

BOTANICAL INFORMATION: SPECIFICATION SHEET
Guava Leaf Extract – NLT 0.5% Guajavarin



BOTANICAL NAME : Psidium Guajava Linn
 PLANT PART USED : Leaves
 APPEARANCE : Pale brown hygroscopic powder
 SOLVENT : Methanol / Water
 CARRIER : 10 – 15% Dextrin
 PRESERVATIVES : NONE
 CERTIFICATIONS : NONE
 COUNTRY OF ORIGIN : India
 Harvest : Wild crafted
 HERB TO EXT RATIO : (16-12) : 1

BATCH NO: **ASHT/PG** D.O.M: **January 2014** D.O.E: **Feb 2016**

PHYSICAL PROFILE	
Particle Size	90% thru 80 Mesh & 95% thru 40 Mesh
Loose Density	0.30- 0.70g/ml
Bulk Density (Tapped)	0.81 g/ml

PRODUCT PROFILE		
	SPECIFICATION	RESULTS
Identification	To pass by TLC	Complies
Loss on Drying	<8.0%	4.3%
Residual Solvent	<1000.0ppm	COMPLIES

ASSAY		
Assay (Guajavarin by HPLC)	>0.5%	Complies
Assay (Polyphenols by UV)	>30.0%	33.2%
Assay (Saponins by Gravimetry)	>30.0%	34.5%

MICROBIOLOGICAL PROFILE		
Total Plate Aerobic Plate Count	<10,000CFU/g	400 cfu/g
Yeast & Mould	<1000cfu/g	28 cfu/g
Total Coliforms	<10cfu/g	NIL
E.Coli	Negative in 10g	NOT DETECTED
Salmonella	Negative in 10g	NOT DETECTED

SUPPLEMENTAL INFORMATION		
Pesticide residue	Complies with USP	Complies
Arsenic (ICP – MS)	< 1.0ppm	Below Detection Limit (limit 0.01)
Cadmium (ICP-MS)	< 1.0 ppm	Below Detection Limit (limit 0.01)
Lead (ICP-MS)	< 3.0 ppm	Below Detection Limit (limit 0.01)
Mercury (ICP-MS)	< 0.1 ppm	Below Detection Limit (limit 0.01)

STORAGE CONDITIONS: Store in well-closed containers at room temperature. Protect from light, moisture and pest infestation.

QUALITY INCHARGE