

Magnesium Citrate

General Characteristics:

Formula:	C ₁₂ H ₁₀ Mg ₃ O ₁₄
Molecular weight:	451.1
Appearance:	White powder or almost white, fine powder
Odor:	Odorlessness
CAS Number:	153531-96-5
EINECS No.:	222-093-9

Nutritional Values

<u>Nutrient</u>	<u>Nutrient Quantity</u>
Energy	- none
Fat	
Of which	
saturates	- none
Mono-unsaturates	- none
Poly unsaturates	- none
Carbohydrate	
Of which	
Magnesium	15600g/100mg
Sugars	- none
Polyols	- none
Starch	- none
Fibre	- none
Protein	- none
Salt	- none

Uses:

Magnesium intensifier; buffer agent; coagulant; chelating agent. Can be used in cereals and their products, drinks and milk drinks, soft drinks.

Packing and Storage:

- 25kg/net paper bag and PE bags sealed inside.
- Store in a well-closed bag at room temperature, protect from light, moisture and pest infestation.
- Shelf life---three years

Microbiological Specification:

Total viable count	10 ⁴ CFU/gr.max
Yeast&Molds	100CFU/gr.max
E.Coli	Absent
Staphylococcus Aureus	Absent
Salmonella	Absent

GMO-Status:

The product is a non GMO product and is free from any recombinant DNA

Irradiation/Radioactivity:

Yunbo's Magnesium Citrate was never subjected to any kind of ionized irradiation and contains no radioactivity not even in minor amounts.

BSE/TSE:

No raw materials from bovine origin are used nor are any bovine constituents present in the product.

Specifications (USP36) :

Test Parameter	Specification
Assay(As Mg)	10.5~16.4%
Identification Magnesium	Complies
Identification Citrate	Complies
Sulfate	≤0.02%
Loss on drying	20.0%~32.0%
Fluoride	≤0.05%
Heavy metals	≤0.002ppm
Arsenic	≤0.0003ppm