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SPECIFICATION SHEET

Yerba Mate P.E., 8% Xanthines

GCI ITEM #: 7710

COUNTRY OF ORIGIN: BRAZIL

PARAMETER	SPECIFICATION
Description	Green free-flowing powder
Botanical Name	Ilex paraguariensis
Plant Part Used	Leaves
Assay - Caffeine	NLT 8%
Identification (FT/IR)	Typical spectrum
Extraction Solvents	Water, ethanol
Ash	<10%
Loss on Drying	<8%
Particle Size	100% thru 80 mesh
Bulk Density	0.35 - 0.55g/ml
Tapped Density	0.45 - 0.65g/ml
Heavy Metals - Total	<10ppm
Arsenic:	<1ppm
Cadmium:	<1ppm
Lead:	<3ppm
Mercury:	<0.1ppm
Microbiological	
Total Plate Count:	<1,000cfu/g
Yeast and Mold:	<100cfu/g
E. coli:	Negative
Salmonella:	Negative

Storage: Store in well-sealed container in dry place away from excessive heat and light.