HARVESTIA FOOD EXPORTS PRIVATE LIMITED
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Document	Product Specification
Version	01
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PRODUCT SPECIFICATION

Amaranth Seeds

Product	Amaranth Seeds	**Spec. No.**	HG/AMR/001
Botanical name	*Amaranthus spp.*	**Origin**	India
Treatment	Machine cleaned and Sortex cleaned		

PHYSICAL	**Min**	**Max**	**Target**	**Unit**	**Test method**
Purity	99.0	-	-	% w/w	Visual separation
Color	-	-	Off white to light golden	-	-
Flavour	-	-	Mild, nutty	-	-
CHEMICAL	**Min**	**Max**	**Target**	**Unit**	**Test method**
Moisture	-	10.0	-	% w/w	ASTA 2.0
Total ash	-	3.0	-	% w/w	ASTA 3.0
Protein	13.0	-	13 to 16	% 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)
Pesticide residues	-	-	Comply with GB MRLs	-	LC-MS/MS, GC-MS/MS

PACKING

1. 25 kg / 50 kg woven PP or paper bags with food grade PE liner
2. Private label retail packing available on request
3. Container load: 20 ft: 22 MT, 40 ft: 27 MT

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: 24 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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