

硝酸钙

Calcium Nitrate



产品名称：**硝酸钙**

技术标准：Q/140706CSC002-2005

分子式： $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$

分子量：236.15

性质：无色透明单斜晶体，易溶于水、甲醇、乙醇，在空气中极易潮解。

用途：用于橡胶工业的絮凝剂。石油探井，污水处理及水泥硬化促进剂。农业上用作无土栽培，酸性土壤的速效肥料。轻工业用于制造白炽灯罩。电子仪表工业用于涂覆阴极，是制造其它硝酸盐类的原料。

储运：应储存在阴凉、干燥的库房内。包装必须密封、防潮。不得与有机物、硫磺等共储运。运输过程中要防止雨淋和烈日曝晒。装卸时要小心轻放。

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
硝酸钙 $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}\%$	$\geq$	99.0	99.0
总N %	$\geq$	11.5	11.5
CaO %	$\geq$	23.0	23.0
水不溶物 %	$\leq$	0.01	0.01
PH值范围		4.5 — 6.5	4.5 — 6.5
重金属 %	$\leq$	0.0005	0.001
硫酸盐 %	$\leq$	0.02	0.02
铁%	$\leq$	0.002	0.01
氯化物 %	$\leq$	0.005	0.005



Calcium Nitrate

Quality Standard: Q/140706CSC002-2005

Molecular Formula: $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$

Relative Molecular Weight: 236.15

Property: Colorless transparent monoclinic crystal, easily soluble in water, methanol and ethanol, and is deliquescent in the air. Calcium nitrate is also an oxidant, and so is combustible and explosive to organic substances and sulfur.

Use: Applied to flocculant of rubber emulsion, oil exploration well, sewage disposal and cement solidification accelerant. Used as soilless culture in agriculture, fertilizer with quick result for acid soil. Used in producing fireworks and lampshade in light industry. Used in producing dynamite in national defense industry, in coating cathode. And it is also the materials for producing other nitrates.

Specification:

Item		Index	
		Industrial grade	Agricultural grade
$\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}\%$	$\geq$	99.0	99.0
Total N%	$\geq$	11.5	11.5
CaO%	$\geq$	23.0	23.0
Insoluble substance in water%	$\leq$	0.01	0.01
Range of PH value		4.5-6.5	4.5-6.5
Heavy metal %	$\leq$	0.0005	0.001
Sulphate %	$\leq$	0.02	0.02
Fe %	$\leq$	0.002	0.01
Chloride %	$\leq$	0.005	0.005

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