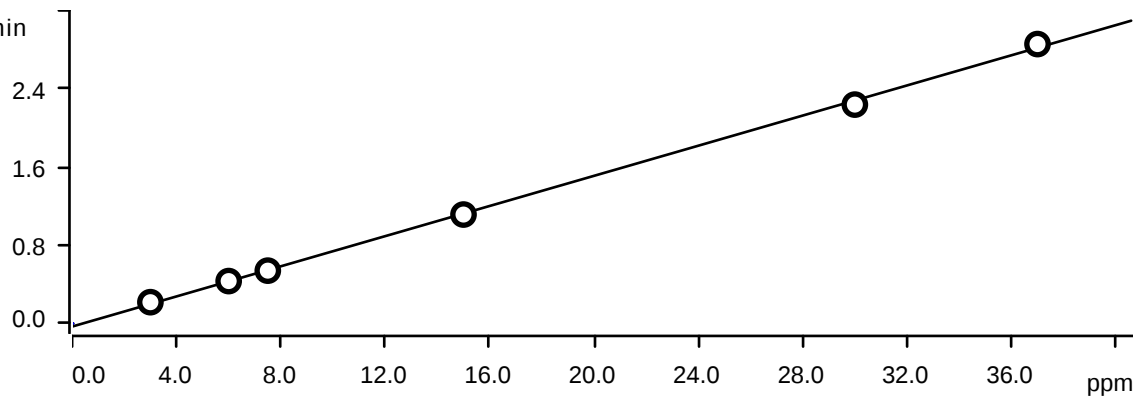


Function: $A = -3.61656E-3 + 8.53718E-3 \times Q$

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

Sulfate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0315238 + 7.70359E-3 \times Q$

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

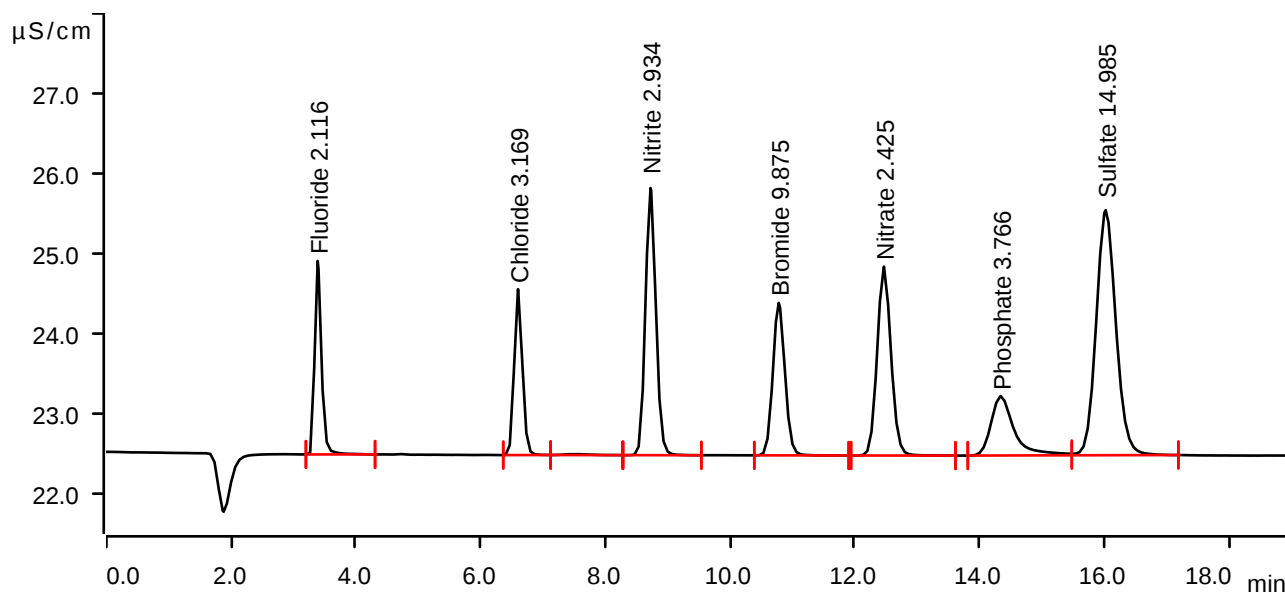
Sample data

Ident Q2425-01MS
 Sample type Sample
 Determination start 2025-06-26 10:49:04 UTC-4
 Method IC1-062325
 Operator

Anions

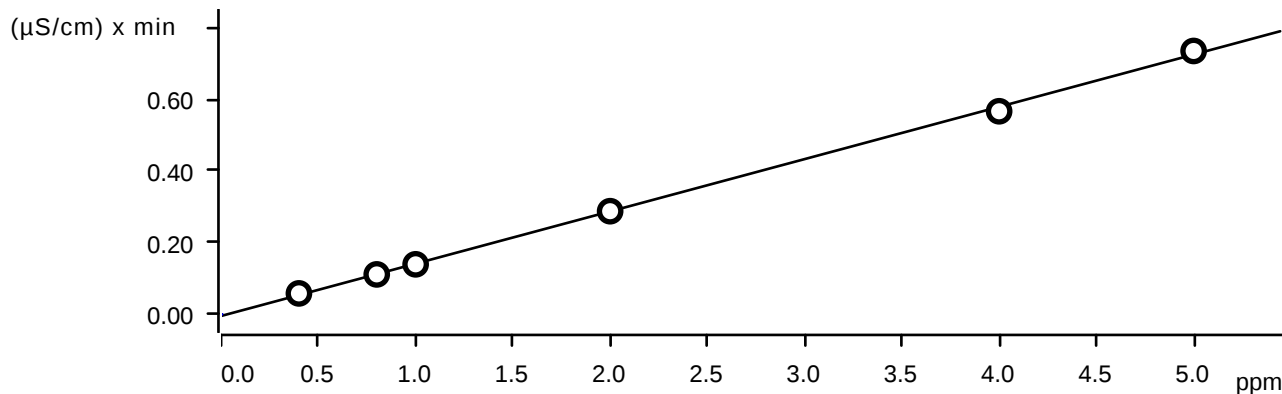
Data source Conductivity detector 1 (Eco IC 1)
 Channel Conductivity
 Recording time 19.0 min
 Integration Automatically
 Column type Metrosep A Supp 19 - 150/4.0
 Eluent composition not defined
 Flow 0.700 mL/min
 Maximum flow monitored yes
 Pressure 12.22 MPa
 Maximum pressure monitored yes
 Temperature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

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(μS/cm) x min	μS/cm	ppm	
1	3.388	0.3039	2.417	2.116	Fluoride
2	6.602	0.3180	2.072	3.169	Chloride
3	7.493	0.0052	0.011	invalid	
4	8.725	0.6511	3.339	2.934	Nitrite
5	10.780	0.4296	1.905	9.875	Bromide
6	12.465	0.6093	2.359	2.425	Nitrate
7	14.338	0.3179	0.742	3.766	Phosphate
8	16.022	1.1228	3.062	14.985	Sulfate

Fluoride (Anions)



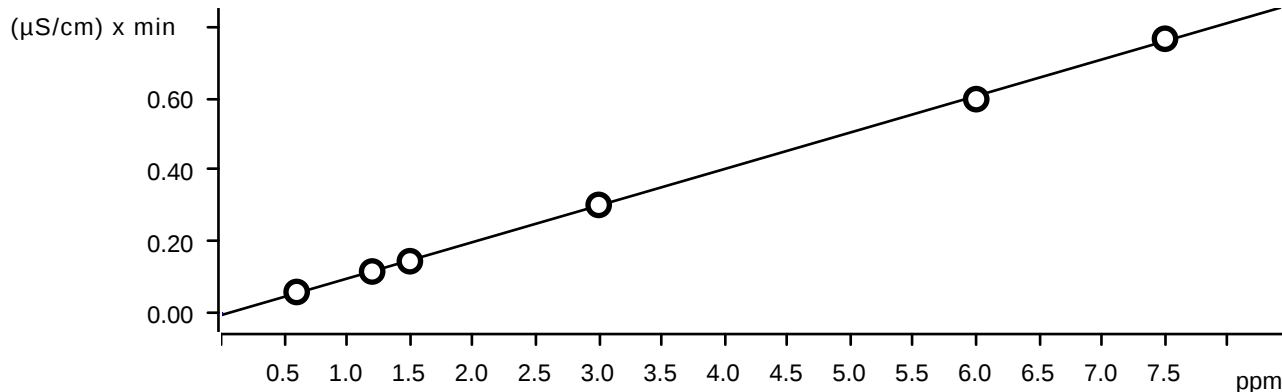
Function: $A = -4.55276\text{E-}3 + 0.0145788 \times Q$

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)



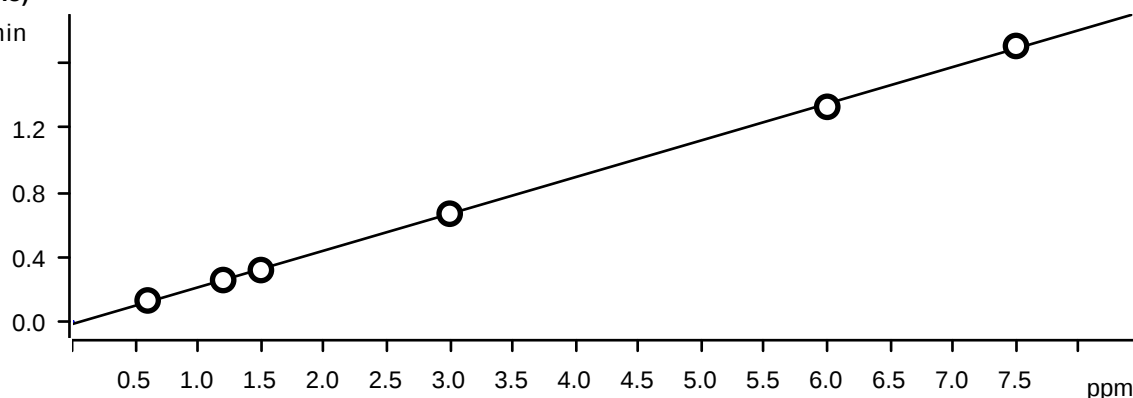
Function: $A = -4.66825\text{E-}3 + 0.0101843 \times Q$

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)

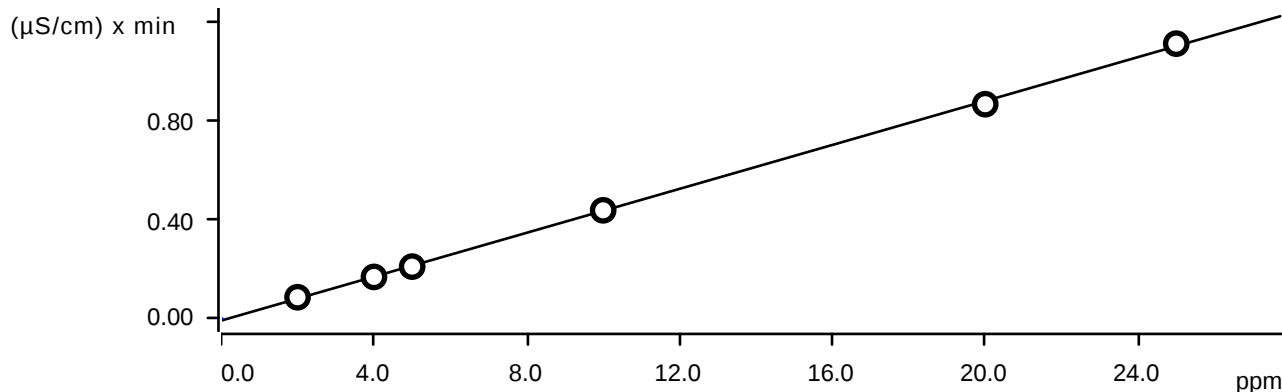
($\mu\text{S/cm}$) $\times$ min



Function: $A = -0.0166933 + 0.0227623 \times Q$
 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

