#### **CERTIFICATE OF ANALYSIS**

PRODUCT NAME: GRAPESEED OIL, REFINED

#### BATCH NUMBER: 4583107

PRODUCT INCI: VITIS VINIFERA SEED OIL

CAS NUMBER: 8024-22-4

EINECS NUMBER: 284-511-6

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

COUNTRY OF ORIGIN: ITALY

BEST BEFORE DATE: June 2027

ANALYTICAL DETAILS	RANGE %	RESULTS
Appearance	Yellowish to green oily liquid	-
Odour	Odourless	-
SPECIFIC GRAVITY @ 20°C	0.910 - 0.922	0.920
REFRACTIVE INDEX @ 20°C	1.463 – 1.476	CONFORMS
SAPONIFICATION VALUE	182.0 – 194.0	190.0
UNSAPONIFIABLE MATTER	<1.0	CONFORMS
FREE FATTY ACID (% AS OLEIC)	<1.0	0.10
PEROXIDE VALUE	<10.0	0.6
IODINE VALUE	125.0 – 145.0	140.0
ACID VALUE	<0.5	0.2

FATTY ACID PROFILE		Range %	RESULTS
C-CHAIN			
C16:0	Palmitic	6.0 - 8.0	6.9
C16:1	Palmitoleic	<0.5	0.1
C18:0	STEARIC	3.0 - 6.0	3.8
C18:1	Oleic	12.0 - 28.0	25.9
C18:2	LINOLEIC	60.0 - 76.0	62.1
C18:3	Linolenic	< 0.5	<0.5
C20:0	ARACHIDIC	< 0.5	<0.5

#### **ALLERGEN STATEMENT**

PRODUCT NAME: GRAPESEED OIL, REFINED

#### **COSMETIC ALLERGENS**

NO.	ANNEX III	ALLERGEN	CAS NUMBER:	TOTAL ALLERGEN INCLUSION (%):
1	327	ACETYL CEDRENE	32388-55-9	-
2	67	AMYL CINNAMAL	122-40-7	-
3	74	AMYLCINNAMYL ALCOHOL	101-85-9	-
4	328	AMYL SALICYLATE	2050-08-0	-
5	329	TRANS-ANETHOLE	4180-23-8	-
6	80	ANISYL ALCOHOL	105-13-5	-
7	330	BENZALDEHYDE	100-52-7	-
8	45	BENZYL ALCOHOL	100-51-6	-
9	85	BENZYL BENZOATE	120-51-4	-
10	81	BENZYL CINNAMATE	103-41-3	-
11	75	BENZYL SALICYLATE	118-58-1	-
12	331	CAMPHOR	76-22-2 / 464-49-3 21368-68-3	-
12	331		/ 464-48-2	
13	332	BETA-CARYOPHYLLENE	87-44-5	-
14	333	CARVONE	99-49-0 / 6485-40-1 / 2244-16-	-
14	555		8	
15	76	CINNAMAL	104-55-2	-
16	69	CINNAMYL ALCOHOL	104-54-1	-
		CITRAL	5392-40-5	-
17	70	GERANIAL	141-27-5	-
		NERAL	106-26-3	-
18	86	CITRONELLOL	106-22-9 / 1117-61-9 / 7540-	-
10			51-4	
19	77	COUMARIN	91-64-5	-
		DAMASCENONE	23696-85-7	-
		ALPHA-DAMASCONE (CIS &	43052-87-5 / 23726-94-5	-
20	157	TRANS)	24720-09-0	
20	137	CIS-BETA-DAMASCONE	23726-92-3	-
		DELTA-DAMASCONE (CIS & TRANS)	57378-68-4 / 71048-82-3	-
		TRANS-BETA-DAMASCONE	23726-91-2	-

