

CERTIFICATE OF ANALYSIS

PRODUCT NAME: BLACKCURRANT OIL, REFINED 15%

LOT NUMBER: LOT0000016

PRODUCT INCI: RIBES NIGRUM

PRODUCT CODE: K0070

CAS NUMBER: 97676-19-2

EINECS NUMBER: N/A

MANUFACTURING METHOD: EXPPELLER PRESSED, REFINED

MANUFACTURING DATE: 03/04/2018

BEST BEFORE END DATE: 29/02/2020

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR GARDNER	< 8.0	5.6
SPECIFIC GRAVITY @ 20°C	0.920 – 0.935	0.926
REFRACTIVE INDEX @ 20°C (NR)	1.478 – 1.484	1.4798
FREE FATTY ACID (% AS OLEIC)	< 0.5	-
PEROXIDE VALUE (MEQ O ₂ / KG)	<15.0	1.6
IODINE VALUE	10.0 – 22.0	-
ACID VALUE	<1.0	0.2
SAPONIFICATION VALUE (MG KOH/GR)	185.0 – 195.0	189.0
UNSAPONIFIABLE MATTER	< 2.5	1.15

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	5.0 – 8.5	6.3
C18:0	STEARIC	1.0 – 3.0	1.5
C18:1	OLEIC	8.0 – 16.0	10.3
C18:2	LINOLEIC	43.0 – 50.0	47.3
C18:3	GAMMA-LINOLENIC	12.0 – 16.0	15.6
C18:4	STEARIDONIC	>2.0	2.9

FREE FROM TESTS

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.

APRICOT & PEACH KERNAL OIL	PASS
SESAME SEED OIL	PASS
COTTONSEED OIL	PASS
ARACHIS OIL	PASS
MINERAL OIL	PASS
FOREIGN OILS	PASS