



CERTIFICATE OF ANALYSIS

Work Order	: MF1719326	Page	: 1 of 3
Amendment	:	Date Samples Received	: 27-Dec-2017 14:00
Client	: BINABADAN ENTERPRISE SDN BHD	Date Analysis Commenced	: 28-Dec-2017
Contact	: MR DAVE	Issue Date	: 18-Jan-2018 10:43
Address	: PG-15A JAYA 33 GROUND FLOOR SUITE 130 NO. 3 , JALAN SEMANGAT SECTION 13 PETALING JAYA SELANGOR 46100	No. of samples received	: 1
E-mail	: service@binabadan.com	No. of samples analysed	: 1
Telephone	: ----		
Facsimile	: ----		
Project	: ----		

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

Signatories



This laboratory is accredited under STANDARDS MALAYSIA. The tests reported herein have been performed in accordance with laboratory's Terms of Accreditation. This document has been electronically signed by authorized signatories indicated below. Electronic signing has been carried out in compliance with procedure specified in 21 CFR Part 11.

Signatories	Position
Prassanna Devi	Lab Supervisor - Food (MJMM No: 0202)



General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

The analytical procedures used by the Food & Pharmaceutical Division have been developed from established internationally recognized procedures such as those published by the FDA BAM, AOAC, ISO, GB, USP, BP and BS EN. In house developed procedures are employed in the absence of documented standards or by client request.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to insufficient sample (reduced weight employed) or matrix interference.

Key: LOR = Limit of reporting CFU = Colony Forming Unit MPN = Most Probable Number PN = Probable Number
ø = ALS is not accredited for these tests

Work Order Specific Comments

- ALS TECHNICHEM prepares this Test Report based on the tests requested and on the specific sample(s) submitted for analysis. The significance of this Report is subject to the adequacy and representative character of the sample(s) and to the comprehensiveness of the tests requested or made. ALS TECHNICHEM assumes no responsibility for variations in quality or other characteristic of the product produced or supplied under conditions over which ALS TECHNICHEM has no control.
ALS TECHNICHEM acts for the customer from whom the instructions to act have originated. No other party is entitled to give instructions, particularly on the scope of analysis or delivery of report or certificate, unless so authorized by the customer.
- ALS TECHNICHEM undertakes to exercise due care and skill in the performance of its analytical and consultancy services but no warranties are given and none may be implied directly or indirectly relating to ALS TECHNICHEM's test results, services or facilities. In no event shall ALS TECHNICHEM be liable to collateral, special or consequential damage.
- Results apply to the sample(s) as submitted by the Client in sub-sample container/bag.
- Result < LOR = Not Detected (ND)
- This analysis is performed in ALS Shah Alam, Malaysia.**

ALS Technichem (M) Sdn Bhd
Wisma ALS, No. 21, Jalan Astaka U8/84, Bukit Jelutong, 40150 Shah Alam, Selangor, Malaysia
T +603 7845 8257
F +603 7845 8258
Email: food.my@alsglobal.com

- Test amino acid is not accredited



Analytical Results

FOOD

001 MASS DEPOT - AMINO PROFILE

BATCH: 208905

Test description	Method	LOR	Unit	Result
Amino Acid				
∅ Aspartic Acid	AOAC 994.12	5	mg/100g	5930
∅ Alanine	AOAC 994.12	5	mg/100g	2760
∅ Arginine	AOAC 994.12	5	mg/100g	1550
∅ Cystine	AOAC 994.12	5	mg/100g	850
∅ Glutamic acid	AOAC 994.12	5	mg/100g	9680
∅ Glycine	AOAC 994.12	5	mg/100g	999
∅ Histidine	AOAC 994.12	5	mg/100g	1180
∅ Hydroxyproline	AOAC 994.12	5	mg/100g	<5
∅ Isoleucine	AOAC 994.12	5	mg/100g	2270
∅ Leucine	AOAC 994.12	5	mg/100g	6820
∅ Methionine	AOAC 994.12	5	mg/100g	1170
∅ Phenylalanine	AOAC 994.12	5	mg/100g	1800
∅ Proline	AOAC 994.12	5	mg/100g	3110
∅ Serine	AOAC 994.12	5	mg/100g	2660
∅ Threonine	AOAC 994.12	5	mg/100g	2950
∅ Tryptophan	AOAC 994.12	5	mg/100g	387
∅ Tyrosine	AOAC 994.12	5	mg/100g	1200
∅ Valine	AOAC 994.12	5	mg/100g	2490
∅ Hydroxylysine	AOAC 994.12	5	mg/100g	<5
∅ Lysine	AOAC 994.12	5	mg/100g	3490