



THE OIL FAMILY

## SPECIFICATION SHEET

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

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

SHELF LIFE: 24 MONTHS

DOCUMENTATION REVIEWED: 2021

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

FATTY ACID PROFILE		RANGE %
<b>C-CHAIN</b>	<b>ACID NAME</b>	
C6:0	CAPROIC	<2.0
C8:0	CAPRYLIC	50.0 – 80.0
C10:0	CAPRIC	20.0 – 50.0
C12:0	LAURIC	<3.0

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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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