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CERTIFICATE OF ANALYSIS

Maca Extract Powder Extract Ratio: 4:1

Lot Number: MCA-150501 Manufacture Date: 2015/05/03 Expiry Date: 2017/05/02

General Information			
Part Used	Root	Solvents Used	Water
Botanical Source	<i>Lepidium meyenii</i>	Country Of Origin	China
ITEMS	SPECIFICATION	METHOD	TEST RESULTS
Physical&Chemical Data			
Color	Yellow Brown	Organoleptic	Conform
Odor	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform
Analytical Quality			
Identification	Identical to R.S. sample	HPTLC	Identical
Sieve analysis	100% through 80 mesh	USP34<786>	Conform
Loss on Drying	≤5.0%	Eur.Ph.7.0 [2.8.17]	3.42%
Total Ash	≤10.0%	Eur.Ph.7.0 [2.4.16]	3.35%
Contaminants			
Lead (Pb)	≤3.0 mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS	Conform
Arsenic (As)	≤2.0 mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS	Conform
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS	Conform
Mercury (Hg)	≤0.1 mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS	Conform
Solvents Residue	Meet Eur.Ph.7.0 <5.4>	Eur.Ph.7.0<2.4.24>	Conform
Pesticides Residue	Meet USP Requirements	USP34 <561>	Conform
Microbiological			
Total Plate Count	≤10000 cfu/g	USP34 <61>	Conform
Yeast & Mold	≤1000 cfu/g	USP34 <61>	Conform
E.Coli.	Negative	USP34 <62>	Conform
Salmonella	Negative	USP34 <62>	Conform
General Status			
Packing&Storage	Packed in paper-drums and two plastic-bags inside. N.W:25kgs.		
Shelf life	Store in a well-closed container. Away from moisture, light, oxygen.		
Remarks	24 months under the conditions above and in its original packaging.		
	Non-Irradiated, Non-GMO, Non-Allergen		

Analytical Laboratory Manager:

Date: 2015.05.10

王海

