

Certificate of Analysis

Expiry Date: June. 09, 2027
Manufacture Date: June. 10, 2024

Product Name	Tongkat Ali Extract	Batch Number	NY2024P0610
Botanical Source	<i>Eurycoma Longifolia Jack</i>	Batch Quantity	800kg
Plant Part Used	root(Dry, 100% Natural)	Country of Origin	China
Excipient & Ratio	12:1	Solvents Used	Ethanol

Analysis Items	Specifications	Results	Test Methods
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Physical and Chemical			
Loss on Drying	≤ 5.0%	3.44%	GB 5009.3
Residue on Ignition	≤ 5.0%	1.48%	GB 5009.4
Bulk Density	30-60g/100ml	Conforms	EP 7.0
Assay	≥ 1% eurycomanone	1.09%	HPLC
Appearance	Light Brown Yellow powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Contaminants			
Arsenic (As)	≤ 0.1 mg/kg	Conforms	Eur.Ph.<2.2.58>ICP-MS
Lead (Pb)	≤ 1.0 mg/kg	Conforms	Eur.Ph.<2.2.58>ICP-MS
Mercury (Hg)	≤ 0.1 mg/kg	Conforms	Eur.Ph.<2.2.58>ICP-MS
Cadmium(Cd)	≤ 0.1 mg/kg	Conforms	Eur.Ph.<2.2.58>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	CP2020
Sum of B(a)P, B(a)A, B(b)F, & Chrysene	≤ 50 ug/kg	Conforms	CP2020

Microbiological			
Aerobic plate count	≤ 1000 cfu/g	<10 cfu/g	GB 4789.2
Mold & Yeast	≤ 100 cfu/g	<10 cfu/g	GB 4789.15
E. Coli	<10 cfu/g	<10 cfu/g	GB 4789.3
Salmonella	Not Detected/25g	Not Detected	GB 4789.4
Bacillus Cereus	<10 cfu/g	<10 cfu/g	ISO7932:2004
Coagulase-positive staphylococci	<10 cfu/g	<10 cfu/g	ISO6888-1:2021

Package & Storage	25kg/drum, store in sealed containers at cool&dry places. Keep away from strong light, heat and moisture.
Shelf Life	3 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 Tongkat Ali Extract meets the above specification.

Analyzed by: Mohamed Sesay

Checked by: 叶平

Approved by: 祝威