21 ACETATE 151-05-3	
22 71 EUGENOL 97-53-0	-
23         368         EUGENYL ACETATE         93-28-7	-
24         82         FARNESOL         4602-84-0	-
25 78 GERANIOL 106-24-1	-
26         369         GERANYL ACETATE         105-87-3	-
27         335         HEXADECANOLACTONE         109-29-5	-
28 336 HEXAMETHYLINDANOPYRAN 1222-05-5	-
(GALAXOLIDE)	
29         87         HEXYL CINNAMAL         101-86-0	-
30         72         HYDROXYCITRONELLAL         107-75-5	-
31 73 ISOEUGENOL (CIS & TRANS) 97-54-1 / 5932-68-3 5	912-86-7 -
32 <i>370</i> ISOEUGENYL ACETATE 93-29-8	-
33 <i>90</i> ALPHA -ISOMETHYLIONONE 127-51-5	-
34 88 (DL)-LIMONENE 5989-27-5	-
35 84 LINALOOL 78-70-6	-
36 337 LINALYL ACETATE 115-95-7	-
338 MENTHOLS 1490-04-6 / 89-78	8-1/ -
37 37 2216-51-5 / 15356	5-60-2
38         46         6-METHYL COUMARIN         92-48-8	-
39         89         METHYL 2-OCTYNOATE         111-12-6	-
40         324         METHYL SALICYLATE         119-36-8	-
41 339 3-METHYL-5-(2,2,3-TRIMETHYL-3- 67801-20-1	-
41 CYCLOPENTYL) PENT-4-EN-2-OL	
42 371 ALPHA-PINENE 80-56-8	
42 371 BETA-PINENE 127-91-3	-
43 175 PROPYLIDENE PHTALIDE 17369-59-4	-
44 <i>340</i> SALICYLALDEHYDE 90-02-8	-
ALPHA-SANTANOL 115-71-9	-
45 341 BETA-SANTANOL 77-42-9	-
46 342 SCLAREOL 515-03-7	-
343 TERPINEOL (MIXTURE OF 8000-41-7 / 98-5	55-5 -
47 ISOMERS) 138-87-4 / 586-8	31-2
48 <i>131</i> ALPHA-TERPINENE 99-86-5	-
49 <i>133</i> TERPINOLENE 586-62-9	-
344 TETRAMETHYL	4 50 4
50     ACETYLOOCTAHYDRONAPHTHALE     54464-57-2 / 54464	
68155-66-8 / 68155	5-10-5

	345	TRIMETHYL-BENZENEPROPANOL		1
51	545	(MAJANTOL)	103694-68-4	
52	346	VANILLIN	121-33-5	-
52			121-55-5	-
53	347	CANANGA ODORATA (YLANG- YLANG OIL)	83863-30-3 / 8006-81-3	-
54	122	CEDRUS ATLANTICA BARK OIL	92201-55-3 / 8000-27-9	-
55	348	CINNAMOMUM CASSIA LEAF OIL	8007-80-5 / 84961-46-6	-
ГC	349	CINNAMOMUM ZEYLANICUM	2015 01 6 / 24640 02 0	-
56		BARK OIL	8015-91-6 / 84649-98-9	
		CITRUS AURANTIUM AMARA	72068 50 4	-
57	350	FLOWER OIL	72968-50-4	
57	550	CITRUS AURANTIUM DULCIS	8028-48-6 / 8016-38-4	-
		FLOWER OIL (SINENSIS)	8028-48-07 8010-38-4	
		CITRUS AUTANTIUM AMARA PEEL	68916-04-1	-
58	351	OIL	72968-50-4	
50	551	CITRUS AUTANTIUM DULCIS PEEL	97766-30-8	-
		OIL (SINENSIS)	8028-48-6 / 8008-57-9	
59	352	CITRUS BERGAMIA PEEL OIL	68648-33-9 / 89957-91-5	-
55	552		92704-01-3	
60	353	CITRUS LIMONUM PEEL OIL	84929-31-7 / 8008-56-8	-
61	354	CYMBOPOGON CITRATUS,	91844-92-7 / 8007-02-1 89998-	-
01		SCHOENANTHUS OILS	16-3	
62	355	EUCALYPTUS SPP. LEAF OIL	92502-70-0 / 8000-48-4	-
63	356	EUGENIA CARYOPHYLLUS	8000-34-8 / 8015-97-2 84961-	-
05			50-2	
64	92	EVERNIA FURDURACEA	90028-67-4	-
04		(TREEMOSS) EXTRACT	50028-07-4	
65	91	EVERNIA PRUNASTRI (OAKMOSS)	90028-68-5	-
05		EXTRACT		
66	357	JASMINUM GRANDIFLORUM /	84776-64-7 / 90045-94-6	-
		OFFICINALE	8022-96-6 / 8024-43-9	
67	358	JUNIPERUS VIRGINIANA	8000-27-9 / 85085-41-2	-
68	359 LAURUS NOBILIS 8002-41-3 / 8007-48-5 / 84603-		8002-41-3 / 8007-48-5 / 84603-	-
00			73-6	
		LAVANDULA HYBRIDA	91722-69-9	-
69 360		LAVANDULA INTERMEDIA	84776-65-8	-
		(ANGUSTIFOLIA)	04770-03-0	
70	361	MENTHA PIPERITA	8006-90-4 / 84082-70-2	-
71	362	MENTHA SPICATA	8008-79-5 / 84696-51-5	-

