

CERTIFICATE OF ANALYSIS

PRODUCT NAME: ROSEHIP SEED OIL, REFINED

Bomar Batch: N11160 (LOT NUMBER: LOT0006165)

PRODUCT INCI: ROSA CANINA FRUIT OIL

PRODUCT CODE: K0392

CAS NUMBER: 84696-47-9 / 84603-96-0

EINECS NUMBER: 283-652-0

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURING DATE: 30/03/2020

BEST BEFORE DATE: 30/03/2022

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	LIGHT YELLOW - YELLOW	-
COLOUR (LOVIBOND)	<30.0Y, <2.5R	-
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.911 – 0.935	0.925
REFRACTIVE INDEX @ 20°C	1.467 – 1.485	1.478
SAPONIFICATION VALUE	175.0 – 209.0	191.3
FREE FATTY ACID (% AS OLEIC)	<0.5	0.14
PEROXIDE VALUE	<10.0	1.05
IODINE VALUE	138 - 190	159.9
ACID VALUE	<1.0	0.28
MOISTURE	<0.1	-

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	2.0 – 10.0	5.21
C18:0	STEARIC	1.0 - 7.0	2.86
C18:1	OLEIC	10.0 – 26.0	21.09
C18:2	LINOLEIC	35.0 – 55.0	47.18
C18:3	ALPHA LINOLENIC	20.0 – 50.0	23.08
C20:0	ARACHIDIC	<2.0	0.44

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