Separation Science & Thermal Analysis Section (SS & TAS), ACD

Ion Chromatograph

Make : Metrohm

Method : Conductometric determination

of separated ions

Range : 0.1 –100 ppm

Detection limit: 0.01ppm

Reproducibility : < 2%

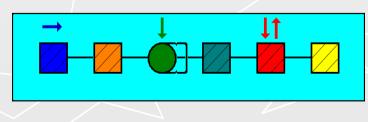
In this technique ions are separated on an ion exchange column followed by a suppressor column to remove eluent ions of high conductance. A conductivity detector is used to measure conductance of ions.

Samples analyzed

Different types of water samples Cesium iodide, Lithium hydroxide, etc



Eluent Injector



Pump

Suppressor

Detector