

TEST REPORT

No.: T.44

Certificate No
No. Sertifikat

CERT.2204018739



Sample code
No. Kode Contoh

SC.220402549

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

VCO (Virgin 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; 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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3c253799

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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	%	0.10	AOCS Ca 2b-38 (Gravimetric)
Iodine Value	g I ₂ /100g	7.60	AOAC 993 .20 19th : 2012
Free Fatty Acid (FFA) (as lauric acid)	%	0.14	SNI 01-3555-1998 Butir 9
Peroxide Value	Meq/kg	0.00	SNI 01-3555-1998 Butir 6
Acid Value	mg KOH/g	0.39	SNI 01-3555-1998 Butir 9
Saponification Value	mg KOH/g	254.51	MU-02_07 (Titrimetri)
Unsaponifiable Material	%	0.00	AOCS Tk1a-64

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PARAMETERS	UNITS	RESULTS	METHOD
Refractive Index at 40 °C	--	1.4556	Refractometric
Specific gravity	--	0.9251	Gravimetric
Impurity	%	0.02	Gravimetric
pH.	--	5.01	SNI 01-2891-1992 Butir 16
Density	g/ml	0.9365	Gravimetric
Caproic (C6:0)	%	0.00	MU-03_19 (GC-FID)
Caprylic (C8:0)	%	8.82	MU-03_19 (GC-FID)
Capric (C10:0)	%	7.11	MU-03_19 (GC-FID)
Lauric (C 12:0)	%	48.55	MU-03_19 (GC-FID)
Myristic (C 14:0)	%	16.84	MU-03_19 (GC-FID)
Palmitic (C 16:0)	%	8.26	MU-03_19 (GC-FID)
Stearic (C 18:0)	%	2.44	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)	%	6.33	MU-03_19 (GC-FID)
Linoleic (C 18:2)	%	1.55	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)	%	90.70	MU-03_19 (GC-FID)
Unsaturated Fat	%	9.20	AOCS 4 th 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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