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CERTIFICATE OF ANALYSIS

PRODUCT NAME: RASPBERRY SEED OIL, COLD PRESSED

LOT NUMBER: LOT0006615

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: 14/05/2020

BEST BEFORE DATE: 14/05/2022

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	0.923
PEROXIDE VALUE (MEQ O ₂ / KG)		<20.0	5.1
FREE FATTY ACID		<5.0	2.7
SAPONIFICATION		150.0 – 205.0	177.0

FATTY ACID PROFILE		RANGE %	
C-CHAIN	ACID NAME		
C16:0	PALMITIC	2.0 – 5.0	3.2
C16:1	PALMITOLEIC	<0.5	0.12
C18:0	STEARIC	<3.0	1.4
C18:1	OLEIC	6.0 – 16.0	12.1
C18:2	LINOLEIC	48.0 – 59.0	53.2
C18:3	ALPHA LINOLENIC	22.0 – 33.0	31.2
C20:0	ARACHIDIC	<1.0	0.1
C20:1	EICOSANOIC	<0.5	0.02
C22:0	BEHENIC	<0.5	0.04