

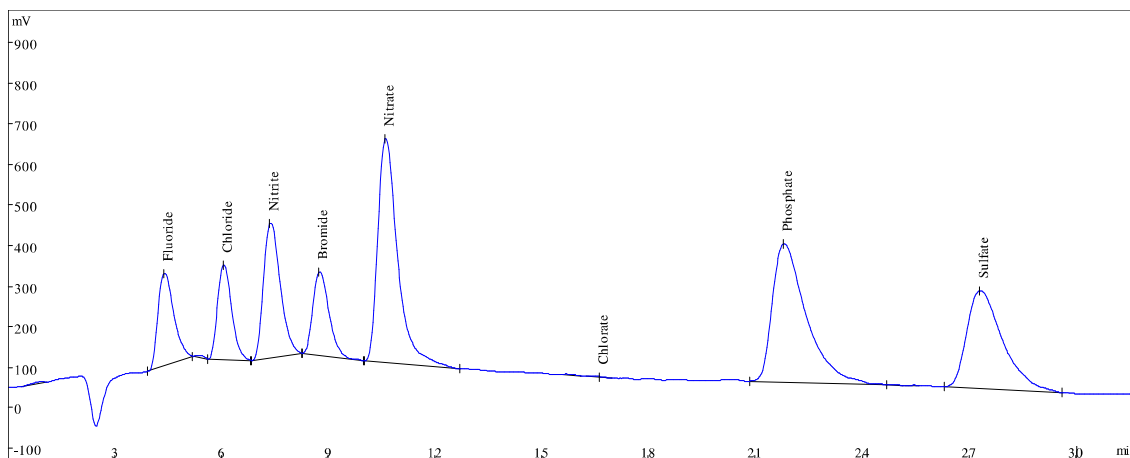
# APPLICATION NOTE



## Hamilton PRP-X110S – Separation of Anions

Equipment ..... : IONUS  
Column ..... : PRP-X110S, 7  $\mu$ m, 150 mm x 4.1 mm ID, P/N 79733, S/N 136  
(Hamilton Company, USA)  
Eluent profile..... : 1.8 mM Sodium carbonate  
1.7 mM Sodium hydrogen carbonate  
0.1 mM Sodium thiocyanate  
Flow..... : 1000  $\mu$ l/min  
Temperature ..... : 50 °C  
Detection ..... : Conductivity with suppressor  
Injection volume..... : 20  $\mu$ l  
Sample ..... : Fluoride 8 mg/l  
Chloride 9 mg/l  
Nitrite 10 mg/l  
Bromide 20 mg/l  
Nitrate 10 mg/l  
Sulfate 30 mg/l  
Phosphate 30 mg/l

### Separation of 7 Anion Standard Solution



### Separation of Chlorate Standard Solution

