

PRODUCT SPECIFICATION

INCI/Botanical Name	<i>NARDOSTACHYS JATAMANSI</i>	Date of Expiry	03 Years
Product Name	Jatamansi Extract	Extraction Type	Solvent Extraction
Report No	NJ/OHZ/22-03/23	Extraction Ratio	---
Parts of Plant	Root	Origin	India
Cas No	8022-22-8	HSN Code	13021919

TEST	SPECIFICATION	METHOD
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A. Physical Parameters:

Appearance	Fine powder	Visual
Color	Creamish light color	Visual
Odour	Characteristic	Organoleptic
Taste	Characteristic	Organoleptic
Identification	Complies	TLC
Solubility		
Water Soluble Extractive	Complies	USP 561
Alcohol Soluble Extractive (50%)	Complies	USP 561
pH (1% Aqu. Solⁿ.)	Between 3.0 to 6.0	USP 791
Loss on Drying (At 105⁰C)	NMT 8.0% w/w	USP 731
Bulk Density		
Tapped	NLT 0.350 gm/ml	USP 616
Untapped	NLT 0.250 gm/ml	USP 616
Particle Size (40 Mesh)	NLT 95.0% w/w	USP 786

B. Active Ingredients:

Volatile Oil	NLT 0.5% w/w	Gravimetric
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C. Heavy Metals:

Lead (PB)	NMT 2.0 ppm	AOAC
Arsenic (AS)	NMT 3.0 ppm	AOAC
Cadmium (CD)	NMT 0.3 ppm	AOAC
Mercury (HG)	NMT 0.1 ppm	AOAC

D. Microbiological Test:

Total Plate Count	NMT 1000 cfu/g	USP 2021
Total Yeast & Mold Count	NMT 100 cfu/g	USP 2021
Escherichia coli	Absent	USP 2022
Salmonella	Absent	USP 2022
Staphylococcus Aureus	Absent	USP 2022
Pseudomonas Aeruginosa	Absent	USP 62

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 ° 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.

