

PRODUCT SPECIFICATION

INCI/Botanical Name	<i>ARTHROSPIRA PLATENSIS</i>	Date of Expiry	03 Years
Product Name	Spirulina Powder	Extraction Solvent	---
Report No.	AP/EK/190212/23	Extraction Ratio	---
Parts of Plant	Whole Plant	Origin	India
Cas No	724424-92-4	HSN Code	13021919
TEST	SPECIFICATION	METHOD	
A. Physical Parameters:			
Appearance	Colored powder	Visual	
Color	Dark green	Organoleptic	
Odor	Mild	Organoleptic	
Taste	Mild	Visual	
Bulk Density	NLT 0.70 gm/cc	IP-2014	
Loss on Drying (At 105⁰C)	3.0 to 7.0% w/w	IP-2014	
B. Microbiological Test:			
Protein	56 to 69% w/w	IP-2014	
Carbohydrates	12 to 15% w/w	IP-2014	
Phycocyanin	7 to 12%	IP-2014	
Beta Carotene	NLT 0.125	IP-2014	
Chlorophyll	0.8 to 1.1%	IP-2014	
Minerals	NMT 10%	IP-2014	
C. Heavy Metals:			
Lead (PB)	NMT 0.1 ppm	USP 223	
Arsenic (AS)	NMT 0.1 ppm	USP 233	
Cadmium (CD)	NMT 0.1 ppm	USP 233	
Mercury (HG)	NMT 0.1 ppm	USP 233	
D. Microbiological Test:			
Total Plate Count	NMT 40000 cfu/gm	FDA BAM	
Total Yeast & Mould	NMT 100 cfu/gm	FDA BAM	
E. Coli	Nil	FDA BAM	
Salmonella	Nil	FDA BAM	
Staphylococcus aureus	Nil	FDA BAM	
Coliform	Nil	FDA BAM	
E. Mycotoxin:			
Aflatoxin (B1+B2+G1+G2)	---	USP 561	
Residual 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.

