

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: GRAPESEED OIL, REFINED**

**LOT NUMBER: R0803 (LOT0019547)**

**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: 25/07/2023**

**BEST BEFORE DATE: 25/07/2025**

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	YELLOWISH TO GREEN OILY LIQUID	-
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.910 – 0.922	0.921
REFRACTIVE INDEX @ 20°C	1.463 – 1.476	1.470
SAPONIFICATION VALUE	182.0 – 194.0	190.0
UNSAAPONIFIABLE MATTER	<1.0	0.5
FREE FATTY ACID (% AS OLEIC)	<1.0	0.05
PEROXIDE VALUE	<10.0	3.6
IODINE VALUE	125.0 – 145.0	140.0
ACID VALUE	<0.5	0.1

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	6.0 – 8.0	7.2
C16:1	PALMITOLEIC	<0.5	0.1
C18:0	STEARIC	3.0 - 6.0	3.8
C18:1	OLEIC	12.0 – 28.0	26.9
C18:2	LINOLEIC	60.0 – 76.0	60.0
C18:3	LINOLENIC	< 0.5	<0.5
C20:0	ARACHIDIC	< 0.5	<0.5

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