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Product Master Specification

Item Name	Guarana Seed Powder (Paullinia cupana) Organic Heat Treated
Product Code	NIGEHER1357773-SAORG
Product Type	Herbal Powders
Issue Date	21-Jul-2026
Version	V01
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	Brown to light brown fine powder
Odour and Taste	Characteristic
Characteristics	
Latin Name	Paullinia cupana
Parts Used	Seeds
Assay	Caffeine: 2.5 - 5%
Irradiation	Free
GMO	Free
BSE/TSE	Free
Physical/Chemical	
Particle Size	40 mesh
Moisture	≤12.0%
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	≤100,000cfu/g
Yeast	≤10,000cfu/g
Mould	≤10,000cfu/g
Enterobacteriaceae	≤10,000cfu/g
Escherichia coli (E. coli)	Not detected / g

Salmonella	Not detected / 25g
Impurities & Solvent Residues	
Benzo(a)pyrene	≤ 10 Ppb
PAH4	≤ 50 Ppb
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	3 years from manufacture if stored according to conditions above
Approved by	Quality Department
Signed By	Eliza Lawrence
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.