

## CERTIFICATE OF ANALYSIS

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

**Bomar Batch No: Q0532** (LOT NUMBER: LOT0013288)

PRODUCT INCI: ARNICA MONTANA FLOWER EXTRACT & HELIANTHUS ANNUUS SEED OIL

PRODUCT CODE: K0037

CAS NUMBER: 68990-11-4 & 8001-21-6

EINECS NUMBER: 273-579-2 & 232-273-9

MANUFACTURING METHOD: NATURAL HERB INFUSION

MANUFACTURING DATE: 24/03/2022

BEST BEFORE DATE: 24/03/2024

ANALYTICAL DETAILS	RANGE %	RESULT
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	0.914
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<15.0	5.0
FREE FATTY ACID	<1.0	0.3

FATTY ACID PROFILE		RANGE %	RESULT
C-CHAIN	ACID NAME		
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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