Bromide (Anions)



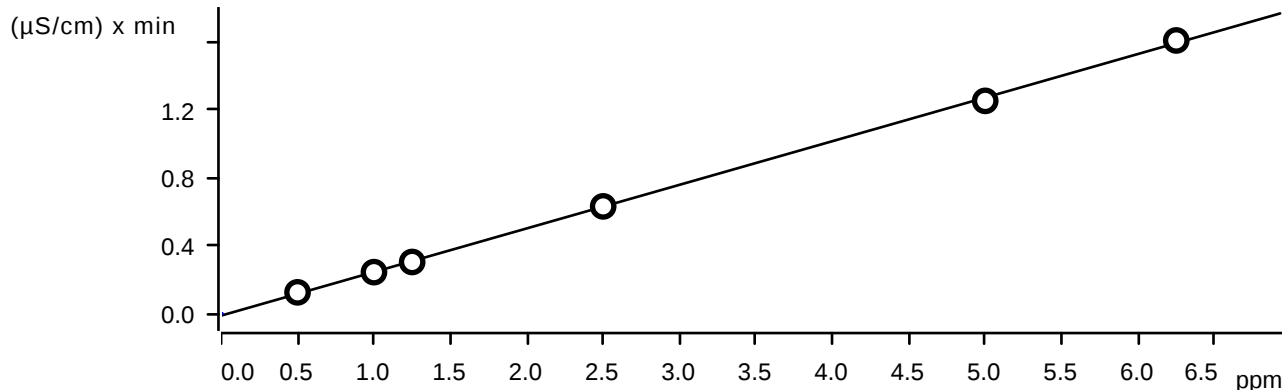
Function: $A = -7.05131E-3 + 4.42168E-3 \times Q$

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: $A = -0.0130270 + 0.0256654 \times Q$

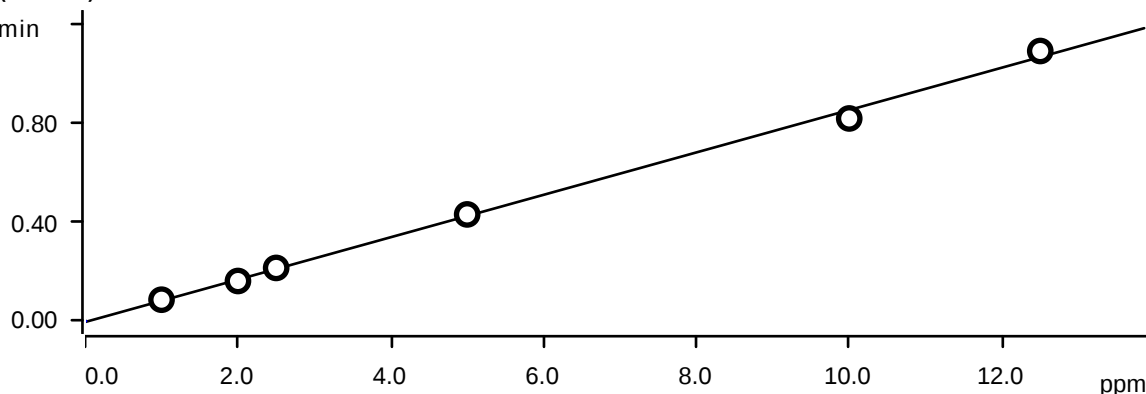
Relative standard deviation 1.929849 %

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)

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

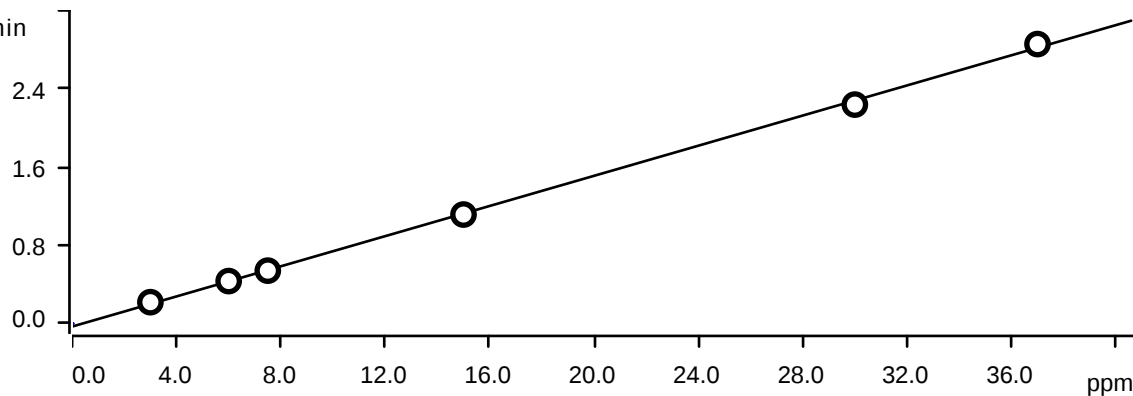


Function: $A = -3.61656E-3 + 8.53718E-3 \times Q$

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

Sulfate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0315238 + 7.70359E-3 \times Q$

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

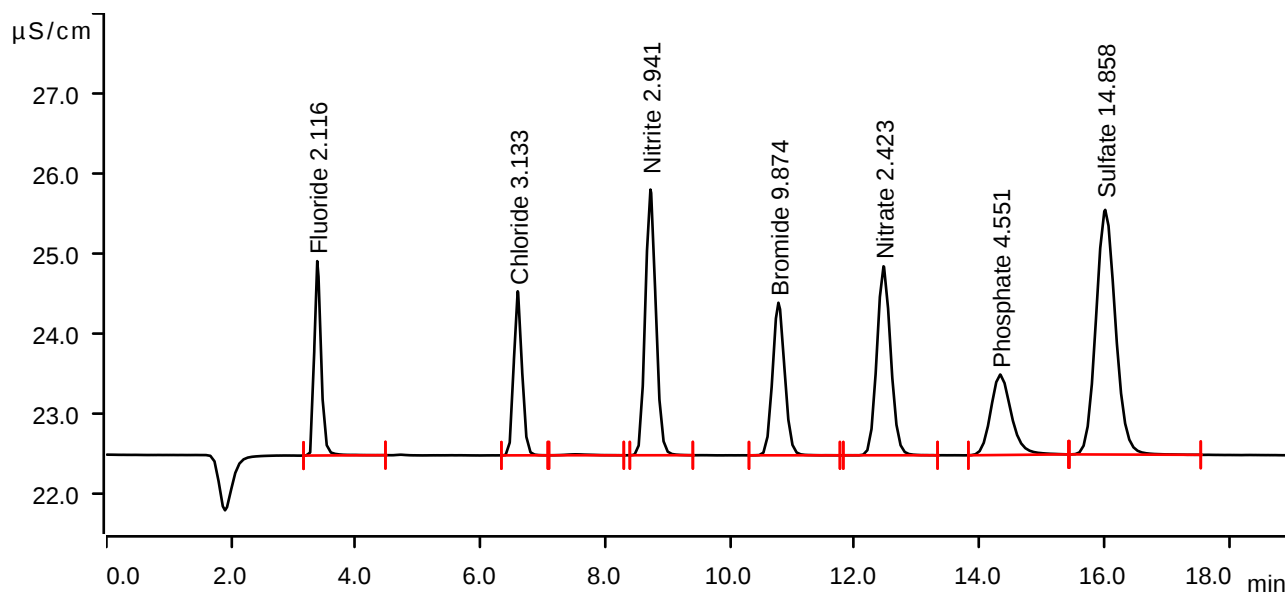
Sample data

Ident Q2425-01MSD
Sample type Sample
Determination start 2025-06-26 11:10:37 UTC-4
Method IC1-062325
Operator

Anions

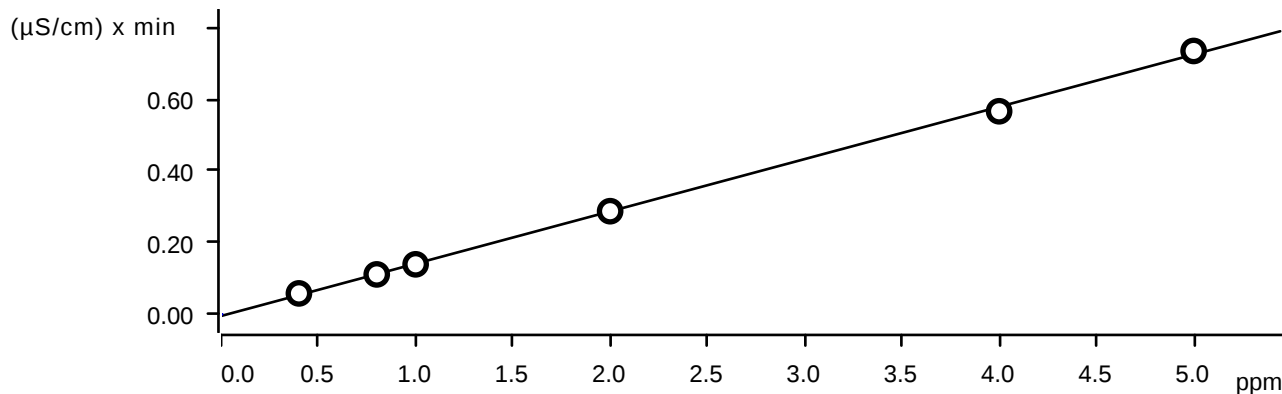
Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.27 MPa
Maximum pressure monitored yes
Temperature ----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

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.382	0.3039	2.428	2.116	Fluoride
2	6.595	0.3144	2.050	3.133	Chloride
3	7.512	0.0053	0.012	invalid	
4	8.723	0.6529	3.320	2.941	Nitrite
5	10.775	0.4296	1.907	9.874	Bromide
6	12.460	0.6088	2.361	2.423	Nitrate
7	14.330	0.3849	1.005	4.551	Phosphate
8	16.015	1.1131	3.057	14.858	Sulfate

Fluoride (Anions)



