



CERTIFICATE OF ANALYSIS

PRODUCT NAME: RASPBERRY SEED OIL, COLD PRESSED

LOT NUMBER: LOT0006882

PRODUCT INCI: RUBUS IDAEUS SEED OIL

PRODUCT CODE: K0374

CAS NUMBER: 8492-76-0

EINECS NUMBER: 284-554-0

MANUFACTURING METHOD: OLD PRESSED

MANUFACTURING DATE: 09/06/2020

BEST BEFORE DATE: 09/12/2021

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	GOLDEN - YELLOW	-
REFRACTIVE INDEX @ 20°C	1.470 – 1.500	1.481
SPECIFIC GRAVITY @ 20°C	0.920 – 0.940	0.922
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	4.9
FREE FATTY ACID	<5.0	2.4
SAPONIFICATION	150.0 – 205.0	177.3

FATTY ACID PROFILE		RANGE %	
C-CHAIN	ACID NAME		
C16:0	PALMITIC	2.0 – 5.0	3.1
C16:1	PALMITOLEIC	<0.5	0.18
C18:0	STEARIC	<3.0	1.1
C18:1	OLEIC	6.0 – 16.0	12.7
C18:2	LINOLEIC	48.0 – 59.0	53.0
C18:3	ALPHA LINOLENIC	22.0 – 33.0	31.9
C20:0	ARACHIDIC	<1.0	0.1
C20:1	EICOSANOIC	<0.5	0.02
C22:0	BEHENIC	<0.5	0.04