

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS CALENDULA OIL (INFUSED)

DESCRIPTION

PRODUCT: Calendula, Infused In Sunflower Oil
INCI NAME: Calendula Officinalis Flower & Helianthus Annus Seed Oil
CAS No: 84776-23-8 & 8001-21-6
EINECS No: 283-949-5 & 232-273-9
MANUFACTURING METHOD: Natural Herb Infusion in Sunflower Oil.

CHARACTERISTICS

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	CONFORMS
ODOUR	CHARACTERISTIC	CONFORMS
COLOUR	CLEAR – YELLOW - GOLDEN	CONFORMS
REFRACTIVE INDEX @ 20°C	1.460 – 1.510	1.485
SPECIFIC GRAVITY @ 20°C	0.905 – 0.923	0.919
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	5.0
FREE FATTY ACID	<2.0	0.07
IODINE VALUE	112.0 – 145.0	128.7
ACID VALUE	<4.0	0.3

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	5.0 – 7.6	6.97
C18:0	STEARIC	2.7 – 6.5	3.52
C18:1	OLEIC	14.0 – 40.0	29.36
C18:2	LINOLEIC	50.0 – 74.0	58.84
C18:3	ALPHA LINOLENIC	<0.3	0.13
C20:0	ICOSANOIC	<1.0	0.22
C20:1	ICOSENOIC	<1.0	-
C22:0	DOCOSANOIC	<1.0	-

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Akoma International (UK) LTD

Unit 9A Sawley Park

Nottingham Road

Derby

DE21 6AS

Tel: +44 (0) 1332 613 967

E-mail: support@akoma.zendesk.com

Calendula Oil (Infused) - COA