



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

Technical Data Sheet

Monoammonium Phosphate (MAP)

Product: Monoammonium Phosphate (MAP)

Molecular Formula: $\text{NH}_4\text{H}_2\text{PO}_4$

Molecular Weight: 115.03 g/mol

Cas No.: 7722-76-1

Density: 1.80 g/cm³

UN No. Non-hazardous for transport

HS Code: 31054000

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
Total N+P ₂ O ₅	≥73.0%	≥70.0%	73.5%
Nitrogen (N)	≥11.5%	≥11.0%	11.8%
Phosphorus (P ₂ O ₅)	≥61.0%	≥58.0%	61.5%
Moisture	≤0.5%	≤1.0%	0.4%
Water-insoluble matter	≤0.05%	≤0.10%	0.04%
pH (1% solution)	4.3-4.7	4.0-5.0	4.5

Chemical Properties

Chemical Properties: White crystalline powder or granules. Density: 1.80 g/cm³.