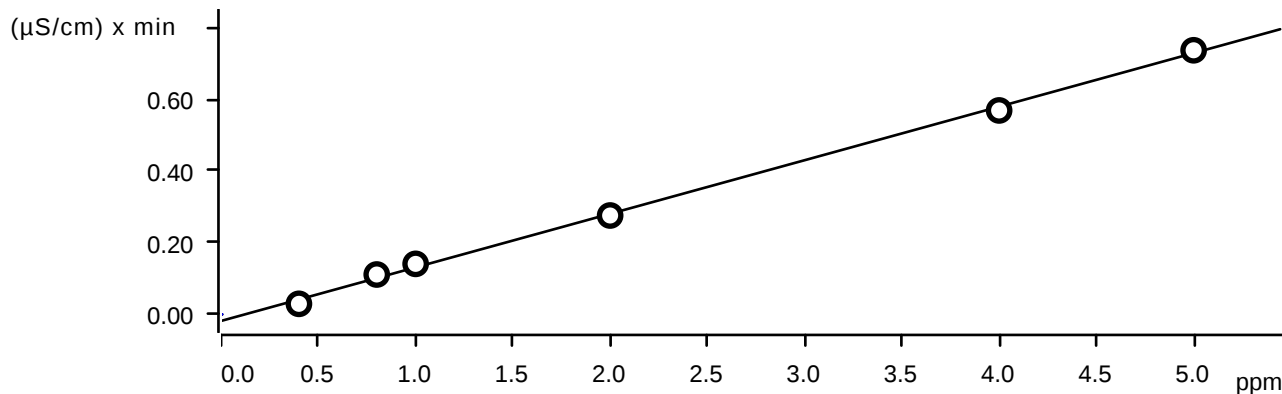


| Ident       | Con F- | Con CL- | Con NO2 | Con BR- | Con NO3 | Con HPO4 | Con SO4 | Method name | date time        | wt/Fir | Analyst |
|-------------|--------|---------|---------|---------|---------|----------|---------|-------------|------------------|--------|---------|
| STD1        | 0      | 0       | 0       | 0       | 0       | 0        | 0       | IC1-121824  | 12/18/2024 10:39 | 10     | NF/IZ   |
| STD2        | 0.319  | 0.475   | 0.485   | 1.586   | 0.405   | 0.794    | 2.525   | IC1-121824  | 12/18/2024 11:00 | 10     | NF/IZ   |
| STD3        | 0.867  | 1.29    | 1.286   | 4.307   | 1.073   | 2.153    | 6.454   | IC1-121824  | 12/18/2024 11:22 | 10     | NF/IZ   |
| STD4        | 1.065  | 1.59    | 1.587   | 5.29    | 1.327   | 2.68     | 7.947   | IC1-121824  | 12/18/2024 11:43 | 10     | NF/IZ   |
| STD5        | 1.968  | 2.98    | 2.975   | 9.935   | 2.472   | 4.928    | 14.761  | IC1-121824  | 12/18/2024 12:04 | 10     | NF/IZ   |
| STD6        | 3.929  | 5.897   | 5.891   | 19.65   | 4.906   | 9.805    | 29.16   | IC1-121824  | 12/18/2024 12:26 | 10     | NF/IZ   |
| STD7        | 5.052  | 7.568   | 7.575   | 25.23   | 6.317   | 12.641   | 37.652  | IC1-121824  | 12/18/2024 12:47 | 10     | NF/IZ   |
| ICV         | 2.021  | 3.088   | 3.087   | 10.28   | 2.565   | 5.117    | 15.271  | IC1-121824  | 12/18/2024 13:09 | 10     | NF/IZ   |
| ICB         | 0      | 0       | 0       | 0       | 0       | 0        | 0       | IC1-121824  | 12/18/2024 13:30 | 10     | NF/IZ   |
| CCV         | 2.065  | 3.141   | 3.111   | 10.43   | 2.6     | 5.262    | 15.514  | IC1-121824  | 12/26/2024 13:07 | 10     | NF/IZ   |
| CCB         | 0      | 0       | 0       | 0       | 0       | 0        | 0       | IC1-121824  | 12/26/2024 13:28 | 10     | NF/IZ   |
| LB134097BLW | 0      | 0       | 0       | 0       | 0       | 0        | 0       | IC1-121824  | 12/26/2024 14:59 | 10     | NF/IZ   |
| LB134097BSW | 2.112  | 3.137   | 3.127   | 10.49   | 2.608   | 5.366    | 15.576  | IC1-121824  | 12/26/2024 15:21 | 10     | NF/IZ   |
| P5386-05    | 0.23   | 220.47  | 0.582   | 0.74    | 0.813   | 0        | 29.182  | IC1-121824  | 12/26/2024 15:42 | 10     | NF/IZ   |
| P5386-05MS  | 2.188  | 213.17  | 3.465   | 10.38   | 3.205   | 5.311    | 43.248  | IC1-121824  | 12/26/2024 16:04 | 10     | NF/IZ   |
| P5386-05MSD | 2.187  | 213.25  | 3.464   | 10.39   | 3.216   | 5.303    | 43.343  | IC1-121824  | 12/26/2024 16:26 | 10     | NF/IZ   |
| CCV         | 2.089  | 3.151   | 3.124   | 10.45   | 2.613   | 5.286    | 15.556  | IC1-121824  | 12/26/2024 16:47 | 10     | NF/IZ   |
| CCB         | 0      | 0       | 0       | 0       | 0       | 0        | 0       | IC1-121824  | 12/26/2024 17:09 | 10     | NF/IZ   |

Clear table

| Instrument ID: IC-2   |                      |                       |                       |                       |                       |                        |                       |              |                         |
|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|--------------|-------------------------|
| Analyst : IZ          |                      |                       |                       |                       |                       |                        |                       |              |                         |
| Method: 300.0 / 9056A |                      |                       |                       |                       |                       |                        |                       |              |                         |
| ident                 | concentra<br>tion F- | concentratio<br>n CL- | concentrati<br>on NO2 | concentrati<br>on BR- | concentrati<br>on NO3 | concentrati<br>on HPO4 | concentrati<br>on SO4 | file name    | Initial<br>wt/<br>Final |
| STD1                  | 0                    | 0                     | 0                     | 0                     | 0                     | 0                      | 0                     | 0 IC1-121824 | 10 NF/IZ                |
| STD2                  | 0.319                | 0.475                 | 0.485                 | 1.586                 | 0.405                 | 0.794                  | 2.525                 | IC1-121824   | 10 NF/IZ                |
| STD3                  | 0.867                | 1.29                  | 1.286                 | 4.307                 | 1.073                 | 2.153                  | 6.454                 | IC1-121824   | 10 NF/IZ                |
| STD4                  | 1.065                | 1.59                  | 1.587                 | 5.29                  | 1.327                 | 2.68                   | 7.947                 | IC1-121824   | 10 NF/IZ                |
| STD5                  | 1.968                | 2.98                  | 2.975                 | 9.935                 | 2.472                 | 4.928                  | 14.761                | IC1-121824   | 10 NF/IZ                |
| STD6                  | 3.929                | 5.897                 | 5.891                 | 19.654                | 4.906                 | 9.805                  | 29.16                 | IC1-121824   | 10 NF/IZ                |
| STD7                  | 5.052                | 7.568                 | 7.575                 | 25.229                | 6.317                 | 12.641                 | 37.652                | IC1-121824   | 10 NF/IZ                |
| ident                 | True<br>Value F-     | True Value<br>CL-     | True Value<br>NO2     | True Value<br>BR-     | True Value<br>NO3     | True Value<br>HPO4     | True Value<br>SO4     |              | date time               |
| STD1                  | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                |              | 12/18/2024 10:39        |
| STD2                  | 0.4000               | 0.6000                | 0.6000                | 2.0000                | 0.5000                | 1.0000                 | 3.0000                |              | 12/18/2024 11:00        |
| STD3                  | 0.8000               | 1.2000                | 1.2000                | 4.0000                | 1.0000                | 2.0000                 | 6.0000                |              | 12/18/2024 11:22        |
| STD4                  | 1.0000               | 1.5000                | 1.5000                | 5.0000                | 1.2500                | 2.5000                 | 7.5000                |              | 12/18/2024 11:43        |
| STD5                  | 2.0000               | 3.0000                | 3.0000                | 10.0000               | 2.5000                | 5.0000                 | 15.0000               |              | 12/18/2024 12:04        |
| STD6                  | 4.0000               | 6.0000                | 6.0000                | 20.0000               | 5.0000                | 10.0000                | 30.0000               |              | 12/18/2024 12:26        |
| STD7                  | 5.0000               | 7.5000                | 7.5000                | 25.0000               | 6.2500                | 12.5000                | 37.0000               |              | 12/18/2024 12:47        |
| ident                 | Relative<br>Error F- | Relative<br>Error CL- | Relative<br>Error NO2 | Relative<br>Error BR- | Relative<br>Error NO3 | Relative<br>Error HPO4 | Relative<br>Error SO4 |              |                         |
| STD1                  | -20.2500             | -20.8333              | -19.1667              | -20.7000              | -19.0000              | -20.6000               | -15.8333              |              |                         |
| STD2                  | 8.3750               | 7.5000                | 7.1667                | 7.6750                | 7.3000                | 7.6500                 | 7.5667                |              |                         |
| STD3                  | 6.5000               | 6.0000                | 5.8000                | 5.8000                | 6.1600                | 7.2000                 | 5.9600                |              |                         |
| STD4                  | -1.6000              | -0.6667               | -0.8333               | -0.6500               | -1.1200               | -1.4400                | -1.5933               |              |                         |
| STD5                  | -1.7750              | -1.7167               | -1.8167               | -1.7300               | -1.8800               | -1.9500                | -2.8000               |              |                         |
| STD6                  | 1.0400               | 0.9067                | 1.0000                | 0.9160                | 1.0720                | 1.1280                 | 1.7622                |              |                         |

