

BOMAR

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MACADAMIA NUT OIL, COLD PRESSED DEODORISED ORGANIC

LOT NUMBER: Q1118 (LOT0014233)

PRODUCT INCI: MACADAMIA INTEGRIFOLIA SEED OIL

PRODUCT CODE: K0273

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

EINECS NUMBER: NOT LISTED

MANUFACTURING METHOD: COLD PRESSED & DEODORISED

MANUFACTURING DATE: 19/01/2022

BEST BEFORE DATE: 19/01/2024

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	COLORLESS - PALE YELLOW OILY LIQUID	-
ODOUR	ODOURLESS	-
REFRACTIVE INDEX @ 20°C	1.465 – 1.475	1.468
RELATIVE DENSITY @ 20°C	0.910 – 0.920	0.915
SAPONIFICATION VALUE	190 - 205	192.6
PEROXIDE VALUE	<15.0	2.3
IODINE VALUE	70 – 85	78.0
ACID VALUE	<4.0	3.8
FREE FATTY ACID (% AS OLEIC)	<2.0	1.9

FATTY ACID PROFILE		RANGE %	RESULTS
C16:0	PALMITIC	6.0 – 12.0	8.16
C16:1	PALMITOLEIC	16.0 – 27.0	22.82
C18:0	STEARIC	2.0 - 6.0	2.72
C18:1	OLEIC	50.0 – 70.0	51.99
C18:2	LINOLEIC	<4.0	2.24
C18:3	LINOLENIC	< 1.0	0.3
C20:0	ARACHIDIC	< 3.0	2.49
C20:1	EICOSENOIC	< 3.0	2.79

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