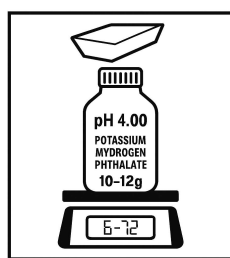


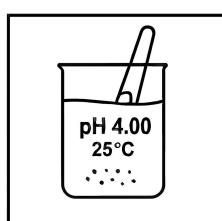
Preparation of pH buffer solution

Please weigh the reagent according to the quantity specified in the table below, dissolve it in 25°C water, and make up to 1000mL in a volumetric flask. The conductivity of the water should be less than 2µS/cm, boil for a few minutes to remove carbon dioxide and allow it to cool before use.

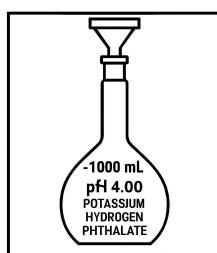
standard material	pH (25°C)	The mass of reagents contained in each 1000mL aqueous solution (25°C)
Potassium Hydrogen Phthalate	4	10.12g
Potassium Dihydrogen Phosphate + Disodium Hydrogen Phosphate	6.86	3.388g + 3.533g
Sodium Tetraborate	9.18	3.80g



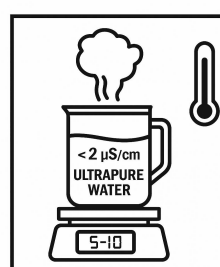
Weigh accurately
using calibrated balance



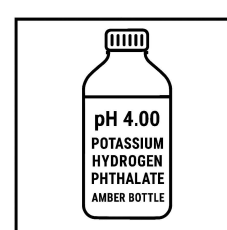
Dissolve completely
in pre-treated water



Make up to volume
at 25°C



Boil to remove CO₂



Label and store