



Specialized in chemicals

Technical Data Sheet

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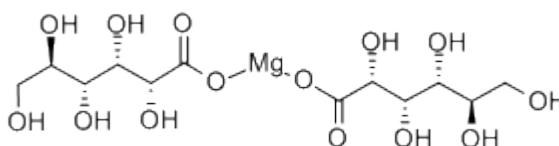
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Magnesium gluconate

Product Name	Magnesium gluconate
CAS No.	3632-91-5
Formula	C ₁₂ H ₂₂ MgO ₁₄
Molecular Weight	414.6
Chemical Structure	



Properties

White crystalline powder, no smell, no impurities, soluble in hot water, hardly soluble in ethanol.

Specification

Items	Specification
Appearance	White crystallize powder or granule
Identification	
A	To pass test
B	To pass test
PH	6.0~7.8
Chloride, %	≤ 0.05
Sulfate, %	≤ 0.05
Lead,ppm	≤ 10
Heavy metal,ppm	≤ 20
Assay, %	98-102
Water,%	3.0~12.0
Reducing substances,%	≤ 1,0
Magnesium content (as dihydrate),%	----

Particle size, Thru an 70 mesh	----
Total aerobic count	----
Molds-yeasts	----
E.Coli and Salmonella	----

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

- (1) magnesium gluconate disintegrate magnesium ions in the body and glucose acid, participates in the metabolism of all the energy and the activation of more than 300 enzyme catalytic systems.
- (2) has obvious muscle relaxation effect, can alleviate coronary artery spasm, reduce the release of acetylcholine, maintain the balance of the body potassium, magnesium ions.
- (3) lack of magnesium in the prevention of platelet aggregation and coronary thrombus formation, and calcium and membrane stability.
- (4) has obvious analgesic effect, especially for primary dysmenorrhea effect significantly.
- (5) can be used to prevent myocardial infarction and other cardiovascular diseases.
- (6) can promote metabolism, improve cell nutrition, increase appetite and nutrition, help development, etc.
- (7) is suitable for the treatment of nervous system diseases, blood vessels, hypotonia, hysteria, neurasthenia, rickets, anemia and tuberculosis

Packaging

25kg per fiber drum,6-7 tons per container.

Storage & Handling

Keep away from sources of ignition. No Smoking. Do not breathe vapor or mist. Avoid contact with skin, eyes, or clothing. Keep container tightly closed, in a well-ventilated place. Freezes (solidifies) at 18C.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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