72	154	MYROXYLON PEREIRAE	8007-00-9	-
73	363	NARCISSU SPP.	Diverse	-
74	364	PELARGONIUM GRAVEOLENS	90082-51-2 / 8000-46-2	-
75	109	PINUS MUGO	90082-72-7	-
76	114	PINUS PUMILA	97676-05-6	-
77	365	POGOSTEMON CABLIN	8014-09-3 / 84238-39-1	-
78	366	ROSA SPP. (ROSE)	Diverse	-
79	367	SANTALUM ALBUM	84787-70-2 / 8006-87-9	-
80	124	TURPENTINE OIL	8006-64-2 / 9005-90-7 / 8052-	-
30	124		14-0	
81	196	VERBENA ABSOLUTE	8024-12-2	-

"-" mean 0,000 %.

#### **FOOD ALLERGENS**

Annex Illa		PRESENT IN	CONTAMINATION	FACTORY
Reference:		PRODUCT:	PRESENCE:	PRESENCE:
1	CEREALS (CONTAINING GLUTEN)	NO	NO	YES
2	CRUSTACEANS	NO	NO	NO
3	EGGS	NO	NO	NO
4	FISH	NO	NO	NO
5	PEANUTS	NO	NO	YES
6	SOYA	NO	NO	YES
7	MILK	NO	NO	YES
8	NUTS	NO	NO	YES
9	CELERY & CELERIAC	NO	NO	YES
10	MUSTARD	NO	NO	YES
11	SESAME	NO	NO	YES
12	SULPHUR DIOXIDE & SULPHITES	NO	NO	NO
13	LUPIN	NO	NO	NO
14	MOLLUSC	NO	NO	NO

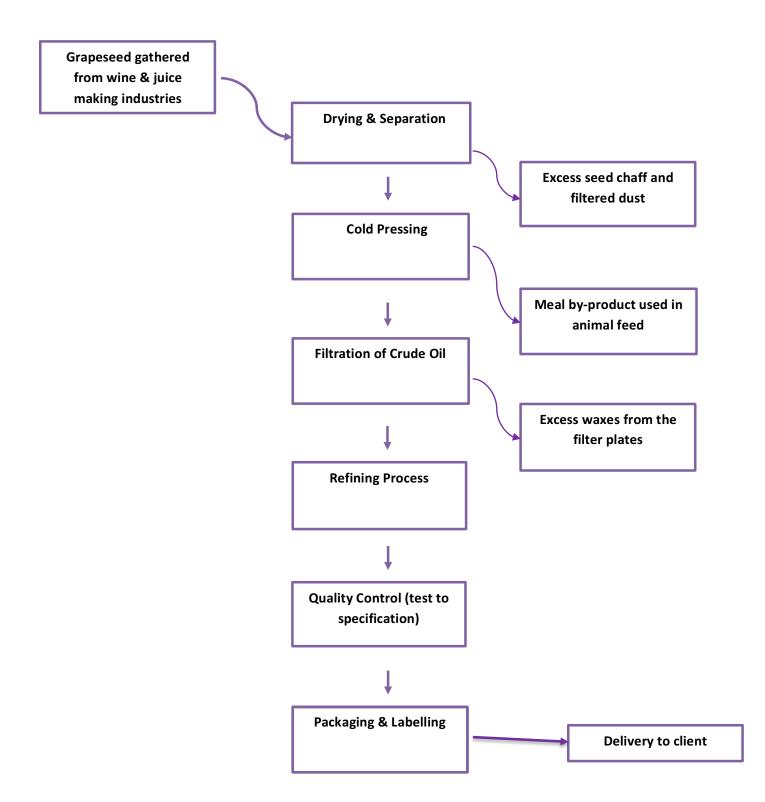
#### **Composition Statement & Manufacturing Flow Chart:**

