

PRODUCT SPECIFICATION

INCI/Botanical Name	TERMINALIA BELLIRICA	Date of Expiry	03 Years
Product Name	Baheda Extract	Extraction Solvent	Methanol
Report No	TB/OHZ/22-03/23	Herb Extraction Ratio	5:1
Parts of Plant	Fruits	Origin	India
Cas No	92202-43-2	HSN Code	13021919
TEST	SPECIFICATION	METHOD	
A. Physical Parameters:			
Appearance	Fine powder	Visual	
Color	Dark to light brown color	Visual	
Odour	Characteristic	Organoleptic	
Taste	Characteristic	Organoleptic	
Identification	Complies	TLC	
Loss on Drying (At 105°C)	NMT 8.0% w/w	USP 731	
Ash Content	NMT 10.0% w/w	USP 281	
Particle Size (40 mesh)	NLT 95.0% w/w	USP 786	
pH (1% Aqu. Sol ⁿ)	Between 3.0 to 6.0	USP 791	
Solubility In Water	NLT 70.0% w/v	USP 1236	
Solubility In Alcohol	NLT 60.0% w/v	USP 1236	
Tapped	0.350 gm/ml	USP 616	
Loose	0.250 gm/ml	USP 616	
B. Active Ingredients:			
Tannins	NLT 25.0% w/w	By Titration	
C. Heavy Metals:			
Lead (PB)	NMT 10.0 ppm	ICPMS-AAS	
Arsenic (AS)	NMT 3.0 ppm	ICPMS-AAS	
Cadmium (CD)	NMT 0.3 ppm	ICPMS-AAS	
Mercury (HG)	NMT 0.1 ppm	ICPMS-AAS	
D. Microbiological Test:			
Total Plate Count	NMT 1000 cfu/gm	USP 2021	
Total Yeast & Mold Count	NMT 100 cfu/gm	USP 2021	
Escherichia coli	Absent	USP 2022	
Salmonella Spp	Absent	USP 2022	
Staphylococcus	Absent	USP 2022	
Pseudomonas Aeruginosa	Absent	USP 2022	
E. Mycotoxin:			
Aflatoxins (B1+B2+G1+G2)	---	USP 561	
Pesticide Residues	---	USP 561	
F. Other:			
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.

