

## SPECIFICATION SHEET

PRODUCT NAME: **CALENDULA, INFUSED IN SUNFLOWER OIL**

PRODUCT INCI: CALENDULA OFFICINALIS FLOWER & HELIANTHUS ANNUUS SEED OIL

PRODUCT CODE: K0084

CAS NUMBER: 84776-23-8 & 8001-21-6

EINECS NUMBER: 283-949-5 & 232-273-9

MANUFACTURING METHOD: NATURAL HERB INFUSION IN SUNFLOWER OIL.

SHELF LIFE: 12 MONTHS

**DOCUMENTATION REVIEWED: MAY 2018**

ANALYTICAL DETAILS	RANGE %
APPEARANCE	OILY LIQUID
ODOUR	CHARACTERISTIC
COLOUR	CLEAR – YELLOW - GOLDEN
REFRACTIVE INDEX @ 20°C	1.460 – 1.510
SPECIFIC GRAVITY @ 20°C	0.905 – 0.923
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0
FREE FATTY ACID	<2.0
IODINE VALUE	112.0 – 145.0
ACID VALUE	<4.0

FATTY ACID PROFILE		RANGE %
C-CHAIN	ACID NAME	
C16:0	PALMITIC	5.0 – 7.6
C18:0	STEARIC	2.7 – 6.5
C18:1	OLEIC	14.0 – 40.0
C18:2	LINOLEIC	50.0 – 74.0
C18:3	ALPHA LINOLENIC	<0.3
C20:0	ICOSANOIC	<1.0
C20:1	ICOSENOIC	<1.0
C22:0	DOCOSANOIC	<1.0

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