Madar Corporation Limited can hereby confirm the following composition breakdown & manufacturing process flow;

Grapeseed Oil, Refined

INCI Name	% Inclusior	CAS Number
Vitis Vinifera Seed Oil	100	8024-22-4 / 84929-27-1

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 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



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**PRODUCT STATEMENTS** 

#### NATURAL INDEX STATEMENT

WE HEREBY DECLARE THE FOLLOWING WITH REGARDS TO:

GRAPESEED OIL, REFINED NATURAL INDEX: 1 NATURAL CONTENT: 100% NATURAL ORIGIN INDEX: 1 NATURAL ORIGIN CONTENT: 100%

08/02/2021

#### **GMO Statement**

PRODUCT NAME: Grapeseed

MADAR Corporation Limited can confirm that the above listed product is GMO Free.

06/03/2023

#### **Material Safety Data Sheet**

EU Regulation: 2020/878

SECTION 1: Identification of the substance/mixture and of the company/undertaking					
1.1 Product Identification					
Product Name	GRAPESEED OIL, REFI	NED			
<b>Biological Definition</b>	VITIS VINIFERA SEED (	Dil is a fixed c	DIL OBTAINED FROM THE GRAPE SEEL	)	
INCI Name	VITIS VINIFERA SEED (	DIL			
Synonyms & Trade Names	GRAPESEED OIL				
Internal Product Code					
CAS-No	85594-37-2 / 84929-27-1 / 8024-22-4	EC No.	287-896-9 / 284-511-6	EINECS No.	287-896-9 / 284-511-6
1.2 Details of the supplier of the safety dat	a sheet				
Company Address	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate, Fordingbrdige, SP6 1PA				
Email	technical@madarcorporation.co.uk				
-	1.3 Details of the supplier of the safety data sheet				
Emergency Contacts	01425 655 555				

#### **SECTION 2: Hazards Identification**

2.1 Classification of the substance or mixture	
Classification (67/548/EEC)	This product is not dangerous according to REACH Regulation 1907/2006.
Classification (EU1272/2008)	This product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1272/2008 & any further amendments, nor to those having recognized exposition limits. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills can constitute a slippage hazard.
2.2 Label Elements	Label in accordance with Regulation (EC) No 1272/2008.
GHS Label	None.
Signal Word	None.
Contains	None.
Hazards Statement	None.
Signal Word None.	
Precautionary Statements None.	
Supplementary Precautionary Statements	None.
	Section 16 (Other Information): Risk & Safety phrases in full.
2.3 Other Hazards	
Adverse physio-chemical properties	None.
Adverse effects on human health	None.
SECTION 3: Composition of Ingredien	its
3.1 Substances	Not Applicable.
3.2 Mixtures	Not Applicable.

SECTION 4: First Aid Measures	
4.1	
Description of First Aid Measures	
General Information	Always remove contaminated clothing immediately.
Inhalation	Not expected for this particular product, however always best avoiding proactive inhalation.
Ingestion	No instruction as this is a non-toxic product.
Skin Contact	No instruction as this is a non-toxic product.

