

## CERTIFICATE OF ANALYSIS

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

**LOT NUMBER: Q1117 (LOT0015222)**

**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: 25/04/2022**

**BEST BEFORE DATE: 25/04/2024**

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	LIGHT YELLOW – YELLOW	-
COLOUR (LOVIBOND)	<1.5R, <10Y	0.6R, 6.0Y
REFRACTIVE INDEX @ 20°C (NR)	1.460 – 1.476	1.468
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<10.0	0.0
IODINE VALUE (CALC)	118.0 – 140.0	125.0
FREE FATTY ACIDS (% AS OLEIC)	<0.2	0.06

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	<8.0	5.6
C18:0	STEARIC	<5.0	4.7
C18:1	OLEIC	20.0 – 35.0	34.9
C18:2	LINOLEIC	48.0 – 75.0	48.1
C20:0	ARACHIDIC	< 1.0	0.2
C22:0	BEHENIC	< 1.0	0.9

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