



Address: 707 24th Avenue W
 Bradenton, FL 34205
 Toll Free Tel: (877) 437-2234
 Toll Free Fax: (866) 278-2874
 Web Site: www.hpingredients.com

Certificate of Analysis

LJ100™ EURYCOMA LONGIFOLIA FREEZE DRIED STANDARDIZED EXTRACT

(22% Bioactive Eurypeptides, 40% Glyco Saponins)
 Batch No: LJ070403 Manufacturing Date: Apr. 2007

	<u>Specification</u>	<u>Result</u>
Botanical Name:	Eurycoma Longifolia	
Common Name:	Tongkat Ali, Pasak Bumi, LongJack	
Country of Origin:	Malaysia	
Part Used:	Root (Wild Crafted)	
Shelf Life:	2 years if stored in a cool, dry place	
<i>ORGANOLEPTIC</i>		
Color	Yellow brown	Yellow brown
Odor	Characteristic	Characteristic
Flavor	Bitter	Bitter
Form/Texture	Fine Powder	Fine Powder
Extraneous Material	None	None
<i>CHEMICAL CHARACTERISTICS</i>		
Average Mesh Size	>120 mesh	Pass > 120 mesh
Moisture Content	<4%	Pass <4%
TLC, HPLC, GC, or IR Verified		
Active Ingredient Strength		
>40% Glyco Saponins,		49.09% Glyco Saponins
>22% EuryPeptides		42.56% EuryPeptides
>20% Polysacharides		28% Polysacharides
Excipients Present	None	None
Heavy Metals Lead (PPM):	< 1ppm	0.10ppm
Mercury (PPM)	<1 ppm	0.01ppm
Arsenic (PPM)	<1 ppm	0.05ppm
<i>MICROBIAL EVALUATION</i>		
Aerobic Plate Count (CFU/G)	<3,000 CFU/gram	<10 CFU/g
Yeast and Mold Count (CFU/G)	<100 CFU/gram	<100 CFU/g
E. Coli	Negative	Negative
Coliform	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus Aureus	Negative	Negative
Streptococci	Negative	Negative
<i>PRODUCT TREATMENT</i>		
Sterilization Agent/Fumigant/Other	N/A	N/A
Method	Patented High Pressure Water Extraction, Filtered at 1-4 micron, Freeze Dried without Maltodextrin or Lactose	

The above certificate of analysis contains information based on Suppliers COA. This information and analysis is presented in good faith, but it is not warranted as to the accuracy of result. The verification and use of the information shall be the sole responsibility or risk of the party using the information. Moreover, all information given does in no way account for changes occurring between the purchase, due to natural product variations and use of raw materials, nor does it warrant any nutritional claims. Herbal Powers disclaims any liability incurred in connection with the use of this information. All precautionary labels and notices should be read and understood by all supervisory personnel before using. The data contained herein should not be interpreted as permission to use any existing patents or copyrights.