

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: COCONUT OIL, FRACTIONATED (FOOD GRADE)**

**LOT NUMBER: LOT0023285**

**PRODUCT INCI: CAPRYLIC / CAPRIC TRIGLYCERIDE OIL**

**PRODUCT CODE: K0148**

**CAS NUMBER: 73398-61-5 / 65381-09-1**

**EINECS NUMBER: 277-452-2 / 265-724-3**

**MANUFACTURING METHOD: FRACTIONATION**

**MANUFACTURING DATE: 12/07/2024**

**BEST BEFORE DATE: 12/07/2026**

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	CLEAR - COLOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.930 – 0.960	COMPLIES
REFRACTIVE INDEX @ 20°C	1.440 – 1.452	COMPLIES
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<5.0	2.0
ACID VALUE (MG KOH/G)	<0.2	0.02
SAPONIFICATION VALUE (MG KOH/GR)	325.0 – 345.0	337.5
WATER (%)	<0.1	0.02
VISCOSITY @ 20°C	25.0 – 33.0	COMPLIES
HYDROXYL VALUE (MG KOH/G)	<10.0	3.6

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C6:0	CAPROIC	<2.0	0.1
C8:0	CAPRYLIC	50.0 – 80.0	63.6
C10:0	CAPRIC	20.0 – 50.0	36.2
C12:0	LAURIC	<3.0	0.1

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TYPICAL NUTRITIONAL CONTENT		
NAME	UNIT	RESULT
ENERGY (KJ)	KJ	3700
ENERGY (KCAL)	KCAL	900
PROTEIN (Nx6,25)	%	<0.50
CARBOHYDRATE	%	<1.0
FAT	%	100
SATURATED FATTY ACID	%	100
UNSATURATED FATTY ACID	-	NOT APPLICABLE
MOISTURE (KF)	%	<0.1
ASH	%	<0.20
CHOLESTEROL	MG/KG	<10.0
FIBRE	-	NOT APPLICABLE
SODIUM	%	<0.01
SALT	-	NOT APPLICABLE
SUGAR	-	NOT APPLICABLE

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