

Application Memo Salinity of Egg Yolk

Industry	Food & beverage
Instrument	Automatic potentiometric titrator
Measurement method	Precipitation titration
Standards	

1. Overview

Generally, sodium chloride is measured according to Mohr method. After stirring the egg yolk, dilute it with pure water and stir again. The sample is titrated by an automatic potentiometric titrator with 0.1mol/L silver nitrate up to the endpoint. The salinity is obtained by converting the titrated volume to NaCl. The endpoint is found at the maximum point of inflection.

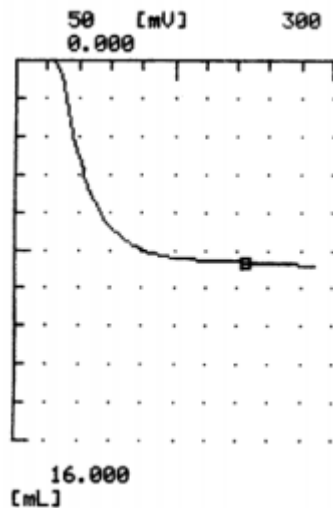
2. Apparatus

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

3. Reagents

Titrant	0.1mol/L silver nitrate
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4. Example



-Titration curve-

-Measurement results-			
	Sample (g)	Titer (mL)	Salinity (%)
1	0.5133	8.5100	9.708
2	0.5130	8.5134	9.718
3	0.5176	8.5704	9.696
Average			9.707
SD			0.011
RSD(%)			0.11

Please feel free to contact us for any further information.
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