



Shaanxi Happy Life Nutrition Co., Ltd

Address :1642 RoomYicuiPark Tangyan road High-tech district,xi'an city Shaanxi province

CERTIFICATE OF ANALYSIS

Product Name	Zhuling Extract		
Botanical Name	<i>Polyporus umbellatus</i>		
Part Used	Fruiting body	Country of Origin	China
Batch Number	HB-YE20251015	Report Date	2025-10-21
Manufacture Date	2025-10-15	Expiry Date	2027-10-14

Item of Analysis	Specification	Results	Test Methods
Polysaccharides	$\geq 20\%$	20.58%	UV
Organoleptic			
Appearance	Powder	Conforms	Organoleptic
Color	Brown Yellow Fine Powder	Conforms	Organoleptic
Odor	Characteristic	Conforms	CP2020
Taste	Characteristic	Conforms	CP2020
Physical Characteristics			
Particle Size	100% pass 80 mesh	80MESH	CP2020
Loss on drying	5%NMT (%)	2.01%	USP<731>
Total ash	5%NMT (%)	2.05%	USP<561>
Bulk Density	45-60g/100mL	48g/100mL	CP2010IA
Residue of Solvents	None	Conform	NLS-QCS-1007
Heavy metals Titration			
Total Heavy Metals	10ppm Max	Conform	USP<231>method II
Lead (Pb)	2ppm NMT	Conform	ICP-MS
Arsenic (As)	2ppm NMT	Conform	ICP-MS
Cadmium (Cd)	2ppm NMT	Conform	ICP-MS
Mercury (Hg)	1ppm NMT	Conform	ICP-MS
Microbiological Tests			
Total Plate Count	1000cfu/g Max	Conform	USP<61>
Yeast & Mold	100cfu/g Max	Conform	USP<61>
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

