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CERTIFICATE OF ANALYSIS

Siberian Ginseng Root Extract

Lot Number: SBG-220503

Manufacture Date: 2022/05/20

Expiry Date: 2024/05/19

General Information			
Part Used	Root	Solvents Used	Water/Ethanol
Botanical Source	<i>Eleutherococcus Senticosus</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
Eleutheroside B+E	$\geq 0.8\%$	HPLC	0.81%
Sieve analysis	100% through 80 mesh	USP	Conform
Loss on Drying	$\leq 5.0\%$	Eur.Ph.	4.62%
Total Ash	$\leq 5.0\%$	Eur.Ph.	4.01%
Contaminants			
Lead (Pb)	≤ 3.0 mg/kg	Eur.Ph. ICP-MS	Conform
Arsenic (As)	≤ 2.0 mg/kg	Eur.Ph. ICP-MS	Conform
Cadmium (Cd)	≤ 1.0 mg/kg	Eur.Ph. ICP-MS	Conform
Mercury (Hg)	≤ 0.1 mg/kg	Eur.Ph. ICP-MS	Conform
Solvents Residue	Meet Eur.Ph.	Eur.Ph.	Conform
Pesticides Residue	Meet USP Requirements	USP	Conform
Microbiological			
Total Plate Count	$\leq 10,000$ cfu/g	USP	Conform
Yeast & Mold	≤ 100 cfu/g	USP	Conform
E.Coli.	Negative	USP	Conform
Salmonella	Negative	USP	Conform
General Status			
Packing&Storage	Packed in paper-drums and two plastic-bags inside. N.W:25kgs. Store in a well-closed container Away from moisture, light, oxygen.		
Shelf life	24 months under the conditions above and in its original packaging.		
Remarks	Non-Irradiation, Non-GMO, Non-Allergen		
Analytical Laboratory Manager:	 王海		
Date: 2022.05.27			