

**The Soap Kitchen (2011) Ltd**

Unit 8, Caddsdow Industrial Park,
Clovelly Road, Bideford, Devon,
EX39 3DX, United Kingdom

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

CERTIFICATE OF ANALYSIS

PRODUCT NAME: RASPBERRY SEED OIL, COLD PRESSED**LOT NUMBER: LOT0008050**

PRODUCT INCI: RUBUS IDAEUS SEED OIL

PRODUCT CODE: K0374

CAS NUMBER: 8492-76-0

EINECS NUMBER: 284-554-0

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 07/03/2020

BEST BEFORE DATE: 07/03/2022

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	GOLDEN - YELLOW	-
REFRACTIVE INDEX @ 20°C	1.470 – 1.500	1.480
SPECIFIC GRAVITY @ 20°C	0.920 – 0.940	0.924
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	8.6
FREE FATTY ACID	<2.0	1.95
ACID VALUE	<5.0	4.1
SAPONIFICATION	150.0 – 205.0	178.0

FATTY ACID PROFILE		RANGE %	
C-CHAIN	ACID NAME		
C16:0	PALMITIC	2.0 – 5.0	4.6
C16:1	PALMITOLEIC	<0.5	0.12
C18:0	STEARIC	<3.0	2.5
C18:1	OLEIC	6.0 – 16.0	16.0
C18:2	LINOLEIC	48.0 – 59.0	55.3
C18:3	ALPHA LINOLENIC	22.0 – 33.0	22.0
C20:0	ARACHIDIC	<1.0	0.1
C20:1	EICOSANOIC	<0.5	0.02
C22:0	BEHENIC	<0.5	0.038