

## SPECIFICATION SHEET

**PRODUCT NAME: MACADAMIA NUT OIL, REFINED**

PRODUCT INCI: MACADAMIA INTEGRIFOLIA SEED OIL

PRODUCT CODE: K0270

CAS NUMBER: 438545-25-6; 159518-86-2

EINECS NUMBER: NOT LISTED

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

SHELF LIFE: 18 MONTHS

DOCUMENTATION REVIEWED: 2021

ANALYTICAL DETAILS	RANGE %
APPEARANCE	CLEAR - LIGHT YELLOW OILY LIQUID
COLOUR LOVIBOND (5 1/4" CELL)	<20Y, <2.0R
ODOUR	ODOURLESS
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930
REFRACTIVE INDEX @ 20°C	1.465 – 1.470
SAPONIFICATION VALUE	187 - 200
UNSATURIFIABLE MATTER	<1.5
FREE FATTY ACID (% AS OLEIC)	<1.0
PEROXIDE VALUE	<10.0
IODINE VALUE	70 - 85

FATTY ACID PROFILE		RANGE %
C16:0	PALMITIC	6.0 – 12.0
C16:1	PALMITOLEIC	9.0 – 20.0
C18:0	STEARIC	2.0 - 8.0
C18:1	OLEIC	50.0 – 67.0
C18:2	LINOLEIC	3.0 – 7.0
C18:3	LINOLENIC	< 3.0
C20:0	ARACHIDIC	< 5.0
C20:1	EICOSANOIC	< 3.0
C22:0	BEHENIC	< 2.0
C24:0	LIGNOCERIC	<2.0

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