Eye Contact	Wash immediately & thoroughly with clean tap water.		
4.2 Most important symptoms & effects (Acute & Delayed)	None.		
ication of any immediate medical attention or Not Applicable.			
SECTION 5: Fire Fighting Measures			
5.1 Extinguishing material	Foam, Co2, Dry Chemical Powder.		
5.2 Special hazards arising from the substance Or mixture	This product may only form ignitable mixtures or burn above the flash point. Dangerous combustion products include smoke & oxides of carbon.		
5.3 Advice for fire-fighters	Standard. Wear self-contained breathing apparatus in confined spaces.		
SECTION 6: Accidental Release Measur	es		
6.1 Personal precautions	None Required.		
6.2 Environmental precautions	None Required.		
6.3 Methods & material for containment and cleaning	Spills can be absorbed by cloth or sawdust, washed away with water & cleaned with sodic products.		
up 6.4 References to other sections	Refer & consider section 8. Refer & consider section 13.		
SECTION 7: Handling & Storage			
7.1 Precautions for safe-handling	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prever spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not eat, drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling of drums & heavy packages.		
7.2 Conditions for safe storage, including any incompatibilities	Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away fro potential sources of ignition and protected from light. Maintain limited contact with oxygen.		
7.3 Specific end use(s)	No Data.		
SECTION 8: Exposure Controls & Personal Protection			
8.1 Control Parameters	None.		
8.2 Exposure Controls			
Eye Protection	Not required as a non-toxic product, however we still recommend taking precautions by wearing protective eye-wear when handling the product.		
Hand Protection	None.		
Respiratory Equipment	None.		
Hygiene Measures	None.		
Engineering Measures	None.		
SECTION 9: Physical & Chemical Properties			

9.1 Physical & Chemical Properties		
Appearance	OILY LIQUID	
Colour	LIGHT YELLOW – LIGHT GREEN	
Odour	Odourless	
Relative Density	NO DATA.	
Refractive Index	NO DATA.	
Flash Point (°C)	>280°C.	
Melting Point (°C)	NOT APPLICABLE.	
Boiling Point (°C)	>100°C.	
Vapour Pressure	NO DATA.	
Solubility in Water @ 20°C	INSOLUBLE.	
9.2 Other Information	NO DATA.	
SECTION 10: Stability & Reactivity	Not Applicable.	
10.2 Chemical stability	Stable under suggested storage conditions (<20°C).	
10.3 Possibility of hazardous reactions	No.	
10.4 Conditions to avoid	Storage at high temperatures. Do not store above 20°C.	
10.5 Incompatible materials	Concentrated acids, alkalis & oxidising agents.	
10.6 Hazardous decomposition products	This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke.	

SECTION 11: Toxicological Information	
11.1 Toxicological effects	
Acute Toxicity	A non-toxic product. For pharmaceutical & cosmetic use only. This product does not carry a microbiological specification as it is sterilised in the refining process. It does not contain any impurities. This product is not included in the list of substances prohibited in cosmetic products or subject to restrictions. It does not contain colorants, preservatives or UV filters (Annex II – VI of EU regulation 1223/2009).
Skin irritation	Not Applicable.
Eye damage or irritation	Not Applicable.
Respiratory or skin sensitivity	Not Applicable.
Germ cell mutagenicity	Not Applicable.
Carcinogenicity	Not Applicable.
Reproductive toxicity	Not Applicable.

STOT – single exposure	Not Applicable.	
STOT – repeated exposure	Not Applicable.	
Aspiration hazard	Not Applicable.	
Other information	Not Applicable.	
SECTION 12: Ecological Information		
12.1 Toxicity	Low - None.	
12.2 Persistence & degradability	>90% (OECD)	
12.3 Bio- accumulative potential	None.	
12.4 Mobility in soil	Low – None.	
12.5 Results of PBT & VPVB assessment	Not Available.	
12.6 Other adverse effects	None.	
SECTION 13: Disposal Information		
13.1 Waste treatment methods	Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.	

