

Application Memo

Sodium Sulfite (Anhydrous)

Industry	Inorganic chemical industry
Instrument	Automatic potentiometric titrator
Measurement method	Redox titration
Standards	

1. Overview

The test sample first added with 0.05mol/L iodine is left for 5 minutes, and after hydrochloric acid (2+1) is added, titrated with 0.1mol/L sodium thiosulfate up to the endpoint. The concentration of sodium sulfite is calculated from the titration volume of sodium thiosulfate.

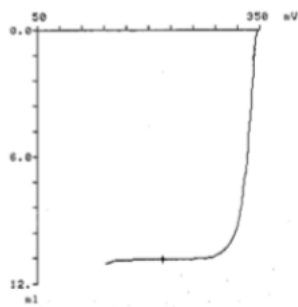
2. Apparatus

Main unit	Automatic potentiometric titrator (Standard preamplifier STD)
Electrode	Combined platinum electrode

3. Reagents

Titrant	0.1mol/L sodium thiosulfate solution
Reagent	0.05mol/L Iodine solution, Hydrochloric acid (2+1)

4. Example



—Titration curve—

—Measurement result—

	Sample (g)	Titer (mL)	Sodium sulfite (%)
1	0.2506	10.8751	97.76

Please feel free to contact us for any further information.
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