

## SHAANXI YOUGU BIOTECHNOLOGY CO., LTD

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b> Chaga mushroom extract	<b>Date Test:</b> July.17,2019	<b>Mfg Date:</b> July.16,2019	
<b>Botanical Name:</b> <i>Inonotus obliquus</i>	<b>Plant part:</b> Fruit body	<b>Exp. date:</b> July.15,2021	
<b>Batch No.:</b> 19071601	<b>Weight:</b> 400 kg	<b>Origin:</b> China	
ITEMS	SPECIFICATIONS	RESULTS	METHOD/STANDARD
<b>DESCRIPTION</b>			
Characters	Powder	Qualified	Organoleptic
Color	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%	4.1%	5g/100℃/2.5hrs
Ash	≤5.0%	2.9%	2g/525℃/3hrs
Identification:		Positive(+)	By UV/TLC
Assay	Polysaccharides ≥10.0%	11.2%	CP2010-UV
	Triterpenoids ≥1.0%	1.3%	CP2010-UV
	Polyphenols ≥3.0%	3.1%	CP2010-UV
<b>Heavy Metals</b>	≤10ppm	Qualified	CP2010
Pb	≤1ppm	Qualified	CP2010
As	≤2ppm	Qualified	CP2010
Hg	≤0.1ppm	Qualified	CP2010
Cd	≤1.0ppm	Qualified	CP2010
<b>Microbiological</b>			
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
<b>General Status</b>			
GMO Free	None	Qualified	--
Non-Irradiation	None	Qualified	--
<b>Conclusion:</b> Confirm to Specification			
<b>Packing:</b> Packed in paper-drums and two plastic-bags inside N.W: 25kgs. I.D. 35 x H51cm			
<b>Storage:</b> Cool& dry place. Do not freeze. Keep away from strong light and heat			
<b>Shelf life:</b> 2 Years under the conditions above and in its original packaging.			

 QC MANAGER:  Jianyuan Cai

 APPROVER:  Zhengqiong Liao

 ANALYST:  Wangqing Sun