

# BOMAR

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: **ROSEHIP SEED OIL, REFINED**

LOT NUMBER: **R0717** (LOT0013807)

PRODUCT INCI: ROSA CANINA SEED OIL

PRODUCT CODE: K0392

CAS NUMBER: 84696-47-9

EINECS NUMBER: 283-652-0

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURING DATE: 23/06/22

BEST BEFORE DATE: 23/06/24

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	OILY LIQUID	-
COLOUR	LIGHT YELLOW - YELLOW	-
COLOUR (LOVIBOND)	≤ 30.0Y, ≤2.5R	15.0Y, 1.75R
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.911 – 0.935	0.920
REFRACTIVE INDEX @ 20°C	1.467 – 1.485	1.475
PEROXIDE VALUE	≤10.0	6.8
MOISTURE	≤0.1	0.05
FREE FATTY ACID (% AS OLEIC)	≤0.5	0.5
ACID VALUE (MGKOH/G)	≤1.0	1.0
IODINE VALUE (MG/G)	138.0 – 179.0	158.5
SAPONIFICATION VALUE (MGKOH/G)	185.0 – 206.0	195.0

FATTY ACID PROFILE		RANGE %	RESULT
C-CHAIN	ACID NAME		
C16:0	PALMITIC	2.0 – 10.0	6.25
C18:0	STEARIC	1.0 - 7.0	4.66
C18:1	OLEIC	10.0 – 26.0	25.71
C18:2	LINOLEIC	35.0 – 65.0	54.57
C18:3	ALPHA LINOLENIC	≤ 35.0	2.6
C20:0	ARACHIDIC	≤ 2.0	0.3

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