



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

Technical Data Sheet

Ammonium Sulfate

Product: Ammonium Sulfate
Molecular Formula: $(\text{NH}_4)_2\text{SO}_4$
Molecular Weight: 132.14 g/mol
Cas No.: 7783-20-2
Density: 1.77 g/cm³
UN No. Non-hazardous for transport
HS Code: 31022100

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
Nitrogen (N) content	≥21.0%	≥20.5%	21.2%
Sulfur (S) content	≥23.0%	≥22.0%	24.1%
Free acid (as H ₂ SO ₄)	≤0.05%	≤0.10%	0.03%
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 or granules. Density: 1.77 g/cm³.