

## PRODUCT SPECIFICATION

INCI/Botanical Name	<i>WITHANIA COAGULANS</i>	Date of Expiry	03 Years
Product Name	Paneer Phool Extract	Extraction Solvent	Hydro Alcohol
Report No.	WC/HFP/0123-23/23	Extraction Ratio	---
Parts of Plant	Flower	Origin	India
Cas No	---	HSN Code	13021919

TEST	SPECIFICATION	METHOD
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### A. Physical Parameters:

Appearance	Free flowing powder	Visual
Color	Brown color	Visual
Odour	Characteristic	Organoleptic
Taste	Characteristic	Organoleptic
Identification	Positive by TLC	TLC
Loss on Drying ( At 105 <sup>0</sup> C )	NMT 6.0% w/w	USP 731
Ash Content	NMT 20.0% w/w	USP 281
pH	Between 4.0 to 7.0	USP 791
Particle Size (40 Mesh)	NLT 95.0% w/w	USP 786
Solubility In Water	NLT 80.0% w/v	USP 1236

### B. Active Ingredients:

Saponins	NLT 50.0%	Gravimetric
Bitter	NLT 4.0%	Gravimetric

### C. Heavy Metals:

Lead (PB)	NMT 1.0 mg/kg	AOAC
Arsenic (AS)	NMT 1.0 mg/kg	AOAC
Cadmium (CD)	NMT 1.0 mg/kg	AOAC
Mercury (HG)	NMT 1.0 mg/kg	AOAC

### D. Residual Solvent:

Ethyl Acetate	Complies	USP 467
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### E. Microbiological Test:

Total Plate Count	NMT 1000 cfu/g	USP 61
Total Yeast & Mold Count	NMT 100 cfu/g	USP 61
Escherichia coli	Absent	USP 61
Salmonella	Absent	USP 61
Pseudomonas aeruginosa	Absent	USP 61
Staphylococcus	Absent	USP 61

### F. Mycotoxin:

Aflatoxins (B1+B2+G1+G2)	---	USP 561
Pesticide Residues	---	USP 561

### G. 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.**

