

PRODUCT SPECIFICATIONS MANGOSEED

Product name	Mango Seed Ext	Botanical name	<i>Mangifera indica</i>
Plant parts used	Seed	Principal Constituents	Glycoside 25 %w/w
Batch No.	SNE-0001-2017-18	Quantity	500gm Sample
MFD Dt.	June – 2017	Exp. Dt.	May – 2020

Tested Parameters	Specifications	Results
•Physical Parameters		
Description	Llight brown powder	Complies
Identification	Positive For Glycoside By TLC	Complies
Odour &Taste	Slight Sweet to Slight Sour	Complies
Loss on drying @ 105 °C	NMT 5.0%w/w	2.16%
P ^H 1% Solution	3-6	4.60
Mesh size	100% passes through 60 mesh	100%
Solubility in water	NLT 80%	84.21%
Total Ash	Max 10 % w/w	6.38 %
B. Chemical Parameters		
Heavy Metal	NMT 10ppm	Complies
Active ingredient – Assay		
Glycoside by Gravimetric	NLT 25.0% w/w	27.00%
C.Minerals (mg/100 gm)		
Copper	NLT 0.20 mg	0.28 mg
Potassium	NLT 168 mg	190 mg
Sodium	NLT 01 mg	1.8 mg
Phosphorus	NLT 14 mg	16 mg
Zinc	NLT 0.09 mg	0.10 mg
Manganese	NLT 0.063 mg	0.07 mg
Nickel	NLT 0.15 mg	0.18 mg
Magnesium	NLT 10 mg	12 mg
Iron	NLT 0.16mg	0.18 mg
Calcium	NLT 11 mg	13 mg
D. Microbiological Tests		
Total Aerobic Plate Count	NMT 1000 Cfugm	705fu/gm
Total Yeast &Mold	NMT 100 Cfugm	•cfu/gm
<i>E. Coli</i>	Absent	Negative
<i>Salmonella</i>	Absent	Negative
<i>S. Aureus</i>	Absent	Negative
E.Others		
Packaging	Packed in Food grade HDPE Bags sealed into HDPE Containers	
Storage	Air tight container, protect from heat &moisture	

Note:

A - Since It is an herbal products. There is likely to be minor color vibration from batch to batch because of the seasonal variation of the raw material. Color change will not affect the quality.

B – This is natural product and some sedimentation could be observed on storage. Sedimentation does not affect the quality of the product .if occurs filter the products before use.