

Application Memo

Acidity of Japanese Shochu Spirits

Industry	Food & beverage
Instrument	Automatic potentiometric titrator
Measurement method	Acid-base titration
Standards	Official Analysis Method of National Tax Agency JAPAN

1. Overview

The acidity of shochu is measured by titration with sodium hydroxide according to the above standard. Potentiometrically titrate shochu sample with 0.01ml/L sodium hydroxide up to pH8.2 and convert the titration volume to acetic acid.

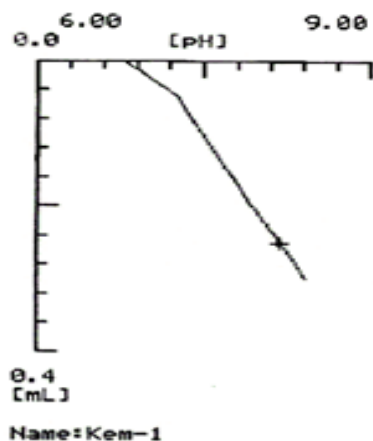
2. Apparatus

Main unit	Automatic potentiometric titrator (preamplifier STD)
Electrode	Combined glass electrode Temperature compensation electrode

3. Reagents

Titrant	0.01mol/L-sodium hydroxide
---------	----------------------------

4. Example



—Measurement results—

	Sample size (mL)	Titer (mL)	Concentration (g/L)
1	50	0.2510	0.00301
2	50	0.2507	0.00300
3	50	0.2459	0.00294
Average			0.00298
SD			0.00004
RSD(%)			1

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>