

SPECIFICATION

Product Name/产品名称	Curcumin Extract	Botanical Name/植物学名	<i>Curcuma Longa L.</i>
Part Used/使用部位	Root	Extract Solvent/提取溶剂	Ethanol& Water
Carrier %/辅料	Maltodextrin	Extract Ratio/提取比例	40: 1
Shelf Life/保质期	2 Years	Country of Origin/原产地	China

Characters/性状	Reference/检测方法	Standard/标准
Appearance/外观	Visual	Orange-yellow Granular
Odour/气味	Organoleptic	Characteristic
Taste/滋味	Organoleptic	Characteristic

Assay/含量	Reference/检测方法	Standard/标准
Curcuminoids/总姜黄素	HPLC	Min. 95%
Curcumin/姜黄素	HPLC	70%-80%
Demethoxycurcumin/脱甲氧基姜黄素	HPLC	15%-20%
Bisdemethoxycurcumin/双脱甲氧基姜黄素	HPLC	2.5%-6.5%

Item/检测项目	Reference/检测方法	Standard/标准
Particle Size/细度	20 mesh screen	Min 95% pass 20 mesh~60 mesh
Bulk Density/堆密度	CP<2020>	0.5g/ml~0.9g/ml
Loss on Drying/干燥失重	5g/105°C/2hrs	Max. 2%
Ash Content/灰分	2g/525°C/3hrs	Max. 2%
Heavy Metal/重金属	CP<2020>	Max. 10 ppm
Lead/铅	AAS	Max. 3 ppm
Arsenic/砷	AAS	Max. 2 ppm
Cadmium/镉	AAS	Max. 1 ppm
Mercury/汞	AAS	Max. 0.1 ppm
Ethanol Residue/乙醇残留	GC	Max. 5,000 ppm
*Pesticide Residue/农药残留	Third-Lab Test	Meet EC396/2005
*Benzopyrene/苯并芘	Third-Lab Test	Max. 10ppb
*PAH(4)/多环芳烃	Third-Lab Test	Max. 50ppb
Total Aerobic/总菌落	CP<2020>	Max. 10,000 CFU/g
Mold and Yeast/霉菌酵母菌	CP<2020>	Max. 100 CFU/g
E. Coli/大肠杆菌	CP<2020>	Negative/1g
*Salmonella/沙门氏菌	CP<2020>	Negative/25g

Storage/存储	Store in cool, dry, clean storage areas. Away from strong direct light and heat.
Packing/包装	Packed in fibre-drum with two food grade PE bags inside N.W.: 25Kg/Drum.

Statements/声明
Non-Irradiated, Non-ETO, Non-GMO, Non-Allergen
As a natural product, there may be color variations from lot to lot due to crop fluctuations from harvest.
The item marked with * is tested at a set frequency based on risk assessment.