

Application Memo

Measurement of Salt Content in Sweet Sake (Mirin)

Industry	Food
Instrument	
Measurement method	Precipitation titration
Standards	GB 5009.44

Salt concentration in the diluted sample is measured by titration with 0.1mol/L silver nitrate solution. The endpoint is the maximum inflexion on the titration curve. The salt concentration is calculated from the titration volume of the silver nitrate solution.

Main unit	Automatic potentiometric titrator (preamplifier STD)
Electrode	Silver electrode Mercury sulfate reference electrode

Titrant	0.1 mol/L silver nitrate solution
Solvent	Pure water

—Measurement results—			
	Sample (mL)	Titration (mL)	Conc.

-Titration curve-