

SHAANXI YOUGU BIOTECHNOLOGY CO., LTD

CERTIFICATE OF ANALYSIS

Product Name: Lion`s mane extract	Date Test: April.17,2019	Mfg Date: April.16,2019
Botanical Name: <i>Hericium erinaceus</i>	Plant part: Fruit body	Exp. date: April.15,2021
Batch No.: 19041601	Weight: 600 kg	Origin: China

Items	SPECIFICATIONS	Results	METHOD/STANDARD
DESCRIPTION			
Characters	Powder	Qualified	Organoleptic
Color	Light yellow-brown	Qualified	Organoleptic
Odor	Characteristic	Qualified	Organoleptic
Mesh	80	100% pass 80 mesh	Mesh 80
Solubility	Soluble in water	Qualified	In-House
Loss on drying	≤5.0%	2.55%	GB 5009.3
Ash	≤5.0%	4.17%	GB 5009.4
Tapped bulk density	0.5-0.9 g/ml	0.62 g/ml	--
Loose bulk density	0.3-0.5 g/ml	0.46g/ml	--
Identification:		Positive(+)	By UV/TLC
Assay(On dry basis)	Beta-glucan ≥10.0%	12.5%	Enzyme solution-UV
Heavy Metals	≤10ppm	Qualified	CP2010
Pb	≤1ppm	Qualified	CP2010
As	≤2ppm	Qualified	CP2010
Hg	≤0.1ppm	Qualified	CP2010
Cd	≤1.0ppm	Qualified	CP2010
Microbiological			
Total Plate Count	1000cfu/g Max	<100cfu/g	CP2010
Yeast& Mold	100cfu/g Max	<50cfu/g	CP2010
E.Coli colonies/g	Negative(-)	Negative	CP2010
Samonella colonies/g	Negative(-)	Negative	CP2010
General Status			
GMO Free	None	Qualified	--
Non-Irradiation	None	Qualified	--

Conclusion: Confirm to Specification

Packing: Packed in paper-drums and two plastic-bags inside N.W: 25kgs. I.D. 35 x H51cm

Storage: Cool& dry place. Do not freeze. Keep away from strong light and heat

Shelf life: 2 Years under the conditions above and in its original packaging.

QC MANAGER:  Jianyuan Cai

APPROVER:  Zhenqiong Liao

ANALYST:  Wangqing Sun