

Certificate of Analysis

Product Name: Organic Hericium Origin extract

Part used: Fruiting body

Manufacture Date: 2024-04-22

Expired Date: 2027-04-21

Analysis Items	Specification	Test Results	Methodology
<u>Physical & Chemical Character</u>			
Appearance	Yellowish brown powder	Complies	Sensory
Sieve Analysis	95% through 80 mesh	Complies	Sieve Test
Moisture	<7%	3.84%	GB 5009.3
Total Ash	<9%	4.04%	GB 5009.4
Tapped Density	0.50-0.95 g/ml	0.68g/ml	CP 2020-0993
<u>Active compounds</u>			
Beta glucan	>30%	39.94%	Megazyme K-YBGL Kit
Hericenones	>0.2%	0.37%	HPLC
<u>Heavy metals</u>			
Lead(Pb)	<1.0 mg/kg	<0.05 mg/kg	BS EN ISO 17294-2/ICP-MS
Arsenic(As)	<1.0 mg/kg	0.254mg/kg	BS EN ISO 17294-2/ICP-MS
Cadmium(Cd)	<1.0 mg/kg	0.0271mg/kg	BS EN ISO 17294-2/ICP-MS
Mercury(Hg)	<0.1 mg/kg	<0.003 mg/kg	BS EN ISO 17294-2/ICP-MS
<u>Pesticides</u>			
Pesticides residues	<LOQ	<LOQ	BS EN 15662:2018 (LC)
(China Euro 539 Items)			BS EN 12393:2013 (GC)
<u>Microbiological</u>			
Total Plate Count	<3,000 cfu/g	<10cfu/g	GB 4789.2
Mould	<100 cfu/g	<10cfu/g	GB 4789.15
Yeast	<100 cfu/g	<10cfu/g	GB 4789.15
Coliforms	<10 cfu/g	<10cfu/g	GB 4789.3
*E.coli	Negative	Complies	GB 4789.38/ISO 7251
*Salmonella	Negative/25g	Complies	GB 4789.4/ISO 6579-1
*Staphylococcus	Negative/25g	Complies	GB 4789.10

Remark: The items with "*" refers to the items are taken by Prevention and control measure of "Process control".

Packing: Packed in paper-drums, NW 25 kgs, I.D. 40 × H 50 cm

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

Shelf life: 3 years when properly stored