

Application Memo

Acid Value of Perfume

Industry	Cosmetics & soap
Instrument	Automatic potentiometric titrator
Measurement method	Photometric titration
Standards	

1. Overview

After adding ethanol and the indicator to the sample, acid value is measured by titration with 0.1mol/L potassium hydroxide in ethanol solution. The endpoint is the maximum inflexion on the titration curve. The acid value is calculated from the titration volume of the titrant.

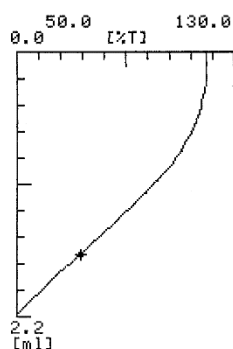
2. Apparatus

Main unit	Automatic potentiometric titrator (preamplifier PTA)
Electrode	Photometric sensor Interference filter (530nm)

3. Reagents

Titrant	0.1mol/L KOH in Ethanol
Indicator	1% phenolphthalein solution in Ethanol
Solvent	Ethanol

4. Example



—Titration curve—

—Measurement results—

	Sample (g)	Titer (mL)	Conc.
1	2.0208	1.6909	4.6950
2	2.0209	1.6412	4.5568
3	2.0107	1.6353	4.5634
Average			4.6051
SD			0.0780
RSD(%)			1.69

Please feel free to contact us for any further information.
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