

Certificate of Analysis

Expiry Date: Jan. 19, 2027
Manufacture Date: Jan. 20, 2025

Product Name	Ganoderma Extract	Batch Number	20250120
Botanical Source	<i>Ganoderma lucidum</i>	Quantity	250 kg
Plant Part Used	Fruit Body(100% Natural)	Country of Origin	China

Analysis Items	Specifications	Results	Test Methods
Identification	<i>Identical to R.S samples</i>	Identical	UV
Polysaccharides	≥40.0%	40.27%	UV

Physical and Chemical			
Loss on Drying	≤ 5.0 %	3.56%	USP<731>
Residue on Ignition	≤ 5.0%	3.73%	USP<281>
Bulk Density	40-65g/100ml	Conforms	USP<616>
Particle Size	95% Through 80 mesh	Conforms	USP<786>
Appearance	Yellow Brown Fine Powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Contaminants			
Arsenic (As)	≤ 1.0 mg/kg	Conforms	ICP-MS
Lead (Pb)	≤ 1.0 mg/kg	Conforms	ICP-MS
Mercury (Hg)	≤ 0.1 mg/kg	Conforms	ICP-MS
Cadmium(Cd)	≤ 1.0 mg/kg	Conforms	ICP-MS
Residual solvents	Meet Eur.Ph. <2.4.24>	Conforms	Eur.Ph. <2.4.24>
Pesticide Residue	Meet Eur.Ph. <2.8.13>	Conforms	Eur.Ph. <2.8.13>
Benzo(a)pyrene	≤ 10 ug/kg	Conforms	Eu. Reg 1881
Sum of B(a)P, B(a)A, B(b)F, & Chrysene	≤ 50 ug/kg	Conforms	Eu. Reg 2015

Microbiological			
Total plate count	≤ 1,000 cfu/g	Conforms	ISO 4833-1
Moulds & Yeasts	≤ 100 cfu/g	Conforms	ISO 21527-2
Escherichia coli	< 10 cfu/g	Conforms	ISO 16649-2
Salmonella	Not Detected/25g	Not Detected	ISO 6579-1
Bacillus cereus	< 10 cfu/g	< 10 cfu/g	ISO 7932:2004
Coagulase-positive staphylococci	< 10 cfu/g	< 10 cfu/g	ISO 6888-1

Package & Storage	25kg/drum, store in sealed containers at cool&dry places. Keep away from strong light, heat and moisture.
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Shelf Life	2 years if sealed and stored under the recommended conditions
*Non-GMO, Free of BSE, Non irradiated, No ETO treated, Negative by PSL screen test.	

Conclusion: This batch of Ganoderma Extract meets the above specification.

Analyzed by: Muhammad Sesay

Checked by: 叶平

Approved by: 祝威

