

Acidity measure MpH-1, 2

INTENDED FOR

reproducing and transmitting the indicator of the activity of hydrogen ions (pH) in aqueous solutions. The working standard represents a hydrochloric acid solution (HCL) and potassium chloride (KCl) in water of purity degree II, prepared in accordance with the document "Preparation of acidity measure MpH-1,2. Technological instruction. MG- FK.25101.00006".



The solution reproduces the value of the activity of hydrogen ions of pH 1, 2 at solution temperature of $(36,5 \pm 0,5) ^\circ\text{C}$.

The solution is contained in plastic bottles with a volume of 125 cm³ and 270 cm³. The bottles are leakproof and have a screw cap with a protective ring.

Reproducible value of pH at temperature of solution $(36,5 \pm 0,5) ^\circ\text{C}$	1,20
Limits of permissible absolute error of pH reproduction	$\pm 0,05$
Volume of measure, cm ³	125, 270
Bottle capacity, cm ³	125, 270
Lifetime, years not less than	1