### Fluoride (Anions)



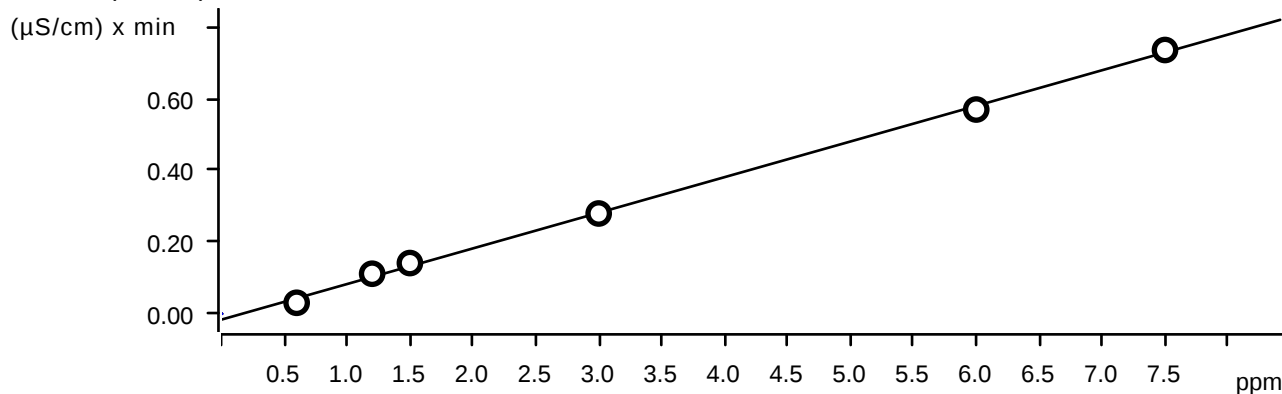
Function: . . . . .  $A = -0.0183596 + 0.0149351 \times Q$

Relative standard deviation . . . . . 3.731557 %

Correlation coefficient . . . . . 0.999324

| Sample type | Index | Conc. | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|-------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 2  | 1     | 0.400 | 10.0   | 1.0      | 1.0           | 0.029 | STD2  | 2024-12-18 11:00:37 UTC-5 | used |
| Standard 3  | 1     | 0.800 | 10.0   | 1.0      | 1.0           | 0.111 | STD3  | 2024-12-18 11:22:01 UTC-5 | used |
| Standard 4  | 1     | 1.000 | 10.0   | 1.0      | 1.0           | 0.141 | STD4  | 2024-12-18 11:43:26 UTC-5 | used |
| Standard 5  | 1     | 2.000 | 10.0   | 1.0      | 1.0           | 0.276 | STD5  | 2024-12-18 12:04:52 UTC-5 | used |
| Standard 6  | 1     | 4.000 | 10.0   | 1.0      | 1.0           | 0.568 | STD6  | 2024-12-18 12:26:18 UTC-5 | used |
| Standard 7  | 1     | 5.000 | 10.0   | 1.0      | 1.0           | 0.736 | STD7  | 2024-12-18 12:47:45 UTC-5 | used |

### Chloride (Anions)

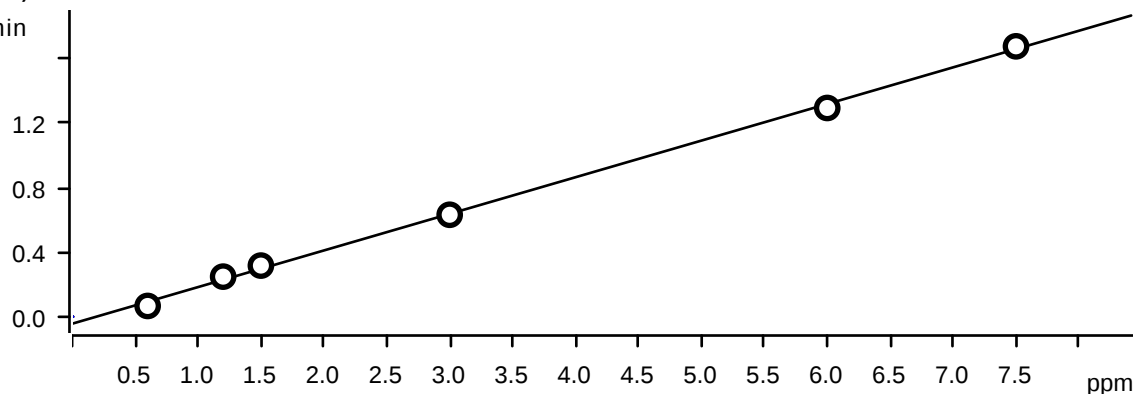


Function: . . . . .  $A = -0.0165562 + 9.93613E-3 \times Q$

Relative standard deviation . . . . . 3.466087 %

Correlation coefficient . . . . . 0.999410

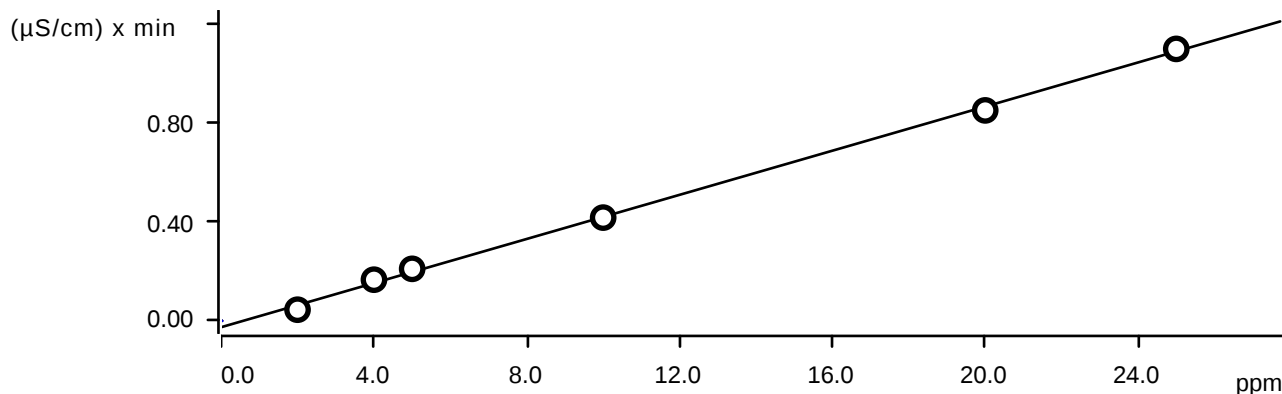
| Sample type | Index | Conc. | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|-------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 2  | 1     | 0.600 | 10.0   | 1.0      | 1.0           | 0.031 | STD2  | 2024-12-18 11:00:37 UTC-5 | used |
| Standard 3  | 1     | 1.200 | 10.0   | 1.0      | 1.0           | 0.112 | STD3  | 2024-12-18 11:22:01 UTC-5 | used |
| Standard 4  | 1     | 1.500 | 10.0   | 1.0      | 1.0           | 0.141 | STD4  | 2024-12-18 11:43:26 UTC-5 | used |
| Standard 5  | 1     | 3.000 | 10.0   | 1.0      | 1.0           | 0.280 | STD5  | 2024-12-18 12:04:52 UTC-5 | used |
| Standard 6  | 1     | 6.000 | 10.0   | 1.0      | 1.0           | 0.569 | STD6  | 2024-12-18 12:26:18 UTC-5 | used |
| Standard 7  | 1     | 7.500 | 10.0   | 1.0      | 1.0           | 0.735 | STD7  | 2024-12-18 12:47:45 UTC-5 | used |

**Nitrite (Anions)** $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: . . . . .  $A = -0.0434679 + 0.0226901 \times Q$ 

Relative standard deviation . . . . . 3.455351 %

Correlation coefficient . . . . . 0.999423

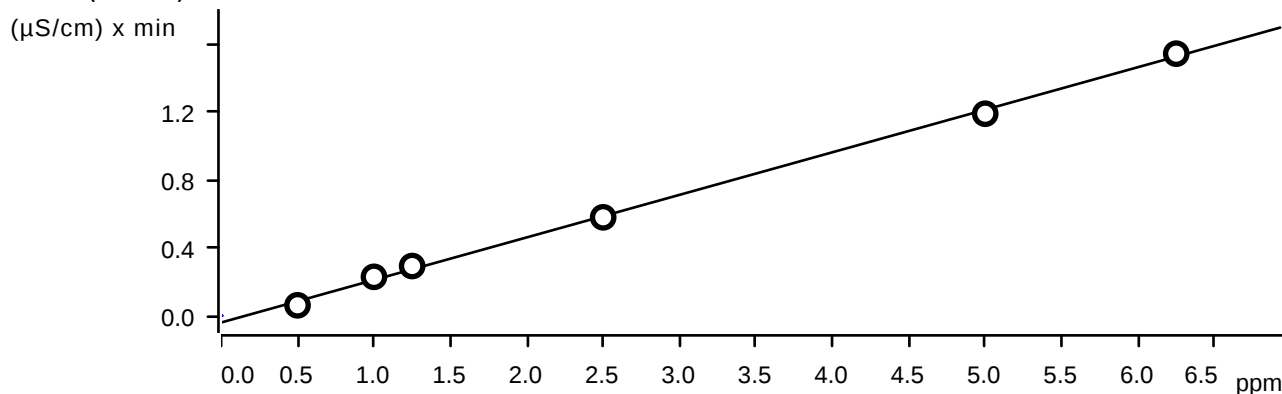
| Sample type | Index | Conc. | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|-------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 2  | 1     | 0.600 | 10.0   | 1.0      | 1.0           | 0.067 | STD2  | 2024-12-18 11:00:37 UTC-5 | used |
| Standard 3  | 1     | 1.200 | 10.0   | 1.0      | 1.0           | 0.248 | STD3  | 2024-12-18 11:22:01 UTC-5 | used |
| Standard 4  | 1     | 1.500 | 10.0   | 1.0      | 1.0           | 0.317 | STD4  | 2024-12-18 11:43:26 UTC-5 | used |
| Standard 5  | 1     | 3.000 | 10.0   | 1.0      | 1.0           | 0.632 | STD5  | 2024-12-18 12:04:52 UTC-5 | used |
| Standard 6  | 1     | 6.000 | 10.0   | 1.0      | 1.0           | 1.293 | STD6  | 2024-12-18 12:26:18 UTC-5 | used |
| Standard 7  | 1     | 7.500 | 10.0   | 1.0      | 1.0           | 1.675 | STD7  | 2024-12-18 12:47:45 UTC-5 | used |

