

CERTIFICATE OF ANALYSIS

PRODUCT NAME: SAFFLOWER HIGH LINOLEIC OIL, COLD PRESSED ORGANIC

Bomar Batch: R0209 (LOT NUMBER: LOT0017140)

PRODUCT INCI: CARTHAMUS TINCTORIUS SEED OIL

PRODUCT CODE: K0404

CAS NUMBER: 8001-23-8

EINECS NUMBER: 232-276-5

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 28/11/22

BEST BEFORE DATE: 28/05/24

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	YELLOW - GOLDEN	-
REFRACTIVE INDEX @ 20°C	1.460 – 1.480	1.476
SPECIFIC GRAVITY @ 20°C	0.917 – 0.924	0.922
ACID VALUE	<5.0	0.36
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	0.18
IODINE VALUE	130.0 – 155.0	142.5
UNSATURATION VALUE	<15.0	7.50

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 12.0	6.08
C18:0	STEARIC	1.0 - 7.0	2.9
C18:1	OLEIC	8.0 – 21.0	8.81
C18:2	LINOLEIC	68.0 – 83.0	81.0

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