



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

Technical Data Sheet

Potassium Sulfate

Product: Potassium Sulfate
Molecular Formula: K₂SO₄
Molecular Weight: 174.26 g/mol
Cas No.: 7778-80-3
Density: 2.66 g/cm³
UN No. Non-hazardous for transport
HS Code: 31043000

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
Purity (K ₂ SO ₄)	≥98.0%	≥95.0%	98.5%
Potassium oxide (K ₂ O)	≥52.0%	≥50.0%	52.5%
Chloride (Cl)	≤1.0%	≤1.5%	0.7%
Moisture	≤0.5%	≤1.0%	0.4%
Water-insoluble matter	≤0.05%	≤0.10%	0.04%
Heavy metals (as Pb)	≤10 ppm	≤20 ppm	6 ppm

Chemical Properties

Chemical Properties: White or off-white crystalline powder. Density: 2.66 g/cm³.