

BOMAR

CERTIFICATE OF ANALYSIS

PRODUCT NAME: KUKUI NUT OIL, REFINED

LOT NUMBER: **R0927** (LOT0016544)

PRODUCT INCI: ALEURITES MOLUCCANUS SEED OIL

PRODUCT CODE: K0245

CAS NUMBER: 8015-80-3

EINECS NUMBER: NOT LISTED

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURING DATE: 26/09/22

BEST BEFORE DATE: 26/09/24

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	CLEAR - LIGHT YELLOW OILY LIQUID	-
COLOUR LOVIBOND (5¼" CELL)	<30Y, <3.0R	17.0Y/1.4R
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.920 – 0.930	0.925
REFRACTIVE INDEX @ 20°C	1.465 – 1.480	1.475
SAPONIFICATION VALUE	190 - 210	195.0
UNSAAPONIFIABLE MATTER	<1.5	0.9
FREE FATTY ACID (% AS OLEIC)	<0.5	0.1
PEROXIDE VALUE	<10.0	1.6
IODINE VALUE	160 - 170	161.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	5.0 – 9.0	8.1
C18:0	STEARIC	2.0 - 5.0	4.0
C18:1	OLEIC	20.0 – 30.0	24.8
C18:2	LINOLEIC	32.0 – 42.0	36.8
C18:3	LINOLENIC	20.0 – 30.0	25.5
C20:0	ARACHIDIC	< 0.5	0.2

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