

CERTIFICATE OF ANALYSIS

Product Name: **Fractionated Coconut Oil. .**

Production Date: JANUARY 2022.

Expiry Date: JANUARY 2024.

Batch Number: **R0250** (supplier FCO/21/2)

Plant Base: Cold Pressed Coconut Oil.

Parameter	Specifications	RESULT
Odor	Odorless	Odorless
Acid Value (mg KOH/g)	0.1 max	0.03
Saponification Value	325-345	333
Iodine Value (g I/100g)	0.5 max	0.03
Hydroxyl Value (mg KOH/g)	5 max	4
Moisture	0.1 max	0.03
Peroxide Value(meq O ₂ /kg)	1 max	<0.01
Unsaponifiable matter	0.5 max	0.20
Ash	0.1 max	0.04
Relative Density at 20°C	0.93-0.96	0.95
Refractive Index at 20°C	1.440-1.452	1.45
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

BOMAR

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

.....
(Manager)