

CERTIFICATE OF ANALYSIS

PRODUCT NAME: SUNFLOWER SEED OIL (HI LINOLEIC), REFINED ORGANIC

Bomar Batch: R1232 (LOT NUMBER: LOT0016454)

PRODUCT INCI: HELIANTHUS ANNUUS SEED OIL

PRODUCT CODE: K0450

CAS NUMBER: 8001-21-6

EINECS NUMBER: 232-273-9

MANUFACTURING METHOD: EXPPELLER PRESSED, REFINED

MANUFACTURING DATE: 14/09/2023

BEST BEFORE DATE: 14/09/2025

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	LIGHT YELLOW – YELLOW	-
COLOUR (LOVIBOND)	<1.5R, <10Y	0.5R, 4.3Y
REFRACTIVE INDEX @ 20°C (NR)	1.460 – 1.476	1.468
PEROXIDE VALUE (MEQ O ₂ / KG)	<10.0	0.34
IODINE VALUE (CALC)	118.0 – 140.0	125.0
FREE FATTY ACIDS (% AS OLEIC)	<0.2	0.10

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	<8.0	6.46
C18:0	STEARIC	<5.0	3.96
C18:1	OLEIC	20.0 – 35.0	35.00
C18:2	LINOLEIC	48.0 – 75.0	52.94
C20:0	ARACHIDIC	< 1.0	0.26
C22:0	BEHENIC	< 1.0	0.62

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