

CERTIFICATE OF ANALYSIS

PRODUCT NAME: EVENING PRIMROSE OIL (9% GLA), REFINED

Bomar Batch: R0420 (LOT NUMBER: LOT0018263)

PRODUCT INCI: OENOTHERA BIENNIS OIL

PRODUCT CODE: K0183

CAS NUMBER: 90028-66-3

EINECS NUMBER: 289-859-2

MANUFACTURING METHOD: COLD PRESSED, REFINED

MANUFACTURING DATE: 28/03/23

BEST BEFORE DATE: 28/03/25

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	CLEAR – LIGHT YELLOW	-
SPECIFIC GRAVITY @ 20°C	0.920 – 0.935	0.924
REFRACTIVE INDEX @ 20°C (NR)	1.475 – 1.484	1.476
PEROXIDE VALUE (MEQ O ₂ / KG)	<10.0	1.8
ANISIDINE VALUE	<10.0	5.6
ACID VALUE	<1.0	0.40
SAPONIFICATION VALUE (MG KOH/GR)	185 – 200	187.0
UNSATURATED MATTER	< 2.0	0.97

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 10.0	6.6
C18:0	STEARIC	1.0 – 4.0	1.4
C18:1	OLEIC	5.0 – 12.0	11.9
C18:2	LINOLEIC	65.0 – 85.0	66.0
C18:3	GAMMA-LINOLENIC	>9.0	14.1

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