

PRODUCT SPECIFICATION

INCI/Botanical Name	<i>SPINACIA OLERACEA</i>	Common Name	Spinach ('Na' Magnesium Chlorophyllin) Extract
Parts of Plant	Chlorophyll	Reference Standard	---
Extraction solvent	---	Extraction Ratio	---
Color Shade	Dark Green	Color Code	---
Batch Size	500kg	Expiry	July- 2027
Origin	India/China	CAS. No	90131-25-2
HSN Code	07097000	Application & Uses: : Food/Pharmaceutical/Cosmetology	

TEST	SPECIFICATION	RESULT
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A. Physical Parameters:

Appearance	Dark Green Fine Powder	Visual
Color	Dark green	Organoleptic
Odor	Characteristics	Organoleptic
Taste	Characteristics	Organoleptic
Absorptance	700min	805
Loss On Drying(at 105°C for 2 hours)	NMT5%w/w	3.60%
Ratio(A405/A630)	4.5-5.5/4.8-6.0	4.9
Sulphate Ash	NMT36%w/w	26.50%
pH	9.5-10.7	10.5
Content Of Total Copper	NMT 400ppm	126ppm

B. Active Ingredients:

Assay	NLT 95.0%w/w	115.00% by HPLC
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C. Heavy Metals

Lead (PB)	NMT 0.0005%	0.00006%
Arsenic (AS)	NMT 0.0003%	0.000055

D. Microbiological Test:

Total Plate Count	NMT 1000 cfu/g	Conforms
Total Yeast & Mold Count	NMT 100 cfu/g	Conforms

E. Pathogens

Escherichia Coli	Negative	Conforms
Salmonella	Negative	Conforms

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

Analysis by

Approved by

