Ion Chromatography (IC) *for anions*

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. The preconfigured Dionex ICS-1000 integrated system performs 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-} & $S_2O_8^{2-}$. By selecting a suitable column, one can detect more types of anions.

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