



## CERTIFICATE OF ANALYSIS

Physta® *Eurycoma longifolia* Standardized Extract

Batch No	: TA 2506105	Manufacturing Date	: 30 <sup>th</sup> June 2025
Botanical Name	: <i>Eurycoma longifolia</i>	Expiry Date	: 29 <sup>th</sup> June 2028
Common Name	: Tongkat Ali, Pasak Bumi, Long Jack	Part Used	: Root
Country of Origin	: Malaysia	Extraction method	: Water

Test Parameter	Specification	Result
<b>Organoleptic</b>		
Colour	Light Brown	Complies
Odour	Characteristic	Complies
Flavour	Bitter	Complies
Form / Texture	Fine powder	Complies
Extraneous Material	Free from Foreign matter	Complies
<b>Physical Characteristics</b>		
Moisture Content	< 8.0%	Complies (1.15%)
Average Mesh Size	90% smaller than 120 mesh	Complies
<b>Bioactive Content</b>		
Eurycomanone	0.8% - 1.5%	Complies (0.87%)
Total Protein	≥ 22%	Complies (35.4%)
Total Polysaccharide	≥ 30%	Complies (37.5%)
Glycosaponin	≥ 40%	Complies (51.1%)
<b>Heavy Metal</b>		
Lead (Pb)	< 2.0 ppm	Complies (<1.00* ppm)
Mercury (Hg)	< 0.05 ppm	Complies (<0.05* ppm)
Arsenic (As)	< 1.0 ppm	Complies (<1.00* ppm)
Cadmium (Cd)	< 0.3 ppm	Complies (<0.20* ppm)
<b>Microbial Limit Test</b>		
Total Aerobic Microbial Count	< 10,000 cfu/g	Complies (<10* cfu/g)
Total Yeast & Mould Count	< 100 cfu/g	Complies (<10* cfu/g)
<i>Salmonella</i>	Absent in 25 g	Complies (Absent)
<i>Escherichia coli</i>	Absent in 1 g	Complies (Absent)
<i>Staphylococcus aureus</i>	Absent in 1 g	Complies (Absent)
Bile-tolerant Gram-negative bacteria	< 100 cfu/g	Complies (<10* cfu/g)

\*Not Detected

  
Ranida Karmun

Quality Assurance

Date: 11/07/2025



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