

CERTIFICATE OF ANALYSIS

PRODUCT NAME: BLACKCURRANT SEED OIL 15% GLA, REFINED

Bomar Batch: S0241 (LOT NUMBER: LOT0019265)

PRODUCT INCI: RIBES NIGRUM SEED OIL

PRODUCT CODE: K0070

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

EINECS NUMBER: 271-749-0

MANUFACTURING METHOD: EXPPELLER PRESSED, REFINED

MANUFACTURING DATE: 28/06/2023

BEST BEFORE DATE: 28/06/2025

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR GARDNER	≤ 13.0	7.0
FREE FATTY ACID (% AS OLEIC)	≤ 2.50	0.4
PEROXIDE VALUE (MEQ O ₂ / KG)	<15.0	3.8
ACID VALUE	≤ 5.0	0.8
SAPONIFICATION VALUE (MG KOH/GR)	185.0 – 195.0	190.0
INSOLUBLE IMPURITIES (%)	≤0.20	0.03
MOISTURE VOLATILE (%)	≤0.20	0.05
SOLVENT RESIDUE	NOT DETECTED	NOT DETECTED

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	1.0 – 8.0	5.7
C18:0	STEARIC	0.5 – 3.0	1.7
C18:1	OLEIC	8.0 – 16.0	13.0
C18:2	LINOLEIC	35.0 – 55.0	45.6
C18:3	ALPHA-LINOLEIC	9.0 – 20.0	12.9
C18:3	GAMMA-LINOLENIC	10.0 – 20.0	15.9
C18:4	STEARIDONIC	1.0 – 4.0	2.7

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