

Method Abstract #107

Salinity

Scope and Application

This method determines the salinity value of water samples. It conforms to Standard Methods 2520 B.

Method Summary

The conductivity of the sample is measured with a conductivity meter and the Salinity Value is calculated.

Method Performance

Parameter	Specification
Measuring Range*	0.1 – 42 Salinity Value
MDL	0.1 Salinity Value
RSD @ 0.1 Salinity Value	0.783%
RSD @ 1 Salinity Value	0.560%
RSD @ 25 Salinity Value	0.359%
RSD @ 42 Salinity Value	0.427%

*This measuring range was determined by analyzing laboratory-prepared standards formulated from potassium chloride.

**The Method Detection Limit (MDL) was determined based on data obtaining a coefficient of variance better than 30%. Results may differ depending on laboratory practices and sample matrix.