

CERTIFICATE OF ANALYSIS

PRODUCT NAME: SAFFLOWER HIGH LINOLEIC OIL, REFINED

Bomar Batch: Q1031 (LOT NUMBER: LOT0015869)

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: 06/07/22

BEST BEFORE DATE: 06/07/24

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	LIGHT YELLOW	-
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.910 – 0.925	0.920
REFRACTIVE INDEX @ 20°C	1.470 – 1.480	1.476
SAPONIFICATION VALUE	185.0 – 195.0	191.8
PEROXIDE VALUE	<10.0	1.2
IODINE VALUE	140 – 155	142.8
ACID VALUE	<1.0	0.28

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 10.0	7.1
C18:0	STEARIC	1.0 – 5.5	3.2
C18:1	OLEIC	9.0 – 20.0	13.6
C18:2	LINOLEIC	75.0 – 85.0	75.0

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