

# BOMAR

## CERTIFICATE OF ANALYSIS

<b>PRODUCT NAME: ARNICA, INFUSED IN SUNFLOWER OIL ORGANIC</b>
<b>Bomar Batch No: Q0365</b> (LOT NUMBER: LOT0012784)
PRODUCT INCI: ARNICA MONTANA FLOWER EXTRACT & HELIANTHUS ANNUUS SEED OIL
PRODUCT CODE: K0038
CAS NUMBER: 68990-11-4 & 8001-21-6
EINECS NUMBER: 273-579-2 & 232-273-9
MANUFACTURING METHOD: NATURAL HERB INFUSION
MANUFACTURING DATE: 16/08/2021
BEST BEFORE DATE: 16/08/2023

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	YELLOW - GOLDEN	-
REFRACTIVE INDEX @ 20°C	1.460 – 1.480	1.471
SPECIFIC GRAVITY @ 20°C	0.902 – 0.925	0.913
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<15.0	2.0
FREE FATTY ACID	<1.0	0.37

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 9.0	6.5
C18:0	STEARIC	<7.0	3.0
C18:1	OLEIC	14.0 - 42.0	33.2
C18:2	LINOLEIC	48.0 - 75.0	54.1
C18:3	LINOLENIC	<0.5	0.3

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