**Bromide (Anions)**Function: . . . . .  $A = -0.0255661 + 4.44233\text{E-}3 \times Q$ 

Relative standard deviation . . . . . 3.478545 %

Correlation coefficient . . . . . 0.999408

| Sample type | Index | Conc.  | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|--------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 2  | 1     | 2.000  | 10.0   | 1.0      | 1.0           | 0.045 | STD2  | 2024-12-18 11:00:37 UTC-5 | used |
| Standard 3  | 1     | 4.000  | 10.0   | 1.0      | 1.0           | 0.166 | STD3  | 2024-12-18 11:22:01 UTC-5 | used |
| Standard 4  | 1     | 5.000  | 10.0   | 1.0      | 1.0           | 0.209 | STD4  | 2024-12-18 11:43:26 UTC-5 | used |
| Standard 5  | 1     | 10.000 | 10.0   | 1.0      | 1.0           | 0.416 | STD5  | 2024-12-18 12:04:52 UTC-5 | used |
| Standard 6  | 1     | 20.000 | 10.0   | 1.0      | 1.0           | 0.848 | STD6  | 2024-12-18 12:26:18 UTC-5 | used |
| Standard 7  | 1     | 25.000 | 10.0   | 1.0      | 1.0           | 1.095 | STD7  | 2024-12-18 12:47:45 UTC-5 | used |

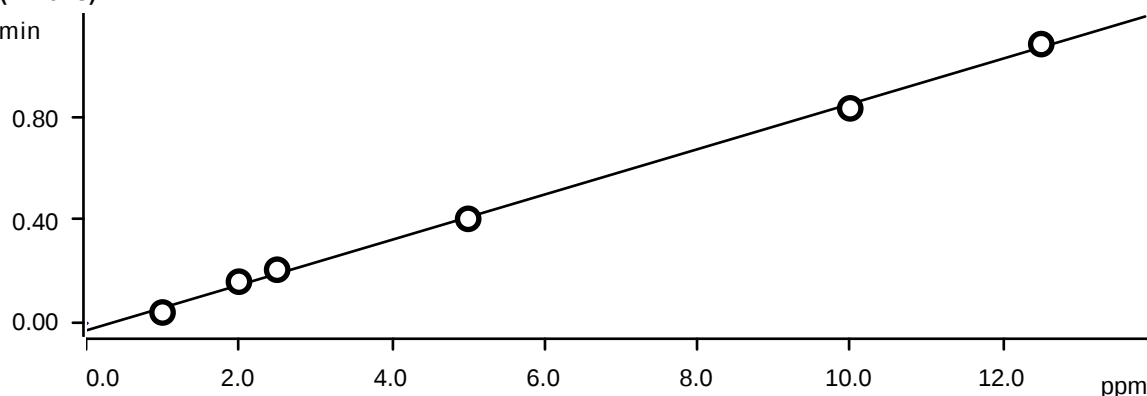
**Nitrate (Anions)**Function: . . . . .  $A = -0.0400484 + 0.0250507 \times Q$ 

Relative standard deviation . . . . . 3.586984 %

Correlation coefficient . . . . . 0.999378

| Sample type | Index | Conc. | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|-------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 2  | 1     | 0.500 | 10.0   | 1.0      | 1.0           | 0.061 | STD2  | 2024-12-18 11:00:37 UTC-5 | used |

| Sample type | Index | Conc. | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|-------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 3  | 1     | 1.000 | 10.0   | 1.0      | 1.0           | 0.229 | STD3  | 2024-12-18 11:22:01 UTC-5 | used |
| Standard 4  | 1     | 1.250 | 10.0   | 1.0      | 1.0           | 0.292 | STD4  | 2024-12-18 11:43:26 UTC-5 | used |
| Standard 5  | 1     | 2.500 | 10.0   | 1.0      | 1.0           | 0.579 | STD5  | 2024-12-18 12:04:52 UTC-5 | used |
| Standard 6  | 1     | 5.000 | 10.0   | 1.0      | 1.0           | 1.189 | STD6  | 2024-12-18 12:26:18 UTC-5 | used |
| Standard 7  | 1     | 6.250 | 10.0   | 1.0      | 1.0           | 1.542 | STD7  | 2024-12-18 12:47:45 UTC-5 | used |

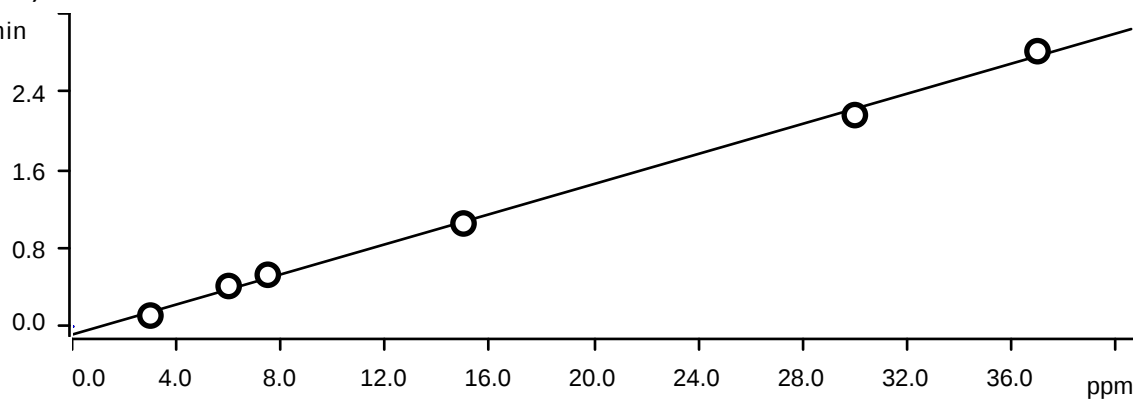
**Phosphate (Anions)** $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: .....  $A = -0.0282076 + 8.77175E-3 \times Q$ 

Relative standard deviation ..... 3.880200 %

Correlation coefficient ..... 0.999273

| Sample type | Index | Conc.  | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|--------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 2  | 1     | 1.000  | 10.0   | 1.0      | 1.0           | 0.041 | STD2  | 2024-12-18 11:00:37 UTC-5 | used |
| Standard 3  | 1     | 2.000  | 10.0   | 1.0      | 1.0           | 0.161 | STD3  | 2024-12-18 11:22:01 UTC-5 | used |
| Standard 4  | 1     | 2.500  | 10.0   | 1.0      | 1.0           | 0.207 | STD4  | 2024-12-18 11:43:26 UTC-5 | used |
| Standard 5  | 1     | 5.000  | 10.0   | 1.0      | 1.0           | 0.404 | STD5  | 2024-12-18 12:04:52 UTC-5 | used |
| Standard 6  | 1     | 10.000 | 10.0   | 1.0      | 1.0           | 0.832 | STD6  | 2024-12-18 12:26:18 UTC-5 | used |
| Standard 7  | 1     | 12.500 | 10.0   | 1.0      | 1.0           | 1.081 | STD7  | 2024-12-18 12:47:45 UTC-5 | used |

## Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: . . . . .  $A = -0.0827937 + 7.69466E-3 \times Q$ 

Relative standard deviation . . . . . 4.394299 %

Correlation coefficient . . . . . 0.999072

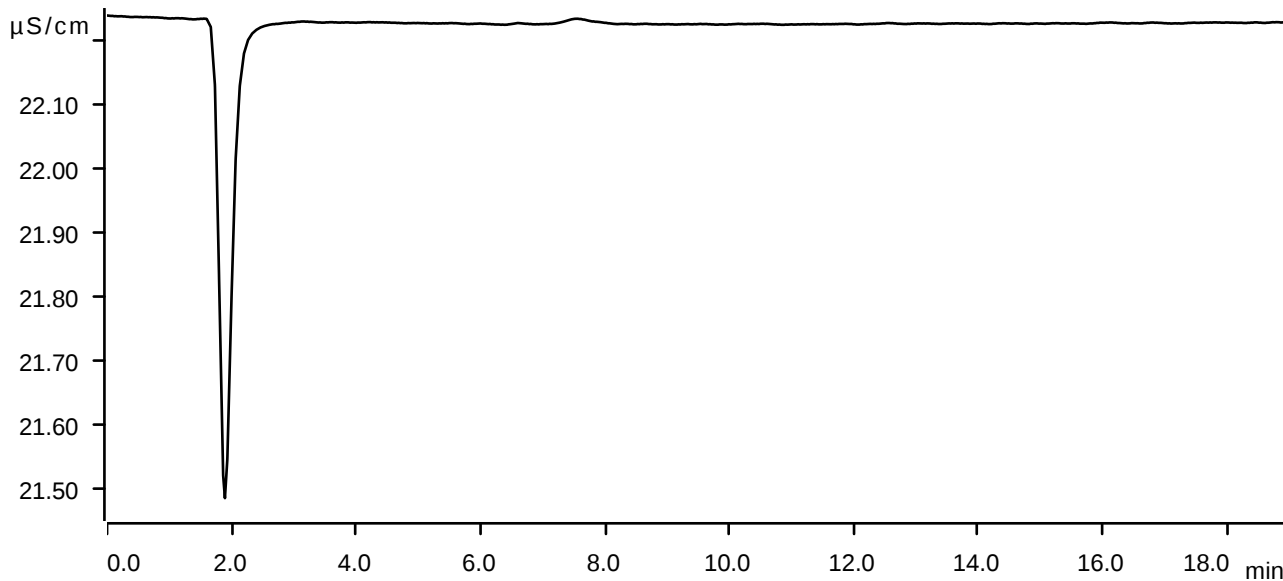
| Sample type | Index | Conc.  | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|--------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 2  | 1     | 3.000  | 10.0   | 1.0      | 1.0           | 0.112 | STD2  | 2024-12-18 11:00:37 UTC-5 | used |
| Standard 3  | 1     | 6.000  | 10.0   | 1.0      | 1.0           | 0.414 | STD3  | 2024-12-18 11:22:01 UTC-5 | used |
| Standard 4  | 1     | 7.500  | 10.0   | 1.0      | 1.0           | 0.529 | STD4  | 2024-12-18 11:43:26 UTC-5 | used |
| Standard 5  | 1     | 15.000 | 10.0   | 1.0      | 1.0           | 1.053 | STD5  | 2024-12-18 12:04:52 UTC-5 | used |
| Standard 6  | 1     | 30.000 | 10.0   | 1.0      | 1.0           | 2.161 | STD6  | 2024-12-18 12:26:18 UTC-5 | used |
| Standard 7  | 1     | 37.000 | 10.0   | 1.0      | 1.0           | 2.814 | STD7  | 2024-12-18 12:47:45 UTC-5 | used |

**Sample data**

Ident . . . . . STD1  
Sample type . . . . . Standard 1  
Determination start . . . . . 2024-12-18 10:39:14 UTC-5  
Method . . . . . IC1-121824  
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**

