

Method Abstract #13

Nitrite in Coolants

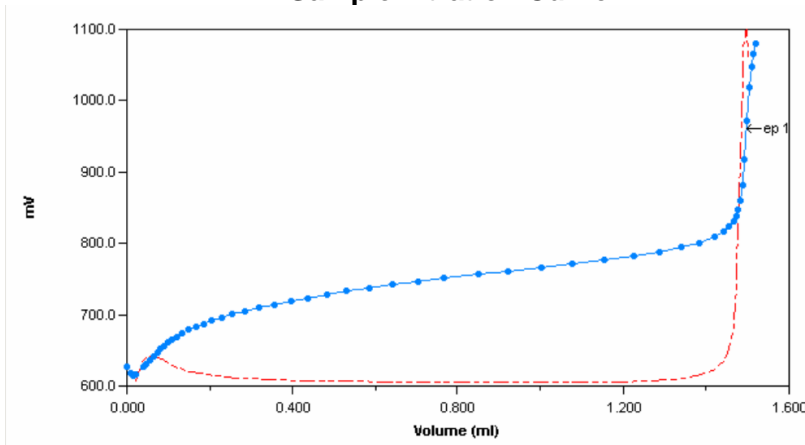
Scope and Application

This application is used for determination of nitrite concentration in coolant samples. There are no known methods of conformity.

Method Summary

Nitrite concentration is determined by titration with ceric sulfate using a redox electrode. The sample is titrated until a strong endpoint is reached.

Sample Titration Curve



Method Performance

Parameter	Specification
Measuring Range*	300 - 1500 ppm
RSD for 1000 ppm Standard	2.34% or +/- 23.42

*This measuring range was determined by analyzing laboratory prepared standards. The measuring range may be increased by using larger capacity analysis vessels and/or auto-dilution.