




CERTIFICATE OF ANALYSIS

ATTENTION TO : MS. ELENA
SAMPLE DESCRIPTION : Standardized Eurycoma Longifolia Root Extract, LJ100® / Physta®
SAMPLE MARKING : BN: TA 2601008
RECEIVED DATE : 22 April 2026
REPORTED DATE : 28 April 2026

On analysis of the sample(s) submitted, the result(s) obtained as follows:


LOI MUN YEE
SENIOR CHEMIST(M.M.I.C)
TKM No. M/3310/5471/08/11

NO	PARAMETER	METHOD REF. NO.	UNIT	RESULT
1	TOTAL ENERGY/ CALORIES	In-House No. F40	kcal/100g	371
2	ENERGY/ CALORIE FROM FAT/ TENAGA/ KALORI DARI LEMAK	In-house No. F42	kcal/100g	0
3	TOTAL FAT/ JUMLAH LEMAK	In-house No. F13	g/100g	<0.10
4	SATURATED FAT/ LEMAK TEPU	In-house No. G3 (GCFID)	g/100g	<0.05
5	MONOUNSATURATED FAT/ASID LEMAK MONO- TAKTEPU	In-house No. G3 (GCFID)	g/100g	<0.05
6	POLYUNSATURATED FAT/ ACID LEMAK POLI- TAKTEPU	In-house No. G3 (GCFID)	g/100g	<0.05
7	TRANS FATTY ACID/ ASID LEMAK TRANS	In-house No. G3 (GCFID)	g/100g	<0.05
8	CHOLESTEROL/ KOLESTEROL	In house No GH12 (GCFID)	mg/100g	<0.30
9	SODIUM/ NATRIUM as Na	In-house No. F88 (Based on AOAC 975.03/ US EPA 6010D/ ICPOES)	mg/100g	160
10	TOTAL CARBOHYDRATE/ JUMLAH KARBOHIDRAT	In-house No. F43	g/100g	83.1
11	TOTAL DIETARY FIBRE/ JUMLAH FIBER DIET	AOAC 985.29 (Enzymatic- Gravimetric Method)	g/100g	2.87
12	TOTAL SUGARS/ JUMLAH GULA	In-House No. F9	g/100g	20.6
13	PROTEIN/ PROTEIN	In-house No. F7	g/100g	9.65
14	VITAMIN D3 as CHOLECALCIFEROL	Inhouse FL 02(By LCMS/MS)	µg/100g	<2



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15	POTASSIUM/ KALIUM as K	In-house No. F88 (Based on AOAC 975.03/ US EPA 6010D/ ICPOES)	mg/100g	1739
16	CALCIUM/ KALSIMUM as Ca	In-house No. F88 (Based on AOAC 973.03/US EPA 6010D/ICPOES)	mg/100g	257
17	IRON/ZAT BESI as Fe	In-house No. F88 (Based on AOAC 975.03/ US EPA 6010D/ ICPOES)	mg/100g	4.04

NOTE:

1. < - Less Than The Minimum Detection Limit Reported
2. Testing Period: 22-Apr-2026 to 28-Apr-2026
3. In-house F13: Based on AOAC 963.15 and Pearson's Chemical Analysis of Foods, 7th Edition, Pg. 14-15.
4. In-house No. G3: Based on AOCS Ce 1-62.
5. In-house No. GH12: Based on JAOAC International Volume 64, No. 1, 1981 & Volume 73, No. 5, 1990.
6. In-house No. F43: Based on Method of Analysis for Nutrition Labelling AOAC 1993.
7. In-house No. F9: Based on Pearson's Chemical Analysis of Foods, 7th Edition, Pg. 121-127.
8. In-house No. F7: Based on AOAC 1995 (991.20).
9. In-house No. F2: Based on Pearson's Chemical Analysis of Foods, 7th Ed., Pg. 14-15.
10. The item no. 4,5,6 and 7 is a breakdown of item no. 3

METHOD REFERENCE(S):

1. Official Methods of Analysis of AOAC, 16th Edition (1995); (2) The Chemical Analysis Of Foods, 7th Edition, David Pearson (1976)
3. U.S Environmental Protection Agency Method (EPA) Revision 2, 1995.; (4) Official Methods of American Oil Of Chemists Society, 1989 (AOCS)
5. Journal Association Of Analytical Chemistry 1981(JAOAC); (6) Method of Analysis For Nutrition Labeling, AOAC 1993
7. Liquid Chromatography Mass Spectrometer/Mass Spectrometer

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SAMPLE Description : Standardized Eurycoma Longifolia Root Extract, LJ100® / Physta®

Format according to Ministry of Health Malaysia

Maklumat Pemakanan/Nutrition Information

Saiz Hidangan/Serving Size: 100g

Jumlah / Amount

**Per 100g
Setiap 100g**

ENERGY/ TENAGA

365kcal(1533kJ)

TOTAL FAT/ JUMLAH LEMAK

0g

SATURATED FAT/ LEMAK TEPU

0g

MONOUNSATURATED FAT/ASID LEMAK MONO-TAKTEPU

0g

POLYUNSATURATED FAT/ ACID LEMAK POLI-TAKTEPU

0g

TRANS FATTY ACID/ ASID LEMAK TRANS

0g

CHOLESTEROL/ KOLESTEROL

0mg

SODIUM/ NATRIUM as Na

160mg

CARBOHYDRATE/ KARBOHIDRAT

80.2g

TOTAL SUGARS/ JUMLAH GULA

20.6g

TOTAL DIETARY FIBRE/ JUMLAH FIBER DIET

2.9g

PROTEIN/ PROTEIN

9.6g

CALCIUM/ KALSIMUM as Ca

257mg

IRON/ZAT BESI as Fe

4.0mg

POTASSIUM/ KALIUM as K

1739mg

VITAMIN D3 as CHOLECALCIFEROL

0 µg

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1. Official Methods of Analysis of AOAC, 16th Edition (1995); (2) The Chemical Analysis Of Foods, 7th Edition, David Pearson (1976)
3. U.S Environmental Protection Agency Method (EPA) Revision 2, 1995.; (4) Official Methods of American Oil Of Chemists Society, 1989 (AOCS)
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SAMPLE DESCRIPTION : Standardized Eurycoma Longifolia Root Extract, LJ100® / Physta®

Format according to U.S Food and Drug Administration

Nutrition Facts		
Serving Size: 100g		
Amount Per Serving		
Calories		370
		% Daily values *
Total Fat	0g	0%
Saturated Fat	0g	0%
Trans Fatty Acid	0g	
Cholesterol	0mg	0%
Sodium	160mg	7%
Total Carbohydrate	83g	30%
Total Dietary Fibre	3g	11%
Total Sugars	21g	
Includes Added Sugars	0g	0%
Protein	10g	
Vitamin D	0mcg	0%
Calcium	257mg	20%
Iron	4.0mg	20%
Potassium	1739mg	35%

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

Note:

The added sugars' information is provided by **BIOTROPICS MALAYSIA BERHAD**

METHOD REFERENCES:

- (1) The Chemical Analysis Of Foods, 7th Edition, David Pearson (1976)
- (2) U.S Environmental Protection Agency Methods (EPA).Revision 2, 1995.
- (3) Official Methods of Analysis of AOAC, 16th Edition (1995)
- (4) Method of Analysis For Nutrition Labeling, AOAC 1993
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