

## TECHNICAL SPECIFICATIONS **ORGANIC GUARANÁ 10% CAFFEINE** **SPRAY-DRIED POWDER**

### GENERAL INFORMATION

**Product:** Organic Guaraná 10% Caffeine Spray-Dried Powder  
**Process/Manufacture:** Extraction, Vacuum Concentration, Pasteurization and Drying (Spray Dryer)  
**Botanical Source:** *Paullinia cupana* **Family:** Sapindaceae  
**Origin:** Brazil **Used Part:** Seed  
**Colorant:** Absent **Solvent:** Alcohol/Water  
**Irradiation:** Free **GMO:** Free  
**Carrier:** Organic Maltodextrin **Ratio:** 0.2-0.3:1

### PHYSICAL CHEMICAL ANALYSES

Assay	Limit/Specification
Appearance	Hygroscopic Powder
Color	Brown
Flavor/Odor	Characteristic
Moisture %	Max. 6%
pH 25°C	4.5 – 6.5
Solubility	Soluble in Water (Cloudy)
Density g/ml	.400 - .600
Caffeine	Min. 10%

### MICROBIOLOGICAL ANALYSES

Assay	Limit/Specification
Total Count	< 3000 CFU/g
Total Coliforms	< 100 CFU/g
<i>Escherichia coli</i>	Absent
Yeast/Mold	< 100 CFU/g
<i>Staphylococcus aureus</i>	Absent
<i>Salmonella sp</i>	Absent in 25 g
Enterobacteria	Absent

**PACKAGING:** Fiber Drum with poly liner.

**NET / GROSS WEIGHT:** 25KG / 27.1KG

**STORAGE:** Store this product in the original package, in a fresh and dry place, away from direct light.

**SHELF LIFE:** 24 months from production date, if properly stored.