Nutraceuticals Group USA
8404 Sunstate Street
Tampa, FL 33634, USA
Tel: +813-461-7500
sales@nutraintlgroup.com
nutraceuticalsgroup.com

Nutraceuticals Group UK
The Old Smithy, 7 High Street, Merstham,
Surrey, RH1 3BA, UK
Tel: +44-203-696-2780
sales@nutraceuticalsgroup.com
nutraceuticalsgroup.com

Nutraceuticals Group DE
Hagener Hauptstraße 8,
21684 Stade, DE
Tel: +49 4162 7023697
sales.de@nutraceuticalsgroup.com
nutraceuticalsgroup.com

Product Master Specification

Item Name	**Magnesium Bisglycinate Chelate Liposomal Powder Freeze Dried Nutrition Grade (~10% Mg)**
Product Code	NIGEMIN1005197
Product Type	Minerals
Issue Date	**04-Nov-2026**
Version	**V01**
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	Light yellow powder
Characteristics	
Assay	10-15% (Mg)
Irradiation	Free
GMO	Free
BSE/TSE	Free
Physical/Chemical	
Particle Size	NLT 95% pass 40 mesh
Bulk Density	NLT 0.40g/cm3
Bulk Density Tapped	NLT 0.60g/cm3
Loss on Drying	≤ 6.00 %
Polysispersity Index (PDI)	NMT 0.5
Heavy Metals	
Heavy Metals Total	≤ 10.00 ppm
Lead (Pb)	≤ 1.00 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)	Negative
Salmonella	Negative

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	Emma Elrington
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.