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Lab Results

WPI

version 01



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## Certificate of Analysis

Final Report

Report Issued: 13-Sep-2021

BVAQ Reference: 21-248911

Sample(s) Received: 07-Sep-2021 09:20

Testing Period: 07-Sep-2021 to 13-Sep-2021

### Results

The tests were performed on the samples as received.

Customer Sample Name: PURO CHOCO ECLAIRS Lab ID: 21-248911-1

Sample Condition: Acceptable

Test	Result	Unit	Method Reference
Ash	2.2	% m/m	AsureQuality Method 4151, Gravimetric
Carbohydrate	1.7	% m/m	AsureQuality Method 5022, By Difference, Calculation
Energy	378	kcal/100 g	AsureQuality Method 5022, Calculation
Moisture	4.7	% m/m	AsureQuality Method 4208, Oven Dried
Protein	90.3	% m/m	AsureQuality Method 6503s, Kjeldahi Block Digestion
Fat SBR	1.1	% m/m	AsureQuality Method 4988, Gravimetric-SBR



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## RESULT OF ANALYSIS

### Laporan Hasil Pengujian : SIG.LHP.X.2021.123195

No.	Parameter	Unit	Result	Limit Of Detection	Method
1	L-Histidin	mg / kg	17857.53	-	18-5-17/MU/SMM-SIG (UPLC)
2	L-Serin	mg / kg	52244.31	-	18-5-17/MU/SMM-SIG (UPLC)
3	L-Asam glutamat	mg / kg	136095.60	-	18-5-17/MU/SMM-SIG (UPLC)
4	L-Fenilalanin	mg / kg	40635.11	-	18-5-17/MU/SMM-SIG (UPLC)
5	L-Isoleusin	mg / kg	56684.83	-	18-5-17/MU/SMM-SIG (UPLC)
6	L-Valin	mg / kg	53158.23	-	18-5-17/MU/SMM-SIG (UPLC)
7	L-Alanin	mg / kg	44439.49	-	18-5-17/MU/SMM-SIG (UPLC)
8	L-Arginin	mg / kg	24302.00	-	18-5-17/MU/SMM-SIG (UPLC)
9	Glisin	mg / kg	16513.74	-	18-5-17/MU/SMM-SIG (UPLC)
10	L-Lisin	mg / kg	68344.25	-	18-5-17/MU/SMM-SIG (UPLC)

No.	Parameter	Unit	Result	Limit Of Detection	Method
11	L-Asam Aspartat	mg / kg	72847.93	-	18-5-17/MU/SMM-SIG (UPLC)
12	L-Leusin	mg / kg	101684.33	-	18-5-17/MU/SMM-SIG (UPLC)
13	L-Tirosin	mg / kg	33816.84	-	18-5-17/MU/SMM-SIG (UPLC)
14	L-Prolin	mg / kg	56093.36	-	18-5-17/MU/SMM-SIG (UPLC)
15	L-Threonin	mg / kg	75984.21	-	18-5-17/MU/SMM-SIG (UPLC)
16	Kolesterol	mg / 100 g	Not detected	0.18	18-6-5/MU/SMM-SIG (GC)
17	Lemak jenuh	%	0.62	-	18-6-1/MU/SMM-SIG (GC)
18	Gula Total	%	Not detected	0.06	18-5-15/MU/SMM-SIG (HPLC)
19	Laktosa	%	Not detected	0.06	18-5-15/MU/SMM-SIG (HPLC)
20	Natrium	mg / 100 g	419.57	-	18-13-1/MU/SMM-SIG (ICP OES)

