

## Application Memo

# Citric Acidity in Pickled Plums (Umeboshi)

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

### 1. Overview

Examine the possibility to measure the citric acidity in pickled plums by Automatic potentiometric titrator and find that good repeatability is obtainable.

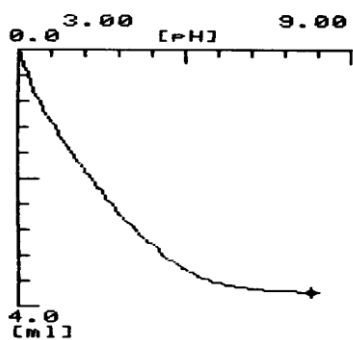
### 2. Apparatus

Main unit	Automatic potentiometric titrator
Electrode	pH glass electrode Silver electrode Mercury sulfate type reference electrode Temperature compensation electrode

### 3. Reagents

Titrant	0.1mol/L sodium hydroxide
Solvent	Pure water

### 4. Example



—Measurement results—

	Sample size (g)	Titer (mL)	Concentration (%)
1	0.5080	3.8049	5.243
2	0.5047	3.7926	5.260
3	0.5063	3.7846	5.233
Average			5.245
SD			0.014
RSD(%)			0.27

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>