



## Certificate of Analysis

Product Name: **Longjack Root Extract 100:1**  
 Botanical Name: **Eurycoma longifolia**  
 Plant Part Used: **Root**  
 Extraction Solvent(s): **Water & Ethanol**  
 Carrier: **Maltodextrin 1-5%**  
 Country of Origin: **Indonesia**  
 Batch Number: **CDGAL-C-A121210**  
 Manufacture Date: **December 23, 2021**  
 Retest Date: **March 28, 2026**

### Test Results Obtained by

ITEMS	SPECIFICATIONS	RESULTS
Loss on Drying (USP<731>)	≤10%	4.46%
Identification (TLC)	Positive	Tongkat Ali, Eurycoma Longifolia, Longjack (ID) 3.8.629
Identification	Positive	ID Confirmed - Test sample has characteristics of the standard
Arsenic	≤2 ppm	0.0432 ppm
Cadmium	≤1 ppm	0.00641 ppm
Lead	≤2 ppm	0.0635 ppm
Mercury	≤1 ppm	<0.00500 ppm
Aerobic Plate Count	≤10,000 cfu/g	50 cfu/g
Coliforms	≤100 cfu/g	<20 cfu/g
<i>E. Coli</i>	Absent (cfu/10g)	Absent
<i>Staph aureus</i>	Absent (cfu/10g)	Absent
Yeast	≤1,000 cfu/g	<20 cfu/g
Mold	≤1,000 cfu/g	20 cfu/g
<i>Salmonella</i>	Absent (cfu/10g)	Absent
<i>Pseudo. aeruginosa</i>	Negative	Absent
Conclusion	This product conforms to standards	

The following information is an indirect translation of information provided from the Manufacturer's Certificate of Analysis, and should not be used solely as an instrument for strict quality control.

ITEMS	SPECIFICATIONS	RESULTS
Appearance	Light yellow to yellow brown fine powder	Light yellow fine powder
Extract Ratio	≥100:1	Conforms
Particle Size	≥95% through 80 mesh	Conforms
Bulk Density	Between 30-70 g/100ml	52 g/100ml
Solvent Residue	Meets Requirements	Conforms
Pesticide Residue	Meets Requirements	Conforms
Conclusion (Manufacturer):	This product conforms to enterprise standards	

Note: This is a natural product, variances may be found that are due to the growing and drying conditions, age, season, harvest time, geographic location, production process, etc.

**Additional Information:** Allergen Free || Gluten-Free || BSE/TSE Free || Food Grade || Vegan/Vegetarian  
**Sterilization Method:** Non-Irradiation || Non-EtO || Heat  
**GMO Statement:** Non-GMO  
**Storage Conditions:** Keep in sealed container under 25°C. Keep away from strong light, heat and moisture.

\_\_\_\_\_ verifies that the information contained herein is true and correct to the best of our knowledge.

Verified By: Candace Gibson / Ann Foote

( This document was produced electronically and is valid without signature. )