

CERTIFICATE OF ANALYSIS

RBD COCONUT OIL

GENERAL INFORMATION

Material Description : **Refined, Bleached & Deodorized Coconut Oil**

CAS NO. : **8001-31-8** Batch NO. : **ST37230421**

Month of Mfg. : **APRIL 2023**

PARAMETERS

SPECIFICATION

RESULTS

Organoleptic Parameters

Appearance	Clear, yellow liquid	Clear, yellow liquid
Taste	-	-

Stability Parameters

Iodine value	7 – 12	8.09
Peroxide value, meq/kg	1.0 max	0.33
Free fatty acid (C ₁₂) %	0.05 max	0.019

Fatty Acid Profile

C6:0 Caproic Acid	0.20 – 1.0	0.54
C8:0 Caprylic Acid	5 – 10	7.52
C10:0 Capric Acid	5 – 8	5.96
C12:0 Lauric Acid	45 – 55	47.80
C14:0 Myristic Acid	14 – 22	18.82
C16:0 Palmitic acid	7 – 10	9.09
C18:0 Stearic acid	1 – 4	2.64
C18:1 Oleic acid	3 – 9	6.13
C18:2 Linoleic acid	0.05 – 3.00	1.51
C18:3 Linolenic acid	0.00 – 1.00	0.00

Other Parameters

Color Lovibond 5¼" Cell	1.0R / 10.0Y	0.7 R / 2.8Y
Moisture Content & Impurity, %	0.10 max	0.02
Slip Melting Point °C	24 – 26	25