

TECHNICAL SPECIFICATIONS **GUARANÁ 22% SYNTHETIC
 CAFFEINE SPRAY-DRIED POWDER**

GENERAL INFORMATION

Product: Guaraná 22% ST Caffeine Spray Dried Powder
Process/Manufacture: Extraction, Pasteurization and Drying (Spray Dryer)
Botanical Source: *Paulinia cupana* **Family:** Sapindaceae
Origin: Brazil **Used Part:** Seed
Colorant: Absent **Solvent:** WaterAlcohol/Water (Hydro-alcoholic)
Irradiation: Free **GMO:** Free
Carrier: Maltodextrin

PHYSICAL CHEMICAL ANALYSES

| Assay | Limit/Specification |
|--------------|---------------------|
| Appearance | Hygroscopic Powder |
| Color | Brown |
| Flavor/Odor | Characteristic |
| Moisture % | Max 6% |
| pH 25°Cn | 4.0 – 6.0 |
| Solubility | Soluble in Water |
| Density g/ml | .30 – .50 |
| Caffeine | Min. 22% |

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

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

SHELF LIFE: Two years from the date of manufacture, if properly stored.