

## Certificate of Analysis

**Product Name:** Organic Reishi Spore Powder  
**Batch Number:** YZKP02220714  
**Manufacture Date:** 2022-07-14

**Botanical name:** Ganoderma lucidum  
**Expired Date:** 2025-07-13

### General Information

**Part Used:** Spore Powder

**Country of Origin:** China

ITEMS	SPECIFICATION	RESULTS	METHODOLOGY
<b>Physical Characteristics</b>			
Appearance	Yellow brown-Brown Fine Powder	Complies	Sensory
Odour	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Particle size	100 % through 80 mesh	Complies	Sieve test
Moisture	<7%	4.43%	AOAC 935.29
Total Ash	<9%	0.17%	GB 5009.4
Tapped density	>0.35 g/cc	0.53g/cc	USP 616
<b>Analytical Data</b>			
Identification	Identical to Sample	Identical	HPTLC
<b>Active Compounds</b>			
Polysaccharides	>2.5%	3.18%	CP2015-UV
Triterpene	>2%	2.17%	CP2015-UV
<b>Contaminants</b>			
Lead (Pb)	<2.0 mg/kg	0.054 mg/kg	AOAC 984.27 ICP/MS
Arsenic (As)	<1.0 mg/kg	0.093 mg/kg	AOAC 984.27 ICP/MS
Cadmium (Cd)	<1.0 mg/kg	0.147 mg/kg	AOAC 984.27 ICP/MS
Mercury (Hg)	<0.1 mg/kg	<0.005 mg/kg	AOAC 984.27 ICP/MS
Pesticides	<LOQ(0.01 mg/kg)	Complies	BS EN 12393:2013(GC) BS EN 15662:2018(LC)
<b>Microbiological</b>			
Total Plate Count	<10,000 cfu/g	5900 cfu/g	AOAC 990.12
Yeast & Mold	<100 cfu/g	<100 cfu/g	AOAC 997.02
E.Coli.	Negative	Negative	AOAC 991.14
Salmonella	Negative	Negative	GB 29921
Staphylococcus	Negative	Negative	GB 29921

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