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

Quinoa

Product	Quinoa	**Spec. No.**	HG/QUI/001
Botanical name	*Chenopodium quinoa*	**Origin**	India
Treatment	Washed or polished to remove saponin, cleaned and graded		

PHYSICAL	**Min**	**Max**	**Target**	**Unit**	**Test method**
Whole grain	99.3	-	-	% w/w	Visual
Purity	99.96	-	-	% w/w	Visual separation
Live insects	-	Absent	-	-	Visual
Color	-	-	Cream	-	-
CHEMICAL	**Min**	**Max**	**Target**	**Unit**	**Test method**
Moisture	-	13.0	-	% w/w	ASTA 2.0
Saponin	-	Absent	-	-	Foam test
MICROBIOLOGICAL	**Min**	**Max**	**Target**	**Unit**	**Test method**
TPC	-	1,000,000	-	cfu/g	ISO 4833-1
Yeast & Mold	-	10,000	-	cfu/g	ISO 21527
Coliforms	-	1,000	-	cfu/g	ISO 4832
E.coli	-	Negative	-	/g	ISO 16649-2
Bacillus cereus	-	10,000	-	cfu/g	ISO 7932
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)
Ochratoxin A	-	3.0	-	µg/kg	HPLC (AOAC or Equivalent)
Lead (Pb)	-	GB ML	-	mg/kg	ICP-MS
Pesticide residues	-	-	Comply with GB MRLs	-	LC-MS/MS, GC-MS/MS

PACKING

1. 25 kg PP bags with 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: 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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