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

Turmeric Fingers

Product	Turmeric Fingers	**Spec. No.**	HG/TUR/001
Botanical name	*Curcuma longa*	**Origin**	India
Treatment	Boiled, dried and polished. Polished without colouring agents		

PHYSICAL	**Min**	**Max**	**Target**	**Unit**	**Test method**
Type	-	-	Finger / bulb as ordered	-	-
Extraneous matter	-	2.0	-	% w/w	Visual separation
Color	-	-	Yellow to orange yellow	-	-
Aroma	-	-	Earthy, characteristic	-	-
CHEMICAL	**Min**	**Max**	**Target**	**Unit**	**Test method**
Curcumin	2.0	-	2.0 to 4.0 by grade	% w/w	Spectrophotometric
Moisture	-	10.0	-	% w/w	ASTA 2.0
Total ash	-	7.0	-	% w/w	ASTA 3.0
Acid insoluble ash	-	1.5	-	% w/w	ASTA 4.0
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	-	-	<100	cfu/g	ISO 16649-2
Salmonella	-	Negative	-	/25g	ISO 6579-1
CONTAMINANTS (PERIODICAL)	**Min**	**Max**	**Target**	**Unit**	**Test method**
Aflatoxin B1	-	5.0	-	µg/kg	HPLC (AOAC or Equivalent)
Total Aflatoxin (B1, B2, G1, G2)	-	10.0	-	µg/kg	HPLC (AOAC or Equivalent)
Ochratoxin A	-	15.0	-	µg/kg	HPLC (AOAC or Equivalent)
Lead chromate	-	Not detected	-	-	ICP-MS
Sudan dyes I to IV	-	Not detected	-	-	LC-MS/MS
Lead (Pb)	-	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. 25 kg / 50 kg woven PP bag with food grade PE liner
2. Private label retail packing available on request
3. Container load: 20 ft: 7 MT, 40 ft: 12 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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