

CERTIFICATE OF ANALYSIS (COA)

Product Name: Potassium Hydroxide 90%

Chemical Name: Potassium Hydroxide

INCI Name: Potassium Hydroxide

CAS No.: 1310-58-3

Molecular Formula: KOH

Molecular Weight: 56.11 g/mol

Physical State: Solid

Batch/Lot No.: BPCPH9012026

Retest/Expiry Date: January 2029

Origin: India

Test Parameter	Specification	Result
Appearance	White to yellow flakes; hygroscopic	Conforms
Odour	Odourless	Conforms
Assay (KOH)	≥ 90.0%*	Conforms
pH	Approx. 13.5 (0.1 M solution)	Conforms
Melting / Freezing Point	Approx. 380°C (716°F)	Conforms
Initial Boiling Point / Range	Approx. 1320°C (2408°F)	Conforms
Flash Point	Not applicable	Conforms
Evaporation Rate	Not applicable	Conforms
Flammability	Will not burn	Conforms
Upper / Lower Flammability Limits	Not applicable	Conforms
Vapour Pressure	Approx. 0 kPa (0 mm Hg)	Conforms
Relative Density	Approx. 2.04 at 20°C	Conforms
Water Solubility	Very soluble in water	Conforms

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