

# BOMAR

## CERTIFICATE OF ANALYSIS

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

**Bomar Batch No: Q0121** (LOT NUMBER: LOT0012764)

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: 16/08/2021

BEST BEFORE DATE: 16/08/2023

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	CLEAR - LIGHT YELLOW OILY LIQUID	-
COLOUR LOVIBOND (5¼" CELL)	<30Y, <3.0R	16Y/1.2R
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.920 – 0.930	0.926
REFRACTIVE INDEX @ 20°C	1.465 – 1.480	1.474
SAPONIFICATION VALUE	190 - 210	196
UNSAAPONIFIABLE MATTER	<1.5	0.8
FREE FATTY ACID (% AS OLEIC)	<0.5	0.1
PEROXIDE VALUE	<10.0	1.1
IODINE VALUE	160 - 170	160.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	5.0 – 9.0	7.5
C18:0	STEARIC	2.0 - 5.0	4.0
C18:1	OLEIC	20.0 – 30.0	27.0
C18:2	LINOLEIC	32.0 – 42.0	35.2
C18:3	LINOLENIC	20.0 – 30.0	25.1
C20:0	ARACHIDIC	< 0.5	0.4

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Bomar regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from Bomar.

[www.bomar.ie](http://www.bomar.ie)