#### **SECTION 14: Transport Information** 14.1 **Transport Information** Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO), transport not restricted in drums or Warning icon food tankers. **Shipping Name** Not Applicable. UN Number (Road) Not Applicable. ADR Class Not Applicable. Hazard Number (ADR) Not Applicable. Hazchem Code Not Applicable. UN Number (Sea) Not Applicable. IMDG Class Not Applicable. IMDG Pack GR. Not Applicable. EMS Not Applicable. UN Number (Air) Not Applicable. Air Class Not Applicable. Air Pack GR. Not Applicable. **SECTION 15: Regulatory Information**

15.1

Product specific safety, health & environmental regulations & legislation		
EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 <sup>th</sup> December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing council regulation (EEC) No793/93 & commission regulation (EC) No1488/94 as well as council directive 76/769/EEC & commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (including amendments).	
Statutory Instruments	The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716).	
Approved Code of Practice	Classification & labelling of substances & preparations dangerous for supply. Safety data sheets for substances & preparations.	
Guidance Notes	Workplace exposure limits EH40. CHIP for everyone HSG 108.	
15.2 Chemical Safety Assessment	Assessment has not been carried out as this is a non-hazardous material according to article 31 of REACH 1907/2006.	

SECTION 16: Other Information		
Allergens:	None.	
Training Instructions: Refer to possible hazard before use of this product.		
Abbreviations & Acronyms:		
MSDS	Material Safety Data Sheet.	
INCI International Nomenclature of Cosmetic Ingredients.		
CAS Chemical Abstract Service.		
IMDG	International Maritime code for Dangerous Goods.	
ADR	Accord European sur le transport des merchandises Dangereuses par Route (European	
	Agreement concerning the international Carriage of Dangerous goods by Road).	
RID	International Carriage of Dangerous Goods by Rail.	
ICAO	International Civil Aviation Organization.	
ADN	International Carriage of Dangerous Goods by Inland Waterways.	
GHS	Globally Harmonized System of classification & labelling of chemicals.	
Trem Card	Transport Emergency Card.	
STOT Specific Target Organ Toxicity.		

# Documentation Revision Date Change Description 10th April 2018 Data Launch November 2020 Review December 2022 EU Regulation changed

SPECIFICATION SHEET
PRODUCT NAME: GRAPESEED OIL, REFINED
Product Inci: Vitis Vinifera Seed Oil
CAS NUMBER: 85594-37-2 / 84929-27-1 / 8024-22-4
EINECS NUMBER: 287-896-9 / 284-511-6
Shelf Life: 24 Months

ANALYTICAL DETAILS	Range %	
APPEARANCE	Yellowish to green oily liquid	
Odour	Odourless	
Specific Gravity @ 20°C 0.910 – 0.922		
REFRACTIVE INDEX @ 20°C	1.463 – 1.476	
SAPONIFICATION VALUE	182.0 – 194.0	
UNSAPONIFIABLE MATTER	<1.0	
FREE FATTY ACID (% AS OLEIC)	<1.0	
PEROXIDE VALUE	<10.0	
IODINE VALUE	125.0 – 145.0	
ACID VALUE	<0.5	

FATTY ACID PROFILE	ATTY ACID PROFILE RANGE %		
C-CHAIN	ACID NAME		
C16:0	Palmitic	6.0 - 8.0	
C16:1	Palmitoleic		<0.5
C18:0	STEARIC		3.0 - 6.0
C18:1	Oleic	12.0 – 28.0	
C18:2	Linoleic	60.0 – 76.0	
C18:3	Linolenic	< 0.5	
C20:0	ARACHIDIC	< 0.5	
DATE	ISSUED BY	VERSION	REASON FOR UPDATE
28/03/2023	M.R-L	2.0	CHANGES IN: SPECIFIC GRAVITY @ 20°C REFRACTIVE INDEX @ 20°C SAPONIFICATION VALUE UNSAPONIFIABLE MATTER PEROXIDE VALUE IODINE VALUE FATTY ACID PROFILE REMOVED: COLOUR LOVIBOND (51/4" CELL)

#### Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Grapeseed

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.

06/03/2023