



CERTIFICATE OF ANALYSIS

PRODUCT NAME: RASPBERRY SEED OIL, COLD PRESSED

LOT NUMBER: LOT0007131

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: 29/06/2020

BEST BEFORE DATE: 29/12/2021

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	0.923
PEROXIDE VALUE (MEQ O ₂ / KG)		<20.0	8.6
FREE FATTY ACID		<5.0	4.1
SAPONIFICATION		150.0 – 205.0	177.0

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	0.04