

Certificate of Analysis

Product Name: Organic Maitake Extract

Botanical name: Grifola frondosa(Dicks.) Gray

Batch Number: YZKE03220321

Manufacture Date: 2022-03-21

Expired Date: 2025-03-20

General Information

Part Used: Fruiting body

Country of Origin: China

Process: Hot water extraction

ITEMS	SPECIFICATION	RESULTS	METHODOLOGY
Physical & Chemical Character			
Appearance	Light Brown Fine Powder	Complies	Sensory
Odour	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Analytical Quality			
Identification	Identical to Sample	Identical	HPTLC
Polysaccharides	>30%	55.4%	CP2015-UV
Particle size	100 % through 80 mesh	Complies	Sieve test
Moisture	<7%	2.95%	AOAC 935.29
Total Ash	<9%	5.03%	GB 5009.4
Tapped Density	>0.35g/cc	0.51g/cc	USP616
Contaminants			
Lead (Pb)	<2.0 mg/kg	0.13mg/kg	AOAC 984.27 ICP/MS
Arsenic (As)	<1.0 mg/kg	0.09mg/kg	AOAC 984.27 ICP/MS
Cadmium (Cd)	<1.0 mg/kg	0.083mg/kg	AOAC 984.27 ICP/MS
Mercury (Hg)	<0.1 mg/kg	0.006mg/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	40cfu/g	AOAC 990.12
Yeast & Mold	<100 cfu/g	<10cfu/g	AOAC 997.02
E.Coli.	Negative	Negative	AOAC 991.14
Salmonella	Negative	Negative	GB 29921
Staphylococcus	Negative	Negative	GB 29921