



		Specification	
Document Number/Revision		Effective Date	DCR #
Pu-11		22-Feb-21	2021/09
Botanical / Product Information Sepecification			
Product Information		Spec Revision # 00 Date.....Pages 01	
Item Name	Mangosteen powder	Item Code	BH 05
Scientific Botanical Name	Garcinia mangostana	Plant Part used	Fruit
Botanical Synonym (Syn)	N/A	Marker Compounds	antiinflammatory xanthenes
Alternate Species	N/A	Assay Method	N/A
Standardized Common Name	N/A	Herb to Powder Ratio	6:01
Other Common Names	N/A	Antimicrobial Method	Aqueous Ozone
Pharmaceutical Name	N/A	Organic/ Special	Wild crafted
Ayurvedic Name	Amala	Vegetarian or Vegan	Vegan
Chinese Pinyin Name	N/A	CAS#	N/A
Identity/Assay Method	N/A	Molecular Weight (g/mol.)	N/A
Specific Supplier	N/A	Molecular Formula	N/A
Trademark		Other	N/A
Organoleptic Characteristics			
Color	brown/purple	Odor/ Aroma	Mild citrus /sweet
Clarity	N/A	Favor/Sensation	Astringent
Form/ Texture	Fine Powder	Foreign Material	Meets AQL
Characteristics			Method/Standard
Mesh / Density	40 mesh		
Impurities / Analysis Criteria			Method/Standard
Lead (Pb)	0.12 mg/ kg		AOAC 2012, 999.1
Arsenic	0.15 mg/kg		MCMFA 2003
Microbiological Control / SOP QC -141			
Mold and Yeast	less than 10		APHA, Compl 2011 Ch. 20
Coliform	below acceptable level of 3		BAM 2013, Chapter 4
Staphylococcus	none detected		BAM2001 Chapter 12
Salmonella	none detected		ISO 6579-2002/Cor.1:2004E
E. Coli	below acceptable level of 3		BAM 2013, Chapter 4
Clostridium	none detected		USP 37, NF 32 2014
Special Notation / Requirements			
*Must : test each lot for silymarin, Include in calculations silychrestin,silydianin, isosilybin A,isosilybin B, silybin A and silybin B.			
Approvals			
		N/A	
Prepared By	Date	Botanical Review (If applicable)	date

Quality Control/Quality Assurance	Quality Control/Quality Assurance	
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