

# BOMAR

## CERTIFICATE OF ANALYSIS

<b>PRODUCT NAME: CALENDULA, INFUSED IN SUNFLOWER OIL</b>
Bomar Batch: R0112 (LOT NUMBER: LOT0016564)
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: 28/09/22
BEST BEFORE DATE: 28/09/24

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 <sub>2</sub> / KG)	<15.0	2.0
FREE FATTY ACID	<1.0	0.37

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	4.0 – 9.0	6.97
C18:0	STEARIC	<7.0	3.52
C18:1	OLEIC	14.0 - 42.0	29.36
C18:2	LINOLEIC	48.0 - 75.0	58.84
C18:3	LINOLENIC	<0.5	0.13

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