



# Certificate of Analysis

Description: Sunflower Organic RDW Oil

Lot No: 91951

Inci Name: Helianthus Annuus (Sunflower) Seed Oil

Cas No: 8001-21-6

Einecs No: 232-273-9

ANALYTICAL DETAILS	RANGE	RESULT
APPEARANCE	Clear pale yellow oil	Complies
TASTE	Without odour	Complies
ODOUR	Neutral	Complies
COLOUR (LOVIBOND 5.25" CELL)	2.0 R	8.0y, 0.9r
SPECIFIC GRAVITY @ 20°C	0.917 – 0.924	0.920
FREE FATTY ACID (% AS OLEIC)	0.2	0.06
IODINE VALUE (CALC)	118 - 141	128.4
PEROXIDE VALUE (Meq O <sub>2</sub> / kg)	2.0 (at loading point)	0.15
MOISTURE	0.1	< 0.1

	ACID NAME	C-CHIAN	RANGE	RESULT
<b>FATTY ACID PROFILE (MAJOR ACIDS)</b>	MYRISTIC	C14:0	N/S	0.10
	PALMITIC	C16:0	5 – 7.6	6.43
	PALMITOLEIC	C16:1	0.3	0.18
	STEARIC	C18:0	2.7 – 6.5	2.71
	OLEIC	C18:1	14 – 39.4	30.8
	LINOLEIC	C18:2	48.3 – 74.0	56.4
	ALPHA LINOLENIC	C18:3	0.3	0.01
	ICOSANOIC	C20:0	0.5	0.39
	BEHENIC	C22:0	1.5	0.65
	LIGNOCERIC	C24:0	N/S	0.28

Date Produced: October 2014

Best Before: October 2015

R00607

11/12/2014