PRODUCT SPECIFICATION

INCI/Botanical Name	*PISTACIA INTEGERRIMA*	Date of Expiry	03 Years
Product Name	Kakda-singi Extract	Extraction Type	Solvent Extraction
Report No	PI/OHZ/23-01/23	Extraction Ratio	---
Parts of Plant	Root	Origin	India
Cas No	7432-28-2	HSN Code	13021919

TEST	SPECIFICATION	METHOD
A. Physical Parameters:		
Appearance	Fine powder	Visual
Color	Light brown color	Visual
Odour	Characteristic	Organoleptic
Taste	Characteristic	Organoleptic
Loss on drying (At 105^{0}C)	NMT 8.0% w/w	USP 731
Solubility		
Water Soluble Extractive	NLT 70.0% w/v	USP 561
Alcohol Soluble Extractive (50%)	NLT 60.0% w/v	USP 561
pH (1% Aqu. Soln.)	Between 4.0 to 7.0	USP 791
Tapped Density	NLT 0.350 gm/ml	USP 616
Untapped Density	NLT 0.250 gm/ml	USP 616
Particle Size (40 Mesh)	NLT 95% w/w	USP 786
B. Active Ingredients:		
Flavonoids	**NLT 6.0% w/w**	Gravimetric
C. Heavy Metals:		
Lead (PB)	NMT 2.0 ppm	USP 233
Arsenic (AS)	NMT 3.0 ppm	USP 233
Cadmium (CD)	NMT 0.3 ppm	USP 233
Mercury (HG)	NMT 0.1 ppm	USP 233
D. Microbiological Test:		
Total Plate Count	NMT- 10000 cfu/gm	USP
Total Yeast & Mould Count	NMT- 1000 cfu/gm	USP
E. coli / 10 gm	Absent	USP
Salmonella/ 25 gm	Absent	USP
Staphylococcus	Absent	USP
E. Mycotoxin:		
Aflatoxin (B1+B2+G1+G2)	---	USP 561
Residual Pesticides	---	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 º 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.