

SUN Laboratory

A Unit of Sun Bio Naturals India Private Ltd.



CERTIFICATE OF ANALYSIS

Product Name	Organic Virgin Coconut Oil
Batch No	1370325
Lot No	032025514866
Mnf.Month	Mar 2025
Exp.Month	Mar 2027

Physical Parameters	Specification	Analysis Result
Appearance	Clear, transparent	Clear, transparent
Flavor	Characteristics of Coconut	Complies
Aroma	Fresh ,Characteristics of Coconut	Complies

Chemical Parameters	Specification	Results
Acid Value(mg KOH/g)	0.5maximum	0.28
Iodine Value(gl2/100g)	10.5mx	7.9
Saponification Value	250-260	256
Unsaponifiable Matter(%)	0.2-0.5	0.45g/100g
Specific Gravity@20°C	0.930-0.960	0.930
Refractive Index	1.4481-1.4491	1.4485
Peroxide Value, mEq/kg	3 mEq/kg max	ND
Moisture & Impurities	0.10%Max	0.07%

Fatty Acid Composition	Specification	Analysis
C6Capronic	0.1-0.6%	0.5%
C8Caprylic	4.0-10%	8.2%
C10Capric	4.0-8.0%	6.7%
C12Lauric	45.1-56.0%	46.4%
C14Myristic	16.8-21.0%	19.8%
C16Palmiticacid	7.5-10.2%	8.5%
C18Stearicacid	2.0-5.0%	2.9%
C18:1Oliecacid	5.0-10.0%	5.3%
C18:2Linoleic Acid	1.0-2.5%	1.7%

Tested and Approved By : Suresh, Lab Technician

Disclaimer: All parameters are tested under controlled temperature as per standards .testing results might vary due to temperature, packing and in period of time

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