

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: WATERMELON SEED OIL, REFINED**

**BOMAR BATCH: P0592** (LOT0011430)

PRODUCT INCI: CITRULLUS LANATUS SEED OIL

PRODUCT CODE: K0482

CAS NUMBER: 90244-99-8

EINECS NUMBER: 290-802-9

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

MANUFACTURING DATE: 21/04/2021

BEST BEFORE DATE: 21/04/2023

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR (LOVIBOND)	<30Y, 2.5R	CONFORMS
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.915 – 0.930	0.921
REFRACTIVE INDEX @ 20°C	1.465 – 1.480	1.471
SAPONIFICATION VALUE	190.0 – 200.0	194.0
FREE FATTY ACID (% AS OLEIC)	<0.5	0.1
PEROXIDE VALUE	<10.0	1.5
IODINE VALUE	120.0 – 135.0	135.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	8.0 – 15.0	9.1
C16:1	PALMITOLEIC	<0.5	0.1
C18:0	STEARIC	3.0 – 7.0	3.6
C18:1	OLEIC	15.0 – 32.0	24.9
C18:2	LINOLEIC	55.0 – 70.0	61.2
C18:3	LINOLENIC	<0.5	0.2

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