

## Specifikace produktu

Siberian ginseng root extract (Eleutherococcus senticosus) (0.8% Eleutherosides HPLC)
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### General Information

Part Used	Root
Solvents Used	Water&Ethanol
Botanical Source	Eleutherococcus senticosus

ITEMS	SPECIFICATION	METHOD	TEST RESULTS
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### Physical&Chemical Data

Color	Yellowish Brown	Organoleptic	Conform
Odour	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform

### Analytical Quality

Identification	Identical to R.S. sample	HPTLC	Identical
Eleutherosides	≥0.8%	HPLC	0.82%
Sieve analysis	100 % through 80 mesh	Eur.Ph. <2.9.12>	Conform
Loss on Drying	≤5.0 %	Eur.Ph. <2.8.17>	3.04 %
Total Ash	≤10.0 %	Eur.Ph. <2.4.16>	4.69 %
Bulk density	40~60 g/100mL	Eur.Ph. <2.9.34>	55 g/100mL
Tap density	60~90g/100mL	Eur.Ph. <2.9.34>	74 g/100mL

### Contaminants

Lead (Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.1219 mg/kg
Arsenic (As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.2622 mg/kg
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0313 mg/kg
Mercury (Hg)	≤0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0166 mg/kg
Benzo(a)Pyrene	≤10µg/Kg	(EC)No.1881/2006	Conform
PAH4	≤50µg/Kg	(EC)No.1881/2006	Conform
Solvents Residue	Meet Eur.Ph. <2.4.24>	Eur.Ph. <2.4.24>	Conform
Pesticides Residue	Meet Eur.Ph. <2.8.13>	Eur.Ph. <2.8.13>	Conform

### Microbiological

Total Plate Count	≤10000 cfu/g	Eur.Ph. <2.6.12>	200 cfu/g
Yeast &Mold	≤1000 cfu/g	Eur.Ph. <2.6.12>	10 cfu/g
E.Coli.	Negative	Eur.Ph. <2.6.13>	Conform
Salmonella	Negative	Eur.Ph. <2.6.13>	Conform

### General Status

Non-Irradiation	≤700	EN <13751:2002>	395
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Packing&Storage Packed in paper-drums and two plastic-bags inside;  
 N.W:25kgs, I.D.35×H51cm;  
 Store in a well-closed container Away from moisture,light, oxygen.  
 Shelf life 36 months under the conditions above and in its original packaging.

