

Application Memo

Acidity of Yogurt

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

1. Overview

Based on “Yogurt-Determination of titratable acidity –Potentiometric method ISO11869:1997(E)”, the titration volume of 0.1mol/L sodium hydroxide up to pH8.3 was converted to the lactic acid concentration.

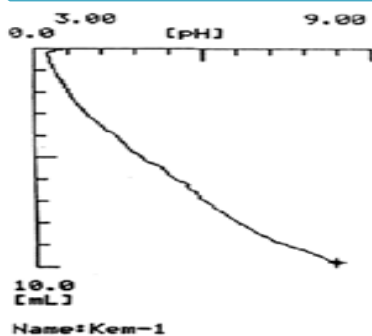
2. Apparatus

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

3. Reagents

Titrant	0.1mol/L sodium hydroxide
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4. Example



—Titration curve—

—Measurement results—

	Sample size (g)	Titer (mL)	Concentration (mol/100g)
1	9.990	9.8650	0.00981
2	9.998	9.9084	0.00985
3	9.999	9.8132	0.00975
Average			0.00980
SD			0.00005
RSD(%)			0.5

Please feel free to contact us for any further information.
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