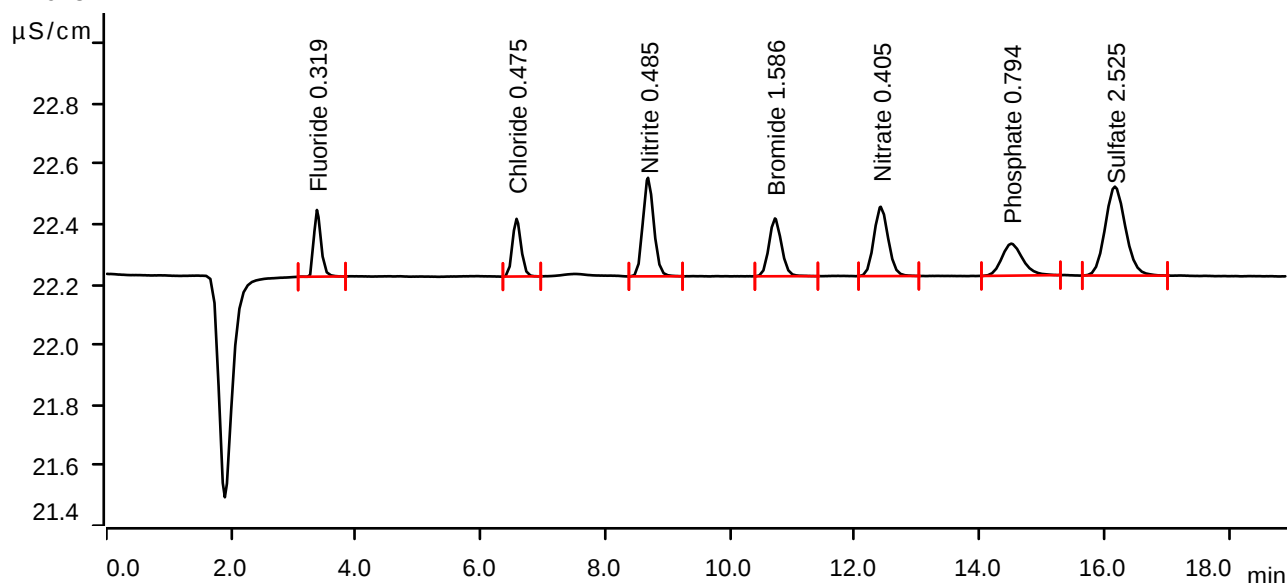
## Sample data

Ident . . . . . STD2  
Sample type . . . . . Standard 2  
Determination start . . . . . 2024-12-18 11:00:37 UTC-5  
Method . . . . . IC1-121824  
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 . . . . . 11.26 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.377                 | 0.0293                | 0.221           | 0.319                | Fluoride       |
| 2           | 6.577                 | 0.0307                | 0.191           | 0.475                | Chloride       |
| 3           | 8.685                 | 0.0666                | 0.327           | 0.485                | Nitrite        |
| 4           | 10.720                | 0.0449                | 0.192           | 1.586                | Bromide        |
| 5           | 12.415                | 0.0613                | 0.230           | 0.405                | Nitrate        |
| 6           | 14.510                | 0.0414                | 0.106           | 0.794                | Phosphate      |
| 7           | 16.170                | 0.1115                | 0.295           | 2.525                | Sulfate        |

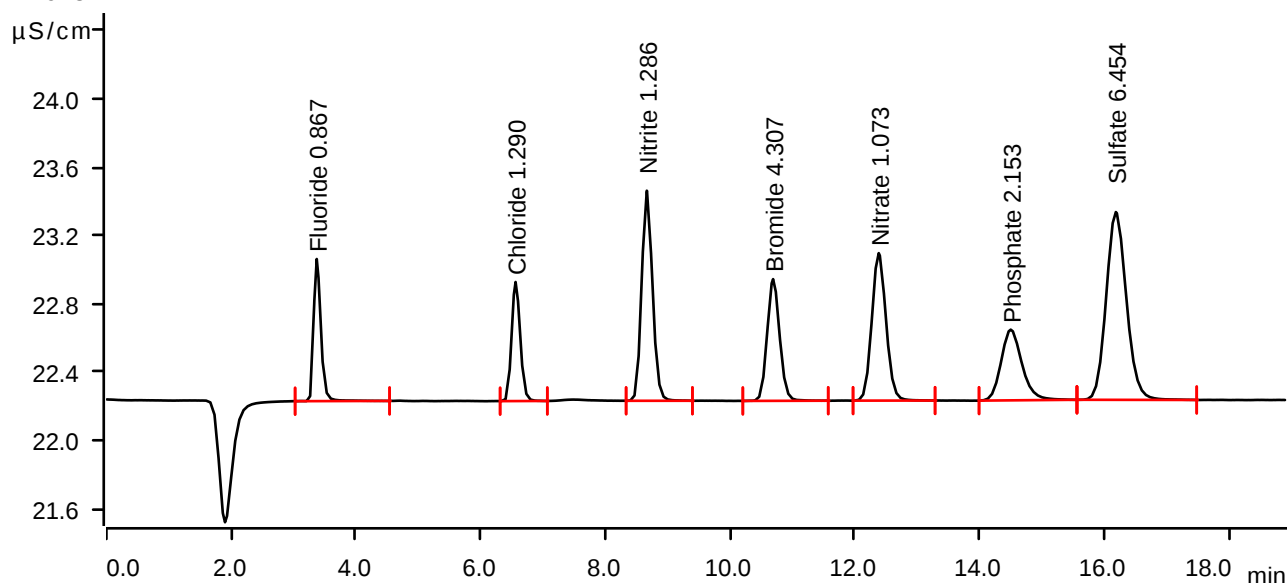
## Sample data

Ident . . . . . STD3  
Sample type . . . . . Standard 3  
Determination start . . . . . 2024-12-18 11:22:01 UTC-5  
Method . . . . . IC1-121824  
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 . . . . . 11.09 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.373                 | 0.1111                | 0.832           | 0.867                | Fluoride       |
| 2           | 6.562                 | 0.1116                | 0.697           | 1.290                | Chloride       |
| 3           | 8.665                 | 0.2483                | 1.230           | 1.286                | Nitrite        |
| 4           | 10.690                | 0.1658                | 0.713           | 4.307                | Bromide        |
| 5           | 12.383                | 0.2288                | 0.864           | 1.073                | Nitrate        |
| 6           | 14.500                | 0.1606                | 0.414           | 2.153                | Phosphate      |
| 7           | 16.185                | 0.4138                | 1.100           | 6.454                | Sulfate        |

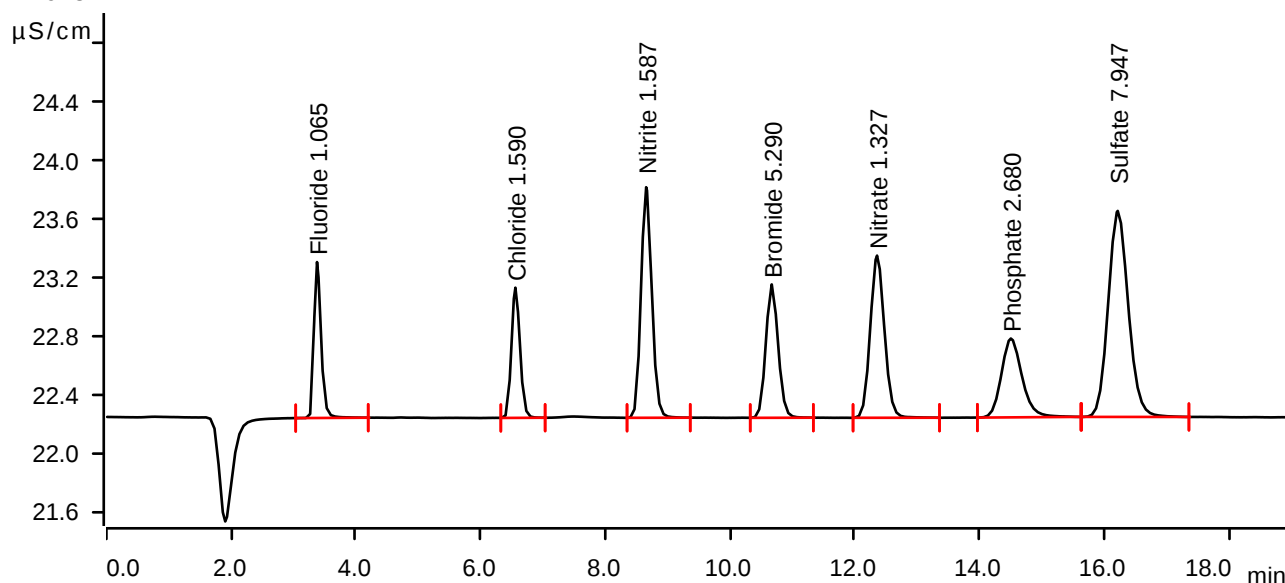
## Sample data

Ident . . . . . STD4  
Sample type . . . . . Standard 4  
Determination start . . . . . 2024-12-18 11:43:26 UTC-5  
Method . . . . . IC1-121824  
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 . . . . . 10.87 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.378                 | 0.1407                | 1.065           | 1.065                | Fluoride       |
| 2           | 6.558                 | 0.1414                | 0.890           | 1.590                | Chloride       |
| 3           | 8.655                 | 0.3167                | 1.575           | 1.587                | Nitrite        |
| 4           | 10.668                | 0.2094                | 0.911           | 5.290                | Bromide        |
| 5           | 12.357                | 0.2924                | 1.108           | 1.327                | Nitrate        |
| 6           | 14.502                | 0.2069                | 0.539           | 2.680                | Phosphate      |
| 7           | 16.215                | 0.5287                | 1.408           | 7.947                | Sulfate        |

