



We Bring Natural Ingredient From Nature

Shaanxi Guanjie Technology Co., Ltd(factory)

Certificate of Analysis

Product Name	Cinnamon Bark Extract	Manufacture Date	Jun.20,2022
Batch No.	CI220620	Certificate Date	Jun.24,2022
Batch Quantity	1500kgs	Expiration Date	Jun.19,2024
Storage Condition	Store in cool & dry place, Keep away from strong light and heat.		

Item	Specification	Result	Method
Basic Product Information			
Genus and Species	<i>Cinnamomum cassia Presl.</i>	Conform	/
Part of the Plant	Bark	Conform	/
Country of Origin	China	Conform	/
Marker Compounds			
Assay(Polyphenols)	>50%	51.22%	UV
Organoleptic Data			
Appearance	Fine Powder	Conform	GJ-QCS-1008
Color	Brown	Conform	GB/T 5492-2008
Odor	Characteristic	Conform	GB/T 5492-2008
Taste	Characteristic	Conform	GB/T 5492-2008
Process Data			
Method of Processing	Extraction	Conform	/
Solvent(s) Used	Ethanol & Water	Conform	/
Drying Method	Spray drying	Conform	/
Physical Characteristics			
Particle Size	98.0% pass 80mesh	Conform	GB/T 5507-2008
Loss on drying	<5.0%	3.42%	GB/T 14769-1993
Ash Content	<5.0%	0.53%	AOAC 942.05, 18th
Solvent Residue	Eur Pharm	Conform	GJ-QCS-1007
Heavy Metals			
Total Heavy Metals	<10ppm	Conform	USP <231>, method II
As	<2.0ppm	Conform	AOAC 986.15, 18th
Pb	<2.0ppm	Conform	AOAC 986.15, 18th
Cd	<0.5ppm	Conform	AOAC 986.15, 18th
Hg	<0.1ppm	Conform	Reg. 2008/629/EC
Pesticide Residue	/	Conform	Reg. 396/2005/EC
Aflatoxins parameters			
Aflatoxins B1	<2 ppb	Conform	Reg. 165/2010/EC
Total aflatoxins (B1,B2,G1,G2)	<4 ppb	Conform	Reg. 165/2010/EC
Polycyclic aromatic hydrocarbons parameters			
PAH	< 50 µg/kg	Conform	Reg. 1933/2015/EC
Benzo(a)pyren	< 10 µg/kg	Conform	Reg. 1933/2015/EC
Microbiology			
Total Plate Count	<1,000cfu/g	Conform	AOAC 990.12, 18th
Total Yeast & Mold	<100cfu/g	Conform	FDA (BAM) Chapter 18, 8th Ed.
E. Coli	Negative	Negative	AOAC 997.11, 18th

<http://www.guanjieherb.com/> Tel: 0086-29-86626948 FAX:0086-29-68740290

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Salmonella	Negative	Negative	FDA (BAM) Chapter 5, 8th Ed.
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Conclusion: Complies with specification

Tested by: Liu gang **Date:** 2022.06.24

Approved by: Susan Sun, Ph.D **Date:** 2022.06.24

