



Specification Sheet

Product Name	Mangosteen Extract	Product Code	GME02
Latin Name	<i>Garcinia Mangostana L.</i>	Part of Use	Pericarp
Manufacturing Origin	China	Material Origin	Thailand

ITEMS	SPECIFICATIONS	METHOD
Organoleptic Tests		
Appearance	Brown Red Powder	Visual
Odor & Taste	Characteristic	Visual
Physical Characteristics		
Loss on Drying	≤5.0%	5g / 105C /4hrs
Residual on Ignition	≤5.0%	2g / 525C / 4hrs
Particle Size (#80)	95% thru #80	80 Mesh Screen
Assay		
Mangosteen polyphenols	≥20%	HPLC
Impurity		
Heavy Metal (as Pb)	≤10ppm	Atomic Absorption
Total Arsenic (as As)	≤2 ppm	Atomic Absorption
Lead (Pb)	≤2 ppm	Atomic Absorption
Cadmium (Cd)	≤2 ppm	Atomic Absorption
Mercury (Hg)	≤0.1 ppm	Atomic Absorption
Microbiological Characteristics		
Total Plate Count	<10,000 cfu/g	GB 4789.2-2010
Yeast and Mold	<1000 cfu/g	GB 4789.15-2010
Coliforms	Negative	GB 4789.3-2010
<i>Escherichia coli</i>	Negative	GB 4789.6-2010
<i>Salmonella enterica</i>	Negative	GB 4789.4-2010
<i>Staphylococcus Aureus</i>	Negative	GB 4789.10-2010
Package	Net 25Kg per fiber drum with 2-layer food grade plastic bags inside	
Shelf Life	2 years under good storage condition	
Storage	Store in cool and dry place. Do not freeze. Keep away from strong light and heat.	

