

Application Memo

Acidity of Worcester Sauce

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

1. Overview

Acetic acid concentration as acidity of the diluted sample is measured by titration with 0.1mol/L sodium hydroxide up to pH8.3. The acetic acid concentration is calculated from the titration volume of the sodium hydroxide.

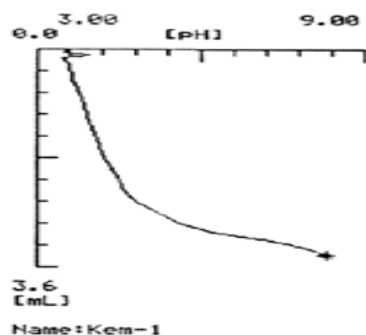
2. Apparatus

Main unit	Automatic potentiometric titrator
Electrode	Combined glass electrode Temperature compensation electrode

3. Reagents

Titrant	0.1mol/L sodium hydroxide
---------	---------------------------

4. Example



—Titration curve—

—Measurement results—

	Sample size (mL)	Titer (mL)	Concentration (g/L)
1	1	3.4481	20.39
2	1	3.3994	20.10
3	1	3.4320	20.30
Average			20.26
SD			0.15
RSD(%)			0.73

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>