

BOMAR

CERTIFICATE OF ANALYSIS

Product Name: FRACTIONATED COCONUT OIL

Production Date: JANUARY 2023.

Expiry Date: JANUARY 2025.

Bomar Batch: R0668 (Batch Number: AIPN/MCT/23/N01A)

Parameter	Specifications	RESULT
Odor	Odorless	Odorless
Acid Value (mg KOH/g)	0.1 max	0.03
Saponification Value	325-345	337
Iodine Value (g I/100g)	0.5 max	0.02
Hydroxyl Value (mg KOH/g)	10 max	4
Moisture	0.1 max	0.03
Peroxide Value (meq O ₂ /kg)	1 max	<0.01
Unsaponifiable matter	0.5 max	0.22
Ash	0.1 max	0.04
Relative Density at 20°C	0.93-0.96	0.94
Refractive Index at 20°C	1.440-1.452	1.449
Viscosity at 20°C (mPas)	25-33	30
3 MCPD	1 mg/kg max	Complies
Caprylic (C8:0)	55-65	60.70
Capric (C10:0)	35-45	39.10
Others	2 Max	0.20

Microbiological Parameters:

1	Total viable count	<1000 cfu/g	BLQ
2	Yeast & Mould	<100 cfu/g	BLQ
3	Staphylococcus Aureus	Absent in 1 g	Absent
4	Salmonella	Absent in 25 g	Absent
5	E.Coli	Absent in 1 g	Absent

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Heavy Metals Parameters:

Lead (mg/kg)	0.10 max	AOAC 2015.01 by ICP-MS	LOQ
Cadmium(mg/kg)	0.05 max	AOAC 2015.01 by ICP-MS	LOQ
Arsenic(mg/kg)	0.10 max	AOAC 2015.01 by ICP-MS	LOQ
Mercury(mg/kg)	0.05 max	AOAC 2015.01 by ICP-MS	LOQ