

PRODUCT SPECIFICATION

Botanical Name	<i>ASPARAGUS RACEMOSUS</i>	Date of Expiry	03 Years
Product Name	Shatavari Extract	Extraction Type	Water
Report No	AR/HG/ 21122/23	Extraction Ratio	15:1
Parts of Plant	Roots	Origin	India
Cas No	84633-34-1	HSN Code	13021919

TEST	SPECIFICATION	METHOD
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A. Physical Parameters:

Appearance	Fine powder	Visual
Color	Yellowish brown	Visual
Odour	Characteristic	Complies
Taste	Characteristic	Complies
pH (1% Aqu. Solⁿ)	NLT 4.0	USP 791
Loss on Drying (At 105°C)	NMT 1.5% w/w	USP 731
Extractive Value		
In Water	NLT 35.0% w/v	USP 516
In Methanol	NLT 55.0% w/v	USP 516
Solubility In Acetone	NMT 1.0% w/v	USP 516
Total Ash Content	NMT 15.0% w/w	USP 281

B. Active Ingredients:

Total Saponins	NLT 40.0% w/w	Gravimetric
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C. Heavy Metals:

Total Heavy Metals	NMT 10.0 ppm	USP 231
Lead (PB)	NMT 3.0 ppm	ICP-MS
Arsenic (AS)	NMT 2.0 ppm	ICP-MS
Cadmium (CD)	NMT 1.0 ppm	ICP-MS
Mercury (HG)	NMT 0.1 ppm	ICP-MS

D. Microbiological Test:

Total Plate Count	NMT 5000 cfu/gm	USP 2021
Total Yeast & Mold Count	NMT 100 cfu/gm	USP 2021
Escherichia coli	Absent	USP 2022
Salmonella	Absent	USP 2022
Pseudomonas Aeruginosa	Absent	USP 2022
Staphylococcus aureus	Absent	USP 2022

E. Mycotoxin:

Aflatoxins (B1+B2+G1+G2)	---	USP 561
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.