

CERTIFICATE OF ANALYSIS

Lycopodium Serratum Extract 1% Huperzine A(HPLC)

Batch No.: CQCT-C-908502 Manufacture Date: 20190920 Expiry Date: 20220919

General Information

Part Used	Whole herb	Solvents Used	Water&Ethanol
Botanical Source	<i>Lycopodium serratum</i>	Country Of Origin	China

ITEMS	SPECIFICATION	METHOD	TEST RESULTS
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Physical&Chemical Data

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

Analytical Quality

Identification	Identical to R.S. sample	HPTLC	Identical
Huperzine A	≥1.0%	HPLC	1.04%
Sieve analysis	100 % through 80 mesh	Eur.Ph. <2.9.12>	Conform
Loss on Drying	≤5.0 %	Eur.Ph. <2.8.17>	2.36%
Total Ash	≤10.0 %	Eur.Ph. <2.4.16>	5.08%
Bulk density	40~60 g/100mL	Eur.Ph. <2.9.34>	51 g/100mL

Contaminants

Lead (Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.1421 mg/kg
Arsenic (As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.1052 mg/kg
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0228 mg/kg
Mercury (Hg)	≤0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0249 mg/kg
Solvents Residue	Meet Eur.Ph. <5.4>	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>	110 cfu/g
Yeast &Mold	≤1000 cfu/g	Eur.Ph. <2.6.12>	60 cfu/g
E.Coli.	Negative	Eur.Ph. <2.6.13>	Conform
Salmonella	Negative	Eur.Ph. <2.6.13>	Conform

This is a computer generated report.