



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: STRAWBERRY SEED OIL, COLD PRESSED**

**LOT NUMBER: LOT0000145**

PRODUCT INCI: FRAGARIA ANASSA SEED OIL

PRODUCT CODE: K0440

CAS NUMBER: 3817-18-28-1

EINECS NUMBER: 284-554-0

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 20/08/18

BEST BEFORE DATE: 20/08/19

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	GREEN – DARK GREEN	-
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930	0.92
REFRACTIVE INDEX @ 20°C	1.475 – 1.490	1.483
ACID VALUE	<8.0	3.3
IODINE VALUE	165.0 – 195.0	180
PEROXIDE VALUE	<40.0	5.2
FREE FATTY ACID	<4.0	2.0

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	2.0 – 6.0	4.6
C16:1	PALMITOLEIC	<0.5	0.3
C18:0	STEARIC	<4.0	1.6
C18:1	OLEIC	8.0 – 16.0	15.8
C18:2	LINOLEIC	44.0 – 55.0	47.4
C18:3	GAMMA LINOLENIC	<0.5	0.25
C20:0	ARACHIDIC	<3.0	-
C22:0	BEHENIC	<0.5	-
C24:0	LIGNOCERIC	<0.5	0.35

The Soap Kitchen  
Unit 8 Caddsdwn Industrial Park, Clovelly Road, Bideford,  
Devon EX39 3DX  
Tel: 01237 420872 (+44 (0)1237 420872)  
Email: it@thesoapkitchen.co.uk