

CERTIFICATE OF ANALYSIS

Name of Customer : **NASRAC PHARMA SDN BHD**
 Address : 37, Persiaran Perindustrian Pengkalan 8,
 Kawasan Perindustrian Pengkalan,
 31650 Ipoh, Perak
 Tel. No / Fax No. : 05-3214902 / 011-10085853
 Sample Description : One (1) sample described as **XICA, 100ml**
 Sample Ref. No : U0767/17
 Date of Receipt : 17/03/2017

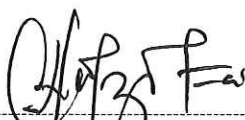
ANALYSIS RESULT

(As per sample)

Parameter, Unit	Result	Method Reference
Calorie (kcal/100g)	317	In house method No. STP/Chem/A01 based on Pearson's The Chemical Analysis of Foods (6th Edition, page 578)
Calorie from fat (kcal/100g)	1	
Total fat (g/100gl)	0.1	In-house Method No: STP/Chem/A02(based on on AOAC 16 th Edi. 991.36
*Saturated Fat (g/100g)	<0.1	IUPAC 2.301 (1987) / GC-FID
*Trans- Fat (g/100g)	<0.1	IUPAC 2.301 (1987) / GC-FID
Cholesterol (g/100g)	N.D (<0.1)	In house method no. STP/Chem/A15 based on The Malaysia Journal of Analytical Science, Vol 10 (2006) / HPLC
Total Carbohydrate (g/100gl)	78.5	In house method No. STP/Chem/A06 based on Promerance Food Analysis: Theory and Practice, 2nd Ed. (pg 637)
*Total Sugar (g/100g)	72.6	AOAC 16 th Edi. 982.14 / HPLC-ELSD
Total Dietary Fiber (g/100g)	0.0	AOAC 16 th Edi. 991.43 - Enzymatic – Gravimetric Method – MES-TRIS Buffer
Protein (g/100g)	0.6	In house method No. STP/Chem/A03 based on AOAC 16 th Edi. 981.10
*Vitamin A (g/100g)	N.D (<0.01)	In house method No. STP/Chem/A12 based on AOAC 16 th Edi. 960.45
Vitamin C (g/100g)	2.1	In house method No. STP/Chem/A10 based on AOAC 16 th Edi. 967.21
Iron (g/100g)	0.1	In house method No. STP/Chem/A13, Microwave Digestion / AAS
Calcium (g/100g)	9.4	
Sodium (g/100g)	13.0	
Moisture (g/100g)	20.6	In house method No. STP/Honey/A01 ATAGO Refractometer
Ash (g/100g)	0.2	In house method No. STP/Honey/A02 based Honey Method for International Commission 1.3

Remarks:

- a. %Total Carbohydrate = 100 – (%Ash + %Moisture + %Protein + %Fat)
- b. % Total Sugar = %Fructose + %Glucose + % Sucrose + % Maltose
- c. < : Below Detection Limit
- d. (*) = Test Not SAMM Accredited
- e. *Opened / balance samples will be discarded two weeks after issuance of Certificate of Analysis.*


 NOOR AZINA H MAMIN
 CHEMIST (M.M.I.C)
 IKM No. M/1973/4360/03



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 result. This report is issued on the understanding that it does relieve parties concerned from their contractual obligations. This report shall not be reproduced except in full without written approval of the laboratory

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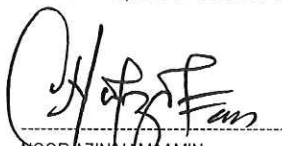
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ANALYSIS RESULT
(As per sample)

Parameter, Unit	Result	Standard (Food Reg 1985, Reg. 130)	Test Method
*Reducing Sugar, g/100g		>60.0	Harmonised Methods of The International Honey Commission, 1.7.2 / HPLC
- Fructose	31.3		
- Glucose	29.9		
*Sucrose, g/100g	11.4	<10.0	
Ash, g/100g	0.2	<1.0	In-house method no. STP/Honey02 based on Harmonised Methods of The International Honey Commission 1.3
Moisture, g/100g	20.6	<20.0	In-house method no. STP/Honey/01 based on ATAGO Hand Refractometer Honey Manual
Free Acidity, meq/1000g	92.4	<40.0	In-house method no. STP/Honey/03 based on AOAC Official Method 16 th Edition, 962.19
*Hidroxymethyl furfural, mg/kg	2.9	≤ 60mg/kg	Harmonised Methods of The International Honey Commission 1.5.1 / HPLC
*Diastase Activity, DN	57.2	≥ 8	Harmonised Methods of The International Honey Commission 1.6.1

Remarks:

- a. N.D :Not Detected
- b. (*) : Parameter not SAMM Accredited.
- c. Opened / balance samples will be discarded two weeks after issuance of Certificate of Analysis.


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