

**CERTIFICATE OF ANALYSIS****Organic Chaga Extract****Product Name:** Org.Chaga Extract**Latin Name:** *Inonotus obliquus* (Ach.Ex Pers.)**Batch Number:** YZKE08190930**Batch Quantity:** 600KGS**Manufacture Date:** Sep.30.2019**Analysis Date:** Oct.5.2019**General Information****Part Used:** Fruit Body**Country of Origin:** China**Solvents Used:** Hot Water & Alcohol**Extraction method:** Dual Extraction

ITEMS	SPECIFICATION	TEST RESULTS	METHOD
Physical & Chemical Character			
Color	Red-brown	Conform	Q/HZK0012S-2018
Odour	Characteristic	Conform	Q/HZK0012S-2018
Appearance	Fine Powder	Conform	Q/HZK0012S-2018
Analytical Quality			
Beta-Glucan	> 15%	15.3%	megazyme
Polysaccharides	> 30%	31.5%	UV
Triterpene	> 3%	3.1%	UV
Polyphenol	> 3%	3.12%	UV
Sieve Analysis	100 % through 80 mesh	Conform	USP36<786>
Loss on Drying	<7%	3.35%	GB 5009.3
Total Ash	<9%	7.91%	GB 5009.4
Contaminants			
Lead(Pb)	<1.0 mg/kg	0.09 mg/kg	BS EN ISO 17294-2 2016 mod.
Arsenic(As)	<1.0 mg/kg	0.15 mg/kg	BS EN ISO 17294-2 2016 mod.
Cadmium(Cd)	<1.0 mg/kg	0.08 mg/kg	BS EN ISO 17294-2 2016 mod.
Mercury(Hg)	<0.1 mg/kg	<0.005 mg/kg	BS EN 13806:2002
Solvents Residue	Meet Eur.Ph.7.0 <5.4>	Conform	Eur.Ph 7.0<2.4.24>
Pesticides Residue	Meet USP Requirements	Conform	USP36<561>
Microbiological			
Total Plate Count	<5,000 cfu/g	Conform	GB 4789.2
Yeast & Mold	<100cfu/g	Conform	GB 4789.15
E.Coli.	Negative	Conform	GB 4789.3
Salmonella	Negative	Conform	USP36<62>

Packing &Storage: NW 25kgs I.D.40xH50cm

Packed in paper-drums and one plastic-bag, one aluminium foil bag inside.

Store in cool & dry place, keep away from moisture, strong light and heat.

Shelf life: 24 months when properly stored.