

SPECIFICATION SHEET

PRODUCT NAME: **GRAPSEED OIL, REFINED**

PRODUCT INCI: VITIS VINIFERA SEED OIL

PRODUCT CODE: K0213

CAS NUMBER: 8024-22-4

EINECS NUMBER: 284-511-6

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

SHELF LIFE: 12 MONTHS

DOCUMENTATION REVIEWED: MAY 2018

ANALYTICAL DETAILS	RANGE %
APPEARANCE	LIGHT YELLOW – LIGHT GREEN OILY LIQUID
COLOUR LOVIBOND (5¼" CELL)	<25Y, <2.5R
ODOUR	ODOURLESS
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930
SAPONIFICATION VALUE	187 - 200
UNSAPONIFIABLE MATTER	<2.0
FREE FATTY ACID (% AS OLEIC)	<1.0
PEROXIDE VALUE	<10.0
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

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