



Changsha RuiYang Material Co., Ltd.
长沙金睿洋新材料有限公司

Technical Data Sheet

Potassium Hydroxide (Caustic Potash)

Product: Potassium Hydroxide (Caustic Potash)

Molecular Formula: KOH

Molecular Weight: 56.11 g/mol

Cas No.: 1310-58-3

Density: 2.04 g/cm³ (solid); 1.50 g/cm³ (45% solution)

UN No. UN 1813, Class 8, PG II (solid); UN 1814, Class 8, PG II (solution)

HS Code: 28152000

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
KOH content	≥90.0%	≥85.0%	91.0%
K ₂ CO ₃	≤0.5%	≤1.0%	0.4%
KCl	≤0.05%	≤0.10%	0.03%
Iron (Fe)	≤10 ppm	≤20 ppm	6 ppm
Heavy metals (as Pb)	≤10 ppm	≤20 ppm	6 ppm
Moisture	≤0.5%	≤1.0%	0.4%

Chemical Properties

Chemical Properties: White flakes, pellets or colorless liquid. Density: 2.04 g/cm³ (solid); 1.50 g/cm³ (45% solution).