

## Application Memo

# Salinity of Worcestershire Sauce

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

## 1. Overview

The diluted sample is titrated with 0.1 mol/L silver nitrate up to the endpoint, which is the maximum inflexion point on the titration curve. Salinity is calculated from the titration volume of the silver nitrate solution.

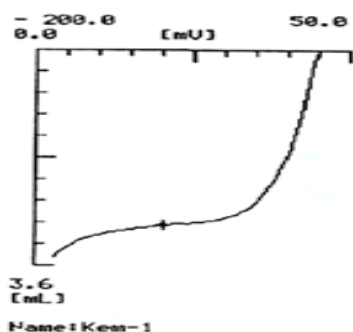
## 2. Apparatus

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

## 3. Reagents

Titrant	0.1 mol/L silver nitrate
---------	--------------------------

## 4. Example



—Measurement results—

	Sample (g)	Titer (mL)	Concentration (w/w%)
1	2.0008	2.9507	8.6013
2	2.0008	2.9437	8.5809
3	2.0008	2.9451	8.5849
Average			8.5890
SD			0.0108
RSD(%)			0.1259

—Titration curve—

Please feel free to contact us for any further information.  
 <Contact> Kyoto Electronics Manufacturing Co., Ltd.  
 Overseas Sales & Marketing Sect.  
<http://www.kyoto-kem.com/en/contact/form.php>