

PERMULAB SDN. BHD. (392059-X) | A-G-16, Merchant Square@Tropicana Jalan Tropicana Selatan 1 | PJU3 47410 Petaling Jaya | Malaysia t. +60 3 7883 0068 | e. info@permulab.com.my w. www.bvaq.com | www.permulab.com.my





CERTIFICATE OF ANALYSIS

REG. NO.: PLF-009109-00003206-21 (21-314812A)

PAGE 01 OF 02 COMPANY NAME: ASIA BIG POWER SDN BHD (1197665-M)

SAMPLE DESCRIPTION : Brand Name: Spoti / Aitoto

Product Name: Vitamin C 1000mg Drink (Carbonated / Sparkling / Flavoured)

Flavour: Orange / Lemon

RECEIVED DATE

: 08 November 2021

REPORTED DATE

: 15 November 2021

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

Mun Yee Lol Senior Chemist IKM No. M/3310/5471/08/11

NO	PARAMETER	METHOD REF. NO.	UNIT	RESULT
1	ENERGY/ TENAGA	In-House No. F41(based on Method of Analysis for Nutrition Labeling, AOAC, 1993)	keal/100ml	23
2	ENERGY/ CALORIE FROM FAT/ TENAGA/ KALORI DARI LEMAK	In-house No. F42(Based on Method of Analysis For Nutrition Labeling AOAC 1993)	kcal/100ml	0
3	FAT/ LEMAK	In-house No. F12(Based on AOAC 989.05)	g/100ml	ND (<0.10)
4	SATURATED FAT/ LEMAK TEPU	In-house No. G3(Based on AOCS Ce	g/100m1	ND (<0.05)
5	TRANS FATTY ACID/ ASID LEMAK TRANS	In-house No. G3(Based on AOCS Ce	g/100ml	ND (<0.05)
6	SODIUM/ NATRIUM as Na	US EPA 6010D (1996) (ICP-OES) and AOAC 975.03	mg/100ml	82.4
7	CARBOHYDRATE/ KARBOHIDRAT	In-house No. F44(Based on Method of Analysis for Nutrition Labeling, AOAC, 1993)	g/100ml	5.75
8	TOTAL DIETARY FIBRE/ JUMLAH FIBER DIET	AOAC 985.29 (Enzymatic- Gravimetric Method)	g/100ml	ND (<0.10)
9	TOTAL SUGARS/ JUMLAH GULA	In-house No. F9(Based on Pearson's Chemical Analysis of Foods, 7th Edition, Pg. 121-127)	g/100ml	4.44



PERMULAB SDN. BHD. (392059-X) | A-G-16, Merchant Square@Tropicana Jalan Tropicana Selatan 1 | PJU3 47410 Petaling Jaya | Malaysia t. +60 3 7883 0068 | e. info@permulab.com.my

w. www.bvaq.com | www.permulab.com.my





CERTIFICATE OF ANALYSIS

REG. NO.: PLF-009109-00003206-21 (21-314812A)

PAGE 02 OF 02

COMPANY NAME: ASIA BIG POWER SDN BHD (1197665-M)

NO	PARAMETER	METHOD REF. NO.	UNIT	RESULT
10	PROTEIN/ PROTEIN	In-house No. F7 (Based on AOAC 991.20/ Kjeldahl Method))	g/100ml	ND (<0.20)
11	CHOLESTEROL/ KOLESTEROL	In house No GH12(Based on JAOAC International Volume 64, No 1, 1981 & Volume 73, No 5. 1990) (GCFID)	mg/100ml	ND (<0.30)
12	VITAMIN C/ VITAMIN C as L-ASCORBIC ACID	In-house No. FH02(Based on Vitamin Analysis for Food & Health Science, Ronald R. Eitenmiller 7, W.O. Landen, Jr. 1999) (HPLC)	mg/100ml	308

NOTE:

1. < - Less Than The Minimum Detection Limit Reported; ND - Not Detected

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. Method of Analysis For Nutrition Labeling, AOAC 1993
- 4. Vitamin Analysis For Food & Health Science. Ronald R. Eitenmiller 7 W.O Landen, Jr.1999

#

MS LOI MUN YEE SENIOR CHEMIST(M.M.I.C) IKM NO. M/3310/5471/08/11



PERMULAB SDN. BHD. (392059-X) | A-G-16, Merchant Square@Tropicana Jalan Tropicana Selatan 1 | PJU3 47410 Petaling Jaya | Malaysia t. +60 3 7883 0068 | e. info@permulab.com.my w. www.bvaq.com | www.permulab.com.my





REG. NO.: PLF-009109-00003206-21 (21-314812A)

PAGE 01 OF 01

COMPANY NAME: ASIA BIG POWER SDN BHD (1197665-M)

SAMPLE Description: Brand Name: Spoti /Aitoto

Product Name: Vitamin C 1000mg Drink (Carbonated / Sparkling / Flavoured)

Flavour: Orange/ Lemon

Format according to Ministry of Health Malaysia

Maklumat Pemakanan/Nutrition Information					
Saiz Hidangan/Serving Size: 100ml					
Jumlah / Amount	Per 100ml Setiap 100ml				
ENERGY/ TENAGA	23kcal(97kJ)				
FAT/ LEMAK	0g				
SATURATED FAT/ LEMAK TEPU	0g				
TRANS FATTY ACID/ ASID LEMAK TRANS	0g				
CHOLESTEROL/ KOLESTEROL	0mg				
SODIUM/ NATRIUM as Na	82.4mg				
CARBOHYDRATE/ KARBOHIDRAT	5.8g				
TOTAL SUGARS/ JUMLAH GULA	4.4g				
TOTAL DIETARY FIBRE/ JUMLAH FIBER DIET	0g				
PROTEIN/ PROTEIN	0g				
VITAMIN C/ VITAMIN C as L-ASCORBIC ACID	308mg				

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. Method of Analysis For Nutrition Labeling, AOAC 1993
- 4. Vitamin Analysis For Food & Health Science. Ronald R. Eitenmiller 7 W.O Landen, Jr.1999

MS LOI MUN YEE SENIOR CHEMIST(M.M.I.C) IKM NO. M/3310/5471/08/11