



Nutraaceuticals Group USA 8404 Sunstate Street Tampa, FL 33634, USA Tel: +813-461-7500 sales@nutraintlgroup.com nutraaceuticalsgroup.com	Nutraaceuticals Group UK The Old Smithy, 7 High Street, Merstham, Surrey, RH1 3BA, UK Tel: +44-203-696-2780 sales@nutraaceuticalsgroup.com nutraaceuticalsgroup.com	Nutraaceuticals Group DE Hagener Hauptstraße 8, 21684 Stade, DE Tel: +49 4162 7023697 sales.de@nutraaceuticalsgroup.com nutraaceuticalsgroup.com
--	---	--

Product Master Specification

Item Name	Sunflower Lecithin Powder 25% Phosphatidylcholine PC20 15% Phosphatidylethanolamine 10% Phosphatidylinositol (Helianthus annuus)
Product Code	NIGEEMU1001122
Product Type	Emulsifiers
Issue Date	01-Jul-2026
Version	V01
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	Fine light yellow powder
Odour and Taste	Characteristic
Characteristics	
Latin Name	Helianthus annuus
Parts Used	Seed
Assay	Phosphatidylcholine(PC): $\geq 25\%$ Phosphatidylethanolamine (PE): $\geq 15\%$ Phosphatidylinositol (PI): $\geq 10\%$
Irradiation	Free
GMO	Free
BSE/TSE	Free
Physical/Chemical	
Particle Size	NLT 90% Pass 40 mesh
Moisture	$\leq 5\%$
Acid Insoluble Ash	$\leq 2\%$
Heavy Metals	
Heavy Metals Total	≤ 10.00 ppm
Lead (Pb)	≤ 3.00 ppm
Arsenic (As)	≤ 2.00 ppm
Cadmium (Cd)	≤ 1.00 ppm
Mercury (Hg)	≤ 0.10 ppm
Microbiological	
Total Plate Count	$< 10,000$ cfu/g
Yeast and Mould	≤ 1000 cfu/g

Escherichia coli (E. coli)	Not detected
Salmonella	Not detected
Staphylococcus aureus	Not detected
Impurities & Solvent Residues	
N-hexane	<290ppm
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	Alfie Edwards
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.