

PRODUCT SPECIFICATION			
INCI/Botanical Name	<b>BUTEA MONOSPERMA</b>	Date of Expiry	03 Years
Product Name	Palash Extract	Extraction Type	Extraction Solvent
Report No	BF/ STA /BMDE/22011001/23	Extraction Ratio	8:01
Parts of Plant	Flower	Origin	India
Cas No	93333-82-5	HSN Code	13021919
TEST		SPECIFICATION	METHOD
<b>A. Physical Parameters:</b>			
Appearance	Fine powder		Visual
Color	Light yellowish brown color		Visual
Odor	Characteristic		Organoleptic
Taste	Characteristic		Organoleptic
Identification	Positive		TLC
Water Soluble Extract	NLT 80% w/v		USP 561
Loss on Drying (At 105 <sup>0</sup> C)	NMT 7.0% w/v		USP 731
pH (1% Aqu. Sol <sup>n</sup> .)	Between 5.0 to 7.0		USP 791
<b>B. Active Ingredients:</b>			
Alkaloids	NLT 1.5% w/w		Gravimetric
<b>C. Heavy Metals:</b>			
Lead (PB)	NMT 10.0 ppm		Atomic Absorption
Arsenic (AS)	NMT 1.0 ppm		Atomic Absorption
Cadmium (CD)	NMT 0.3 ppm		Atomic Absorption
Mercury (HG)	NMT 0.1 ppm		Atomic Absorption
<b>D. Microbiological Test:</b>			
Total Aerobic Count	NMT 1000 cfu/g		USP 2021
Total Fungal Count	NMT 100 cfu/g		USP 2021
Total coli forms	Negative		USP 2022
E. Coli	Negative		USP 2022
Salmonella	Negative		USP 2022
Pseudomonas Aeruginosa	Absent		USP 2022
<b>E. Mycotoxin:</b>			
Aflatoxin (B1+B2+G1+G2)	---		USP 561
Residual Pesticides	---		USP 561
<b>F. Other:</b>			
Standard Packing: 25 Kg in single HDPE Container.			
The material is free from Allergens / GMO/ BSE - TSE.			
The material is not tested on animals.			
The material is non-irradiated & not treated with ETO.			
The above material complies with in-house specifications.			
Store in a cool and dry place away from sunlight and heat. The preferred storage is below 30 ° C.			
The Product Is of Herbal Origin. There May Be Minor Color Difference Due To Geographical and Seasonal Variation of the Plant Material.			

**Note: This Is Computer Generated Specification & Does Not Require A Physical Signature.**

