

## Application Memo

# Salt Content (NaCl) In Dressing

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

## 1. Overview

After adding nitric acid and water to the sample, salt is measured by titration with 0.1mol/L silver nitrate solution. The endpoint is the maximum inflexion on the titration curve. The salt concentration is calculated from the titration volume of the silver nitrate solution.

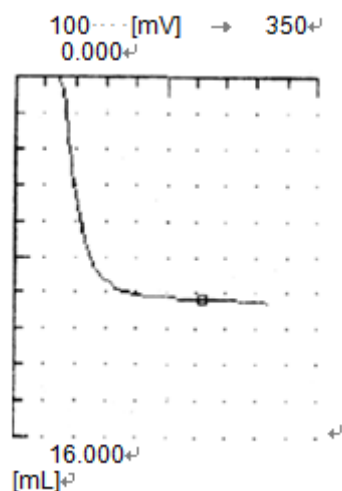
## 2. Apparatus

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

## 3. Reagents

Titrant	0.1mol/L silver nitrate solution
Solvent	Water
Additive	Nitric acid (1.38)

## 4. Example



—Titration curve—

—Measurement results—			
	Sample size (g)	Titer (mL)	Concentration (%)
1	1.0292	9.8560	5.5964
2	1.0162	9.7304	5.5958
3	1.0126	9.6944	5.5949
Average			5.5957
SD			0.0008
RSD(%)			0.01

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