

## TEST REPORT

No.: .T.44

Certificate No  
No. Sertifikat

CERT.2204018772



Sample code  
No. Kode Contoh

SC.220402550

Customer  
Pelanggan

PT. Balancia Eksporindo Makmur  
Jalan Wolter Monginsidi No.50 RT.006, Petogogan, Kebayoran Baru, Kota Adm  
Jakarta Selatan  
- Dki Jakarta 12170  
Indonesia

Subject  
Sample

Cooking Coconut Oil

Sample Description  
Keterangan contoh

Plastic Bottle

Priority  
Prioritas

Normal

Received Date  
Tanggal Terima

April 14, 2022

Finished Date  
Tanggal Selesai

April 28, 2022

Remarks  
Catatan

LOD Pb = 0.001 mg/kg, As = 0.002 mg/kg; Cd = 0.01 mg/kg; Hg = 0.01 mg/kg; Sn = 0.05 mg/kg; Fe = 0.1 mg/100g; Cu = 0.05 mg/kg

Approved by  
Disetujui oleh

Digitally signed by:  
*Ditandatangani secara digital oleh:*

Kartika. S  
Technical Manager  
Date : April 28, 2022

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This test results related to the samples submitted only  
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PARAMETERS	UNITS	RESULTS	METHOD
Odor	-	Normal	SNI 01-2891-1992 Butir 1.2
Taste	--	Normal	SNI 01-2891-1992 Butir 1.2
Color	--	Normal	Visual
Lead (Pb)	mg/kg	Not Detected	MU-03_81(ICPMS)
Arsenic (As)	mg/kg	Not Detected	MU-03_81(ICPMS)
Moisture and volatile matters	%	0.08	AOCS Ca 2b-38 (Gravimetric)
Iodine Value	g I <sub>2</sub> /100g	8.77	AOAC 993 .20 19th : 2012
Free Fatty Acid ( FFA ) ( as lauric acid)	%	0.06	SNI 01-3555-1998 Butir 9
Peroxide Value	Meq/kg	1.08	SNI 01-3555-1998 Butir 6
Acid Value	mg KOH/g	0.16	SNI 01-3555-1998 Butir 9
Saponification Value	mg KOH/g	251.32	MU-02_07 (Titrimetri)
Unsaponifiable Material	%	0.00	AOCS Tk1a-64

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PARAMETERS	UNITS	RESULTS	METHOD
Refractive Index at 40 °C	--	1.4553	Refractometric
Specific gravity	--	0.9247	Gravimetric
Impurity	%	0.02	Gravimetric
pH.	--	5.05	SNI 01-2891-1992 Butir 16
Density	g/ml	0.9360	Gravimetric
Caproic (C6:0)	%	0.00	MU-03_19 (GC-FID)
Caprylic (C8:0)	%	6.99	MU-03_19 (GC-FID)
Capric (C10:0)	%	6.35	MU-03_19 (GC-FID)
Lauric (C 12:0)	%	47.15	MU-03_19 (GC-FID)
Myristic (C 14:0)	%	17.54	MU-03_19 (GC-FID)
Palmitic (C 16:0)	%	9.47	MU-03_19 (GC-FID)
Stearic (C 18:0)	%	2.89	MU-03_19 (GC-FID)

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PARAMETERS	UNITS	RESULTS	METHOD
Arachidic (C 20:0)	%	0.00	MU-03_19 (GC-FID)
Oleic (C 18:1)	%	7.64	MU-03_19 (GC-FID)
Linoleic (C 18:2)	%	1.89	MU-03_19 (GC-FID)
Linolenic (C 18:3)	%	0.00	MU-03_19 (GC-FID)
Fatty acid composition	--	-	MU-03_19 (GC-FID)
Saturated Fat (SAFA)	%	90.38	MU-03_19 (GC-FID)
Unsaturated Fat	%	9.54	AOCS 4 <sup>th</sup> ed. Ce 2-66, 1994
Iron (Fe)	mg/100g	Not Detected	MU-03_21(AAS-Flame) Butir 7
Cuprum (Cu)	mg/kg	Not Detected	MU-03_21(AAS-GF)
Cadmium (Cd)	mg/kg	Not Detected	MU-03_20 (AAS-GF) Butir 7.8.3
Total Plate Count	cfu/g	< 10	ISO 4833.1 : 2013 (Pour Plate)

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