

CERTIFICATE OF ANALYSIS

PRODUCT NAME: BLACKCURRANT SEED OIL 15% GLA, REFINED

Bomar Batch: R0375 (LOT NUMBER: LOT0015188)

PRODUCT INCI: RIBES NIGRUM SEED OIL

PRODUCT CODE: K0070

CAS NUMBER: 68606-81-5 / 97676-19-2

EINECS NUMBER: 271-749-0

MANUFACTURING METHOD: EXPELLER PRESSED, REFINED

MANUFACTURING DATE: 03/05/2022

BEST BEFORE DATE: 03/05/2024

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR GARDNER	< 8.0	6.5
SPECIFIC GRAVITY @ 20°C	0.920 – 0.935	0.926
REFRACTIVE INDEX @ 20°C (NR)	1.475 – 1.484	1.4798
FREE FATTY ACID (% AS OLEIC)	< 0.5	0.2
PEROXIDE VALUE (MEQ O ₂ / KG)	<15.0	1.5
ACID VALUE	<1.0	0.4
SAPONIFICATION VALUE (MG KOH/GR)	185.0 – 195.0	191.0
UNSATONIFIABLE MATTER	< 2.5	1.5

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	5.0 – 8.5	6.2
C18:0	STEARIC	1.0 – 3.0	1.5
C18:1	OLEIC	8.0 – 16.0	12.5
C18:2	LINOLEIC	43.0 – 50.0	45.8
C18:3	ALPHA-LINOLEIC	12.0 – 16.0	13.7
C18:3	GAMMA-LINOLENIC	>15	15.4
C18:4	STEARIDONIC	>2.0	2.5

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