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Product Master Specification

Item Name	Marigold Flower Extract 60% Meso Zeaxanthin Powder (Tagetes erecta)
Product Code	**NIGEHER1357902**
Product Type	Herbal Extracts
Issue Date	**11-Nov-2026**
Version	**V01**
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	Orange to reddish Powder
Odour and Taste	Characteristic
Latin Name	Tagetes erecta
Parts Used	Flower
Method of production	Solvent extraction:Hexane
Identification	Positive
Assay	≥60%(HPLC) Meso-zeaxanthin
Irradiation	Free
GMO	Free
BSE/TSE	Free
Particle Size	80mesh
Loss on drying	≤ 5.00 %
Ash	≤ 5.00 %
Heavy Metals	
Heavy Metals Total	≤ 10.00 ppm
Lead (Pb)	≤ 2.00 ppm
Arsenic (As)	≤ 2.00 ppm
Cadmium (Cd)	≤ 1.00 ppm
Mercury (Hg)	≤ 0.10 ppm
Microbiological	
Total Plate Count	≤1000 cfu/g
Yeast and Mould	≤100 cfu/g
Escherichia coli (E. coli)	Not detected / g
Salmonella	Not detected / 25g

Staphylococcus aureus	Not detected / g
Impurities & Solvent Residues	
Residual Solvents	≤50pmm (Hexane)
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	Shehara Premachandra
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.