



HERBOCHEMTM
(Since 1973)

Technical Specification

Product:	Curcuminoids water soluble (special grade)
Plant part Used:	Rhizome
Botanical Name:	Curcuma Longa
Country of Origin:	INDIA
Shelf Life:	24 Months
Standard Packing:	25 kg

Test	Specification	Testmethod
Description /Appearance	Brown to Orange brown powder with characteristic odour	Organoleptic
Identification	By HPLC	IH-TM
Loss on Drying	NMT 5.0% w/w	USP <731>
Solubility in water	250 mg in 100 ml	IH-TM
Particle size	100% Pass through 40 mesh	USP<616>
Assay Curcuminoids By HPLC Polysaccharides By UV	NLT 10.0% w/w NLT 10.0% w/w	IH-TM
Heavy metals Lead Arsenic Cadmium Mercury	NMT 20 ppm NMT 1.0 ppm NMT 2.0 ppm NMT 1.0 ppm NMT 0.1 ppm	USP<231> ICP-OES ICP-OES ICP-OES ICP-OES
Microbiology Tests Total Aerobic Microbial Count Yeast & Mould Salmonella Escherichia coli Staphylococcus aureus	NMT 1000 cfu/gm NMT 100 cfu/gm Absent in 10 gram Absent in 10 gram Absent in 10 gram	USP<2021> USP<2021> USP<2022> USP<2022> USP<2022>

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