

Application Catalog

Calcium in Soap Scum

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

1. Overview

Calcium in soap scum is measured by titration with 0.01mol/L EDTA after the sample is added with 8mol/L water and potassium hydroxide.

The endpoint is determined from inflexion on the titration curve by the color change of indicator. The calcium concentration is calculated from the titration volume of EDTA.

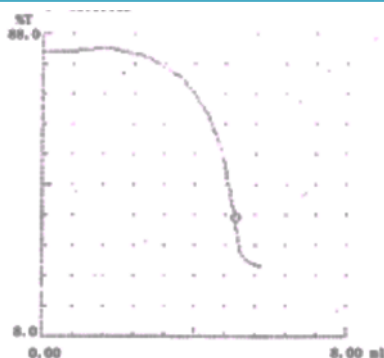
2. Apparatus

Main unit	Automatic potentiometric titrator (preamplifier PTA)
Detector	Photometric sensor Interference filter (630nm)

3. Reagents

Titrant	0.01mol/L EDTA
Solvent	Pure water
Indicator	NN indicator
Additive	8mol/L potassium hydroxide

4. Example



-Titration curve-

-Measurement results-

	Sample (g)	Titer (mL)	Conc. (%)
1	0.5451	5.0790	3.749

Please feel free to contact us for any further information.
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