

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: GRAPESEED OIL, REFINED**

**LOT NUMBER: R0477 (LOT0018264)**

**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: 28/03/2023**

**BEST BEFORE DATE: 28/03/2025**

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	0.5
PEROXIDE VALUE	<10.0	0.5
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	7.2
C16:1	PALMITOLEIC	<0.5	0.1
C18:0	STEARIC	3.0 - 6.0	4.0
C18:1	OLEIC	12.0 – 28.0	25.9
C18:2	LINOLEIC	60.0 – 76.0	60.4
C18:3	LINOLENIC	< 0.5	0.74
C20:0	ARACHIDIC	< 0.5	0.75

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Bomar regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from Bomar.