

PRODUCT SPECIFICATION

INCI/Botanical Name	<i>CURCUMA LONGA</i>	Date of Expiry	03 Years
Product Name	Curcumin Zinc Combination	Extraction Solvent	Ethyl Acetate
Report No	CL/BIP/03001/23	Extraction Ratio	---
Parts of Plant	Rhizomes	Origin	India
Cas No	458-37-7	HSN Code	13021919
TEST		SPECIFICATION	METHOD
A. Physical Parameters:			
Appearance	Fine powder		Visual
Color	Orange red to brown colored		Visual
Odour	Characteristic		Organoleptic
Taste	Characteristic		Organoleptic
Identification	Complies for Curcuminoids		By HPLC
Loss on Drying	NMT 5.0% w/w		USP 731
Tapped Density (After 50 Taps)	NLT 0.30 g/ml		USP 616
Particle Size (40 mesh)	NLT 90.0% w/w		USP 786
B. Active Ingredients:			
Total Curcuminoids Content	NLT 50.0% w/w		HPLC
Zinc in Complex	NLT 10.0% w/w		Titration
C. Heavy Metals:			
Total Heavy Metals	NMT 10.0 ppm		USP 231
Lead (PB)	NMT 3.0 ppm		ICP-MS
Arsenic (AS)	NMT 1.0 ppm		ICP-MS
Cadmium (CD)	NMT 1.0 ppm		ICP-MS
Mercury (HG)	NMT 0.1 ppm		ICP-MS
D. Residual Solvent:			
Ethyl Acetate	Complies		Gas Chromatograph
E. Microbiological Test:			
Total Plate Count	NMT 1000 cfu/g		USP 2021
Total Yeast & Mold Count	NMT 100 cfu/g		USP 2021
Escherichia coli	Absent		USP 2022
Salmonella spp.	Absent / 25gm		USP 2022
Coliforms	NMT 10 cfu/g		USP 2021
Staphylococcus Aureus	Absent		USP 2022
F. Mycotoxin:			
Aflatoxin (B1+B2+G1+G2)	---		USP 561
Residual Pesticides	Complies		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.