

## CERTIFICATE OF ANALYSIS

Lion's Mane Mushroom Extract

**Batch No.: RDELM0181112    Manufacture Date: 20181112    Expiry Date: 20201111**

General Information			
Part of Used	Fruit body	Solvent Used	Water
Botanic Source	<i>Hericium erinaceus</i>	Country of Origin	China
ITEMS	SPECIFICATION	METHOD	TEST RESULTS
Assay			
Polysaccharides	≥ 30%	UV-Vis	30.19%
Physical & Chemical Data			
Color	Yellow Brown	Visual	Conform
Odour & Taste	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform
Analytical Quality			
Identification	Identical to R.S. sample	HPTLC	Identical
Sieve Analysis	100% through 80 mesh	USP36 <786>	Conform
Loss on Drying	≤5.0%	Eur.Ph.7.0 [2.8.17]	3.19%
Total Ash	≤5.0%	Eur.Ph.7.0 [2.4.16]	3.38%
Bulk Density	40-60g/100mL	Eur.Ph.7.0 [2.9.34]	55.00g/100mL
Contaminants			
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
Pesticide Residue	Meet USP Requirements	USP36<561>	Conform
Microbiological			
Total Plate Count	≤ 10,000cfu/g	USP36<61>	Conform
Yeast & Mold	≤ 1,000cfu/g	USP36<61>	Conform
E. Coli	Negative	USP36<62>	Conform
Salmonella	Negative	USP36<62>	Conform
General Status	Non-Irradiated/ Non-ETO/ Treat by Heat Only		
Packing & Storage	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.		
Shelf Life	24 months under the conditions above and in its original packaging.		
Manufacturer	RD Health Ingredients Co., Ltd. Xi'an, P.R. China		