

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: GRAPESEED OIL, REFINED**

**LOT NUMBER: R0505 (LOT0018443)**

**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: 14/04/2023**

**BEST BEFORE DATE: 14/04/2025**

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	YELLOWISH TO GREEN OILY LIQUID	-
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.910 – 0.922	0.918
REFRACTIVE INDEX @ 20°C	1.463 – 1.476	1.475
SAPONIFICATION VALUE	182.0 – 194.0	190.0
UNSAAPONIFIABLE MATTER	<1.0	0.7
FREE FATTY ACID (% AS OLEIC)	<1.0	0.46
PEROXIDE VALUE	<10.0	1.1
IODINE VALUE	125.0 – 145.0	135.0
ACID VALUE	<0.5	0.2

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	6.0 – 8.0	7.0
C16:1	PALMITOLEIC	<0.5	-
C18:0	STEARIC	3.0 - 6.0	4.0
C18:1	OLEIC	12.0 – 28.0	26.8
C18:2	LINOLEIC	60.0 – 76.0	60.3
C18:3	LINOLENIC	< 0.5	-
C20:0	ARACHIDIC	< 0.5	-

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