



长沙上禾生物科技有限公司  
Changsha staherb natural ingredients co.,ltd.

质量检测报告单  
Certificate of analysis

SH/QR-01-02/0

编号(No.)20190228002

产品名称 Item	Curcumin 95%	批号 Batch Number	STA-20190228002
规格 Specification	95%	数量 Quantity	150Kg
Extract Solvent	95% Ethyl Acetate		
检测日期 Date	2019.02.28		
Ingredient statement: 100%Curcuminoids			

Items	Specifications	Results	Method
<b>Description</b>			
Appearance	Orange-yellow Powder	Complies	Visual
Odor	Characteristic	Complies	organoleptic
Taste	Astringent	Complies	Organoleptic
Particle Size 80 mesh	Not less than 85.0%	Complies	CP2010,Part 2 I,App.XIB
<b>Chemical Test</b> compacted density			
Identification	Positive by HPLC		
By IR spectrum	The IR spectrum of sample is concordant with that of standard		
Assay测定	Total Curcuminoids $\geq 95.0\%$	95.46%	HPLC
	Curcumin	53.95%	
	Desmethoxy Curcumin	12.78%	
	Bisdemethoxy Curcumin	28.73%	
Loss on Drying干燥失重	$\leq 2.0\%$	0.71%	CP2010
Ash灰分	$\leq 1.0\%$	0.5%	CP2010
compacted density振实密	0.5-0.7 g/ml	0.62 g/ml	CP2010
Loose Bulk Density松散积密	0.4-0.5 g/ml	0.43g/ml	CP2010
Heavy Metals重金属	$\leq 10$ ppm	Complies	GB8451
Arsenic (As)	$\leq 2$ ppm	$< 0.3$ ppm	GB/T5009.11-2003
Lead (Pb)	$\leq 2$ ppm	$< 0.3$ ppm	GB/T5009.12-2010
Cadmium (Cd)	$\leq 0.1$ ppm	Complies	GB/T5009.15
Mercury (Hg)	$\leq 0.1$ ppm	0.1ppm	GB/T5009.17-2003
Solvent Residue溶剂残留	—	CPMP/ICH/283	Complies
Pesticide Residue农药残留	Conform to EU regulation	Complies	Complies
<b>Microbial Analysis微生物分析 (非辐照)</b>			

Total Plate Count菌落总数	< 1000 cfu/g	Complies	Authorized Lab Test
Yeast and Mold霉菌酵母菌	< 100 cfu/g	60 cfu/g	Authorized Lab Test
Escherichia Coli大肠杆菌	Negative	Not Detected	Authorized Lab Test
Salmonella/25g	Negative/25g	Negative/25g	Authorized Lab Test
<b>Package &amp; Storage包装与存储</b>			
Package包装	25kg/drum	Shelf Life保质期	Two years when properly stored两年
Storage 存储	Store in a cool, dry place and keep away from direct strong light. 避光 阴凉 干燥		

检测 Analyst: Anna Wang

审核 Auditing: Yong Lei 批准 authorize: Zhihui Liu

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Keep on innovation upon customers' demand of natural products.

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