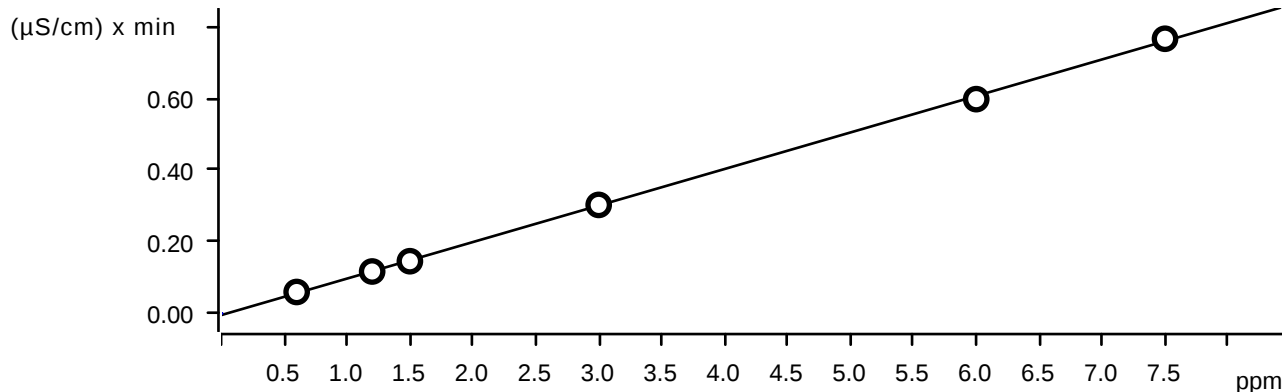
Function: $A = -4.55276\text{E-}3 + 0.0145788 \times Q$

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

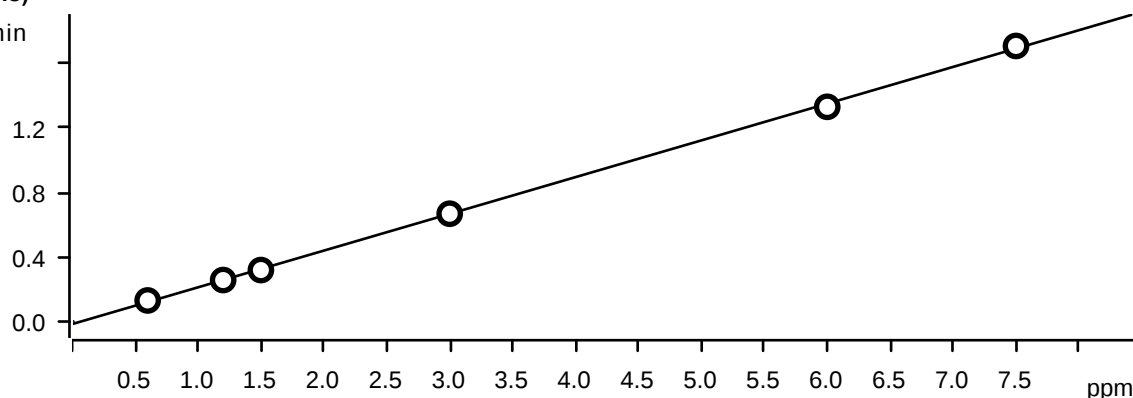
Chloride (Anions)



Function: $A = -4.66825\text{E-}3 + 0.0101843 \times Q$

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

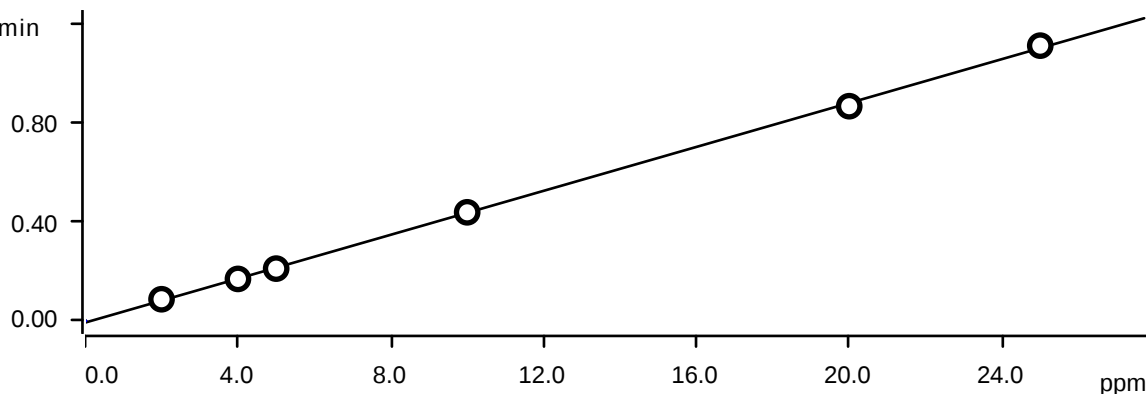
Nitrite (Anions) $(\mu\text{S/cm}) \times \text{min}$ 

Function: $A = -0.0166933 + 0.0227623 \times Q$
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

Bromide (Anions)

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



Function: $A = -7.05131E-3 + 4.42168E-3 \times Q$

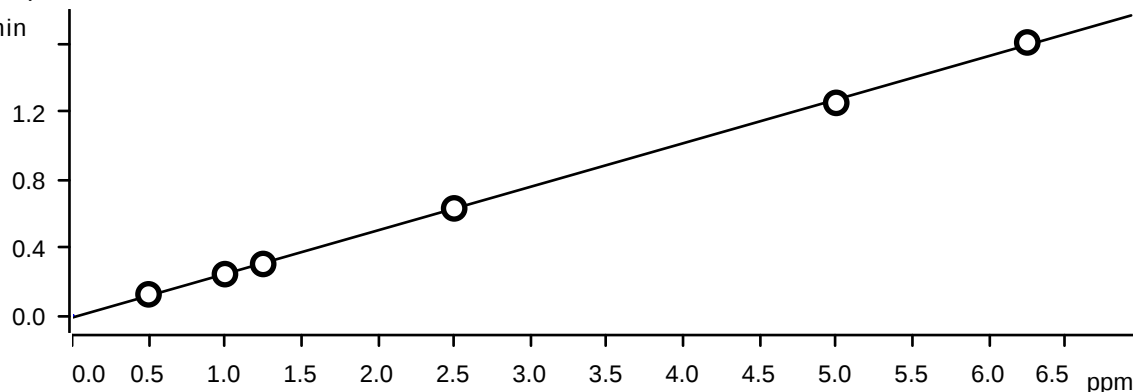
Relative standard deviation 1.851347 %

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)

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

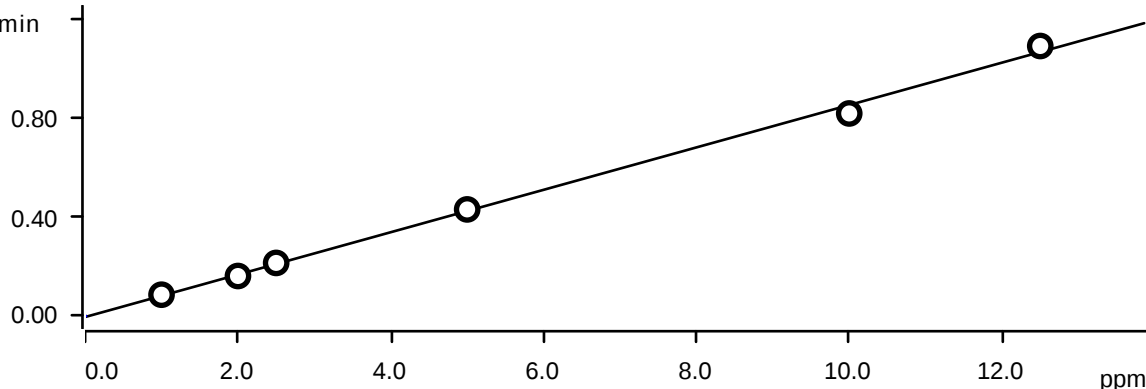


Function: $A = -0.0130270 + 0.0256654 \times Q$

Relative standard deviation 1.929849 %

Correlation coefficient 0.999804

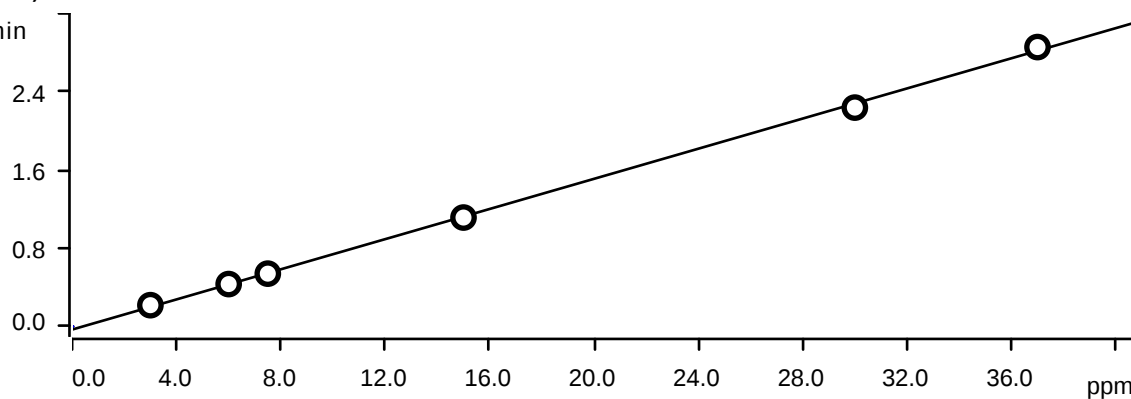
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.124	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.243	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 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) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -3.61656E-3 + 8.53718E-3 \times Q$

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

Sulfate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0315238 + 7.70359E-3 \times Q$

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

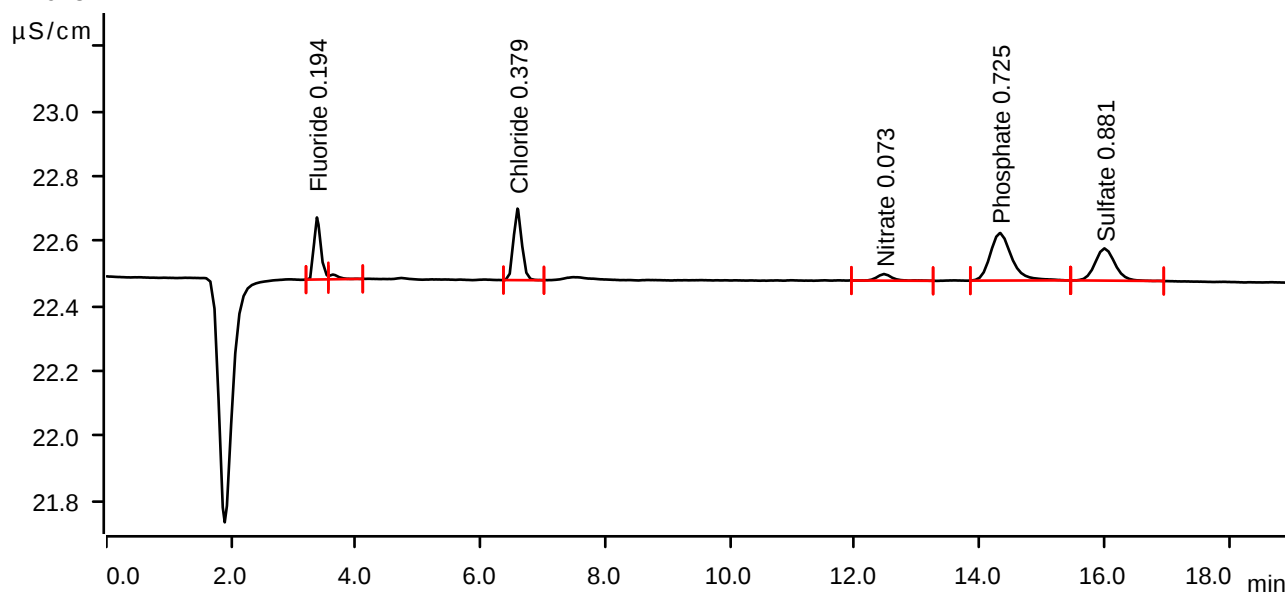
Sample data

Ident Q2425-02
Sample type Sample
Determination start 2025-06-26 11:32:11 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

