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Product Master Specification

Item Name	**Calcium Lactate Gluconate Nutrition Grade (~12% Ca)**
Product Code	NIGEMIN1005168
Product Type	Minerals
Issue Date	**06/11/2026**
Version	**V01**
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	White crystal powder
Characteristics	
Assay	Calcium (as anhydrous) 12.5 - 13.5%
Irradiation	Free
GMO	Free
BSE/TSE	Free
Physical/Chemical	
Particle Size	90% thru 60 mesh
Loss on Drying	5 - 10%
pH	(5% v/v solution) 6 - 8
Acidity	Max 0.45% as lactic acid
Heavy Metals	
Heavy Metals Total	≤ 10.00 ppm
Lead (Pb)	≤ 3.00 ppm
Arsenic (As)	≤ 1.50 ppm
Cadmium (Cd)	≤ 1.00 ppm
Mercury (Hg)	≤ 0.10 ppm
Microbiological	
Total Plate Count	<1000cfu/g
Yeast and Mould	<100cfu/g
Enterobacteriacae	Not detected / g
Salmonella	Not detected / 50g
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	Leena Saikumar
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.