



## Ion Chromatography (IC)



Ion Chromatography is a process that allows the separation of ions and polar molecules based on their affinity to the ion ex-changer.

The ion chromatography in CESEL is commonly used in water analysis for anions.

We perform isocratic ion chromatography (IC) separations using conductivity detection. The default settings allow the detection of anions such as  $F^-$ ,  $Br^-$ ,  $Cl^-$ ,  $NO_2^-$ ,  $NO_3^-$ ,  $PO_4^{3-}$ ,  $SO_4^{2-}$ .

By selecting a suitable column, one can detect more types of anions.

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