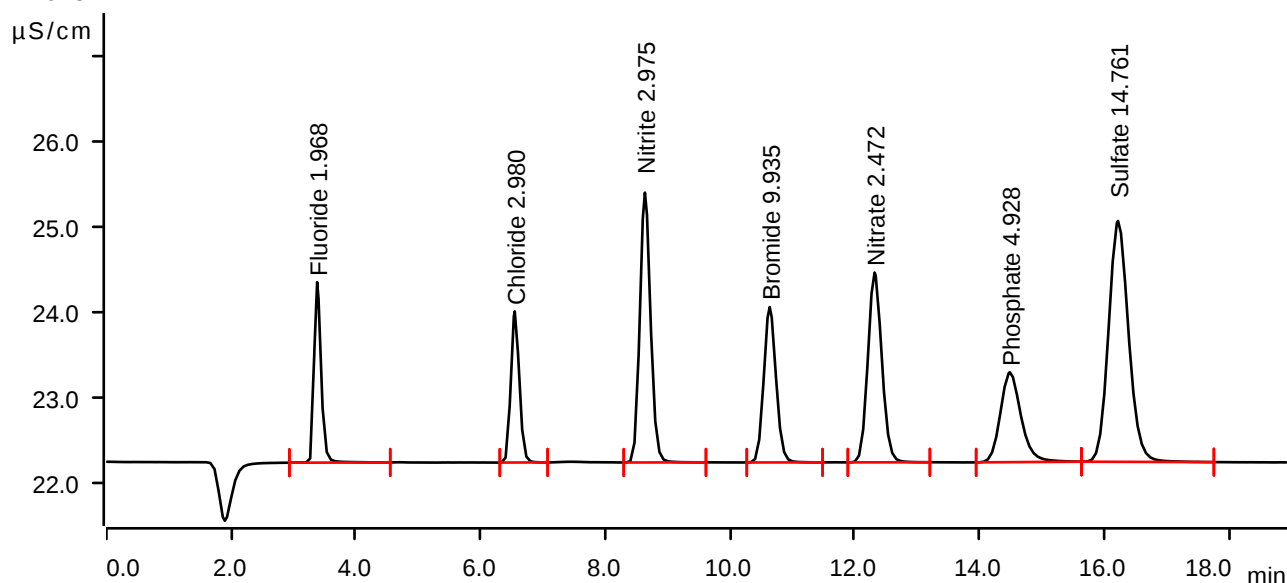
## Sample data

Ident . . . . . STD5  
Sample type . . . . . Standard 5  
Determination start . . . . . 2024-12-18 12:04:52 UTC-5  
Method . . . . . IC1-121824  
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 . . . . . 11.04 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.380                 | 0.2755                | 2.114           | 1.968                | Fluoride       |
| 2           | 6.548                 | 0.2796                | 1.770           | 2.980                | Chloride       |
| 3           | 8.635                 | 0.6316                | 3.161           | 2.975                | Nitrite        |
| 4           | 10.635                | 0.4158                | 1.820           | 9.935                | Bromide        |
| 5           | 12.317                | 0.5791                | 2.223           | 2.472                | Nitrate        |
| 6           | 14.485                | 0.4040                | 1.052           | 4.928                | Phosphate      |
| 7           | 16.220                | 1.0530                | 2.822           | 14.761               | Sulfate        |

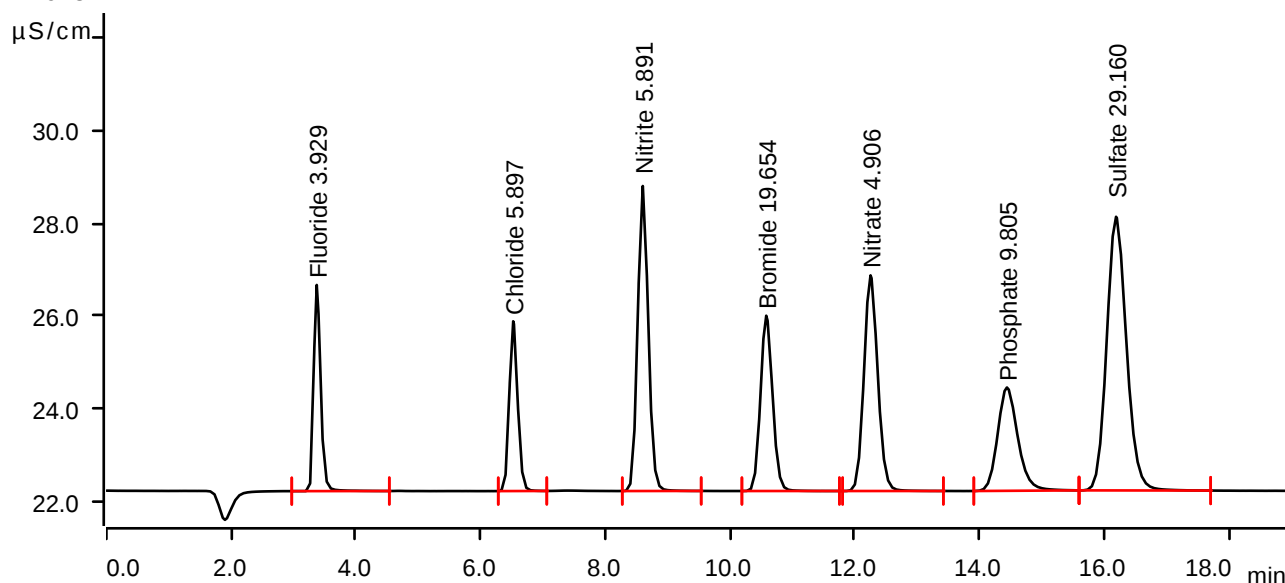
## Sample data

Ident . . . . . STD6  
Sample type . . . . . Standard 6  
Determination start . . . . . 2024-12-18 12:26:18 UTC-5  
Method . . . . . IC1-121824  
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 . . . . . 10.98 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.373                 | 0.5685                | 4.427           | 3.929                | Fluoride       |
| 2           | 6.523                 | 0.5694                | 3.646           | 5.897                | Chloride       |
| 3           | 8.602                 | 1.2933                | 6.549           | 5.891                | Nitrite        |
| 4           | 10.580                | 0.8475                | 3.765           | 19.654               | Bromide        |
| 5           | 12.252                | 1.1889                | 4.631           | 4.906                | Nitrate        |
| 6           | 14.438                | 0.8318                | 2.220           | 9.805                | Phosphate      |
| 7           | 16.188                | 2.1610                | 5.877           | 29.160               | Sulfate        |

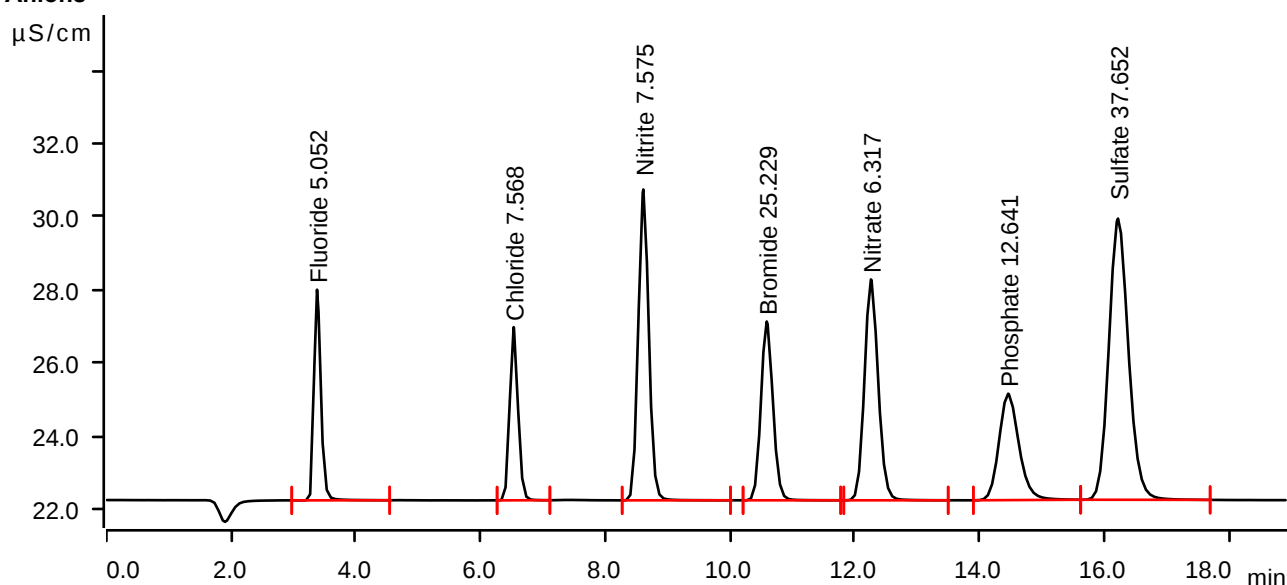
## Sample data

Ident . . . . . STD7  
Sample type . . . . . Standard 7  
Determination start . . . . . 2024-12-18 12:47:45 UTC-5  
Method . . . . . IC1-121824  
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 . . . . . 10.75 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.378                 | 0.7362                | 5.758           | 5.052                | Fluoride       |
| 2           | 6.530                 | 0.7354                | 4.734           | 7.568                | Chloride       |
| 3           | 8.610                 | 1.6752                | 8.496           | 7.575                | Nitrite        |
| 4           | 10.587                | 1.0952                | 4.888           | 25.229               | Bromide        |
| 5           | 12.258                | 1.5424                | 6.037           | 6.317                | Nitrate        |
| 6           | 14.458                | 1.0806                | 2.908           | 12.641               | Phosphate      |
| 7           | 16.220                | 2.8144                | 7.686           | 37.652               | Sulfate        |

