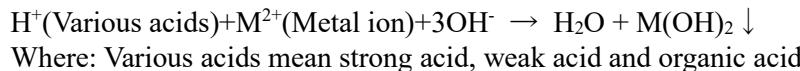


## Application Memo Alkali Consumption of Industrial Effluent

Industry	Environmental
Instrument	Automatic potentiometric titrator
Measurement method	Acid-base titration
Standards	JIS K 0102

### 1. Overview

According to JIS K 0102-2019-16, the sample liquid is titrated with 0.1mol/L sodium hydroxide up to pH4.8 and pH8.3. The measurement result is expressed by hydroxide ion (alkali) in mmol/L required to neutralize dissolved acids and metal ion which reacts with alkali or by amount (mg/L) of calcium carbonate equivalent to the alkali.



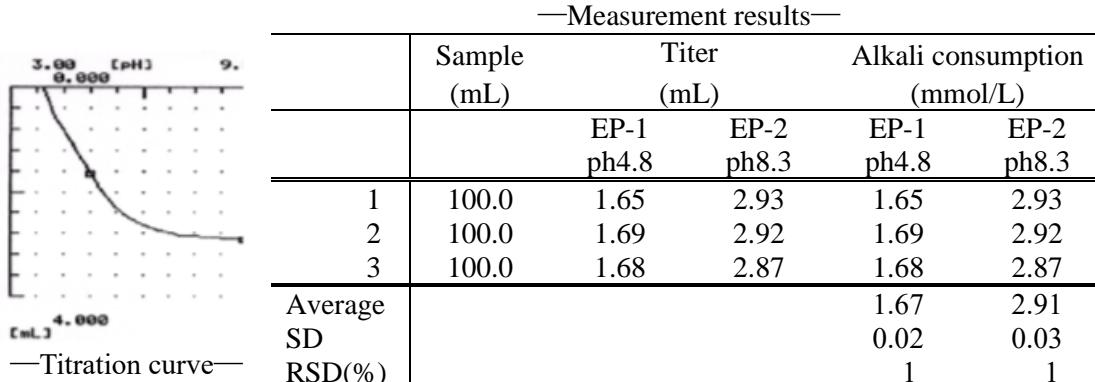
### 2. Apparatus

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



Please feel free to contact us for any further information.

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