

Certificate of Analysis

Product Name: Organic Reishi Extract
Batch Number: YZKE01220606
Manufacture Date: 2022-06-06

Botanical name: Ganoderma lucidum
Expired Date: 2025-06-05

General Information

Part Used: Fruiting Body
Process: Hot water

Country of Origin: China

ITEMS	SPECIFICATION	RESULTS	METHODOLOGY
Physical Characteristics			
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%	3.79%	AOAC 935.29
Total Ash	<9%	1.96%	GB 5009.4
Tapped density	>0.35 g/cc	0.55g/cc	USP 616
Analytical Data			
Identification	Identical to Sample	Identical	HPTLC
Active Compounds			
Polysaccharides	>30%	38.23%	CP2015-UV
Contaminants			
Lead (Pb)	<2.0 mg/kg	<0.05 mg/kg	AOAC 984.27 ICP/MS
Arsenic (As)	<1.0 mg/kg	0.109 mg/kg	AOAC 984.27 ICP/MS
Cadmium (Cd)	<1.0 mg/kg	0.064 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)
Microbiological			
Total Plate Count	<10,000 cfu/g	<10 cfu/g	AOAC 990.12
Yeast & Mold	<100 cfu/g	<10 cfu/g	AOAC 997.02
E.Coli.	Negative	Negative	AOAC 991.14
Salmonella	Negative	Negative	GB 29921
Staphylococcus	Negative	Negative	GB 29921