

**The Soap Kitchen (2011) Ltd**

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CERTIFICATE OF ANALYSIS

PRODUCT NAME: STRAWBERRY SEED OIL, COLD PRESSED**LOT NUMBER: LOT0006895****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: 10/06/2020****BEST BEFORE DATE: 10/12/2021**

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	3.9
IODINE VALUE		165.0 – 195.0	180
PEROXIDE VALUE		<40.0	5.9
FREE FATTY ACID		<4.0	2.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	2.0 – 6.0	4.6
C16:1	PALMITOLEIC	<0.5	0.2
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	ALPHA LINOLENIC	28.0 – 38.0	29.5
C18:3	GAMMA LINOLENIC	<0.5	0.3
C20:0	ARACHIDIC	<3.0	1.5
C22:0	BEHENIC	<0.5	0.1
C24:0	LIGNOCERIC	<0.5	0.1