



CERTIFICATE OF ANALYSIS

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

LOT NUMBER: LOT0001811

PRODUCT INCI: HELIANTHUS ANNUS SEED OIL

PRODUCT CODE: K0450

CAS NUMBER: 8001-21-6

EINECS NUMBER: 232-273-9

MANUFACTURING METHOD: EXPPELLER PRESSED, REFINED

MANUFACTURING DATE: 13/11/2018

BEST BEFORE END DATE: 13/11/2019

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	LIGHT YELLOW – YELLOW	-
COLOUR (LOVIBOND)	<1.5R <15.0Y	0.1R, Y1.4
SPECIFIC GRAVITY @ 20°C	0.912 – 0.930	0.921
REFRACTIVE INDEX @ 20°C (NR)	1.460 – 1.476	1.468
PEROXIDE VALUE (MEQ O ₂ / KG)	<10.0	0.8
IODINE VALUE (CALC)	115.0 – 135.0	125.0
ACID VALUE (OLEIC)	<0.2	-

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	<10.0	6.4
C18:0	STEARIC	<5.0	3.2
C18:1	OLEIC	25.0 – 35.0	31.0
C18:2	LINOLEIC	50.0 – 70.0	58.4
C20:0	ARACHIDIC	< 2.0	0.0
C22:0	BEHENIC	< 3.0	-

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