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Shaanxi Guanjie Technology Co., Ltd

Certificate of Analysis

Product Name	Horny goat weed extract	Manufacture Date	Jun. 15, 2022
Batch No.	HO220615	Certificate Date	Jun. 19, 2022
Batch Quantity	880kgs	Expiration Date	Jun. 14, 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>Epimedinm Brericornum Maxim</i>	Conform	/
Part of the Plant	Air herb	Conform	/
Country of Origin	China	Conform	/
Marker Compounds			
Assay (Icariins)	>5.0%	5.13%	HPLC
Organoleptic Data			
Appearance	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	Conform	/
Drying Method	Vacuum drying	Conform	/
Physical Characteristics			
Particle Size (80 mesh)	98.0%pass 80mesh	Conform	GB/T 5507-2008
Moisture	<2%	1.23%	GB/T 14769-1993
Ash Content	<2%	0.31%	AOAC 942.05, 18th
Solvent Residue	Eur Pharm	Conform	GJ-QCS-1007
Heavy Metals			
Total Heavy Metals	<10 ppm	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	<0.5ppm	Conform	AOAC 971.21, 18th
Pesticide Residue			
666	<0.2ppm	Conform	GB/T5009.19-1996
DDT	<0.2ppm	Conform	GB/T5009.19-1996
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
Salmonella	Negative	Negative	FDA (BAM) Chapter 5, 8th Ed.

Conclusion: Complies with specifications

Tested by: Li Jigang

Approved by: Susan Sun, Ph.D

Date: 2022.06.19

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