

PRODUCT SPECIFICATION

INCI/Botanical Name	MUCUNA PRURIENS	Date of Expiry	03 Years
Product Name	Velvet Bean Extract	Extraction Solvent	---
Report No.	MP/HG/230622/23	Extraction Ratio	13:1
Parts of Plant	Bean	Origin	India
Cas No	90064-10-1	HSN Code	13021919

TEST	SPECIFICATION	METHOD
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A. Physical Parameters:

Appearance	Fine powder	Visual
Color	Brown Color	Visual
Odour	Characteristic	Organoleptic
Taste	Characteristic	Organoleptic
pH (1% w/v Aqu. Solⁿ)	NLT 4.0	IP 2010
Loss on Drying (At 105°C)	NMT 1.5% w/w	IP 2010
Ash Content	NMT 15.0% w/w	IP 2010
Solubility In Acetone	NMT 1.0% w/v	IP 2010
Extractive Value In Water	NLT 35.0% w/v	IP 2010
Extractive Value In Methanol	NLT 55.0% w/v	IP 2010

B. Active Ingredients:

Total L Dopa	NLT 40.0% w/w	HPLC
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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 & Mould 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 Residue	Complies	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 free from residual pesticide & solvent.
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.

