

# Lotioncrafter

48 Hope Ln

Eastsound, WA 98245

Tel: 360-376-8008

## Specification Sheet

### Tetrahydrocurcuminoids

CAS No. 36062-04-1

Specification	Range
Description	Off white to creamy white powder
Identification	To comply by HPLC
Solubility	Soluble in acetone, insoluble in water
Loss on drying	≤ 1.0 w/w
Melting range	85°C – 100°C
Tapped bulk density	0.40 – 0.90 g/ml
Loose bulk density	0.30 – 0.60 g/ml
Sieve Test (Passes Through)	
- 20 Mesh	≥ 98% w/w
- 40 Mesh	≥ 70% w/w
- 80 Mesh	≥ 50% w/w
Assay	
- Content of Tetrahydrocurcumin by HPLC	≤ 3 ppm (µg/g) and ≤ 102.0% on dry basis
Lead	≤ 3 ppm (µg/g)
Arsenic	≤ 1 ppm (µg/g)
Cadmium	≤ 1 ppm (µg/g)
Mercury	≤ 0.1 ppm (µg/g)
Residual Solvents	To comply as per USP
Total aerobic count	≤ 5000cfu/g
Total yeasts and molds count	≤ 100cfu/g
Escherichia coli	Negative/10g
Salmonella	Negative/10g
Staphylococcus aureus	Negative/10g
Pseudomonas aeruginosa	Negative/10g
Coliforms	< 10cfu/g

Shelf Life: 5 years from the date of manufacture

Storage: Store at room temperature

Country of Origin: India