

## CERTIFICATE OF ANALYSIS

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

**Bomar Batch No: Q0547 (LOT NUMBER: LOT0012671)**

**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: 29/11/2021**

**BEST BEFORE DATE: 29/11/2023**

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
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

*The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Bomar regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from Bomar.*