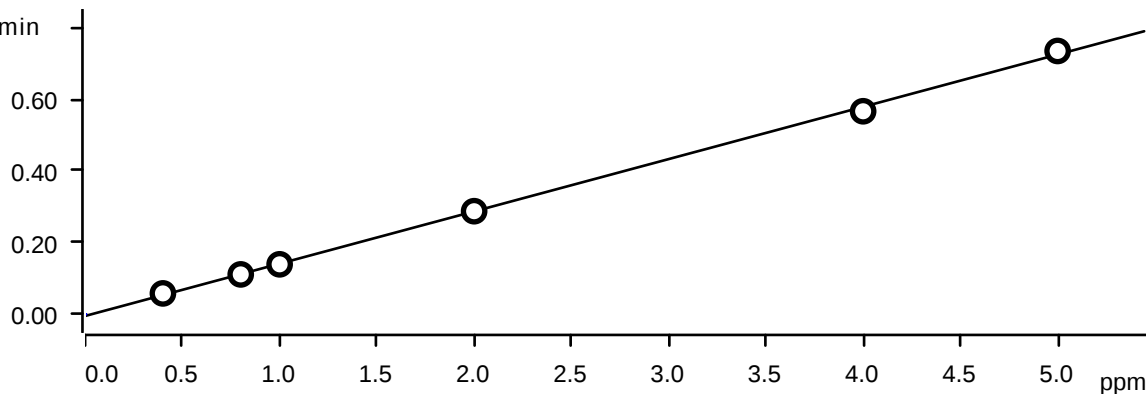
Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	3.377	0.0238	0.191	0.194	Fluoride
2	3.635	0.0025	0.014	invalid	
3	6.592	0.0339	0.220	0.379	Chloride
4	12.468	0.0057	0.020	0.073	Nitrate
5	14.327	0.0583	0.146	0.725	Phosphate
6	16.003	0.0364	0.099	0.881	Sulfate

Fluoride (Anions)

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



Function: $A = -4.55276\text{E-}3 + 0.0145788 \times Q$

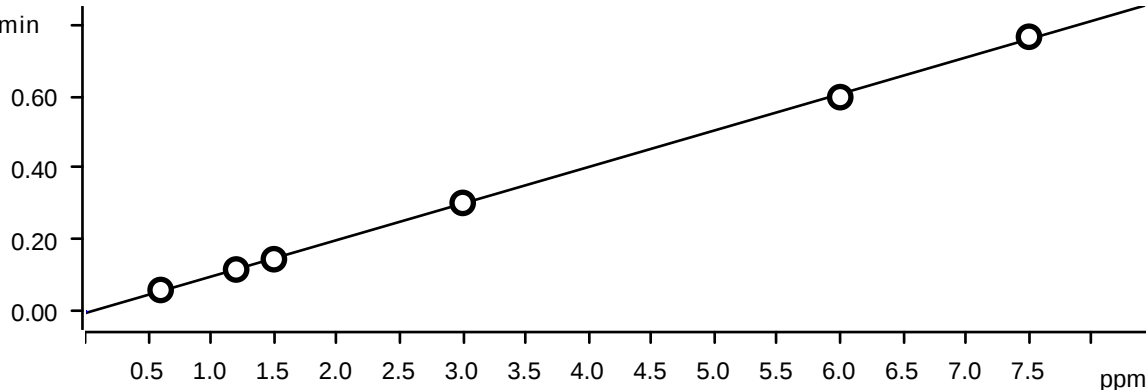
Relative standard deviation 2.633289 %

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)

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



Function: $A = -4.66825\text{E-}3 + 0.0101843 \times Q$

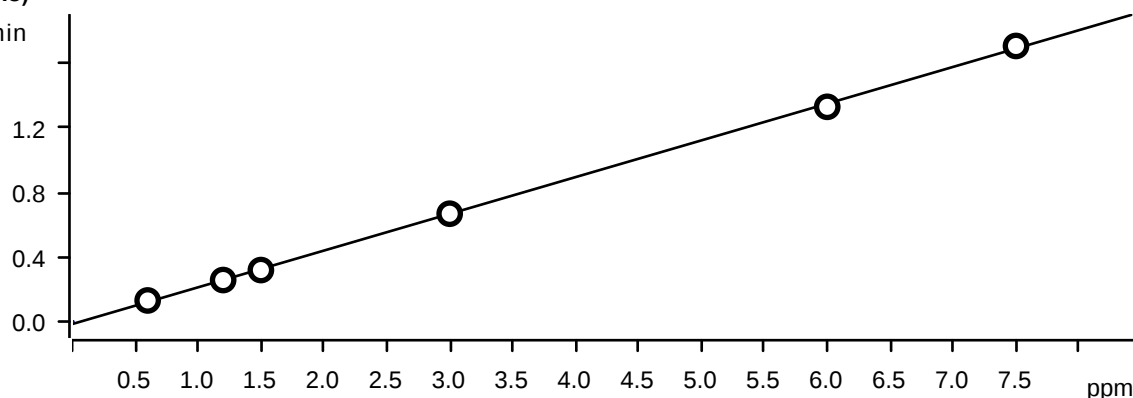
Relative standard deviation 1.824872 %

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)

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



Function: $A = -0.0166933 + 0.0227623 \times Q$

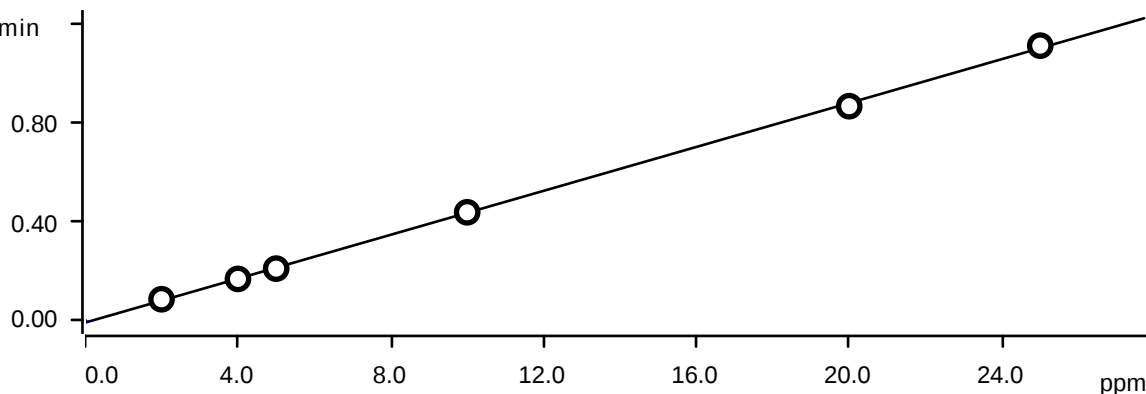
Relative standard deviation 1.905382 %

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

Bromide (Anions)

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



Function: $A = -7.05131E-3 + 4.42168E-3 \times Q$

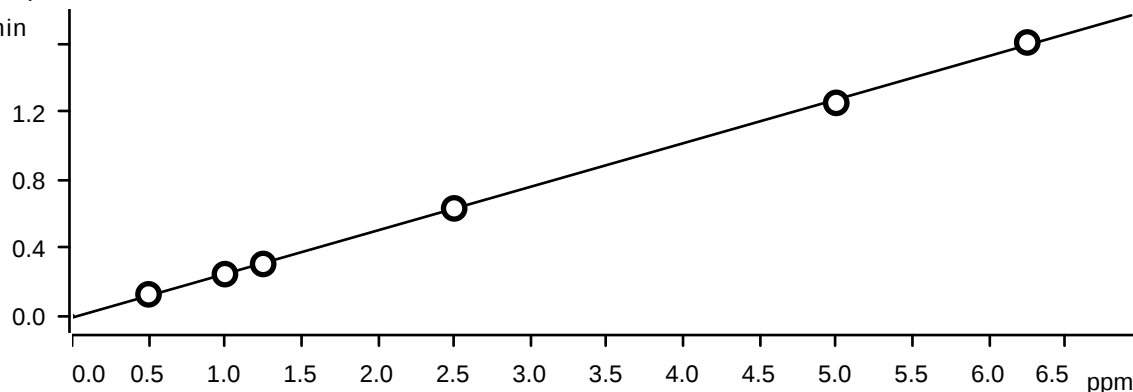
Relative standard deviation: 1.851347 %

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)

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

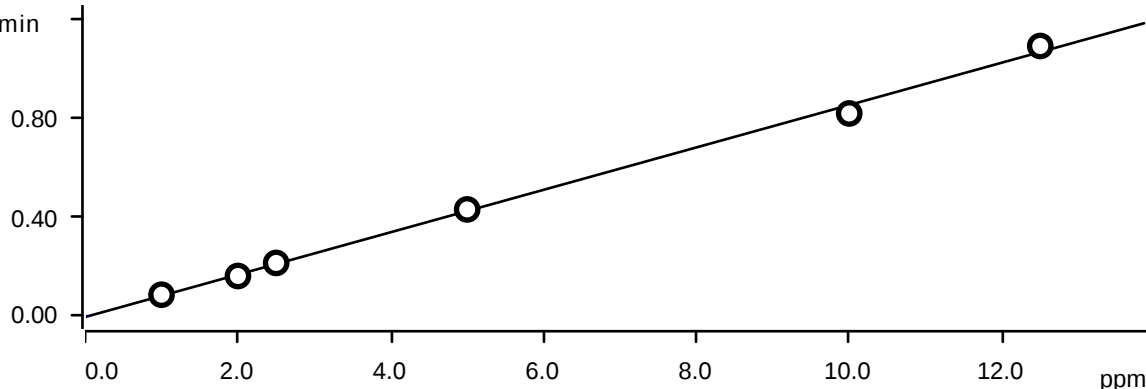


Function: $A = -0.0130270 + 0.0256654 \times Q$

Relative standard deviation: 1.929849 %

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

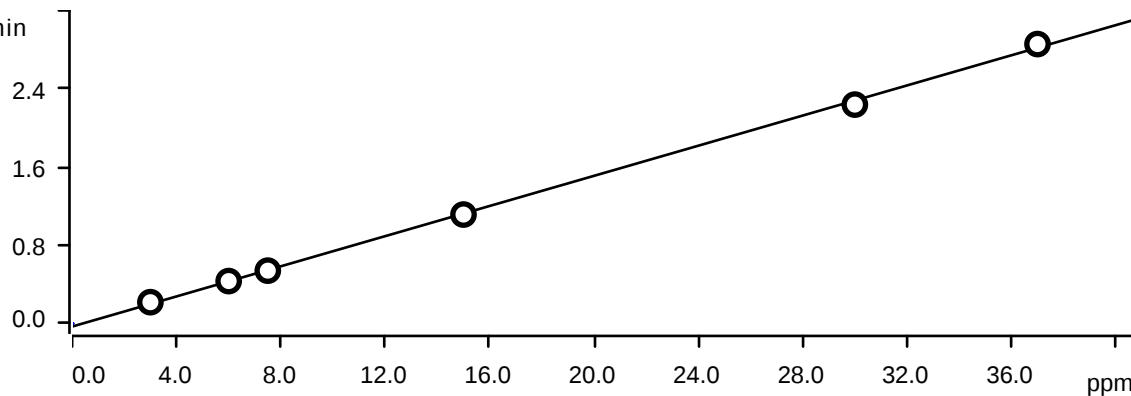
Phosphate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -3.61656E-3 + 8.53718E-3 \times Q$

