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CERTIFICATE OF ANALYSIS

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PRODUCT NAME: CAROTENE INFUSED IN SUNFLOWER OIL
LOT NUMBER: LOT0017354
PRODUCT INCH: DUNALIELLA SALINA EXTRACT & HELIANTHUS ANNUUS SEED OIL
PRODUCT CODE: K01 03
CAS NUMBER: 7235-40-7 & 8001-21-6
EINECS NUMBER: 230-636-6 & 232-273-9
MANUFACTURING METHOD: NATURAL HERB INFUSION
MANUFACTURING DATE: 21/12/22
BEST BEFORE DATE: 21/12/24

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 ₂ / 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