

## CERTIFICATE OF ANALYSIS

Ganoderma lucidum Extract

**Batch No.:** RDECB20190618

**Manufacture Date:** 20190618

**Expiry Date:** 20210617

<b>General Information</b>			
Part of Used	Fruit Body	Solvent Used	Water & Ethanol
Botanic Source	<i>Ganoderma Lucidum Karst</i>	Botanic Source	China
ITEMS	SPECIFICATION	METHOD	TEST RESULTS
<b>Assay</b>			
Polysaccharides	≥ 30.0%	UV	31.02%
Triterpenes	≥ 2.0%	HPLC	2.08%
<b>Physical &amp; Chemical Data</b>			
Color	Light Brown	Organoleptic	Conform
Odour & Taste	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform
<b>Analytical Quality</b>			
Identification	Identical to R.S. sample	HPTLC	Identical/ Positive
Sieve Analysis	98% through 80 mesh	USP36 <786>	Conform
Loss on Drying	≤5.0%	Eur.Ph.7.0 [2.8.17]	2.24%
Total Ash	≤5.0%	Eur.Ph.7.0 [2.4.16]	2.39%
Bulk Density	40-60g/100ml	Eur.Ph.7.0 [2.9.34]	40.0g/100ml
<b>Contaminants</b>			
Lead (Pb)	≤ 2.0mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS	Conform
Arsenic (As)	≤ 1.0mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS	Conform
Cadmium (Cd)	≤ 1.0mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS	Conform
Mercury (Hg)	≤ 0.1mg/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
Pesticide Residue	Meet USP Requirements	USP36<561>	Conform
<b>Microbiological</b>			
Total Plate Count	≤ 10,000cfu/g	USP36<61>	Conform
Yeast & Mold	≤ 1,000cfu/g	USP36<61>	Conform
E. Coli	Negative	USP36<62>	Not Detected
Salmonella	Negative	USP36<62>	Not Detected
<b>Conclusion</b>			
Conforms with the standard of USP, EP, and GB.			
<b>Shelf Life</b>			
24 months under the conditions above and in its original packaging.			
<b>Packing &amp; Storage</b>			
Packed in paper-drums and two plastic-bags inside. N. W.: 25kgs, Drum Size: Diameter 35cm ×Height 51cm. Store in a well-closed container away from moisture, light, heat, oxygen.			

