



The Soap Kitchen (2011) Ltd  
Unit 8, Caddsdawn Industrial Park, Clovelly Road,  
Bideford, Devon, EX39 3DX, United Kingdom

Email: [enquiries@thesoapkitchen.co.uk](mailto:enquiries@thesoapkitchen.co.uk)  
Call: +44 (0) 1237 420 872

## CERTIFICATE OF ANALYSIS

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

**LOT NUMBER: Lot0005337**

**PRODUCT INCI: DUNALIELLA SALINA EXTRACT & HELIANTHUS ANNUS SEED OIL**

**PRODUCT CODE: K0103**

**CAS NUMBER: 801-21-6 & 7235-40-7**

**EINECS NUMBER: 232-273-9 & 230636-6**

**MANUFACTURING METHOD: NATURAL HERB INFUSION IN SUNFLOWER OIL.**

**MANUFACTURING DATE: 11/09/2019**

**BEST BEFORE DATE: 11/09/2021**

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	0.905 – 0.932	0.912	
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	3.8	

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	4.0 – 8.0	6.7
<b>C16:1</b>	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	-