

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: SUNFLOWER SEED OIL (HI LINOLEIC), COLD PRESSED ORGANIC**

Bomar Batch: R0118 (LOT NUMBER: LOT0016684)

PRODUCT INCI: HELIANTHUS ANNUUS SEED OIL

PRODUCT CODE: K0449

CAS NUMBER: 8001-21-6

EINECS NUMBER: 232-273-9

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 11/10/22

BEST BEFORE DATE: 11/04/24

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	YELLOW - GOLDEN	-
SPECIFIC GRAVITY @ 20°C	0.918 – 0.930	0.919
REFRACTIVE INDEX @ 20°C (NR)	1.472 – 1.477	1.473
PEROXIDE VALUE	<20.0	1.38
ACID VALUE (OLEIC)	<4.0	2.80
FREE FATTY ACID	<2.0	0.51

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	5.0 – 8.0	6.32
C16:1	PALMITOLEIC	<0.3	0.12
C18:0	STEARIC	<7.0	3.58
C18:1	OLEIC	15.0 – 40.0	33.11
C18:2	LINOLEIC	48.0 – 74.0	55.11
C18:3	LINOLENIC	<1.0	0.28
C20:0	ARACHIDIC	<0.5	0.26
C22:0	BEHENIC	< 1.0	0.63

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