

M硝酸镁

Magnesium Nitrate



产品名称：**硝酸镁**

执行标准：HG3-1077-77

分 子 式： $\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$

分 子 量：256.4

性 质：无色单斜结晶或白色晶体，极易溶于水、液氨、甲醇及乙醇。常温下稳定，相对密度1.461，高于熔点 95°C 脱水生成碱式硝酸镁,加热到 300°C 开始分解，在 400°C 以左右则完全分解为氧化镁及氧化氮气体。

用 途：工业上用作浓硝酸的脱水剂、触媒催化剂及其它镁盐和硝酸盐原料、小麦灰化剂等。农业上用于可溶性氮镁肥作无土栽培的肥料。

包 装：25/50/1000KG塑编袋、纸塑复合袋包装或按客户要求。

规格：

主要指标名称	指 标	
	工业级	农业级
硝酸镁 [$\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$] %	≥ 98.5	≥ 98.0
氮含量(N) %	≥ 10.7	≥ 10.7
氧化镁含量(MgO) %	≥ 15.0	≥ 15.0
PH 值	4.0-6.0	4.0-6.0
氯化物 %	≤ 0.001	≤ 0.005
游离酸 %	≤ 0.02	-
重金属 %	≤ 0.002	≤ 0.002
水不溶物 %	≤ 0.05	≤ 0.1
铁 %	≤ 0.001	≤ 0.001



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Quality Standard: HG3-1077-77

Molecular Weight: 256.4

Property: Colorless monocline crystal or white crystal, most steady with hexahydrate are extremely apt to dissolve in water , liquid ammonia, methyl alcohol, ethanol, and it is easy to deliquesce. Dehydrate promptly when the melting point being higher than 95°C , begin to resolve when heat to 300°C , totally break up into the magnesium oxide and nitrogen oxide gas at about 400°C . Magnesium nitrate will self-ignite when mix organic matter.

Uses: Used as the dehydrating agent concentrating nitric on industry. It is raw material for making explosive, wheat ashing agent and other magnesium salt and nitrate; used as the chemical reagent in the laboratory.

Specification:

Main Index	Index	
	Industrial grade	Agricultural grade
MagnesiumNitrate [$\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$] %	≥ 98.5	≥ 98.0
Magnesium oxide content%	≥ 15.0	≥ 15.0
Nitrogen content%	≥ 10.7	≥ 10.7
Aqueous solution reaction	Qualified	Qualified
Water insoluble %	≤ 0.05	≤ 0.1
Chloride %	≤ 0.001	≤ 0.005
Sulfate %	≤ 0.02	-
Fe %	≤ 0.001	≤ 0.001
Heavy metal%	≤ 0.002	≤ 0.002
PH Value	4.0-6.0	4.0-6.0

Package: plastic woven bag or paper plastic composite bag,
Net weight: 25/50/500/1000kg or according to customer's request.