

# BOMAR

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: CAROTENE, INFUSED IN SUNFLOWER OIL
Bomar Batch Number: Q0754 (LOT NUMBER: LOT0014841 )
PRODUCT INCI: DUNALIELLA SALINA EXTRACT & HELIANTHUS ANNUUS SEED OIL
PRODUCT CODE: K0103
CAS NUMBER: 7235-40-7 & 8001-21-6
EINECS NUMBER: 230-636-6 & 232-273-9
MANUFACTURING METHOD: NATURAL HERB INFUSION
MANUFACTURING DATE: 24/03/2022
BEST BEFORE DATE: 24/03/2024

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	RED - ORANGE	-
REFRACTIVE INDEX @ 20°C	1.460 – 1.485	1.477
SPECIFIC GRAVITY @ 20°C	0.902 – 0.930	0.915
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	3.4

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 9.0	6.7
C18:0	STEARIC	<7.0	3.4
C18:1	OLEIC	14.0 - 42.0	24.8
C18:2	LINOLEIC	48.0 - 75.0	57.9
C18:3	LINOLENIC	<0.5	0.15

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