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Product Master Specification

Item Name	Magnesium Bisglycinate Chelate Buffered Nutrition Grade (~30% Mg)
Product Code	NIGEMIN002406
Product Type	Minerals
Issue Date	12-Feb-2026
Version	V01
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	White to off white powder
Odour and Taste	Characteristic
Characteristics	
Assay	≥ 30.00 % (Mg)
Irradiation	Free
GMO	Free
BSE/TSE	Free
Physical/Chemical	
Loss on Drying	≤ 10.00 %
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	≤100cfu/g
Escherichia coli (E. coli)	Not detected / g
Salmonella	Not detected / 25g
Storage & Handling	
Storage	Store in a clean, cool, dry place below 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	Chloe O'Flaherty
Disclaimer	All batches are fully in line with all requirements of the agreed specifications as standard,
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.