

# SPECIFICATION SHEET

**PRODUCT NAME: GRAPESEED OIL, REFINED**

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 METHOD: EXPELLER PRESSED & REFINED

SHELF LIFE: 18 MONTHS

DOCUMENTATION REVIEWED: 2021

ANALYTICAL DETAILS	RANGE %
APPEARANCE	LIGHT YELLOW – LIGHT GREEN OILY LIQUID
ODOUR	ODOURLESS
COLOUR LOVIBOND (5¼" CELL)	<25Y, <2.5R
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930
SAPONIFICATION VALUE	187 - 200
UNSAAPONIFIABLE MATTER	<2.0
FREE FATTY ACID (% AS OLEIC)	<1.0
PEROXIDE VALUE	<5.0
IODINE VALUE	134.0 – 146.0
ACID VALUE	<2.0
REFRACTIVE INDEX	1.473 – 1.477

FATTY ACID PROFILE		RANGE %
C-CHAIN	ACID NAME	
C16:0	PALMITIC	5.0 – 11.0
C16:1	PALMITOLEIC	<1.0
C18:0	STEARIC	3.0 - 6.5
C18:1	OLEIC	12.0 – 28.0
C18:2	LINOLEIC	60.0 – 78.0
C18:3	LINOLENIC	< 1.5
C20:0	ARACHIDIC	< 1.5
C20:1	GADOLEIC	< 1.0
C22:0	BEHENIC	< 1.0