



CERTIFICATE OF ANALYSIS

Table with 2 columns: Field Name and Value. Fields include Work Order (MF1803764), Amendment, Client (BINABADAN ENTERPRISE SDN BHD), Contact (MR DAVE), Address, E-mail, Telephone, Facsimile, Project, Page (1 of 5), Date Samples Received (09-Mar-2018 11:40), Date Analysis Commenced (09-Mar-2018), Issue Date (24-Mar-2018 16:21), No. of samples received (3), and No. of samples analysed (3).

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.

Table with 2 columns: Signatories and Position. Rows include ChngAi Ying (Lab Manager - Food) and Prassanna Devi (Lab Supervisor - Food).



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
∅ = 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.**

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- QWI 17-06 is in-house analysis method based on Method of Analysis for Nutrition Labeling, 1993 Chapter 28 & Pearson's, 1991 Pg. 17, 20
- Test amino acid is not accredited



Analytical Results

FOOD

001 MASS DEPOT 15LBS, DUTCH CHOCOLATE

BATCH: 211186

Test description	Method	LOR	Unit	Result
Amino Acid				
∅ Aspartic Acid	AOAC 994.12	5	mg/100g	2650
∅ Alanine	AOAC 994.12	5	mg/100g	1370
∅ Arginine	AOAC 994.12	5	mg/100g	449
∅ Cystine	AOAC 994.12	5	mg/100g	552
∅ Glutamic acid	AOAC 994.12	5	mg/100g	3300
∅ Glycine	AOAC 994.12	5	mg/100g	456
∅ Histidine	AOAC 994.12	5	mg/100g	1230
∅ Hydroxyproline	AOAC 994.12	5	mg/100g	25.5
∅ Isoleucine	AOAC 994.12	5	mg/100g	1350
∅ Leucine	AOAC 994.12	5	mg/100g	2650
∅ Methionine	AOAC 994.12	5	mg/100g	336
∅ Phenylalanine	AOAC 994.12	5	mg/100g	671
∅ Proline	AOAC 994.12	5	mg/100g	1710
∅ Serine	AOAC 994.12	5	mg/100g	1340
∅ Threonine	AOAC 994.12	5	mg/100g	1750
∅ Tryptophan	AOAC 994.12	5	mg/100g	376
∅ Tyrosine	AOAC 994.12	5	mg/100g	307
∅ Valine	AOAC 994.12	5	mg/100g	1410
∅ Hydroxylysine	AOAC 994.12	5	mg/100g	<5
∅ Lysine	AOAC 994.12	5	mg/100g	1800
Nutritional Panel				
Protein	QWI 17-06	0.1	g/100 g	25.0

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Client : BINABADAN ENTERPRISE SDN BHD



FOOD

002 WHEY DEPOT 10LBS, VANILLA

BATCH: 211513

<i>Test description</i>	<i>Method</i>	<i>LOR</i>	<i>Unit</i>	<i>Result</i>
Nutritional Panel				
Protein	QWI 17-06	0.1	g/100 g	79.4



FOOD

003 WHEY DEPOT 10LBS, DUTCH CHOCOLATE

BATCH: 211510

<i>Test description</i>	<i>Method</i>	<i>LOR</i>	<i>Unit</i>	<i>Result</i>
Amino Acid				
∅ Aspartic Acid	AOAC 994.12	5	mg/100g	7880
∅ Alanine	AOAC 994.12	5	mg/100g	4220
∅ Arginine	AOAC 994.12	5	mg/100g	1200
∅ Cystine	AOAC 994.12	5	mg/100g	1390
∅ Glutamic acid	AOAC 994.12	5	mg/100g	11500
∅ Glycine	AOAC 994.12	5	mg/100g	1400
∅ Histidine	AOAC 994.12	5	mg/100g	3790
∅ Hydroxyproline	AOAC 994.12	5	mg/100g	<5
∅ Isoleucine	AOAC 994.12	5	mg/100g	3940
∅ Leucine	AOAC 994.12	5	mg/100g	8010
∅ Methionine	AOAC 994.12	5	mg/100g	1310
∅ Phenylalanine	AOAC 994.12	5	mg/100g	1980
∅ Proline	AOAC 994.12	5	mg/100g	4990
∅ Serine	AOAC 994.12	5	mg/100g	4070
∅ Threonine	AOAC 994.12	5	mg/100g	5400
∅ Tryptophan	AOAC 994.12	5	mg/100g	840
∅ Tyrosine	AOAC 994.12	5	mg/100g	1430
∅ Valine	AOAC 994.12	5	mg/100g	4050
∅ Hydroxylysine	AOAC 994.12	5	mg/100g	<5
∅ Lysine	AOAC 994.12	5	mg/100g	5890
Nutritional Panel				
Protein	QWI 17-06	0.1	g/100 g	76.1