

Application Memo

Industry	Inorganic chemical industry
Instrument	Automatic potentiometric titrator
Measurement method	Acid-base titration
Standards	GB/T 1274, GB 1886.337

Potassium dihydrogen phosphate is determined by titration with 1mol/L sodium hydroxide after the sample is added with sodium chloride and dissolved in water. Titration goes up to the endpoint which is the maximum inflexion on the titration curve. The concentration of potassium dihydrogen phosphate is calculated from the titration volume of sodium hydroxide.

Main unit	Automatic potentiometric titrator (preamplifier: STD)
Electrode	pH glass electrode Ceramic reference electrode Temperature compensation electrode