

CERTIFICATION OF ANALYSIS

Product Name	Turkey tail extract	Country of origin	China
Batch Number	NT2025100701	Batch Quantity	2000 kgs
Analysis Date	2025-10-08	Manufacturing Date	2025-01-07
Certificate Date	2025-10-08	Expiry Date	2027-10-06
Extraction part	Fruiting body	Extraction solvent	Water

ITEM	SPECIFICATION	RESULT	TEST METHOD
Polysaccharide content	10%	13.90%	HPLC
Proportion	10:1	10:1	TLC
Physical Description			
Appearance	Brown yellow powder	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Olfactory
Particle size	98 % through 80 mesh	Conforms	GB/T5 507-85
Loss on drying	≤5 .0%	Conforms	GB/T5009 .3
Ash	≤5 .0%	0.39%	GB/T5009 .4
Chemical Tests			
Total Heavy Metals	≤ 10 ppm	Conforms	AAS
Arsenic (As)	≤2 ppm	0.02	AAS
Lead (Pb)	≤ 3 ppm	0.15	AAS
Cadmium (Cd)	≤ 1 ppm	Conforms	AAS
Mercury (Hg)	≤0.1 ppm	Conforms	AAS
Microbiology Control			
Total Plate Count	≤10 000 cfu/g	Conforms	GB/T4789 .2
Total Yeast & Mold	≤100 cfu/g	Conforms	GB/T4789 . 15
E. coli	Negative	Conforms	GB/T4789 .3
Salmonella	Negative	Conforms	GB/T4789 .4
Conclusion	Conforms to specification		
Shelf Life	24 months under the conditions below , no antioxidant used		
Package	25 kg/drum outside and double food plastic bags inside		
Storage	Store in a cool and dry place away from Moisture, Light, Oxygen		
ID Test	All the indexes conform to quality standards .		
Manufacturer	Shaanxi New Things Biotech Co .Ltd.		



Analyst: Guo Shan

Approved by: Gloria Yang