

Certificate of Analysis

Product Name	Gynostemma pentaphyllum Extract		
Batch No.	GY230202		
Batch Quantity	400kgs		
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>Gynostemma pentaphyllum(thunb)mak</i>	Conform	/
Part of the Plant	Stem leaf and root	Conform	/
Country of Origin	China	Conform	/
Organoleptic Data			
Assay(Gyenosides)	≥80%	82.1%	WS3-Z-006-93(Z)
Appearance	Fine powder	Conform	HES-QCS-1008
Color	Light yellow	Conform	GB/T 5492-2008
Odor	Characteristic	Conform	GB/T 5492-2008
Taste	Characteristic	Conform	GB/T 5492-2008
Identification	Must positive	Conform	TLC
Physical Characteristics			
Particle Size	100% Pass 80 mesh	Conform	GB/T 5507-2008
Loss on Drying	<5.0%	4.3%	GB/T 14769-1993
Ash (3h at 600°C)	<5.0%	4.1%	GB 5009.4
Pesticide			
666	≤0.1mg/kg	Conform	GB/T 5009.19-2008
DDT	≤0.1mg/kg	Conform	GB/T 5009.19-2008
Heavy Metals			
Total Heavy Metals	<10ppm	Conform	USP <231>, method II
As	<1.0ppm	Conform	AOAC 986.15, 18th
Pb	<1.0ppm	Conform	AOAC 986.15, 18th
Cr	<0.3ppm	Conform	AOAC 986.15, 18th
Hg	<0.3ppm	Conform	AOAC 971.21, 18th
Microbiology			
Total Plate Count	<1,000cfu/g	Conform	AOAC 990.12, 18th
Yeast & Mold	< 100cfu/g	Conform	FDA (BAM) Chapter 18, 8th Ed.
E. Coli	Negative	Negative	AOAC 997.11, 18th
Salmonella	Negative	Negative	GB 4789.4-2016
S. Aureus	Negative	Negative	GB 4789.10-2016
Hemolytic streptococcus	Negative	Negative	GB 4789.11-2014
Shigella	Negative	Negative	GB 4789.5-2012

