

TECHNICAL DATA SHEET

Product code	030177
Product	Curcuma longa rhizomes extract
Specification	Curcumin 5%, HPLC
Part used	Root
Botanical source	<i>Curcuma longa</i> L.

Items	Specifications	Test Methods
Appearance	Yellow orange powder	Visual
Odor	Characteristic	Organoleptic
Taste	Characteristic	Organoleptic
Particle size	NLT95% through 60 mesh	CP2015
Solubility	Soluble in ethanol acetone and glacial acetic acid	CP2015
Assay	Curcuminoids≥5%	HPLC
	Curcumin I	HPLC
	Curcumin II	HPLC
	Curcumin III	HPLC
Loss on drying	≤2.0%	GB/T5009.3-2016
The total ash	≤1.0%	GB/T5009.4-2016/5.3.3
Solvent residue	≤5000ppm	CP2015
Tap density g/ml	0.5-0.9	GB/T21354-2008
Bulk density g/ml	0.3-0.5	GB/20316.2-2006
Heavy metals	≤10ppm	GB/T5009.74-2003
As	≤3ppm	GB/T5009.11-2014
Pb	≤2ppm	GB/T5009.12-2017
Cd	≤1ppm	GB/T5009.15-2003
Hg	≤0.5ppm	GB/T5009.17-2003
TPC	<1000cfu/g	Authorized Lab
Yeast & mold	<100cfu/g	Authorized Lab
E. Coil	None	Authorized Lab
Staphylococcus aureus	None	Authorized Lab
Salmonella	None	Authorized Lab

Net weight: 25kgs/Drum or Carton

Gross weight: 27.5Kgs±0.5kg/Drum

Packing size: Drum.I.D.35×H51cm; Carton 36cm×36cm×45cm

24 months under in a well-closed container and away from moisture, light, oxygen.

Packed in paper-drums or carton with two plastic-bags inside.