

PHARMACEUTICAL TESTING & ANALYTICAL SOLUTIONS

Karl Fischer Titrator

Determines water content by volumetric or coulometric Karl Fischer titration.

DESCRIPTION

Determines water specifically, through a reaction in which iodine is consumed in proportion to the water present. Volumetric titration suits samples in the percent range; coulometric generates the iodine electrically and reaches parts per million, which is where most APIs and solvents have to be measured.

APPLICATIONS

Water content in APIs, excipients, solvents and finished product; hygroscopicity studies; solvent release.

METHOD & COMPLIANCE REFERENCE

Water determination is described in USP <921> and Ph. Eur. 2.5.12.

SUPPLIED AND SUPPORTED IN BANGLADESH

- Import, customs, delivery, site preparation and installation.
- IQ/OQ qualification, scheduled calibration and validation support.
- Genuine spare parts, consumables and operator training in Dhaka.

Specifications, capacities and model options vary by configuration and are confirmed with each quotation. This sheet is generated from our product catalogue; the full manufacturer datasheet is available on request.