

## Application Memo

# Moisture Determination in Beer

Industry	Food and beverage
Instrument	Karl Fischer moisture titrator
Measurement method	Volumetric titration (Direct method)
Standards	JIS K0113, ASTM E203, ISO 760

## 1. Overview

Moisture titration with Karl Fischer reagent is the most reliable moisture measurement method in the world. The procedure is adopted in many official standards as test method specified in ISO, ASTM, DIN, BS and JIS.

Here in this application, we measure water content in the beer by direct method of KF titration according to JIS K 0113.

Beer is usually soluble in methanol and easy to measure water content.

## 2. Apparatus

Main unit	Karl Fischer moisture titration volumetric system
Electrode	Twin platinum electrode

## 3. Reagents

Titrant	KEMAQUA titrant TR-5
Solvent	KEMAQUA solvent MET for general

## 4. Example

Sample	Sample size (g)	Moisture content	
		mg	%
beer	0.0942	87.18	92.55

Please feel free to contact us for any further information.

<Contact> Kyoto Electronics Manufacturing Co., Ltd.  
Overseas Sales & Marketing Sect.

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