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Product Master Specification

Item Name	Magnesium Citrate (Tribasic / Trimagnesium) Anhydrous Nutrition Grade Fine 100 Mesh (~15% Mg)
Product Code	NIGEMIN1005165
Product Type	Minerals
Issue Date	09-Sep-2026
Version	V01
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	White to off white fine powder
Characteristics	
Irradiation	Free
GMO	Free
BSE/TSE	Free
Product Specific Test	
Magnesium Content (Anhydrous)	16%
Physical/Chemical	
Solubility	Slightly soluble to not soluble
Loss on Drying	<2%
pH	8-11 (5%)
Density	>0.65g/cc
Heavy Metals	
Heavy Metals Total	≤ 10.00 ppm
Lead (Pb)	≤ 3.00 ppm
Arsenic (As)	≤ 1.00 ppm
Cadmium (Cd)	≤ 1.00 ppm
Mercury (Hg)	≤ 0.10 ppm
Microbiological	
Total Plate Count	1000cfu/g
Yeast and Mould	≤100cgu/g
Coliforms	≤10cfu/g
Escherichia coli (E. coli)	Negative

Salmonella	Negative 25g
Staphylococcus aureus	Negative
Storage & Handling	
Storage	Store in a clean, cool, dry place at 5 - 25°C. Protect from humidity (RH < 60) and sunlight.
Preparation and/or handling before use or processing	Please ask our QA department for detailed instructions.
Transportation	Transportation suitable for dried food powders.
Packaging	All packaging meets EU regulations.
Shelf Life	2 years from manufacture if stored according to conditions above.
Approved by	Quality Department
Signed By	Shazia Gale
Disclaimer	All batches are fully in line with all requirements of the agreed specifications as standard, however not all parameters are tested per batch all of the time. Nutraceuticals Group guarantee all batches.
Template Version	NGEMNSPEC202408a
Nutritional (Typical) / 100g	
General Information	While Nutraceuticals Group strives to provide comprehensive information about all ingredients, the specific nutritional data for this product is currently not available. We recommend conducting further analysis if precise nutritional information is required for your product labelling.