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

Technical Data Sheet

Ferrous Sulfate Heptahydrate

Product: Ferrous Sulfate Heptahydrate
Molecular Formula: $FeSO_4 \cdot 7H_2O$
Molecular Weight: 278.01 g/mol
Cas No.: 7782-63-0
Density: 1.90 g/cm³
UN No. Non-hazardous for transport
HS Code: 28332910

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
Purity ($FeSO_4 \cdot 7H_2O$)	≥98.0%	≥96.0%	98.4%
Iron (Fe) content	≥19.5%	≥19.0%	19.8%
Water-insoluble matter	≤0.05%	≤0.10%	0.04%
Lead (Pb)	≤10 ppm	≤20 ppm	8 ppm
Arsenic (As)	≤3 ppm	≤5 ppm	2 ppm
Free acid (as H_2SO_4)	≤0.5%	≤1.0%	0.3%

Chemical Properties

Chemical Properties: Light blue-green crystalline granules. Density: 1.90 g/cm³.

Changsha RuiYang Material Co., Ltd.
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