



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

Certificate of Analysis

WJ100® EURYCOMA LONGIFOLIA FREEZE DRIED STANDARDIZED EXTRACT

(Patent Pending 22% Bioactive Eurypeptides, 40% Glyco Saponins)

Batch No: LJ 090102

Manufacturing Date: Jan. 2009

	<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	Lt. Brown	Lt. 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	4-7%	6.94%
TLC, HPLC, GC, or IR Verified		
Active Ingredient Strength	>40% Glyco Saponins, >22% EuryPeptides	44.05% Glyco Saponins 28.40% EuryPeptides
Excipients Present	None	None
Heavy Metals Lead (PPM):	< 0.40ppm	ND<0.40 ppm
Mercury (PPM)	<1ppm	ND<0.01ppm
Arsenic (PPM)	<1 ppm	ND<0.01ppm
Cadmium	<.01ppm	0.045ppm
<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	<10 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	

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