

Potassium Hydroxide (KOH) 45% LM

Assay Parameter	Unit	Specification LM
Assay (KOH)	%	45.0-46.5
Color (APHA)	APHA	10
Appearance	Test	Pass
Density at 25 oC	g/ml	1.45-1.47
Identification	Test	Pass
Insoluble Matter	ppm	Max 20
Potassium Carbonate (K ₂ CO ₃)	%	Max 0.1
Ammonium Hydroxide Precipitate	ppm	Max 20
Chloride	ppm	Max 30
Nitrogen Compounds (as N)	ppm	Max 20
Phosphate (PO ₄)	ppm	Max 1
Sulfate (SO ₄)	ppm	Max 5
Aluminum (Al)	ppm	Max 2
Chromium (Cr)	ppm	Max 5
Copper (Cu)	ppm	Max 0.05
Heavy Metals (as Ag)	ppm	Max 3
Iron (Fe)	ppm	Max 1
Lead (Pb)	ppm	Max 2
Mercury (Hg)	ppm	Max 0.1
Nickel (Ni)	ppm	Max 1
Sodium (Na)	ppm	Max 100
Zinc (Zn)	ppm	Max 2