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

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0315238 + 7.70359E-3 \times Q$

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

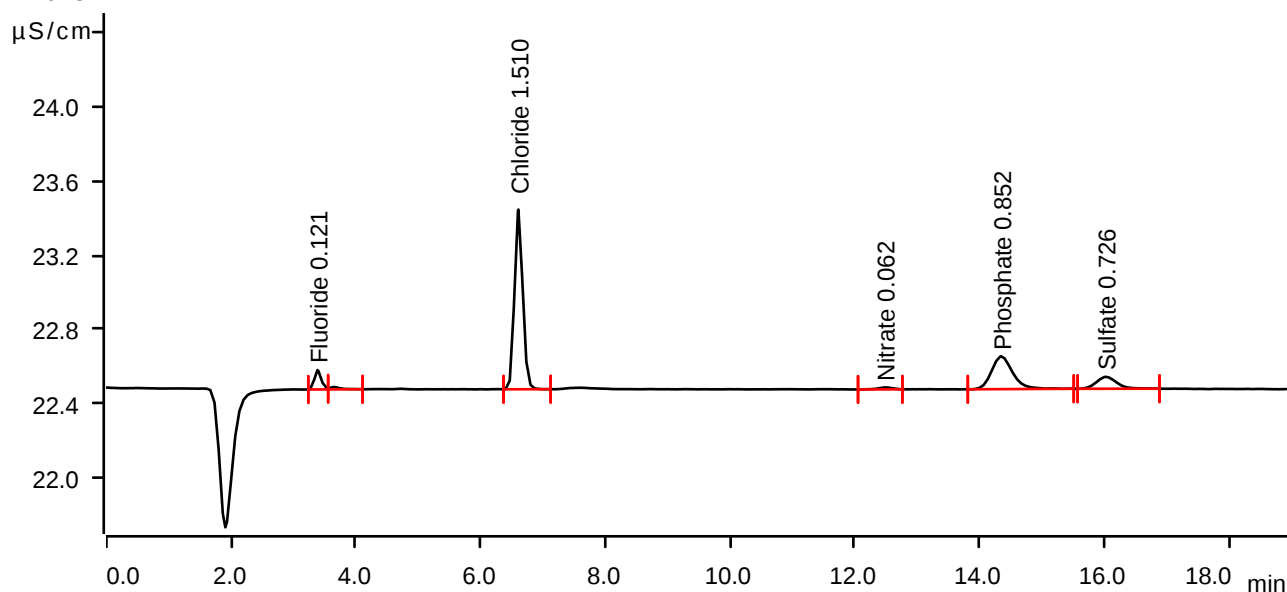
Sample data

Ident Q2425-03
Sample type Sample
Determination start 2025-06-26 11:53:45 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

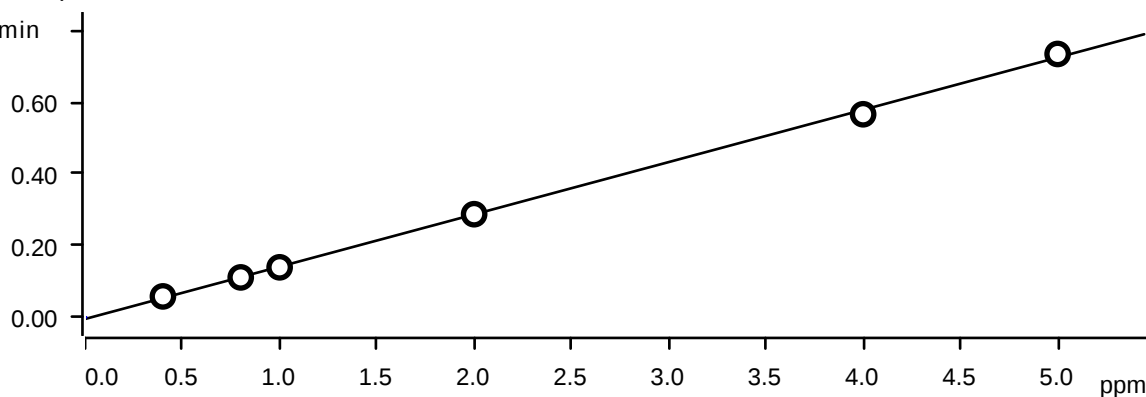
Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	3.385	0.0131	0.105	0.121	Fluoride
2	3.645	0.0025	0.013	invalid	
3	6.607	0.1491	0.967	1.510	Chloride
4	12.477	0.0029	0.010	0.062	Nitrate
5	14.345	0.0691	0.177	0.852	Phosphate
6	16.020	0.0244	0.064	0.726	Sulfate

Fluoride (Anions)

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



Function: $A = -4.55276\text{E-}3 + 0.0145788 \times Q$

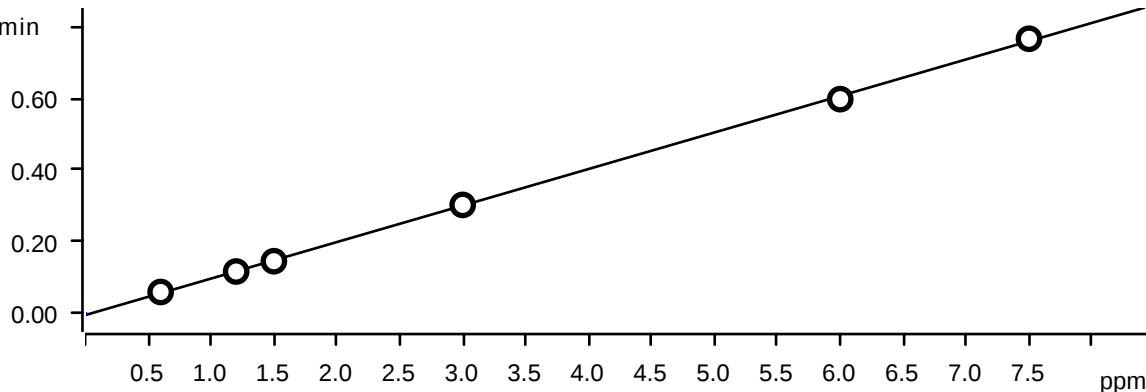
Relative standard deviation 2.633289 %

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)

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



Function: $A = -4.66825\text{E-}3 + 0.0101843 \times Q$

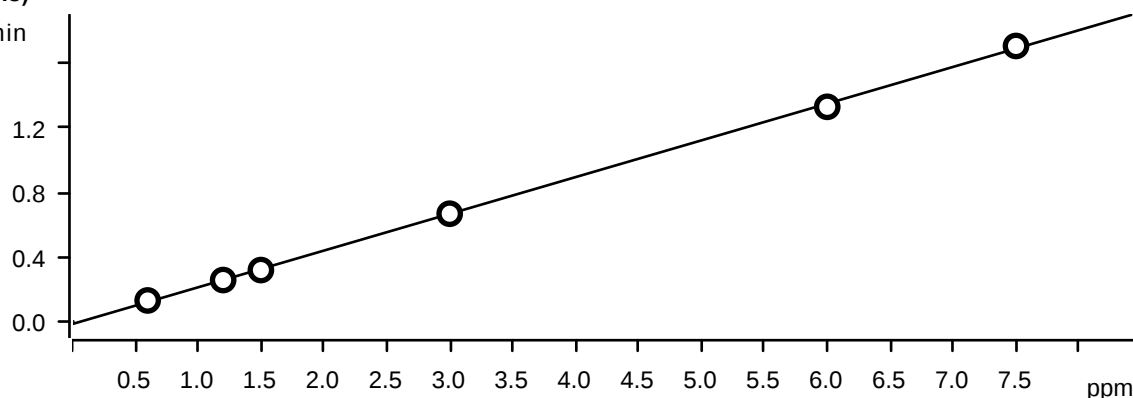
Relative standard deviation 1.824872 %

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)

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



Function: $A = -0.0166933 + 0.0227623 \times Q$

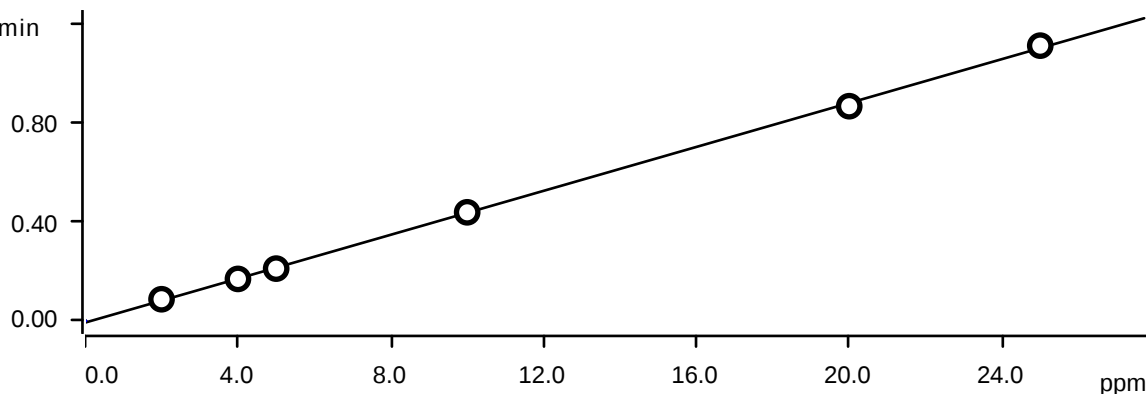
Relative standard deviation 1.905382 %

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

Bromide (Anions)

