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Nutripharma

陕西康盛生物技术有限公司

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Certificate of Analysis

Product Name	Ginseng Root Extract	Batch Number	20170736
Latin Name	Panax ginseng C.A.Meyer	Quantity	100kg
Part Used	Dried ginseng root	Manufacture Date	24/07/2017
Extract Solvent	Ethanol & Water	Report Date	25/07/2017

Item	Specification	Result	Test Method
Active Ingredients			
Assay (Based On Wet)	Total of Ginsenosides≥10%	10.34% (Rg1:0.51% Re:1.29% Rf:0.26% Rb1:2.20% Rc:2.43% Rb2:2.01% Rd:1.62%)	HPLC
Physical Control			
Appearance	Fine Powder	Complies	Visual
Color	Brown-yellow	Complies	Visual
Odor &Taste	Characteristic Odor &Taste	Complies	Organoleptic
Loss on Drying	NMT 5.0%	2.3%	ChP2015
Ash	NMT 5.0%	2.5%	ChP2015
Particle Size	NLT 99% Through 80 mesh	Complies	ChP2015
Chemical Control			
Total Heavy Metals	NMT10.0mg/kg	Complies	Atomic Absorption
Lead (Pb)	NMT 2.0 mg/kg	Complies	Atomic Absorption
Arsenic (As)	NMT 1.0mg/kg	Complies	Atomic Absorption
Mercury (Hg)	NMT 0.2 mg/kg	Complies	Atomic Absorption
Cadmium (Cd)	NMT 0.1 mg/kg	Complies	Atomic Absorption
Pesticide Residues	Free of Pesticides (EP7.0 &EC396/2005 limits)	Complies	LC/GC-MS
	fungicides≤10μg/kg	Complies	LC/GC-MS
	p`p-DDE, p`p-DDT, o`p-DDT, p`p-DDD≤10μg/kg	Complies	LC/GC-MS
	PNCB≤10μg/kg.procymidone≤10μg/kg	Complies	LC/GC-MS
Microbiological Control			
Total Plate Count	NMT 1000cfu/g	100cfu/g	AOAC
Yeast & Mold	NMT 100cfu/g	10cfu/g	AOAC
E. Coli.	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Package、Storage and Shelf Life			
Package	Inner packing with two layers of plastic bag，outer packing with 25kg Cardboard drum.		
Storage	Store in a well-closed container away from moisture and direct sunlight.		
Shelf Life	2 years if sealed and stored properly.		
Commitment Note: Non-GMO; Non-irradiation.			

QC: Lijia

QA: Liyaqiang

