



NHR ORGANIC OILS
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Certificate of Analysis Sheet

Organic Sunflower Oil

(*Helianthus annuus*)

BATCH NUMBER: 310522-2
PRODUCT INCI: HELIANTHUS ANNUUS SEED OIL
CAS NUMBER: 8001-21-6
EINECS NUMBER: 232-273-9
MANUFACTURING METHOD: COLD PRESSED

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	4.0
ACID VALUE (OLEIC)	<4.0	2.80
FREE FATTY ACID	<2.0	1.40

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	5.0 – 8.0	5.19
C16:1	PALMITOLEIC	<0.3	0.12
C18:0	STEARIC	<7.0	3.62
C18:1	OLEIC	15.0 – 40.0	16.14
C18:2	LINOLEIC	48.0 – 74.0	69.52
C18:3	LINOLENIC	<1.0	0.00
C20:0	ARACHIDIC	<0.5	0.34
C22:0	BEHENIC	< 1.0	0.78

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