



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

Technical Data Sheet

Manganese Sulfate Monohydrate

Product: Manganese Sulfate Monohydrate

Molecular Formula: $\text{MnSO}_4 \cdot \text{H}_2\text{O}$

Molecular Weight: 169.01 g/mol

Cas No.: 10034-96-5

Density: 2.95 g/cm³

UN No. UN 3077, **Class** 9, **PG** III

HS Code: 28332940

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
Purity ($\text{MnSO}_4 \cdot \text{H}_2\text{O}$)	≥98.0%	≥97.0%	98.5%
Manganese (Mn) content	≥31.8%	≥31.0%	32.3%
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
Cadmium (Cd)	≤1 ppm	≤2 ppm	<1 ppm

Chemical Properties

Chemical Properties: Light pink to off-white crystalline powder. Density: 2.95 g/cm³.

Changsha RuiYang Material Co., Ltd.

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