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



Function: $A = -7.05131E-3 + 4.42168E-3 \times Q$

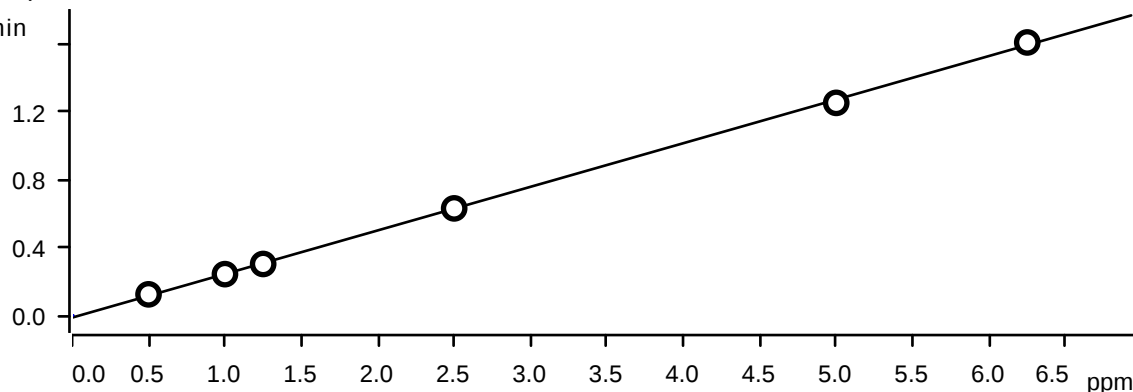
Relative standard deviation: 1.851347 %

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)

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



Function: $A = -0.0130270 + 0.0256654 \times Q$

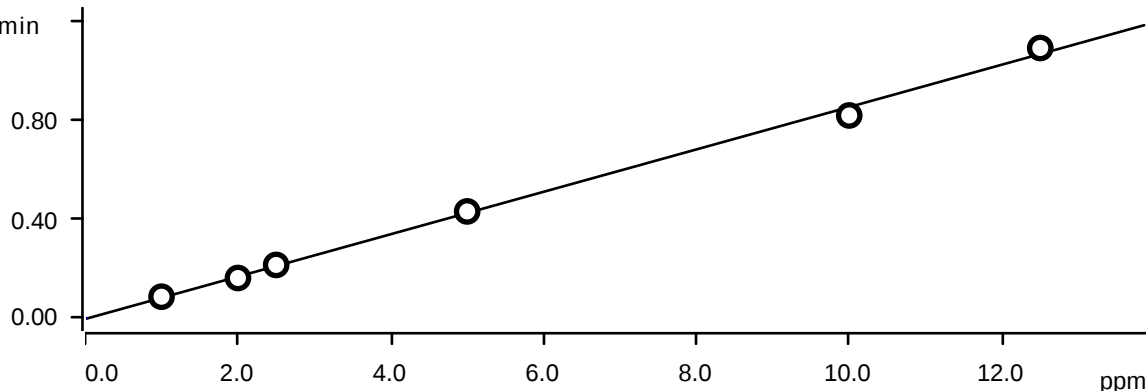
Relative standard deviation: 1.929849 %

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)

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

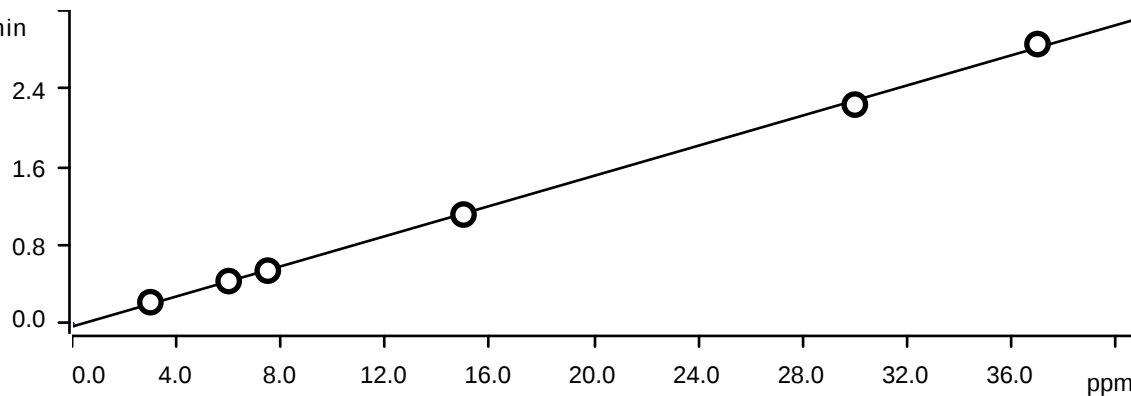


Function: $A = -3.61656E-3 + 8.53718E-3 \times Q$

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

Sulfate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0315238 + 7.70359E-3 \times Q$

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

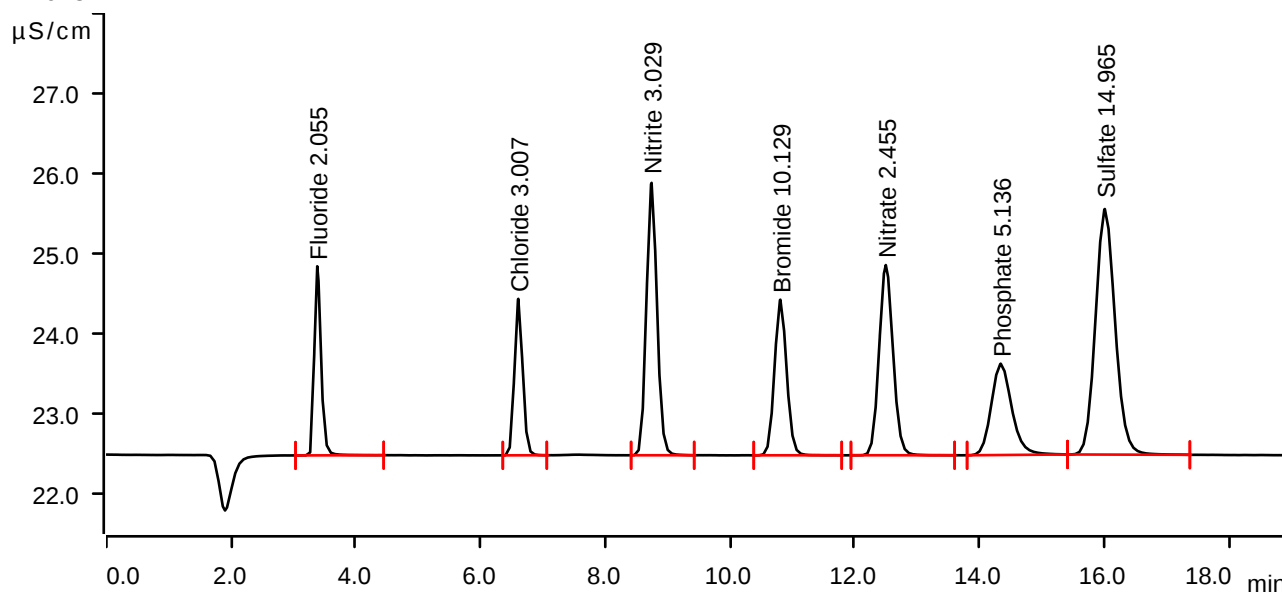
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-06-26 12:15:19 UTC-4
Method IC1-062325
Operator

Anions

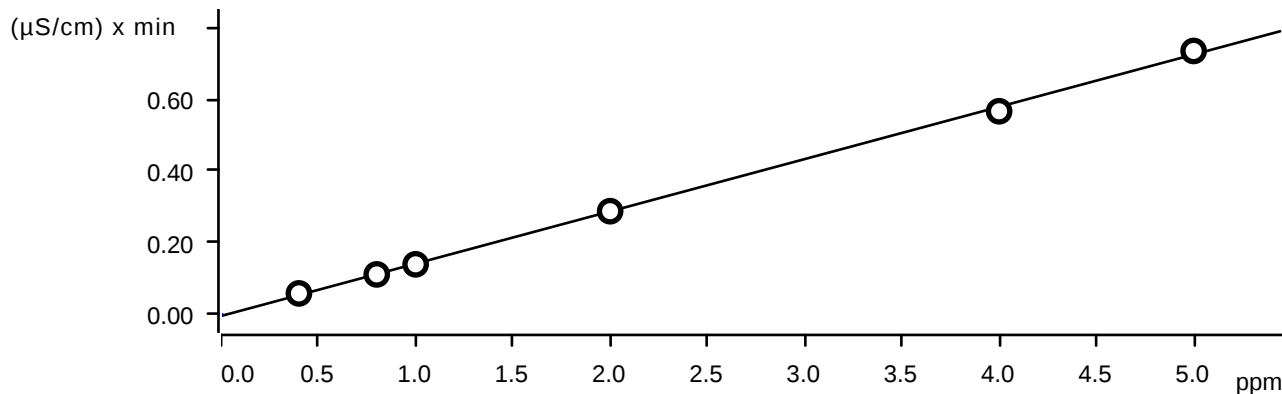
Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.27 MPa
Maximum pressure monitored yes
Temperature ----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

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	3.382	0.2951	2.362	2.055	Fluoride
2	6.605	0.3016	1.955	3.007	Chloride
3	8.742	0.6728	3.404	3.029	Nitrite
4	10.807	0.4408	1.944	10.129	Bromide
5	12.497	0.6171	2.377	2.455	Nitrate
6	14.340	0.4348	1.140	5.136	Phosphate
7	16.008	1.1213	3.068	14.965	Sulfate

Fluoride (Anions)



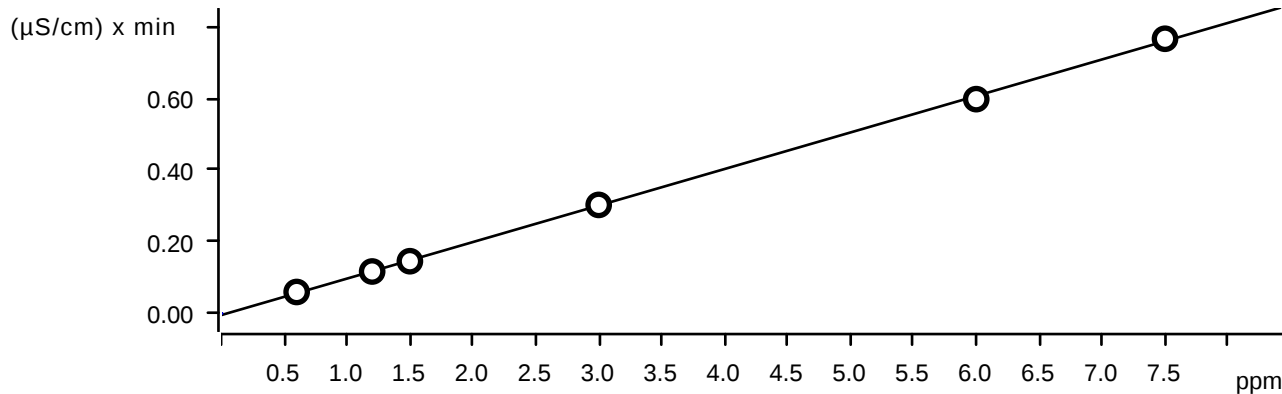
Function: $A = -4.55276E-3 + 0.0145788 \times Q$

