

**PRODUCT SPECIFICATIONS SALACIA RETICULATA**

<b>Product name</b>	<b>Salacia Dry Ext</b>	<b>Botanical name</b>	<b>Salacia Reticulata</b>
<b>Plant parts used</b>	<b>Root</b>	<b>Principal Constituents</b>	<b>Tannins 20.0 %w/w</b>
<b>Batch No.</b>	<b>SNE-0001-2017-18</b>	<b>Quantity</b>	<b>245.0kg</b>
<b>MFD Dt.</b>	<b>March – 2017</b>	<b>Exp. Dt.</b>	<b>Feb . – 2020</b>

Tested Parameters	Specifications	Results
<b>•Physical Parameters</b>		
Description	Brown Colored powder	Complies
Identification	Positive For Tannins By TLC	Complies
Odour & Taste	Slight Bitter	Complies
Loss on drying @ 105 °C	NMT 5.0%w/w	2.38.%
P <sup>H</sup> 1% Solution	3-6	5.7
Mesh size	100% passes through 60 mesh	100%
Solubility in water	NLT 80%	90.20%
Total Ash	Max 10.0% w/w	6.24%
<b>B. Chemical Parameters</b>		
<b>Heavy Metal</b>	NMT 10ppm	Complies
<b>Active ingredient - Assay</b>		
Tannins by Gravimetric	NLT 20.0%w/w	23.15%
<b>C.Minerals (mg/100 gm)</b>		
Copper	NLT 0.30 mg	0.39 mg
Potassium	NLT 1400 mg	1410 mg
Sodium	NLT 1200 mg	1221 mg
Chromium	NLT 0.10 mg	0.17 mg
Zinc	NLT 0.05 mg	0.056 g
Manganese	NLT 9 mg	9.98 mg
Nickel	NLT 0.10 mg	0.11 mg
Magnesium	NLT 90 mg	101 mg
Iron	NLT 5 mg	8 mg
Calcium	NLT 60 mg	63 mg
<b>D. Microbiological Tests</b>		
Total Aerobic Plate Count	NMT 1000 Cfu/gm	701 cfu/gm
Total Yeast & Mold	NMT 100 Cfu/gm	30 cfu/gm
<i>E. Coli</i>	Absent	Negative
<i>Salmonella</i>	Absent	Negative
<i>S. Aureus</i>	Absent	Negative
<b>E.Others</b>		
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 colour vibration from batch to batch because of the seasonal variation of the raw material. Colour 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.