

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CALENDULA, INFUSED IN SUNFLOWER OIL
Bomar Batch: S0238 <small>LOT0021011</small>
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
MANUFACTURING DATE: 21/12/2023
BEST BEFORE DATE: 21/12/2025

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	YELLOW - GOLDEN	-
REFRACTIVE INDEX @ 20°C	1.460 – 1.480	1.470
SPECIFIC GRAVITY @ 20°C	0.902 – 0.925	0.914
PEROXIDE VALUE (MEQ O ₂ / KG)	<15.0	0.25
FREE FATTY ACID	<1.0	0.1

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 9.0	5.8
C18:0	STEARIC	<7.0	3.4
C18:1	OLEIC	14.0 - 42.0	28.5
C18:2	LINOLEIC	48.0 - 75.0	59.3
C18:3	LINOLENIC	<0.5	0.1

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