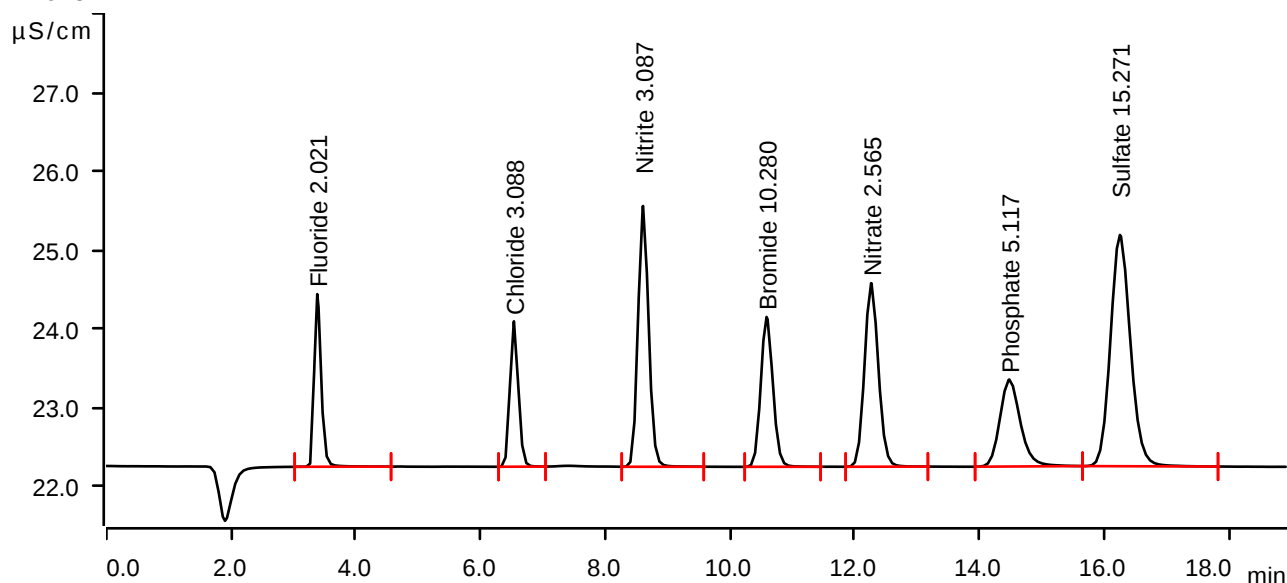
## Sample data

Ident . . . . . ICV  
Sample type . . . . . Check standard 1  
Determination start . . . . . 2024-12-18 13:09:13 UTC-5  
Method . . . . . IC1-121824  
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 . . . . . 10.87 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



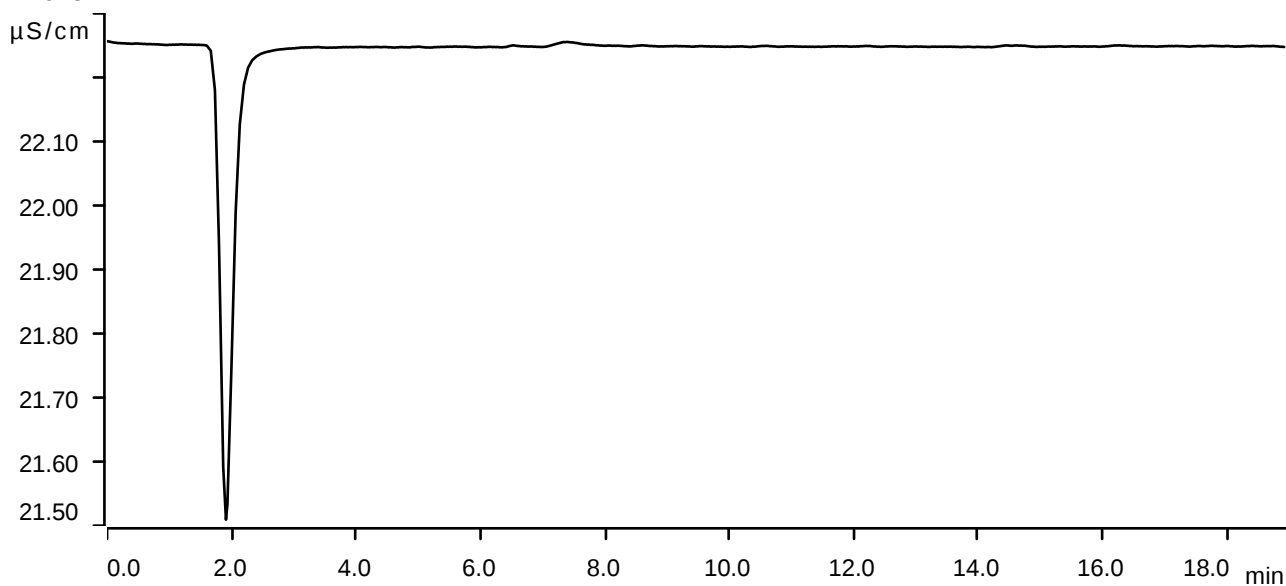
| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.382                 | 0.2835                | 2.190           | 2.021                | Fluoride       |
| 2           | 6.533                 | 0.2903                | 1.845           | 3.088                | Chloride       |
| 3           | 8.605                 | 0.6571                | 3.309           | 3.087                | Nitrite        |
| 4           | 10.585                | 0.4311                | 1.902           | 10.280               | Bromide        |
| 5           | 12.262                | 0.6024                | 2.329           | 2.565                | Nitrate        |
| 6           | 14.477                | 0.4207                | 1.104           | 5.117                | Phosphate      |
| 7           | 16.250                | 1.0923                | 2.934           | 15.271               | Sulfate        |

**Sample data**

Ident . . . . . ICB  
Sample type . . . . . Sample  
Determination start . . . . . 2024-12-18 13:30:41 UTC-5  
Method . . . . . IC1-121824  
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 . . . . . 10.64 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

**Anions**

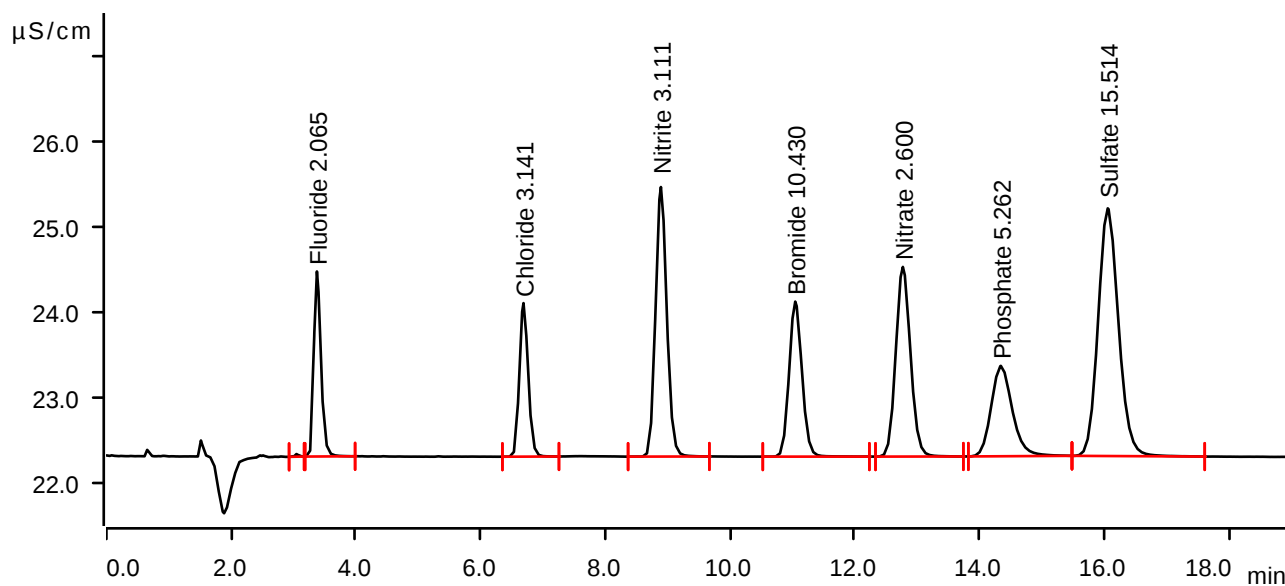
**Sample data**

Ident . . . . . CCV  
Sample type . . . . . Check standard 1  
Determination start . . . . . 2024-12-26 13:07:19 UTC-5  
Method . . . . . IC1-121824  
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<br>min | Area<br>( $\mu\text{S/cm}$ ) x min | Height<br>$\mu\text{S/cm}$ | Concentration<br>ppm | Component name |
|-------------|-----------------------|------------------------------------|----------------------------|----------------------|----------------|
| 1           | 3.048                 | 0.0021                             | 0.031                      | invalid              |                |
| 2           | 3.377                 | 0.2852                             | 2.168                      | 2.065                | Fluoride       |
| 3           | 6.688                 | 0.2946                             | 1.798                      | 3.141                | Chloride       |
| 4           | 8.892                 | 0.6590                             | 3.157                      | 3.111                | Nitrite        |
| 5           | 11.045                | 0.4344                             | 1.816                      | 10.430               | Bromide        |
| 6           | 12.770                | 0.6066                             | 2.222                      | 2.600                | Nitrate        |
| 7           | 14.342                | 0.4155                             | 1.058                      | 5.262                | Phosphate      |
| 8           | 16.055                | 1.0993                             | 2.901                      | 15.514               | Sulfate        |

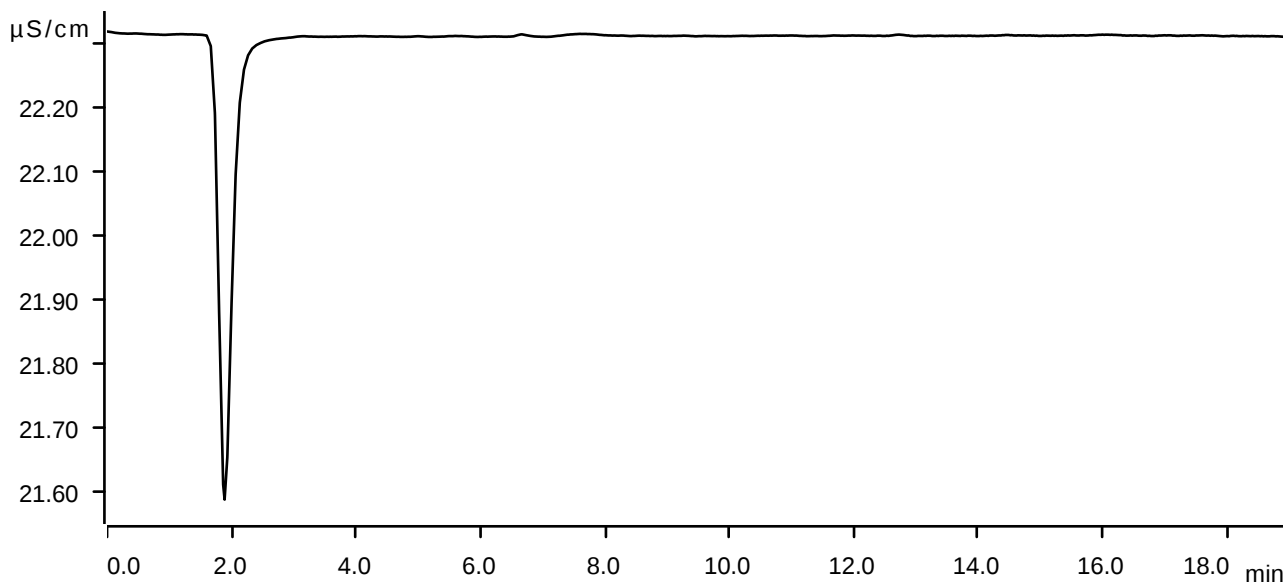
## Sample data

Ident . . . . . CCB  
Sample type . . . . . Sample  
Determination start . . . . . 2024-12-26 13:28:50 UTC-5  
Method . . . . . IC1-121824  
Operator . . . . .

