

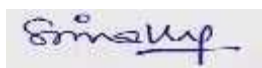
Technical Specification

Product: Curcuminoids-95%
 Specification Number: HC/ FP/ SPEC /100
 Shelf Life: 36 Months
 Standard Packing: 25 kg

TEST	SPECIFICATION	TESTMETHOD
Description /Appearance	Bright yellow to orange solid	Organoleptic
Identification By HPLC	The Retention time of the main peak in the sample should match with the standard	IH-TM
Loss on drying	NMT 2.0% w/w	USP 37<731>
Solubility	Insoluble in water	IH- TM
Particle size	100%pass through 60# mesh	USP 37<786>
Assay Total curcuminoids By HPLC Curcumin DMC BDMC	NLT 95.0% NLT 75.0% w/w NLT 14.0% w/w NLT 2.0% w/w	IH TM
Total Heavy metals A) Lead B) Arsenic C) Mercury D) Cadmium	NMT 2.0 ppm NMT 1.0 ppm NMT 0.5 ppm NMT 1.0ppm	USP<231> ICP-MS ICP-MS ICP-MS ICP-MS
Microbiology Tests a) Total Aerobic Microbial Count b) Yeast & Mould c) E.coli d) Salmonella e) Staphylococcus aureus f) Pseudomonas aeruginosa g) Coliform Count	NMT 1000 cfu/gm NMT 100 cfu/gm Absent in 10 gram Absent in 10 gram Absent in 10 gram Absent in 10 gram Absent in 10 gram	USP<2021> USP<2021> USP<2022> USP<2022> USP<2022> USP<62> IS 5401-2:2012
Residual solvents Ethyl acetate Iso propyl Alcohol	NMT 500 ppm NMT 100 ppm	USP

Prepared by

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