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Certificate of Analysis
LJ100

2004654
 612015

LJ100® *Eurycoma longifolia* Root Extract (22% Bioactive Eurypeptides, 40% Glyco Saponins)
 Protected by US Patent: 7,132,117 and Worldwide Patent: WO 02/17946 A1

Batch No: LJ 2108060 Manufacturing Date: August 11, 2021 Expiration Date: August 10, 2024

Botanical Name	<i>Eurycoma longifolia</i> Common Name: Tongkat Ali, Pasak Bumi, Long Jack		
Country of Origin	Malaysia	Part Used	Root (Wild Crafted)
Shelf Life	3 years in a cool, dry place		
Organoleptic	Specification	Result	Test Method
Color	Lt. Brown to dark brown	Lt. Brown	Visual
Odor	Woody	Woody	Organoleptic
Flavor	Bitter	Bitter	Organoleptic
Form/Texture	Fine Powder	Fine Powder	Organoleptic
Chemical Characteristics			
Average Mesh Size	100% thru 80 Mesh	<120 mesh	In House
Moisture Content	<7%	2.15 %	In House Moisture Analyzer
Active Strength	>40% Glyco Saponins >22% Eurypeptides 0.8% - 2% Eurycomanone	49.1 % 38.6 % 0.97 %	Gravimetric Lowry's Method HPLC
Excipients Present	None	None	
Heavy Metals			
Lead	<1 ppm	<1* ppm	ALS Method No OF17-41
Mercury	<1 ppm	<0.05* ppm	ALS Method No OF17-41
Arsenic	<1 ppm	<1* ppm	ALS Method No OF17-41
Cadmium	<1 ppm	<0.2* ppm	ALS Method No OF17-41
Microbial Evaluation			
Aerobic Plate Count	<10,000 cfu/g	2500 cfu/g	BP2015
Yeast and Mold Count	<1,000 cfu/g	<10* cfu/g	BP2015
E. Coli	Absent in 1 g	Absent in 1 g	BP2015
Salmonella	Absent in 25 g	Absent in 25 g	BP2015
Staphylococcus Aureus	Absent in 1 g	Absent in 1 g	BP2015
Product Treatment			
Sterilization Agent/Fumigant/	N/A	N/A	N/A
Extraction Method:	Patented High Pressure Water Extraction Filtered at 1-4 Micron		

* Not Detected

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QC: Megan Kelly Date: 10/12/2021



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