

CERTIFICATE OF ANALYSIS

PRODUCT NAME: GRAPESEED OIL, REFINED

Bomar Batch: R0701 (LOT NUMBER: LOT0015738)

PRODUCT INCI: VITIS VINIFERA SEED OIL

PRODUCT CODE: K0213

CAS NUMBER: 85594-37-2 / 84929-27-1 / 8024-22-4

EINECS NUMBER: 287-896-9 / 284-511-6

MANUFACTURING DATE: 31/05/2023

BEST BEFORE DATE: 31/05/2025

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	LIGHT YELLOW – LIGHT GREEN OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR LOVIBOND (5¼" CELL)	<5.0Y, <0.5R, <0.1B	CONFORMS
SPECIFIC GRAVITY @ 20°C	0.910 – 0.925	0.921
SAPONIFICATION VALUE	187.0 – 200.0	191.0
UNSATURATED MATTER	<1.5	CONFORMS
FREE FATTY ACID (% AS OLEIC)	<1.0	0.05
PEROXIDE VALUE	<5.0	1.7
IODINE VALUE	134.0 – 144.0	139.0
ACID VALUE	<2.0	0.1
REFRACTIVE INDEX	1.473 – 1.477	CONFORMS

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	5.0 – 9.0	7.8
C16:1	PALMITOLEIC	<0.5	0.1
C18:0	STEARIC	3.0 - 6.0	3.8
C18:1	OLEIC	15.0 – 28.0	26.7
C18:2	LINOLEIC	60.0 – 75.0	60.7
C18:3	LINOLENIC	< 1.5	-
C20:0	ARACHIDIC	< 1.5	-
C20:1	GADOLEIC	< 1.0	-
C22:0	BEHENIC	< 1.0	-

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