

SPECIFICATION

GENERAL INFORMATION		
Product name: Guarana powder	Article No. 0031-100-N	
Botanical Source: Paullinia cupana	Used Part: Seed	
Origin: Brazil	Irradiation: Free	
Carrier: absent (100 % pure)	Solubility: Water	
Harvest: November - March	HS-code: 12129995900	

BASIC ANALYSIS

Analysis	Description	Test Method
Appearance	Fine Powder	Visual
Color*	Light brown	Visual
Flavor/Odor	Characteristic	Visual
Solubility	Soluble in Water	Visual
Density	200 - 600 g/ml	Internal Method
Loss on drying	Max. 12%	Ph.Eur. 2.2.32
Granulometry	50 mesh (0,3 mm)	Internal Method
Ashes	Max. 3%	ASU L 06.00-4
Ash insoluble in HCl	Max. 0,5%	DIN 10223
Caffeine	3,3 – 4,5%	Internal Method

MICROBIOLOGICAL ANALYSIS

Analysis	Limit/Specification	Test Method
Total aerobes germs	< 1.000.000 CFU/g	ASU L00.00-88
Yeast	< 1.000 CFU/g	ASU L 01.00-37
Mold	< 10.000 CFU/g	ASU L 01.00-37
Enterobacteria	< 1.000 CFU/g	ASU L 00.00-133/2
Escherichia coli	< 100 CFU/g	ASU L 01.00-3
Bacillus cereus	< 1.000 CFU/g	ASU L 00.00-33
Salmonella	absent in 25g	DIN EN ISO 6579

HEAVY METALS

according to the category: 3.3.3. food supplements

Analysis	Limit/Specification	Test Method
Pb (lead)	< 3 mg/kg	DIN EN 15763, ICP-MS
Cd (cadmium)	< 1 mg/kg	DIN EN 15763, ICP-MS
Hg (mercury)	< 0,1 mg/kg	DIN EN 15763, ICP-MS

PESTICIDES

Analysis	Limit/Specification	Test Method
Pesticides	0,01 mg / kg	Multimethode §64 LFGB L 00.00-115
PAH (Polycyclic Aromatic Hydrocarbons)	50 µg/kg	ASU §64 LFGB L07.00-40

REGULATION & ALLERGY

GMO free, does not contain genetically modified organisms (GMOs) as defined in EC 1829/2003 and 1830/2003
No Pesticides used for the planting and farming process (conform to § 64 LFGB L 00.00-115 + VO396/2005)
Heavy metals conform to VO 1881-2006
No Allergies, in compliance with EC Directive 2003/89/EC (replacing 2000/13/EC) and 2006/142/EG
Gluten-free, vegan, raw food quality

PACKING: Net weight – 12 kg boxes (2 boxes in one carton)

SHELF LIFE: The product stability is 36month from date of manufacture in it's original packaging.

STORAGE: Kept in the original package in a fresh, dry and away from direct light place.

* The color may vary naturally depending on ripeness, seasons, climate and geographical area of raw material.

Nährwerte:	pro 100 g	pro 1 g
Brennwert:	1.182 kJ / 278 kcal	11,8 kJ / 2,8 kcal
Fett:	2,4 g	< 0,1 g
davon gesättigte Fettsäuren:	0,7 g	< 0,1 g
Kohlenhydrate:	53,4 g	0,5 g
davon Zucker:	6,3 g	< 0,1 g
Eiweiß:	12,5 g	0,1 g
Salz:	0,04 g	< 0,1 g
Koffein:	3,5 g	35 mg