

# BOMAR

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: SAFFLOWER HIGH LINOLEIC OIL, REFINED**

**Bomar Batch Number: P1061** (LOT NUMBER: LOT0011067)

PRODUCT INCI: CARTHAMUS TINCTORIUS SEED OIL

PRODUCT CODE: K0405

CAS NUMBER: 8001-23-8

EINECS NUMBER: 232-276-5

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURING DATE: 29/03/2021

BEST BEFORE DATE: 29/03/2023

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE		OILY LIQUID	-
COLOUR		LIGHT YELLOW	-
ODOUR		ODOURLESS	-
SPECIFIC GRAVITY @ 20°C		0.910 – 0.925	0.9203
REFRACTIVE INDEX @ 20°C		1.470 – 1.480	1.4674
SAPONIFICATION VALUE		185.0 – 195.0	190.7
PEROXIDE VALUE		<10.0	0.2
IODINE VALUE		140 – 155	144.1
ACID VALUE		<1.0	0.04

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	3.0 – 10.0	6.7
C18:0	STEARIC	1.0 – 5.5	2.8
C18:1	OLEIC	9.0 – 20.0	12.4
C18:2	LINOLEIC	75.0 – 85.0	76.8

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