O&3

THE OIL FAMILY

CERTIFICATE OF ANALYSIS

PRODUCT NAME: COCONUT OIL, FRACTIONATED (FOOD GRADE)

LOT NUMBER: LOT0031977

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: 17/07/2026

BEST BEFORE DATE: 17/07/2028

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	COMPLIES
ODOUR	ODOURLESS	COMPLIES
COLOUR	CLEAR - COLOURLESS	COMPLIES
SPECIFIC GRAVITY @ 20°C	0.930 – 0.960	0.945
REFRACTIVE INDEX @ 20°C	1.440 – 1.452	1.446
PEROXIDE VALUE (MEQ O_2/ KG)	<5.0	0.5
ACID VALUE (MG KOH/G)	<0.2	0.02
SAPONIFICATION VALUE (MG KOH/GR)	325.0 – 345.0	334.0
WATER (%)	<0.1	0.02
VISCOSITY @ 20°C	25.0 – 33.0	30.0
HYDROXYL VALUE (MG KOH/GR)	<10.0	2.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	**ACID NAME**		
C6:0	CAPROIC	<2.0	<2.0
C8:0	CAPRYLIC	50.0 – 80.0	59.4
C10:0	CAPRIC	20.0 – 50.0	40.4
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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