



TECHNICAL DATA SHEET

Total Pages : 02

Product Name	Moringa Oleifera Extract 20%		
Product Code	MOE-20P		
Revision No	01	Review Year	

Description

Moringa Leaf supports impressive range of medicinal uses with high nutritional value (rich in essential amino acids, vitamins, potassium, calcium, iron etc.) and promotes overall health & vitality due to its anti-oxidants, alkalizing properties. The Scientific results indicate that Moringa extracts supports low blood triglycerides & cholesterol levels beneficial for Heart, Blood circulation & healthy weight management. Moringa leaf extract is prepared using our unique extraction technology and standardized to contain saponins and polyphenols.

Ingredients

Moringa Leaf Extract

Assay	Limit	UOM	Method
Total Saponins by gravimetry	NLT 20	%	In house
Total Polyphenols by UV	NLT 5	%	In-house
Total Flavonoids by UV	NLT 20	%	In-house

Physical Parameters	Specification
Appearance	Light brown to Brown powder
Odor	Characteristic
Particle size	NLT 90% w/w pass through 20 mesh
Loss on drying	NMT 5 %
Bulk density (Untapped)	Between 0.20 to 0.40g/ml

Microbial testing	Upper Limit	UOM	Method
Total plate count	5000	cfu/g	ISO:4833(Part 1):2013
Total Yeast and Mold count	100	cfu/g	IS:5403 :1999
E.coli	Absent	cfu/10g	ISO 6579:2002
Salmonella	Absent	cfu/10g	ISO 6579:2002

Contaminants	Upper Limit	UOM	Methods
Lead as Pb	5	ppm	USP <233>
Cadmium as Cd	0.5	ppm	USP <233>
Arsenic as As	1	ppm	USP <233>
Mercury as Hg	1	ppm	USP <233>
Residual solvents tested as per USP	Comply with USP limits		
Pesticide residues tested as per USP	Comply with USP limits		



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General Information

Shelf Life – 24 Months

Storage requirement – Store in a cool and dry place at room temperature

Country of Origin – India

Packaging

Product is available in 5/ 25 Kg Drum. Other Pack sizes are available on customer's request.

Applications

Moringa extract can be used as an ingredient in Food, Pharma and Nutraceuticals industry.

Description

Disclaimer

This Product Data Sheet contains information based on our laboratory analysis at Matrix Life Science Private Limited, Paithan MIDC, Aurangabad, Maharashtra, India. We assume no responsibility with regards to the suitability of the products for any specific purposes intended by the user. Recommendations for use and applications of the product are given for information purpose only. These suggestions do not release customers for conducting the necessary tests as suitability of the product is dependent on the characteristics of the intended process. The user of the product is solely responsible for compliance with all laws and regulations applied to the use of the product, including intellectual property rights of third parties. The information represent typical values, analytical methods are available at customers request.