

TECHNICAL SPECIFICATIONS **GUARANÁ 10% sCAFFEINE** **SPRAY-DRIED POWDER**

GENERAL INFORMATION

Product: Guaraná 10% sCaffeine Spray-Dried Powder (Added Caffeine)
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: Maltodextrin **Ratio:** 0.2-0.3:1

PHYSICAL CHEMICAL ANALYSES

Assay	Limit/Specification
Appearance	Hygroscopic Powder
Color	Brown
Flavor/Odor	Characteristic
Moisture %	Max. 7%
pH 25°C	5.0 – 6.0
Solubility	Soluble in Water (Cloudy)
Density g/ml	.300 - .600
Caffeine	NLT 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.