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

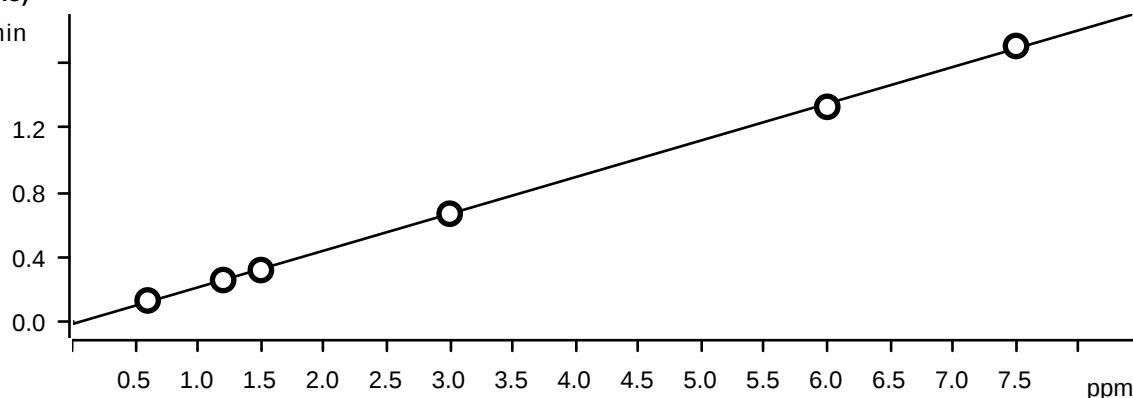
Chloride (Anions)



Function: $A = -4.66825E-3 + 0.0101843 \times Q$

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

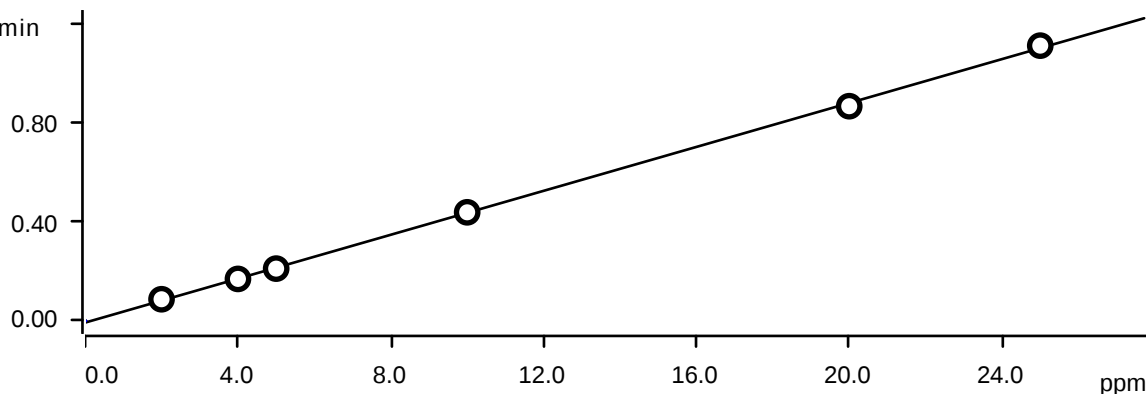
Nitrite (Anions) $(\mu\text{S/cm}) \times \text{min}$ 

Function: $A = -0.0166933 + 0.0227623 \times Q$
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

Bromide (Anions)

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



Function: $A = -7.05131E-3 + 4.42168E-3 \times Q$

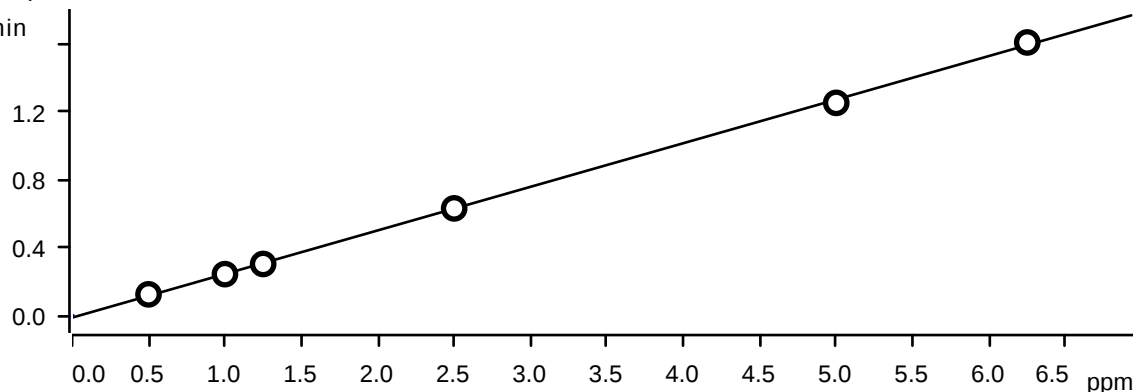
Relative standard deviation: 1.851347 %

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)

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



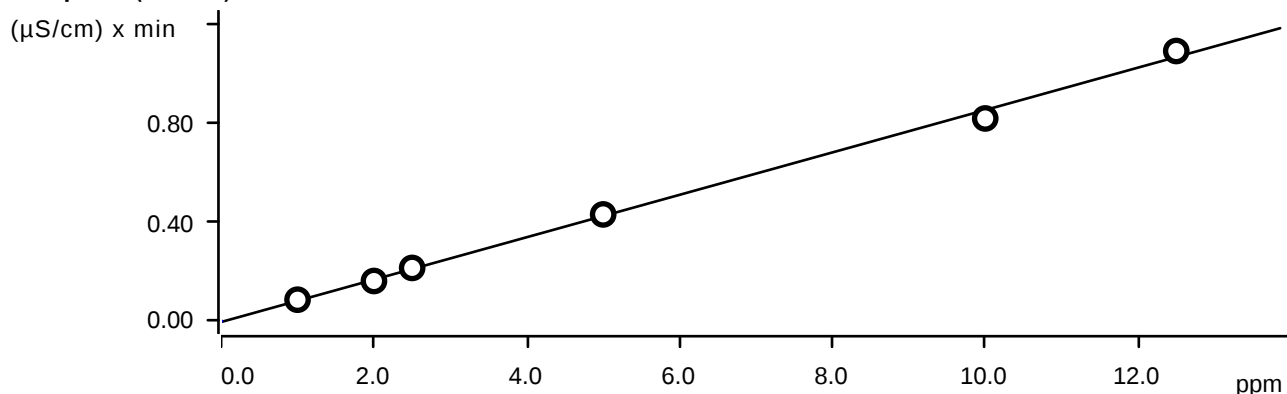
Function: $A = -0.0130270 + 0.0256654 \times Q$

Relative standard deviation: 1.929849 %

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)

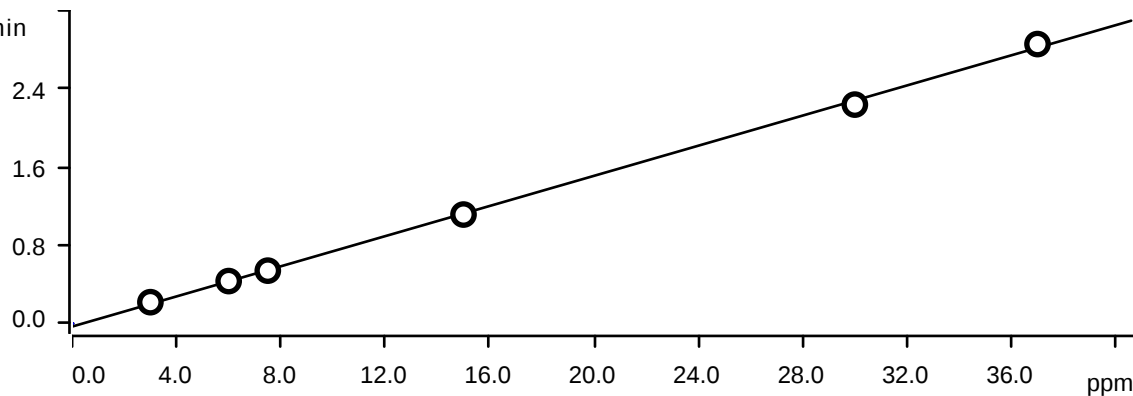


Function: $A = -3.61656E-3 + 8.53718E-3 \times Q$

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

Sulfate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0315238 + 7.70359E-3 \times Q$

Relative standard deviation 2.454303 %

Correlation coefficient 0.999685

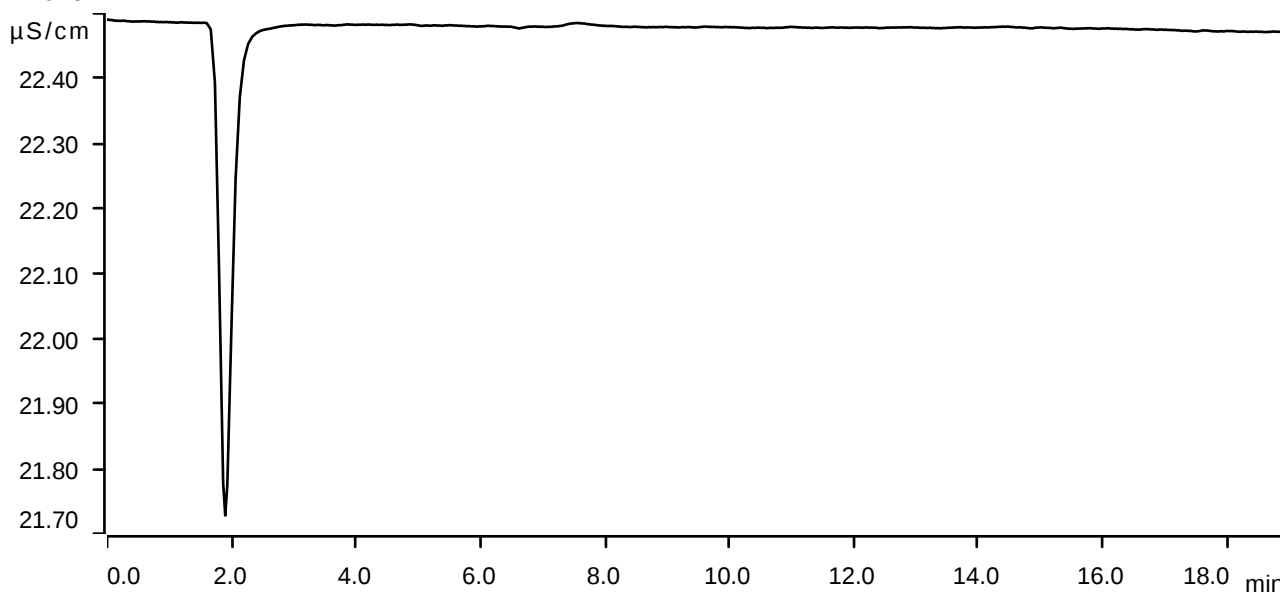
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-06-23 15:17:36 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.218	STD2	2025-06-23 15:38:59 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.434	STD3	2025-06-23 16:00:23 UTC-4	used
Standard 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

Sample data

Ident CCB
Sample type Sample
Determination start 2025-06-26 12:36:49 UTC-4
Method IC1-062325
Operator