## Anions

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

## Anions

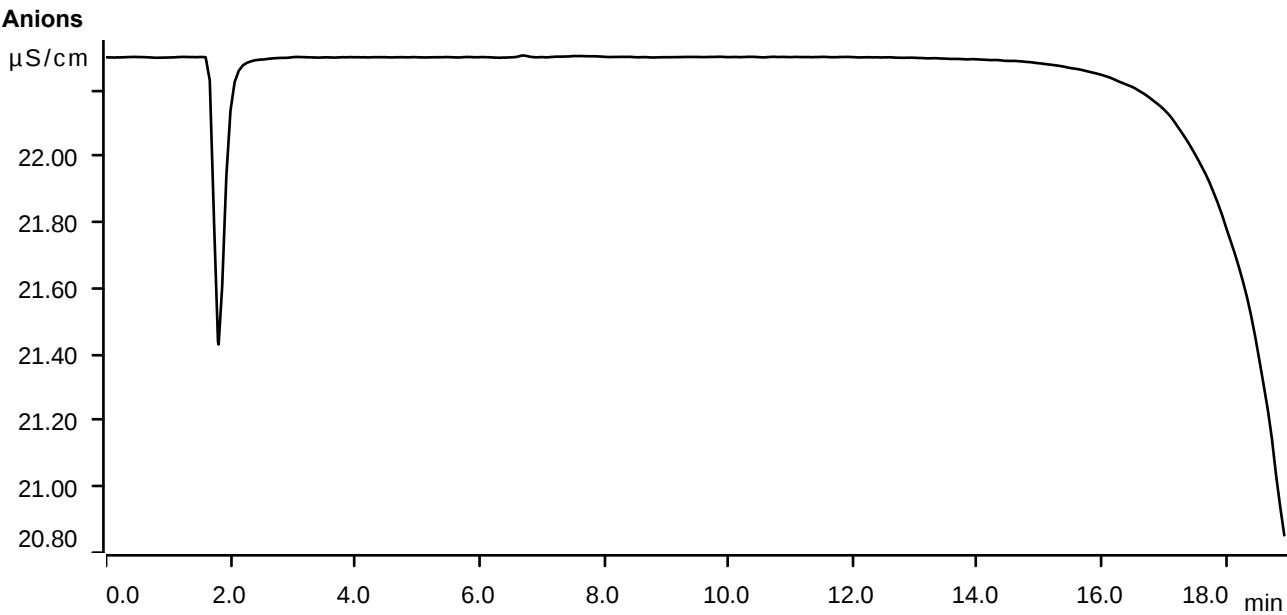


Sample data

Ident . . . . . LB134097BLW  
Sample type . . . . . Sample  
Determination start . . . . . 2024-12-26 14:59:57 UTC-5  
Method . . . . . IC1-121824  
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



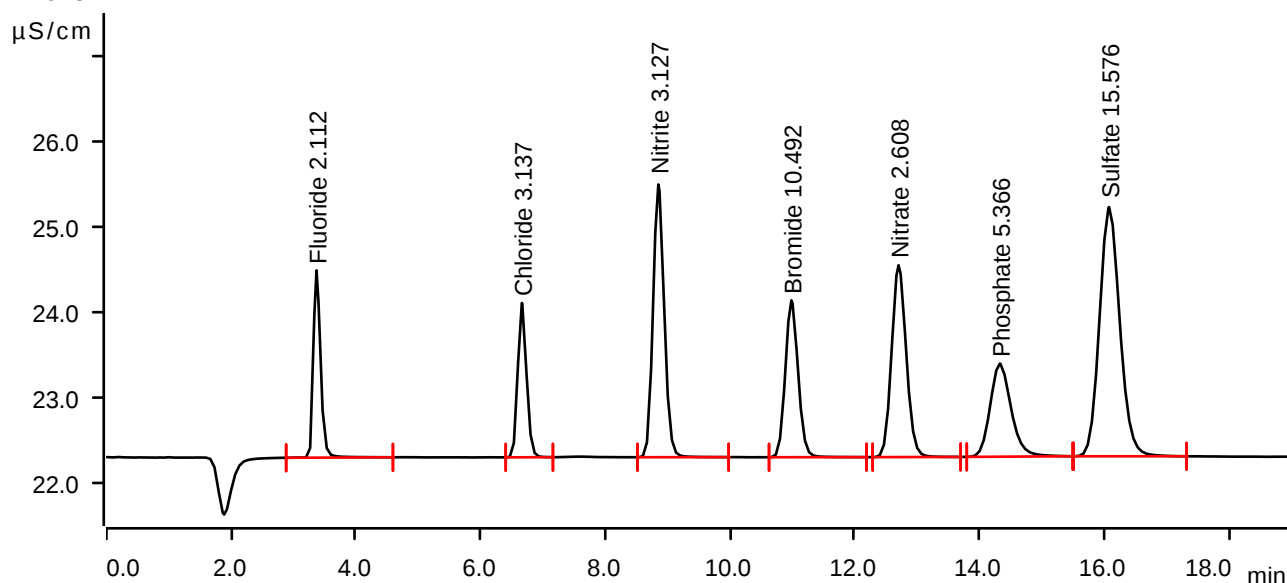
## Sample data

Ident . . . . . LB134097BSW  
Sample type . . . . . Check standard 1  
Determination start . . . . . 2024-12-26 15:21:24 UTC-5  
Method . . . . . IC1-121824  
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 . . . . . 12.05 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.370                 | 0.2920                | 2.194           | 2.112                | Fluoride       |
| 2           | 6.662                 | 0.2941                | 1.807           | 3.137                | Chloride       |
| 3           | 8.850                 | 0.6626                | 3.195           | 3.127                | Nitrite        |
| 4           | 10.983                | 0.4371                | 1.837           | 10.492               | Bromide        |
| 5           | 12.702                | 0.6087                | 2.247           | 2.608                | Nitrate        |
| 6           | 14.325                | 0.4245                | 1.090           | 5.366                | Phosphate      |
| 7           | 16.077                | 1.1040                | 2.920           | 15.576               | Sulfate        |

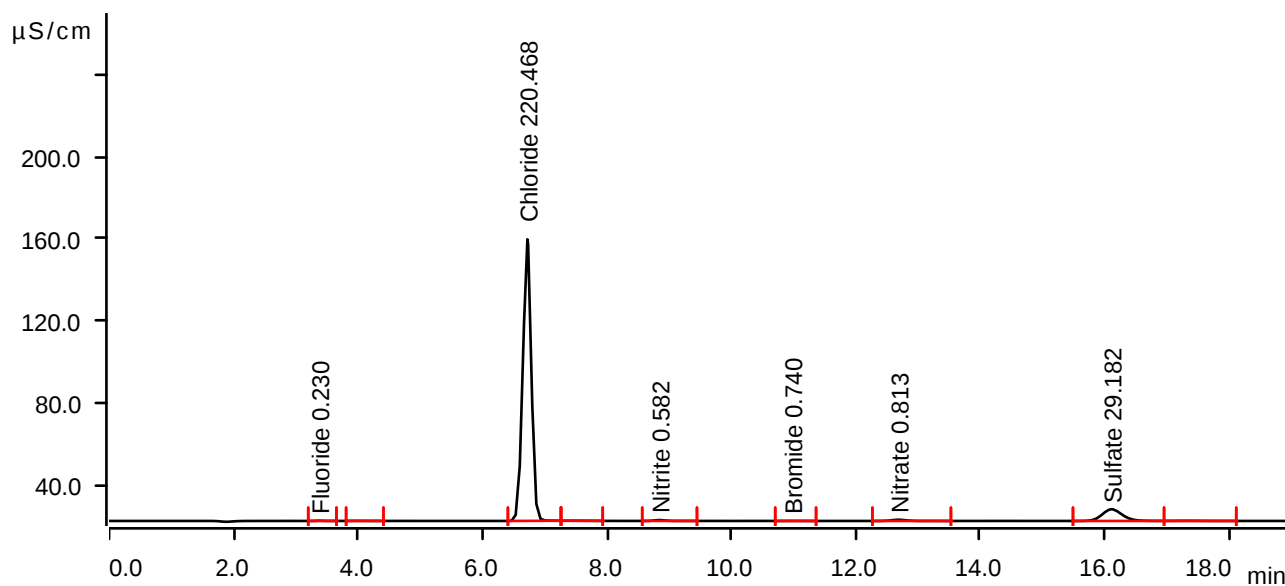
**Sample data**

Ident . . . . . P5386-05  
Sample type . . . . . Sample  
Determination start . . . . . 2024-12-26 15:42:57 UTC-5  
Method . . . . . IC1-121824  
Operator . . . . .

