

PRODUCT SPECIFICATION

INCI/Botanical Name	<i>WITHANIA SOMNIFERA</i>	Date of Expiry	03 Years
Product Name	Ashwagandha Extract	Extraction Type	Solvent Extraction
Report No.	WS/DGM/AR-193/23	Extraction Ratio	---
Parts of Plant	Root	Origin	India
Cas No	90147-43-6	HSN Code	13021919
TEST	SPECIFICATION	METHOD	
A. Physical Parameters:			
Appearance	Fine powder	Visual	
Colour	Light to brown color	Visual	
Odour	Characteristic	Organoleptic	
Taste	Characteristic	Organoleptic	
Identification	Identification test positive	TLC	
Loss on Drying (At 105⁰C)	NMT 10.0% w/w	IP 2014	
pH (1% Aqu. Solⁿ.)	Between 3.0 to 7.0	IP 2014	
Bulk Density	NLT 0.250 gm/ml	IP 2014	
Solubility in Water	NLT 80.0% w/v	IP 2014	
Ash Content	NMT 15.0% w/w	IP 2014	
Particle Size (40 Mesh)	NLT 95.0% w/w	Sieve	
B. Active Ingredients:			
Withanolides	NLT 2.5% w/w	Gravimetric	
C. Heavy Metals:			
Lead (PB)	NMT 1.0 ppm	ICP-MS	
Arsenic (AS)	NMT 1.0 ppm	ICP-MS	
Cadmium (CD)	NMT 1.0 ppm	ICP-MS	
Mercury (HG)	NMT 0.5 ppm	ICP-MS	
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	
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.

