

BOMAR

CERTIFICATE OF ANALYSIS

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

Bomar Batch No: Q0616 (LOT NUMBER: LOT0011628)

PRODUCT INCI: OENOTHERA BIENNIS SEED OIL

PRODUCT CODE: K0183

CAS NUMBER: 90028-66-3

EINECS NUMBER: 289-859-2

MANUFACTURING METHOD: COLD PRESSED, REFINED

MANUFACTURING DATE: 20/11/2021

BEST BEFORE DATE: 20/11/2023

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	CLEAR – LIGHT YELLOW	-
SPECIFIC GRAVITY @ 20°C	0.920 – 0.935	0.925
REFRACTIVE INDEX @ 20°C (NR)	1.475 – 1.484	1.479
PEROXIDE VALUE (MEQ O ₂ / KG)	<10.0	0.9
ANISIDINE VALUE	<10.0	5.9
ACID VALUE	<1.0	0.27
SAPONIFICATION VALUE (MG KOH/GR)	185 – 200	186.0
UNSAPONIFIABLE MATTER	< 2.0	0.77

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 10.0	6.42
C18:0	STEARIC	1.0 – 4.0	1.69
C18:1	OLEIC	5.0 – 12.0	6.96
C18:2	LINOLEIC	65.0 – 85.0	73.69
C18:3	GAMMA-LINOLENIC	>9.0	9.19

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