

Common Name: **ORGANIC ASHWAGANDHA POWDER**

Botanical Name: *Withania Somnifera*

Country of origin: India

Product Description

Organic Ashwagandha Powder is processed from the dried roots of *Withania Somnifera* grown in organic farms without the application of chemical fertilizers or pesticides. Processing is done without using any toxic and harsh chemicals.

Sensorial Parameter	Specification	Test method (Protocol)
Appearance	Powder	Visual inspection
Color	<i>Withania Somnifera</i>	Visual inspection
Odor/Taste	Characteristic	Organoleptic
Ingredient(s)	Dried Rhizomes/Roots	Visual inspection
Physical Parameter		
Organic Extraneous matter (Max %)	Nil	Manual
Inorganic Extraneous matter (Max %)	Nil	Visual inspection/sieve
Size	98% through 60mesh sieve (As per Buyer's Requirement)	Manual
Chemical Parameters		
Moisture (Max %)	10	Oven dry method
Total Ash (Max %)	12	Oven dry method
Acid Insoluble Ash (Max %)	3	Manual
Pesticide Residue	<0.01mg/kg	USDA and EU Regulation
Ethylene Oxide	<0.01mg/kg	USDA and EU Regulation
Bulk Density (g/ml)	≥0.5	ASTA 25.0
Microbial Parameter		
Total Bacterial Count (CFU/g) (Max.)	1*10 ⁶	ISO 4833-1:2013
Total Yeast and Mold Count (CFU/g) (Max.)	1*10 ⁴	ISO 21527-2:2008
E. Coli (CFU/g) (Max.)	Absent	ISO 16649-2:2001
Salmonella (in 25 g)	Absent	ISO 6579-1:2017
Coliforms (CFU/g)	<10	ISO 4832:2006
Heavy Metals Parameter		
Lead mg/kg (Max.)	2.0	AOAC 2015.01
Cadmium mg/kg (Max.)	1.0	AOAC 2015.01
Arsenic mg/kg (Max.)	1.0	AOAC 2015.01
Mercury mg/k g(Max.)	1.0	AOAC 2015.01
Other ingredients	None	
Extraction Solvent	None	
Packaging	Bulk: Net 20/25 kg paper bags, 20/25kg Vacuum bag. Private Label: As per buyer's requirement.	
Shelf-Life & storage	36 months if sealed and stored away from sunlight at <65% RH. Not over 77°F (25°C).	
Allergens	Allergen Free Product	
Organic standards compliance	NPOP, NOP, EU Regulations	
Quality standards	BRCGS, FSSC22000, FSSAI, HACCP, HALAL, KOSHER	

Prepared by: QC/FSTL

Verified/Approved by: MD

