



Specification

Document Number/Revision	Effective Date	DCR #
PU 28	2-Jan-21	2021/2

Botanical / Product Information Specification

Product Information		Spec Revision # 00 Date.....Pages 01	
Item Name	Papaya	Item Code	BH 08
Scientific Botanical Name	Carica Papaya	Plant Part used	leaves
Botanical Synonym (Syn)	N/A	Marker Compounds	digestive enzymes
Alternate Species	N/A	Assay Method	N/A
Standardized Common Name	Indian Gooseberry	Herb to Powder Ratio	6:01
Other Common Names	paw paw	Antimicrobial Method	Aqueous Ozone
Pharmaceutical Name	N/A	Organic/ Special	Wild Harvested
Ayurvedic Name	N/A	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	greem	Odor/ Aroma	Mild citrus
Clarity	N/A	Favor/Sensation	bitter
Form/ Texture	Fine Powder	Foreign Material	Meets AQL

Characteristics

		Method/Standard
Mesh / Density	40 mesh	

Impurities / Analysis Criteria

		Method/Standard
Lead (Pb)	0,27 mg/ kg.	AOAC 2012, 999.1
Arsenic	0.20 mg./ kg.	MCMFA 2003

Microbiological Control / SOP QC -141

Mold and Yeast	less than 10	APHA, Comp. 2001 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	