

Certificate of Analysis

Product Name	Siberian Ginseng P.E.		
Batch No.	SI230315		
Batch Quantity	700kgs		
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>Eleutherocus senticosus</i>	Conform	/
Part of the Plant	Root	Conform	/
Country of Origin	China	Conform	/
Marker Compounds			
Assay Eleutherosides(B+E)	0.8%	0.84%	HPLC
Organoleptic Data			
Appearance	Fine powder	Conform	HES-QCS-1008
Color	Brown Fine powder	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	Grain alcohol/water	Conform	/
Drying Method	Spray drying	Conform	/
Excipient	None	Conform	/
Residue on Ignition	≤5.0%	Conform	
Physical Characteristics			
Particle Size (80 mesh)	98.0%pass 80mesh	Conform	GB/T 5507-2008
Loss on Drying	<5.0%	2.46%	GB/T 14769-1993
Ash Content	<5.0%	1.57%	AOAC 942.05, 18th
Solvent Residue	None	Conform	HES-QCS-1007
Heavy Metals			
Total Heavy Metals	<10 ppm	Conform	USP <231>, method II
Arsenic	<1.0 ppm	Conform	AOAC 986.15, 18th
Lead	<0.2 ppm	Conform	AOAC 986.15, 18th
Mercury	<0.5 ppm	Conform	AOAC 971.21, 18th
Microbiology			
Total Plate Count	<1,000cfu/g	Conforms	AOAC 990.12, 18th
Yeast & Mold	< 100cfu/g	Conforms	AOAC/Petrifilm
E. Coli	Negative	Negative	AOAC 997.11, 18th
Salmonella	Negative	Negative	FDA (BAM) Chapter 5, 8th Ed.

