

## 6.4 P H.

### 6.4.1 instrument

PH meter: precision 0.01 pH, with glass electrode and permanent electrode (or composite electrode)

### 6.4.2 analysis steps

Adjust and calibrate the pH meter according to the instruction.

A 30% dry substance glucose syrup was prepared with newly boiled and cooled neutral distilled water. Then, rinse the electrode probe with distilled water, gently dry it with filter paper, and insert the electrode into the sample solution to be tested. Adjust the temperature regulator to make the indicated temperature of the instrument be the same as that of the solution, and read after stabilization.

The result is expressed as a decimal number.