

PRODUCT SPECIFICATION			
INCI/Botanical Name	<i>CURCUMA LONGA</i>	Date of Expiry	03 Years
Product Name	Curcumin Extract	Extraction Solvent	Ethyl Acetate
Report No.	CL/EF/01291/23	Extraction Ratio	25:1
Parts of Plant	Rhizome	Origin	India
Cas No	458-37-7	HSN Code	13021919
TEST	SPECIFICATION	METHOD	
A. Physical Parameters:			
Appearance	Free flowing powder	Visual	
Color	Yellow to orange	Visual	
Odor	Odorless	Organoleptic	
Taste	Characteristic	Organoleptic	
Identification	To comply by HPLC	USP	
Loss on drying (At 1050C)	NMT 2.0% w/w	USP 731	
Particle Size (100 Mesh)	NLT 100.0% w/w	USP 791	
Bulk Density	300.0 to 600.0 kg/m ³	USP 616	
Solubility	Soluble in ethyl alcohol	USP 561	
B. Active Ingredients:			
Curcuminoids By HPLC	NLT 95% w/w	ASTA 18.0	
C. Heavy Metals:			
Lead (PB)	NMT 0.05 mg/kg	AOAC	
Arsenic (AS)	NMT 0.05 mg/kg	AOAC	
Cadmium (CD)	NMT 0.02 mg/kg	AOAC	
Mercury (HG)	NMT 0.01 mg/kg	AOAC	
D. Residual Solvent:			
Ethyl Acetate	NMT 50 mg/kg	FCC	
E. Microbiological Test:			
Total Plate Count	NMT 1000 cfu/g	FDA BAM	
Total Yeast & Mold Count	NMT 100 cfu/g	FDA BAM	
Escherichia coli	Absent	FDA BAM	
Salmonella	Absent	FDA BAM	
Staphylococcus aureus	Absent	FDA BAM	
Pseudomonas aeruginosa	Absent	FDA BAM	
F. Mycotoxin:			
Aflatoxin (B1+B2+G1+G2)	NMT 0.5 µg/kg	ASTA 24.2	
Residual Pesticides	Conforms	USP 561	
G. Other:			
Standard Packing: 25 Kg in single HDPE Container.			
The material is free from Allergens / GMO/ BSE - TSE.			
The material is not tested on animals.			
The material is non-irradiated & not treated with ETO.			
The above material complies with in-house specifications.			
Store in a cool and dry place away from sunlight and heat. The preferred storage is below 30 ° C.			
The Product Is of Herbal Origin. There May Be Minor Color Difference Due To Geographical and Seasonal Variation of the Plant Material.			

Note: This Is Computer Generated Specification & Does Not Require A Physical Signature.

