

EffePharm (Shanghai) Co., Ltd

Bld 4, No.1, Mid Wangdong Rd, Shanghai, China



Specification Sheet

Product Information		
Product Name	Curcumin	
CAS#	458-37-7	
Molecular Formula	C ₂₁ H ₂₀ O ₆	
Formula Weight	368.38	
Country of Origin	P.R. China	
Reference	In House	
Item	Specification	Test Method
Active Ingredient		
Total Curcumin	NLT 95%	HPLC
Curcumin	70.0% ~ 80.0%	HPLC
Desmethoxy Curcumin	15.0% ~ 25.0%	HPLC
Bisdeshmethoxy Curcumin	2.5% ~ 6.5%	HPLC
Physical Control		
Appearance	Brownish-yellow to orange-yellow powder	Visual
Loss on Drying	NMT 1%	USP43
Residue on Ignition	NMT 0.5%	USP43
Chemical Control		
Heavy Metals	NMT 10ppm	USP<231>
Arsenic (As)	NMT 2.0ppm	ICP-MS
Cadmium (Cd)	NMT 2.0ppm	ICP-MS
Lead (Pb)	NMT 1.0ppm	ICP-MS
Mercury (Hg)	NMT 0.1ppm	ICP-MS
Microbiological Control		
Total Plate Count	NMT 1,000cfu/g	USP43
Yeast & Mold	NMT 1,00cfu/g	USP43
Salmonella	Negative	USP43
E.Coli	Negative	USP43
Packing and Storage		
Storage	Keep in a sealed and place in a well ventilated and dry place.	
Shelf Life	2 years if sealed and stored properly.	

Prepared by Zhongping Xu

