

## Certificate of Analysis

Lab Ref No.: **UL2108-A00777**

SN: **RS7054675080811174**

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Noor Azinah Maamin  
Chemist & Food Analyst

IKM No. : M/1973/4360/03 Food Analyst No: MJMM 0622

AN1: RA1889010117721148

**MJB HONEY LECAGY**

NO 5 JALAN BM 3/16  
SEKSYEN 3  
BANDAR BUKIT MAHKOTA  
BANGI  
43000 KAJANG SELANGOR  
MALAYSIA

Date of Issue: 2021-09-03

Date of Received: 2021-08-09

Date of Completion: 2021-09-03

Sample Marking: **MADU TUALANG**  
Sample Description: **ONE (1) SAMPLE SUBMITTED IN GLASS BOTTLE**

Test Performance Date: 11/08/2021 - 02/09/2021

*Remarks:*

1. *N.D:Not Detected (Below Detection Limit)*
2. *(\*) : Test is not SAMM Accredited*
3. *Opened / balance samples will be discarded two weeks after issuance of Certificate of Analysis.*

Test Description	Unit	Result(s)	Test Method/Equipment/Technique
Ash for Honey	g/100g	0.3	In-house Method No: STP/Honey/02-based on Harmonised Methods of International Honey Commission 1.3
Moisture for Honey	g/100g	21.7	In-house Method No: STP/Honey/01-based on ATAGO Hand Refractometer Honey Manual
Free Acidity	mEq/kg	73.7	In-house Method No: STP/Honey/03-based on AOAC Official Method 20th Edition 962.19
Hydroxymethyl furfural (HMF)*	mg/kg	145.8	Harmonised Methods of The International Honey Commission 1.5.1 / HPLC
Sucrose*	g/100g	4.0	In-house Method based on Harmonised Methods of The International Honey Commission, 1.7.2 / HPLC



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Test Description	Unit	Result(s)	Test Method/Equipment/Technique
Maltose*	g/100g	ND(<0.01)	In-house Method based on Harmonised Methods of The International Honey Commission, 1.7.2 / HPLC
Glucose*	g/100g	30.2	In-house Method based on Harmonised Methods of The International Honey Commission, 1.7.2 / HPLC
Fructose*	g/100g	37.0	In-house Method based on Harmonised Methods of The International Honey Commission, 1.7.2 / HPLC

**– END OF REPORT –**

This report refers to the tested sample only. Sampling is not carried out by our organization. All analysis are carried out to the best of our knowledge and ability and our responsibility is limited to the correctness of the results. This report is issued on the understanding that it does not relieve parties concerned from their contractual obligations. This report shall not be reproduced except in full without written approval of the laboratory

