

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS CARROT OIL

DESCRIPTION

Product Description: Carotene Infused Sunflower Oil
INCI Name: Helianthus Annuus Seed Oil & Beta-Carotene
CAS No: 8001-21-6 & 7235-40-7
EINECS No: 232-273-9 & 230-636-6
Manufacturing Method: Natural herb infusion in Sunflower Oil.

CHARACTERISTICS

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	OILY LIQUID	CONFORMS
ODOUR	CHARACTERISTIC	CONFORMS
COLOUR	RED – ORANGE	CONFORMS
REFRACTIVE INDEX @ 20°C	1.460 – 1.485	1.477
SPECIFIC GRAVITY @ 20°C	0.905 – 0.932	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 – 8.0	6.7
C16:1	PALMITOLEIC	<1.0	0.6
C18:0	STEARIC	2.0 – 6.5	3.4
C18:1	OLEIC	14.0 – 40.0	24.8
C18:2	LINOLEIC	50.0 – 80.0	57.9
C18:3	ALPHA LINOLENIC	<2.0	0.9
C20:0	ICOSANOIC	<1.0	0.15
C20:1	ICOSENOIC	<1.0	-
C22:0	BEHENIC	<1.0	-

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Page 1 of 1

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Carrot Oil - COA