

Application Memo

Determination of Salt in Chicken Stock Powder

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

1. Overview

Salt is measured by titration with 0.1mol/L silver nitrate solution. The endpoint is the maximum inflection on the titration curve. The salt concentration is calculated from the titration volume of the silver nitrate solution.

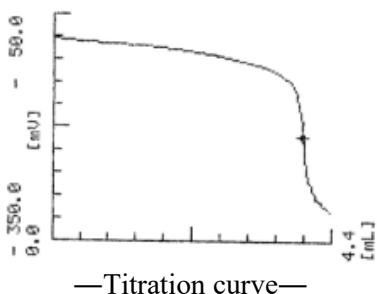
2. Apparatus

Main unit Automatic potentiometric titrator (preamplifier STD)
Electrode Combined silver electrode (Internal solution:1mol/L KNO₃)

3. Reagents

Titrant 0.1mol/L silver nitrate solution

4. Example



—Measurement results—

	Sample (g)	Titer (mL)	Conc. (%)
1	0.0534	3.9488	43.56
2	0.0564	4.1875	43.73
3	0.0582	4.2817	43.34
Average			43.55
SD			0.20
RSD(%)			0.46

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