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Product Specifications

KOH

Catalogue Number	30054
Product	Potassium hydroxide, pellets
CAS Number	1310-58-3
Molecular Formula	KOH
Molecular Weight	56.11

Appearance	White, deliquescent pellets
Solubility	11 g in 100 mL water at 20 °C
Melting Point	360 °C (approx.)
Elemental Analysis (Theory)	Nitrogen compounds (as N) : $\leq 0.001\%$
Heavy Metals	$\leq 0.001\%$ (as Ag)
Anion	Chloride (Cl) : $\leq 0.01\%$ Phosphate (PO ₄) : ≤ 5 ppm Sulfate (SO ₄) : $\leq 0.003\%$
Cation	Calcium (Ca) : $\leq 0.005\%$ Iron (Fe) : $\leq 0.001\%$ Magnesium (Mg) : $\leq 0.002\%$ Nickel (Ni) : $\leq 0.001\%$ Sodium (Na) : $\leq 0.05\%$
Carbonate	$\leq 2\%$ (as K ₂ CO ₃)
Assay by titration	$\geq 85\%$ (as KOH)
Grade	ACS reagent
Storage	Store at RT

For Laboratory Use Only