

Certificate of Analysis

IMJ Consultants LLC

5353 Topanga Cyn Blvd
Suite #226
Woodland Hills California 91364 United States

Sample Name:	Akarali Tongkat Ali	Eurofins Sample:	12643870
Project ID	IMJ_CONSUL-20230213-0001	Receipt Date	14-Feb-2023
PO Number	NA	Receipt Condition	Ambient temperature
Lot Number	AD220708(E)	Login Date	13-Feb-2023
Sample Serving Size	1 Cap	Date Started	14-Feb-2023
Description	Akarali Tongkat Ali	Sampled	Sample results apply as received
		Number Composited	20
		Online Order	901-2023-E009077

Analysis	Result
Quantity by Input	
Batch Record Review	Input Data taken from Manufacturer
Physta Tongkat Ali Root Extract (Eurycoma Longifolia Root Extract)	450 mg/Serving Size
Note	Quantity by Input verified and reviewed from product batch records and ingredient COAs supplied by client.

Method References	Testing Location
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Quantity by Input (QTY_INPUT)	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Quantity of ingredients verified through batch record review.	

Testing Location(s)	Released on Behalf of Eurofins by
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Food Integrity Innovation-Madison	Edward Ladwig - President Eurofins Food Chemistry Testing Madison
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Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.

CERTIFICATE OF ANALYSIS

Physta® *Eurycoma longifolia* Standardized Extract

Batch No.	: TA2206051	Manufacturing Date	: 2 nd June 2022
Botanical Name	: <i>Eurycoma longifolia</i>	Expiry Date	: 1 st June 2025
Common Name	: Tongkat Ali, Pasak Bumi, Long Jack	Part Used	: Root
Country of Origin	: Malaysia	Extraction method	: Water

Test Parameter	Specification	Result
Organoleptic		
Color	Light brown	Complies
Odor	Characteristics	Complies
Flavor	Bitter	Complies
Form/Texture	Fine Powder	Complies
Extraneous Material	Free from Foreign matter	Complies
Physical Characteristics		
Moisture Content	<8.0%	Complies (1.55%)
Average Mesh Size	90% smaller than 120 mesh	Complies
Bioactive Content		
Eurycomanone	0.8% - 1.5%	Complies (0.86%)
Total Protein	≥ 22%	Complies (35.3%)
Total Polysaccharide	≥ 30%	Complies (38.7%)
Glycosaponin	≥ 40%	Complies (44.6%)
Heavy Metal		
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)
Microbial Limit Test		
Total Bacteria Count	< 10,000 cfu/g	Complies (<10* cfu/g)
Yeast & Mould	< 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

This is a computer generated COA, no signature required.

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