**Anions**

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

## Anions



| Peak number | Retention time<br>min | Area<br>( $\mu\text{S/cm}$ ) x min | Height<br>$\mu\text{S/cm}$ | Concentration<br>ppm | Component name |
|-------------|-----------------------|------------------------------------|----------------------------|----------------------|----------------|
| 1           | 3.375                 | 0.0141                             | 0.109                      | 0.230                | Fluoride       |
| 2           | 3.998                 | 0.0087                             | 0.039                      | invalid              |                |
| 3           | 6.723                 | 21.8287                            | 137.420                    | 220.468              | Chloride       |
| 4           | 7.405                 | 0.0093                             | 0.025                      | invalid              |                |
| 5           | 8.843                 | 0.0871                             | 0.423                      | 0.582                | Nitrite        |
| 6           | 10.975                | 0.0058                             | 0.024                      | 0.740                | Bromide        |
| 7           | 12.687                | 0.1614                             | 0.593                      | 0.813                | Nitrate        |
| 8           | 16.110                | 2.1455                             | 5.729                      | 29.182               | Sulfate        |
| 9           | 17.325                | 0.0384                             | 0.074                      | invalid              |                |

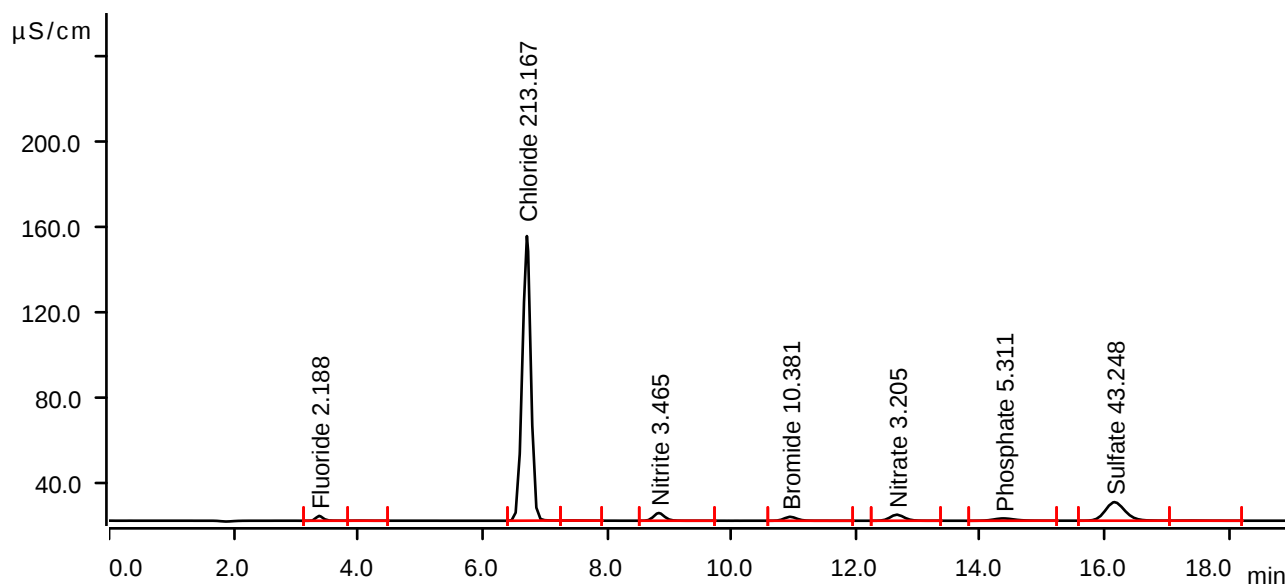
**Sample data**

Ident . . . . . P5386-05MS  
Sample type . . . . . Sample  
Determination start . . . . . 2024-12-26 16:04:33 UTC-5  
Method . . . . . IC1-121824  
Operator . . . . .

**Anions**

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

Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.377                 | 0.3033                | 2.280           | 2.188                | Fluoride       |
| 2           | 4.002                 | 0.0120                | 0.047           | invalid              |                |
| 3           | 6.715                 | 21.1052               | 133.347         | 213.167              | Chloride       |
| 4           | 7.427                 | 0.0098                | 0.029           | invalid              |                |
| 5           | 8.835                 | 0.7388                | 3.619           | 3.465                | Nitrite        |
| 6           | 10.947                | 0.4322                | 1.836           | 10.381               | Bromide        |
| 7           | 12.660                | 0.7574                | 2.830           | 3.205                | Nitrate        |
| 8           | 14.372                | 0.4197                | 1.087           | 5.311                | Phosphate      |
| 9           | 16.157                | 3.2222                | 8.702           | 43.248               | Sulfate        |
| 10          | 17.382                | 0.0356                | 0.070           | invalid              |                |

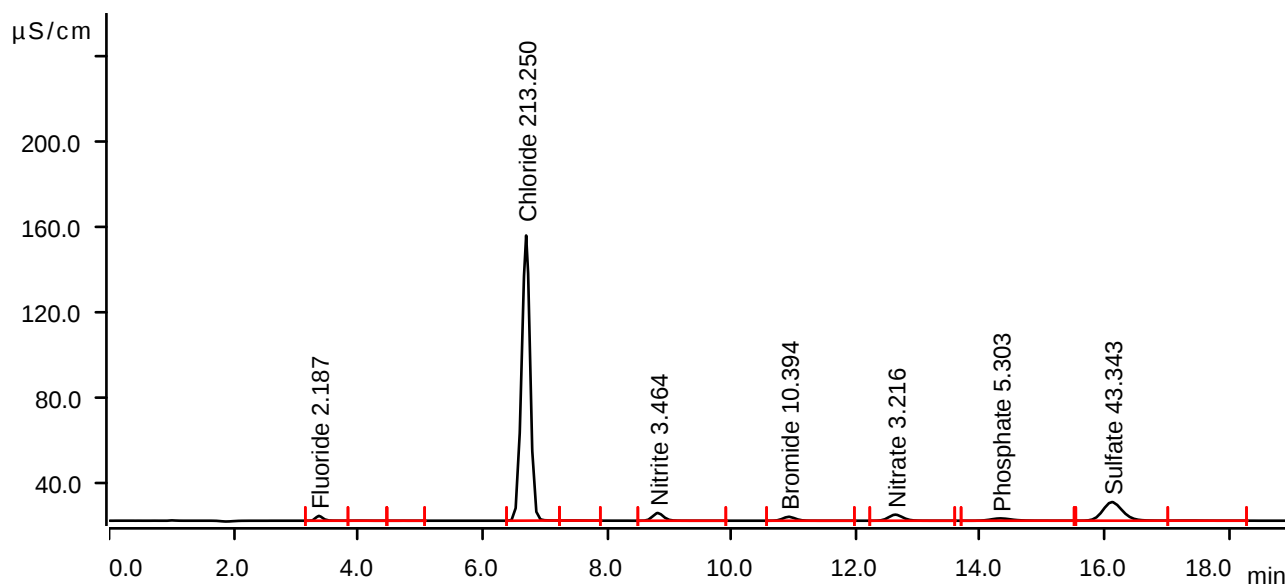
**Sample data**

Ident . . . . . P5386-05MSD  
Sample type . . . . . Sample  
Determination start . . . . . 2024-12-26 16:26:06 UTC-5  
Method . . . . . IC1-121824  
Operator . . . . .

**Anions**

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

Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.372                 | 0.3031                | 2.284           | 2.187                | Fluoride       |
| 2           | 3.998                 | 0.0117                | 0.045           | invalid              |                |
| 3           | 4.730                 | 0.0024                | 0.011           | invalid              |                |
| 4           | 6.703                 | 21.1134               | 133.620         | 213.250              | Chloride       |
| 5           | 7.408                 | 0.0102                | 0.029           | invalid              |                |
| 6           | 8.818                 | 0.7387                | 3.620           | 3.464                | Nitrite        |
| 7           | 10.923                | 0.4328                | 1.840           | 10.394               | Bromide        |
| 8           | 12.637                | 0.7600                | 2.838           | 3.216                | Nitrate        |
| 9           | 14.323                | 0.4190                | 1.078           | 5.303                | Phosphate      |
| 10          | 16.117                | 3.2295                | 8.724           | 43.343               | Sulfate        |
| 11          | 17.345                | 0.0378                | 0.073           | invalid              |                |

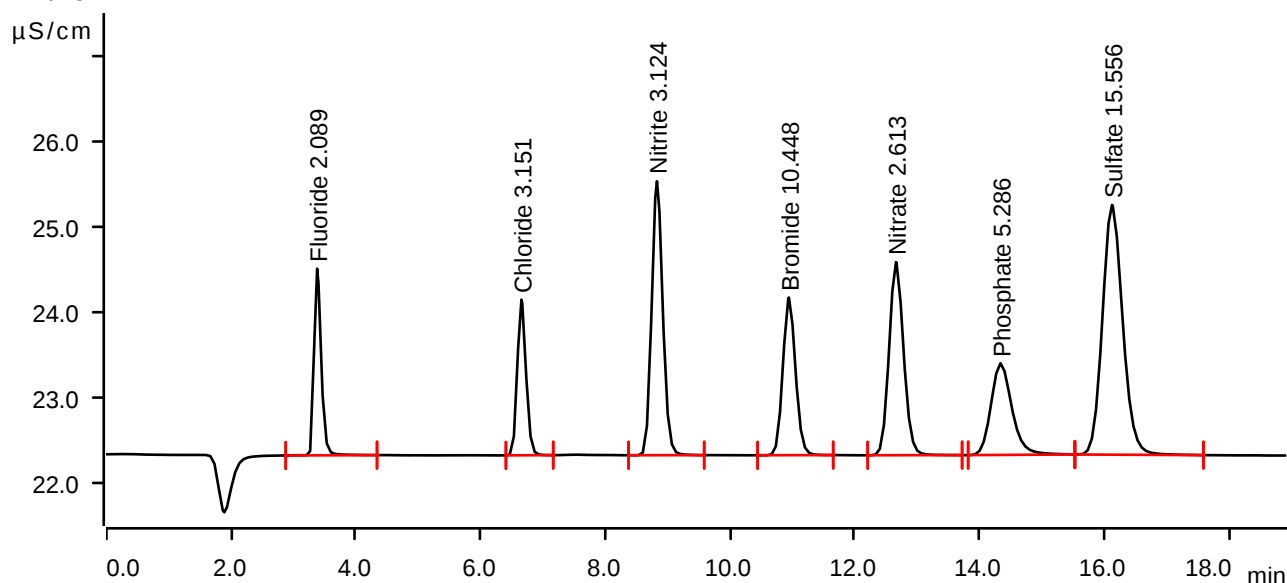
## Sample data

Ident . . . . . CCV  
Sample type . . . . . Check standard 1  
Determination start . . . . . 2024-12-26 16:47:39 UTC-5  
Method . . . . . IC1-121824  
Operator . . . . .

## Anions

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

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.380                 | 0.2887                | 2.186           | 2.089                | Fluoride       |
| 2           | 6.655                 | 0.2955                | 1.823           | 3.151                | Chloride       |
| 3           | 8.828                 | 0.6617                | 3.210           | 3.124                | Nitrite        |
| 4           | 10.943                | 0.4352                | 1.847           | 10.448               | Bromide        |
| 5           | 12.660                | 0.6099                | 2.262           | 2.613                | Nitrate        |
| 6           | 14.337                | 0.4175                | 1.073           | 5.286                | Phosphate      |
| 7           | 16.123                | 1.1025                | 2.925           | 15.556               | Sulfate        |

**Sample data**

Ident . . . . . CCB  
Sample type . . . . . Sample  
Determination start . . . . . 2024-12-26 17:09:09 UTC-5  
Method . . . . . IC1-121824  
Operator . . . . .

**Anions**

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

**Anions**