

Application Memo

Acidity of Oyster Sauce

| | |
|--------------------|-----------------------------------|
| Industry | Food & beverage |
| Instrument | Automatic potentiometric titrator |
| Measurement method | Acid base 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.

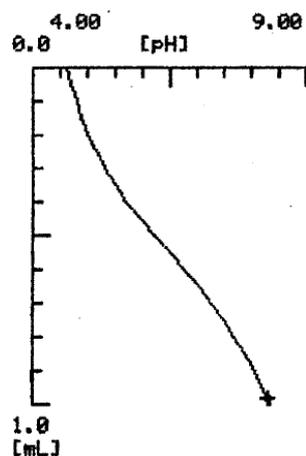
2. Apparatus

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

3. Reagents

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

4. Example



-Titration curve-

-Measurement results-

| | Sample (g) | Titer (mL) | Concentration (mg/g) |
|---------|------------|------------|----------------------|
| 1 | 1.0065 | 0.9866 | 5.934 |
| 2 | 1.0088 | 0.9934 | 5.962 |
| 3 | 1.0057 | 0.9874 | 5.944 |
| Average | | | 5.947 |
| SD | | | 0.014 |
| RSD(%) | | | 0.23 |

Please feel free to contact us for any further information.

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