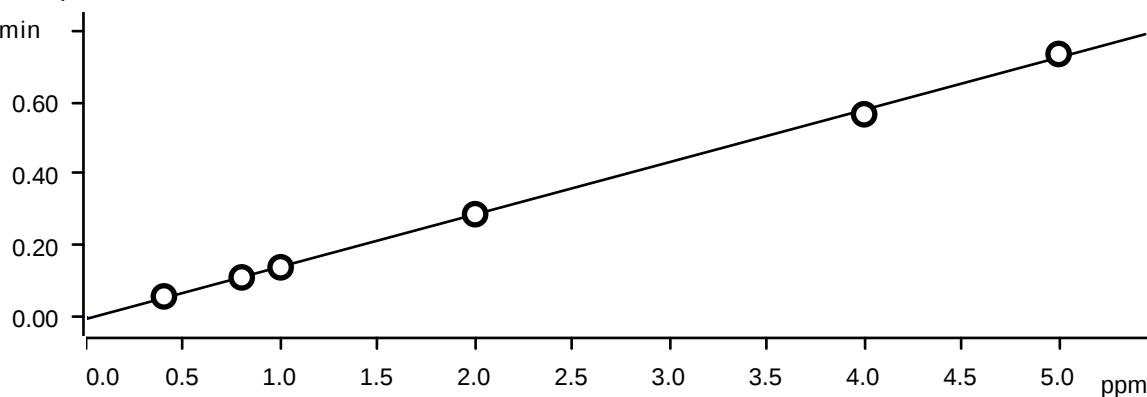
Anions

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 12.27 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

Fluoride (Anions)

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



Function: $A = -4.55276\text{E-}3 + 0.0145788 \times Q$

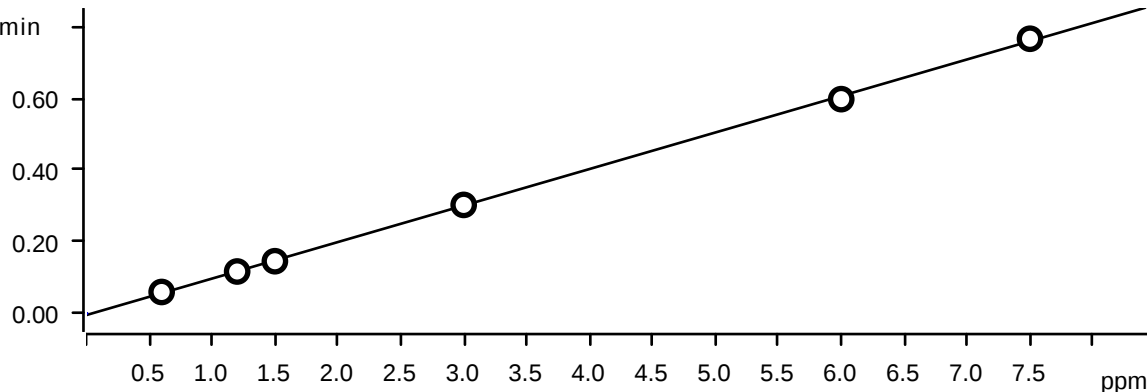
Relative standard deviation 2.633289 %

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)

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



Function: $A = -4.66825\text{E-}3 + 0.0101843 \times Q$

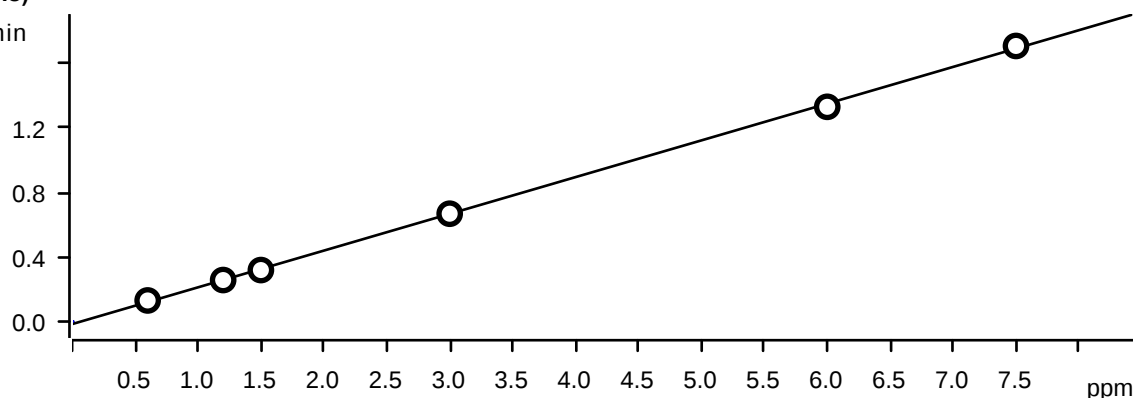
Relative standard deviation 1.824872 %

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)

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



Function: $A = -0.0166933 + 0.0227623 \times Q$

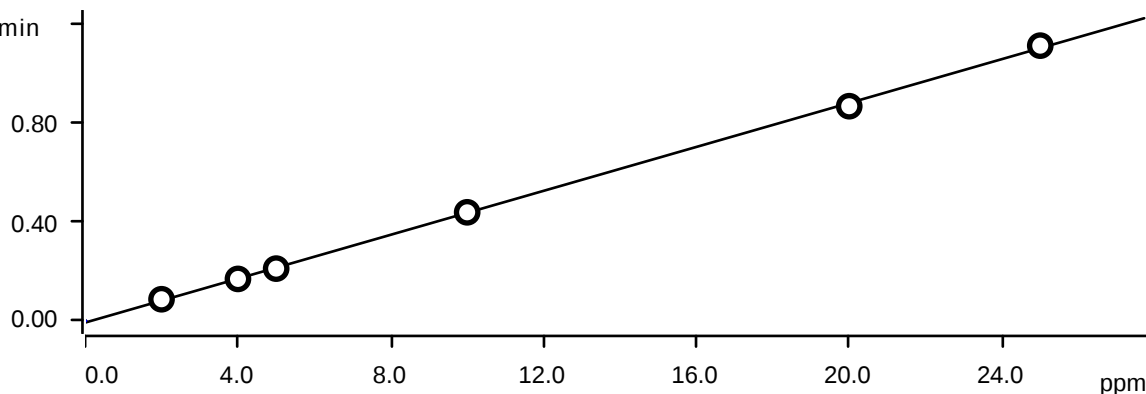
Relative standard deviation 1.905382 %

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

Bromide (Anions)

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



Function: $A = -7.05131E-3 + 4.42168E-3 \times Q$

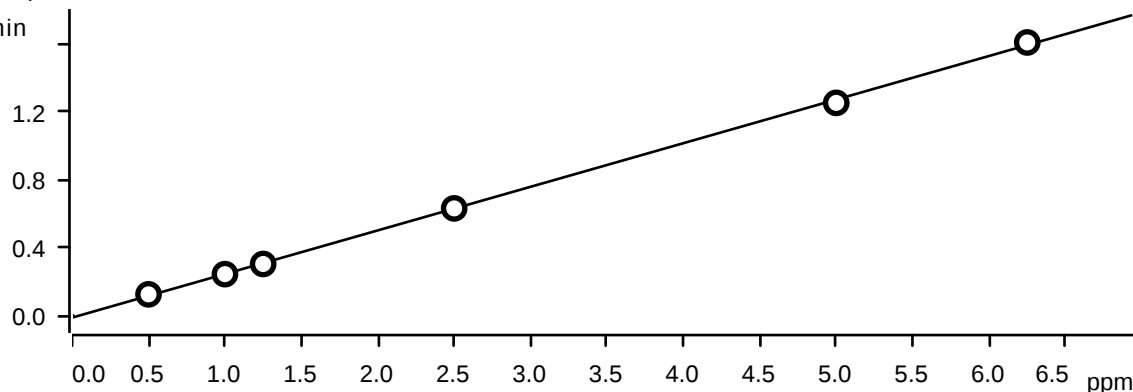
Relative standard deviation: 1.851347 %

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)

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



Function: $A = -0.0130270 + 0.0256654 \times Q$

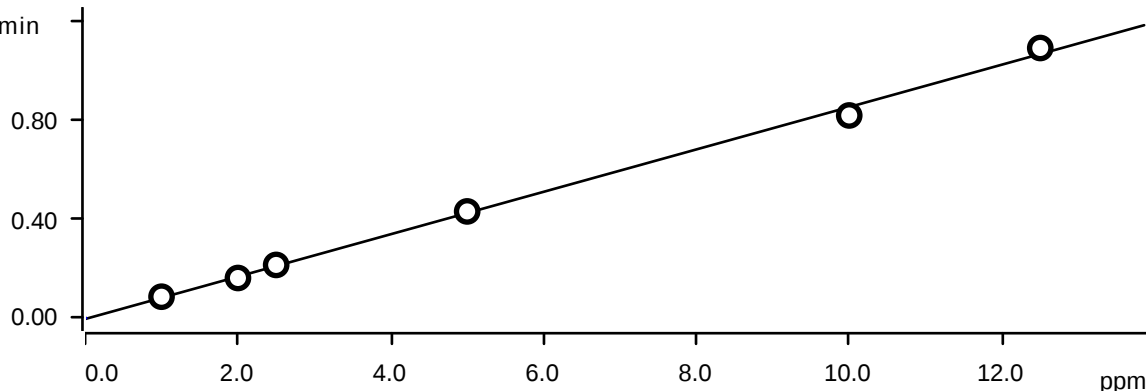
Relative standard deviation: 1.929849 %

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)

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

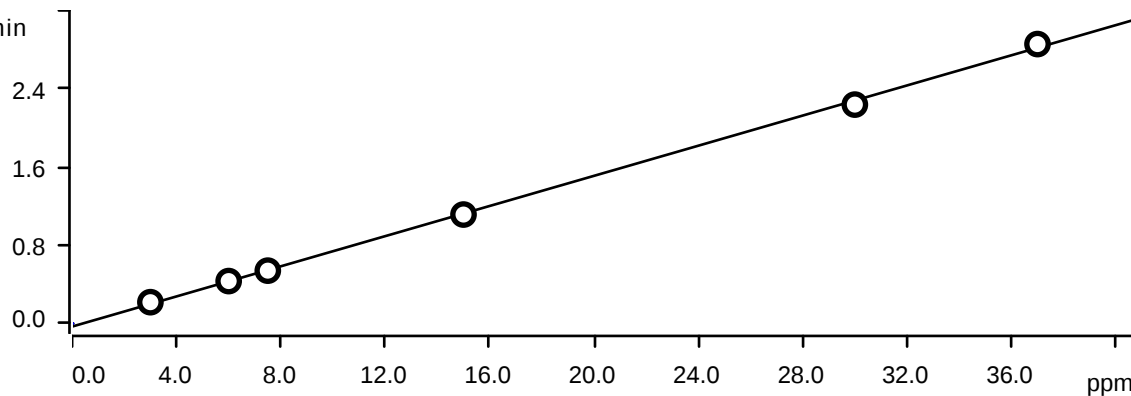


Function: $A = -3.61656E-3 + 8.53718E-3 \times Q$

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

Sulfate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0315238 + 7.70359E-3 \times Q$

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