



## **Method Summary**

### **Determination of Iodide in sea water by Ion Selective Electrode**

#### **Scope and Range**

This method is applicable to sea water only

This method is for the determination of Iodide in sea water

The range of the method is 1 – 5.0 mg/l

The lowest reporting level for this method is 1 mg/l

This method has no accreditation

#### **References**

none

#### **Principle**

Sea water samples are treated with ionic strength adjusters and iodide ions are measured by ISE. Comparison with a range of standard solutions gives the concentrations in the original sample.

#### **Interferences**

Chloride is an interference with a maximum ratio  $2.8 \times 10^5$  ppm, i.e. for 1ppm Iodide the maximum chloride level should not be more than 280000mg/l