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

Bay Leaves

Product	Bay Leaves	**Spec. No.**	HG/BAY/001
Botanical name	*Cinnamomum tamala*	**Origin**	India
Treatment	Sorted and cleaned		

PHYSICAL	**Min**	**Max**	**Target**	**Unit**	**Test method**
Leaf length	2.5	7.5	-	cm	Measurement
Leaf width	1.6	2.5	-	cm	Measurement
Shape	-	-	Elliptical	-	-
Purity	99.0	-	-	% w/w	Visual separation
Color	-	-	Greenish to yellowish green	-	-
CHEMICAL	**Min**	**Max**	**Target**	**Unit**	**Test method**
Moisture	-	13.0	-	% w/w	ASTA 2.0
Total ash	-	4.0	-	% w/w	ASTA 3.0
Acid insoluble ash	-	0.8	-	% w/w	ASTA 4.0
Volatile oil	1.5	-	-	ml/100g	ASTA 5.0
MICROBIOLOGICAL	**Min**	**Max**	**Target**	**Unit**	**Test method**
TPC	-	500,000	-	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)
Pyrrolizidine alkaloids (sum)	-	400	-	µg/kg	LC-MS/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. 10 kg / 20 kg cartons or bags with PE liner
2. Container load: 20 ft: 4 MT, 40 ft: 9 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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