

Certificate of Analysis

Product Name: Longjack Root Extract 100:1
 Botanical Name: *Eurycoma Longifolia*
 Part Used: Root
 Extraction Solvent (s): Water & Ethanol
 Country of Origin: Indonesia
 Carrier Used: Maltodextrin 5%
 Batch Number: CDGAL20130622
 Manufacture Date: June 22, 2013
 Test Date: Dec. 6, 2013
 Retest Date: June 20, 2016

ITEMS	SPECIFICATIONS	RESULTS
Identification of Longjack (TLC)	Positive	Conforms
Loss on Drying (LOD)	NMT 10.0%	4.45%
Arsenic (As)	NMT 2.0ppm	Not Detected
Cadmium (Cd)	NMT 1.0ppm	0.001ppm
Lead (Pb)	NMT 2.0ppm	0.009ppm
Mercury (Hg)	NMT 1.0ppm	Not Detected
Aerobic Plate Count	NMT 10000cfu/g	60cfu/g
Yeast	NMT 1000cfu/g	Not Detected
Mold	NMT 1000cfu/g	10cfu/g
Coliforms	Report Only	Not Detected
<i>E.coli</i>	Not detected in 10g	Absent
<i>Salmonella</i>	Not detected in 25g	Absent
<i>Staph aureus</i>	Not detected in 10g	Absent
<i>Pseudo aeruginosa</i>	Negative	Absent

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 brownish yellow fine powder	Conforms
Bulk Density	Between (g/100ml) 30-70	48.00
Particle size	NLT 90% through 80 mesh	Conforms
Extract ratio	NLT 100 to 1	Conforms
Residual Solvents	NMT 5000ppm	Conforms
Pesticide Residues	Meet the Requirements	Conforms
Total Ash	NMT 10.0%	1.66%
Heavy Metals	NMT 20.0ppm	Conforms
Conclusion:	This products conforms to enterprise standards	

Sterilization Method: Heat || NON-IRR/ETO

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: Brenda Bristow / Candace Gibson

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