

BOMAR

SPECIFICATION

PRODUCT NAME: CAROTENE, INFUSED IN SUNFLOWER OIL
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
BEST BEFORE END: 24 MONTHS
DOCUMENTATION REVIEW: 2021

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

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