

Potassium Hydroxide USP Specification

Sr.No	Test	Specification
1	Description	White or almost white, crystalline hard masses, supplied as sticks, pellets or irregularly shaped pieces; deliquescent and absorbs carbon dioxide.
2	Solubility	Very soluble in water; freely soluble in ethanol (96 per cent).
3	Identification by potassium	It give reaction of potassium.
4	Identification by pH	Not less than 10.5
5	Sodium	Not more than 1.0%
6	Insoluble Substances	Solution is complete, clear and colourless
7	Potassium Content	Not less than 59.90%
8	Assay – Total Alkali, calculated as KOH	Not less than 85.00%, including not more than 3.50% of Potassium Carbonate