

Application Memo

Determination of NaBr in Film Developer

Industry	Organic chemical industry
Instrument	Automatic potentiometric titrator
Measurement method	Precipitation titration
Standards	

1. Overview

After adding Sulfuric acid to the diluted sample, it is titrated with the 0.1mol/L silver nitrate solution. The endpoint is obtained on titration curve. The NaBr concentration is calculated from the titration volume up to the endpoint.

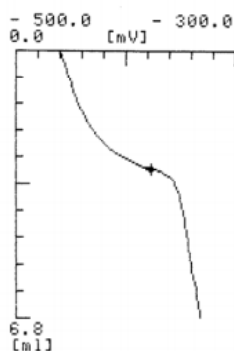
2. Apparatus

Main unit	Automatic potentiometric titrator (preamplifier STD)
Electrode	Silver electrode Mercury sulfate reference electrode

3. Reagents

Titrant	0.1mol/L silver nitrate solution
Solvent	Sulfuric acid (3.5mol/L)

4. Example



-Titration curve-

—3 times measurement result—

	Concentration(g/L)
Average	1.262
SD	0.054
RSD(%)	0.43

Please feel free to contact us for any further information.

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