HARVESTIA FOOD EXPORTS PRIVATE LIMITED
sales@harvestiagroup.com | harvestiagroup.com

Document	Product Specification
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PRODUCT SPECIFICATION

Moringa Powder

Product	Moringa Powder	**Spec. No.**	HG/MOR/001
Botanical name	*Moringa oleifera*	**Origin**	India
Treatment	Shade dried leaves, cleaned and milled		

PHYSICAL	**Min**	**Max**	**Target**	**Unit**	**Test method**
Particle size	-	-	60 to 80	mesh	ASTA 10.0
Color	-	-	Bright to olive green	-	-
Aroma	-	-	Fresh, green, characteristic	-	-
CHEMICAL	**Min**	**Max**	**Target**	**Unit**	**Test method**
Moisture	-	7.0	-	% w/w	ASTA 2.0
Total ash	-	12.0	-	% w/w	ASTA 3.0
Acid insoluble ash	-	1.5	-	% w/w	ASTA 4.0
Protein	25.0	-	-	% w/w	Kjeldahl
MICROBIOLOGICAL	**Min**	**Max**	**Target**	**Unit**	**Test method**
TPC	-	100,000	-	cfu/g	ISO 4833-1
Yeast & Mold	-	1,000	-	cfu/g	ISO 21527
Coliforms	-	100	-	cfu/g	ISO 4832
E.coli	-	Negative	-	/g	ISO 16649-2
Salmonella	-	Negative	-	/25g	ISO 6579-1
CONTAMINANTS (PERIODICAL)	**Min**	**Max**	**Target**	**Unit**	**Test method**
Aflatoxin B1	-	2.0	-	µg/kg	HPLC (AOAC or Equivalent)
Total Aflatoxin (B1, B2, G1, G2)	-	4.0	-	µg/kg	HPLC (AOAC or Equivalent)
Lead (Pb)	-	GB ML	-	mg/kg	ICP-MS
Cadmium (Cd)	-	GB ML	-	mg/kg	ICP-MS
Mercury (Hg)	-	GB ML	-	mg/kg	ICP-MS
Ethylene oxide (sum)	-	GB MRL	Not detected	mg/kg	GC-MS/MS
Pesticide residues	-	-	Comply with GB MRLs	-	LC-MS/MS, GC-MS/MS

PACKING

1. 20 kg / 25 kg bags or fibre drums with double PE liner
2. Container load: Confirm on request

FOOD SAFETY

1. Every lot is supplied with a certificate of analysis against this specification.
2. The product is not treated with ethylene oxide.
3. The product is free from GMO and purposeful irradiation.
4. The product contains none of the 14 allergens listed under UK food information law.

STORAGE AND SHELF LIFE

1. Store in a cool, dry place at ambient temperature, away from direct sunlight and strong odours.
2. Best before: 18 months from date of production in original unopened packing.

Abbreviations: w/w weight/weight, cfu colony forming units, MRL maximum residue level, ML maximum level, SHU Scoville heat units

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