



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

Technical Data Sheet

Zinc Nitrate Hexahydrate

Product: Zinc Nitrate Hexahydrate
Molecular Formula: $\text{Zn}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$
Molecular Weight: 297.48 g/mol
Cas No.: 10196-18-6
Density: 1.71 g/cm³
UN No. UN 1514, Class 5.1, PG III
HS Code: 28342990

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
Purity ($\text{Zn}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$)	≥98.0%	≥98.0%	98.5%
Zinc (Zn) content	≥21.5%	≥21.0%	21.8%
Water-insoluble matter	≤0.05%	≤0.10%	0.04%
Lead (Pb)	≤20 ppm	≤50 ppm	15 ppm
Iron (Fe)	≤10 ppm	≤20 ppm	6 ppm
Sulfate (SO ₄)	≤0.05%	≤0.10%	0.03%

Chemical Properties

Chemical Properties: White crystalline solid. Density: 1.71 g/cm³.