



SPECIFICATION SHEET

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

PRODUCT INCI: HELIANTHUS ANNUUS SEED

PRODUCT CODE: K0449

CAS NUMBER: 8001-21-6

EINECS NUMBER: 232-273-9

MANUFACTURING METHOD: COLD PRESSED

SHELF LIFE: 12 MONTHS

DOCUMENTATION REVIEWED: MAY 2018

ANALYTICAL DETAILS		RANGE %
APPEARANCE		OILY LIQUID
ODOUR		ODOURLESS
COLOUR		LIGHT YELLOW – YELLOW
SPECIFIC GRAVITY @ 20°C		0.918 – 0.925
REFRACTIVE INDEX @ 20°C (NR)		1.473 – 1.476
IODINE VALUE		120.0 – 140.0
PEROXIDE VALUE		<20.0
SAPONIFICATION		184 - 194
ACID VALUE (OLEIC)		<4.0

FATTY ACID PROFILE		RANGE %
C-CHAIN	ACID NAME	
C16:0	PALMITIC	5.0 – 7.6
C16:1	PALMITOLEIC	<0.3
C18:0	STEARIC	2.7 – 6.5
C18:1	OLEIC	14.0 – 39.4
C18:2	LINOLEIC	48.3 – 74.0
C18:3	LINOLENIC	<0.3
C20:0	ARACHIDIC	<0.5
C22:0	BEHENIC	< 1.5