

# PRODUCT SPECIFICATION SHEET



## LONGVIDA®

**LATIN NAME:**  
*Curcuma longa*

**COMMON NAME:**  
Turmeric

**HARVEST SEASON:**  
November - February<sup>1</sup>

**ORIGIN:**  
India

**PLANT PART USED:**  
Rhizome

**HARVEST METHOD:**  
Cultivated

**Product Code: LVB176EFPH**

PHYSICAL CHARACTERISTIC	SPECIFICATION	TEST METHOD
Identification	Positive	TLC
Appearance	Dry Granules	Visual
Color	Yellowish Orange <sup>2</sup>	Visual
Odor	Characteristic	Organoleptic
Taste	Characteristic	Organoleptic
Particle size	NLT 80.00% thru 20 mesh	USP <786>
	Report thru 40 mesh	USP <786>
	NMT 30.00% thru 100 mesh	USP <786>
Bulk Density	NLT 0.40 g/mL	USP <616>
Tap Density	NLT 0.50 g/mL	USP <616>
CHEMICAL ANALYSIS	SPECIFICATION	TEST METHOD
Assay for Actives		
a. Total Curcuminoids	NLT 23.00%	By HPLC
Loss on drying	NMT 6.00%	USP <731>
pH	3 - 8	USP <791>
Solubility		
in water @ 90°C	Slightly Soluble	IP
in alcohol	Soluble	IP
IMPURITIES	SPECIFICATION	TEST METHOD
Total heavy metals	< 10 ppm	USP <231>
Lead	< 2 ppm	AAS/ICP-MS
Mercury	< 2 ppm	AAS/ICP-MS
Arsenic	< 1 ppm	AAS/ICP-MS
Cadmium	< 1 ppm	AAS/ICP-MS
Pesticides Residue	USP <561> Screen	USP <561>
Residual Solvents	USP <467> Screen <sup>3</sup>	USP <467>
MICROBIOLOGY	SPECIFICATION	TEST METHOD
Total plate count	< 3000 cfu/g	USP
Yeast & mold	< 200 cfu/g	USP
Escherichia coli	Absent/10g	USP
Salmonella	Absent/10g	USP
Coliform	< 10 cfu/g	USP
Staph Aureus	Absent/10g	USP
Enterobacteriaceae	< 100 cfu/g	USP

<sup>1</sup>Harvest season is subject to change based on environmental changes.

<sup>2</sup>Color of botanical products is subject to seasonal conditions and may vary from lot to lot.

<sup>3</sup>Class 1, 2a, 2b, and selected Class 3

Note: Material has an inherent tendency to form clumps due to its hygroscopic nature.

### Ingredient Disclosure

*Curcuma longa* extract  
Soy Lecithin  
Stearic Acid  
Maltodextrin  
Ascorbyl (Vitamin C) Palmitate  
Silicon Dioxide

**Packaging:** 5 kgs net weight, double bagged  
**Shelf Life:** 36 months from manufacture date  
**Storage:** Room temperature, away from light and moisture.

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SCIENTIENCES

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