



Application Note

Determination of moisture content in acrinol monohydrate

Industry	Pharmaceutical
Instrument	Karl Fischer moisture titrator
Measurement method	Volumetric titration/Direct method
Standards	The Japanese Pharmacopoeia, GB/T 6283

Measuring the moisture content in acrinol monohydrate using the Karl Fischer volumetric titration method is stipulated in the Japanese Pharmacopoeia. This Application Note describes an example of measuring the moisture content of this solution in accordance with the Japanese Pharmacopoeia.

The method uses organic solvents, so place the Karl Fischer moisture titrator inside fume food.

Drain the dehydrating agent, and then clean the titration flask and twin platinum electrode using methanol.

If the burette is left filled with titrant, crystals will be deposited in organic in gan i

- Preparation -

- 1) Add approximately 50 mL of the dehydrating agent to a titration flask.
- 2) Perform pre-titration, and remove the water from within the titration cell.



