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SPECIFICATION SHEET

GUARANA 22% P.E. (WATER-SOLUBLE)

Paullinia cupana

GCI ITEM #: 4365

COUNTRY OF ORIGIN: BRAZIL

PARAMETER	SPECIFICATION
Botanical Name	Paullinia cupana
Botanical Family	Sapindaceae
Plant Part Used	Seed 2-10%
Solvent: Alcohol/Water	50%/50%
Appearance	Fine powder
Color	Clear brown
Odor	Characteristic
Flavor	Characteristic
Extraction Ratio	4:1
Maltodextrin IP	55-65%
Caramel Color	14-20%
Water Content	Max. 6%
Identification	Positive
Solubility	Water-soluble
Assay	
Caffeine:	NLT 22%
Heavy Metals:	<20ppm
Microbiological	
Aerobic Bacteria:	Max. 10,000 cfu/g
Yeast & Mold:	Max. 10,000 cfu/g
Enterobacteria:	Max. 100 cfu/g
E. coli:	Negative
Salmonella:	Negative