

QUALITY CONTROL
TECHNICAL DATA SHEET
CURCUMIN EXTRACT 95% USP

Product Name : Curcumin Extract 95% USP **Product Code** : TUE95CU
Country of Origin : India **Plant Part Used** : Rhizome

Characteristic	Specification	Test Method
Physical		
Identification	Positive	TLC
Appearance	Fine Powder	Visual
Color	Yellowish Orange	Visual
Odor & Taste	Characteristic	Organoleptic
Particle Size	95% (through 40 mesh)	USP 43 <786>
Bulk Density	0.3 gm/ml to 0.6 gm/ml	USP 43 <616>
Tap Density	0.4 gm/ml to 0.7 gm/ml	USP 43 <616>
Chemical		
Total Curcuminoids	NLT 95% (Dry Basis)	USP 43
Curcumin	70-80% (Dry Basis)	USP 43
DemethoxyCurcumin	15-25% (Dry Basis)	USP 43
BisdemethoxyCurcumin	2.5-6.5% (Dry Basis)	USP 43
Loss on Drying (Moisture)	NMT 2%	USP 43 <731>
pH	4 - 8	USP 43 <791>
Herb Extract Ratio	50:1	In House Specification
Solubility (In Water)	Insoluble	IP
Solubility (In Acetone)	Soluble	IP
Excipients	None	In House Specification
Carriers	None	In House Specification
Residual Solvent		
Extraction Solvent	Ethyl Acetate	In House Specification
Residual Solvent(s)	Complies	USP 43 <467>
Heavy Metals		
Lead	NMT 0.5 ppm	ICP-MS
Mercury	NMT 1 ppm	ICP-MS
Arsenic	NMT 1 ppm	ICP-MS
Cadmium	NMT 1 ppm	ICP-MS
Microbiology		
Total Plate Count	NMT 1000 cfu/gm	AOAC BAM
Yeast & Mould	NMT 100 cfu/gm	AOAC BAM
E.Coli	Absent / 10gm	AOAC BAM
Coliforms	NMT 10 gfu/gm	AOAC BAM
Salmonella	Absent / 25 gm	AOAC BAM

Shelf Life : 24 months from mfg. date in original packing under unopened condition

Storage : Store in a cool dry place, away from sunlight, moisture, at room temperature

Note: There might be minor color variation from batch to batch on account of seasonal variation of the raw material. Color variation does not impact the efficacy and quality of the final product.