

PRODUCT SPECIFICATION

INCI/Botanical Name	TERMINALIA ARJUNA	Date of Expiry	03 Years
Product Name	Arjuna Extract	Extraction Solvent	Methanol
Report No	TA/ZHO/22-08/23	Extraction Ratio	8:1
Parts of Plant	Bark	Origin	India
Cas No	93456-04-3	HSN Code	13021919
TEST	SPECIFICATION	METHOD	
A. Physical Parameters:			
Appearance	Fine powder	Visual	
Color	Dark to reddish brown color	Visual	
Odour	Characteristic	Organoleptic	
Taste	Characteristic	Organoleptic	
Identification	Complies	By TLC	
pH (1% Aqu. Solⁿ)	Between 4.0 to 7.0	USP 791	
Loss on Drying (At 105°C)	NMT 08.0% w/w	USP 731	
Solubility In Water	NLT 70.0% w/v	USP 1236	
Solubility In Alcohol	NLT 60.0% w/v	USP 1236	
Bulk Density			
Tapped	0.250 gm/ml	USP 616	
Untapped	0.150 gm/ml	USP 616	
Particle Size (40 mesh)	NLT 95% w/w	USP 786	
B. Active Ingredients:			
Tannins	NLT 20.0 % w/w	Titration	
C. Heavy Metals:			
Lead (PB)	NMT 2.0 ppm	ICPMS-AAS	
Arsenic (AS)	NMT 2.0 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 61	
Total Yeast & Mold Count	NMT 100 cfu/gm	USP 61	
Escherichia coli	Absent	USP 61	
Salmonella Spp	Absent	USP 61	
Staphylococcus	Absent	USP 61	
Pseudomonas Aeruginosa	Absent	USP 61	
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.

