

Technical Data Sheet

Version: 1.0 EN

Magnesium citrate powder, E 345i

Article number: D10386

General Information

Origin	Magnesium citrate (E345i) is an anhydrous, highly pure source of magnesium with approx. 16 % magnesium and good water solubility.
CAS Number	3344-18-1
EC Number	222-093-9
Appearance	White powder
Packaging	25 kg bags and small containers
Shelf life	24 months
Applications	Use in food
Allergens	None of the 14 main allergens added or contained
Compliance	E 345i, EP8.0, GB4789, GB5009

Specification Values

Parameter	Value
Content	15.0 - 16.5 %
Loss on drying	≤ 3.5 %
pH value	6.0 - 8.5
Heavy metals	≤ 10 mg/kg
Sulphates	≤ 0.2%
Oxalates	≤ 280 mg/kg
Calcium	≤ 0.2%
Iron	≤ 100 mg/kg
Mercury	≤ 0.1 mg/kg
Lead	≤ 3 mg/kg
Arsenic	≤ 1 mg/kg
Total bacterial count	≤ 1000 CFU/g
Yeasts and moulds	≤ 100 CFU/g
E.coli	Negative
Salmonella	Negative in 25g
Staphylococcus Aureus	Negative in 25g

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Nutritional Values

	Average Values (per 100g / 100ml)
Energy (kJ)	1411
Energy (kcal)	337
Fat (g)	0
- Of which saturated fats (g)	0
Carbonhydrates (g)	0
- Of which sugars (g)	0
Fibre (g)	0
Protein (g)	0
Salt (g)	0

Additional Information

All details are based on our current state of knowledge and are not transferable to other products. They do not constitute a warranty or guarantee of specific properties or suitability for particular applications. Each use of our supplied products must be tested in the respective application and checked for any existing property rights. Color and form of the product may slightly vary within a production batch due to the manufacturing process.

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