Bogor, 04 Oktober 2021  
PT. Saraswanti Indo Genetech



**Dwi Yulianto Laksono, S.Si**  
General Laboratory Manager

No	Parameter	Unit	Result	Limit Of Detection	Method
1	Hg	mg / kg	Not detected	0.0004	18-13-14/MU/SMM-SIG (ICP MS)
2	Cd	mg / kg	Not detected	0.00005	18-13-14/MU/SMM-SIG (ICP MS)
3	As	mg / kg	Not detected	0.0005	18-13-14/MU/SMM-SIG (ICP MS)
4	Sn	mg / kg	Not detected	0.0025	18-13-14/MU/SMM-SIG (ICP MS)
5	Pb	mg / kg	Not detected	0.0003	18-13-14/MU/SMM-SIG (ICP MS)
6	Vitamin B6	mg / 100 g	4.69	-	18-5-2/MU/SMM-SIG (UPLC)
7	Sucralose	mg / kg	776.7	-	18 - 5 - 5 /MU/ SMM - SIG (UPLC)

Bogor, October 28, 2021  
 PT. Saraswanti Indo Genetech



**Dwi Yulianto Laksono, S.Si**  
 General Laboratory Manager

No	Parameter	n	c	Result	m	M	Unit	Method
1	ALT	1	2	$1.0 \times 10^1$	$10^{-4}$	$10^{-5}$	colony / g	SNI ISO 4833-1 : 2015
2	ALT	2	2	$3.0 \times 10^1$	$10^{-4}$	$10^{-5}$	colony / g	SNI ISO 4833-1 : 2015
3	ALT	3	2	$1.0 \times 10^1$	$10^{-4}$	$10^{-5}$	colony / g	SNI ISO 4833-1 : 2015
4	ALT	4	2	$2.0 \times 10^1$	$10^{-4}$	$10^{-5}$	colony / g	SNI ISO 4833-1 : 2015
5	ALT	5	2	<10	$10^{-4}$	$10^{-5}$	colony / g	SNI ISO 4833-1 : 2015
6	Enterobacteriaceae	1	1	<10	1	10	colony / g	SNI ISO 21528-2:2017
7	Enterobacteriaceae	2	1	<10	1	10	colony / g	SNI ISO 21528-2:2017
8	Enterobacteriaceae	3	1	<10	1	10	colony / g	SNI ISO 21528-2:2017
9	Enterobacteriaceae	4	1	<10	1	10	colony / g	SNI ISO 21528-2:2017
10	Enterobacteriaceae	5	1	<10	1	10	colony / g	SNI ISO 21528-2:2017
11	Staphylococcus aureus	1	2	<10	10	$10^{-2}$	colony / g	ISO 6888-1:1999/Amd 2: 2018
12	Staphylococcus aureus	2	2	<10	10	$10^{-2}$	colony / g	ISO 6888-1:1999/Amd 2: 2018
13	Staphylococcus aureus	3	2	<10	10	$10^{-2}$	colony / g	ISO 6888-1:1999/Amd 2: 2018
14	Staphylococcus aureus	4	2	<10	10	$10^{-2}$	colony / g	ISO 6888-1:1999/Amd 2: 2018
15	Staphylococcus aureus	5	2	<10	10	$10^{-2}$	colony / g	ISO 6888-1:1999/Amd 2: 2018
16	Salmonella sp.	1	0	Negative	Negative	NA	/ 25 g	ISO 6579-1:2017/Amd 1:2020
17	Salmonella sp.	2	0	Negative	Negative	NA	/ 25 g	ISO 6579-1:2017/Amd 1:2020
18	Salmonella sp.	3	0	Negative	Negative	NA	/ 25 g	ISO 6579-1:2017/Amd 1:2020
19	Salmonella sp.	4	0	Negative	Negative	NA	/ 25 g	ISO 6579-1:2017/Amd 1:2020
20	Salmonella sp.	5	0	Negative	Negative	NA	/ 25 g	ISO 6579-1:2017/Amd 1:2020

c = Jumlah sampel yang diambil dan dianalisis

m, M = Batas mikroba

n = Jumlah yang boleh melampaui batas mikroba untuk menentukan keberterimaan suatu produk pangan

Sesuai Peraturan Kepala Badan Pengawas Obat dan Makanan RI No 13 Tahun 2019.

Bogor, 28 Oktober 2021

PT. Saraswanti Indo Genetech



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