

# BOMAR

## CERTIFICATE OF ANALYSIS

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

Bomar Batch: R0105 (LOT NUMBER: LOT0016417)

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: 09/09/22

BEST BEFORE DATE: 09/09/24

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	1.477
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<10.0	1.18
ANISIDINE VALUE	<10.0	5.6
ACID VALUE	<1.0	0.39
SAPONIFICATION VALUE (MG KOH/GR)	185 – 200	186.0
UNSAAPONIFIABLE MATTER	< 2.0	0.95

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	4.0 – 10.0	6.64
C18:0	STEARIC	1.0 – 4.0	2.08
C18:1	OLEIC	5.0 – 12.0	7.35
C18:2	LINOLEIC	65.0 – 85.0	72.97
C18:3	GAMMA-LINOLENIC	>9.0	9.22

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 with Bomar regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from Bomar.