



PRODUCT SPECIFICATION SHEET FOR GRAPE SEED OIL

GENERAL INFORMATION			
INCI Name	Vitis vinifera (Grape) Seed Oil		
Botanical source	<u>Vitis vinifera</u>		
Botanical family	Vitaceae		
Description	The Fixed Oil is Obtained by Cold Pressed Of <u>Vitis vinifera</u> Seeds		
Status	Conventional / Organic		
Part of Plant Used	Seeds		
Production Process	Cold Pressed		
Manufacturer	Pure Essential Oils & Herbs Co.		
REGULATORY INFORMATION			
FEMA	2342	EINECS	287-896-9
FDA	182.2	CAS EINECS	84929-27-1
CAS TCSA	8024-22-4	Product Code	PCP-03700
PHYSICAL PROPERTIES			
Appearance	Pale Yellow Liquid	Saponification (mg KOH/ g)	188 – 194
Odour/taste	Characteristic mild odor	Moisture	Max. 0.05%
Refractive index @20°C	1.473 – 1.477	Peroxide	<10
Density @20°C	0.918 – 0.924	Flash Point°C	> 100
Acid Value (Mg/ KOH/g)	Max. 0.6	Free Fatty Acid	Max. 1.0
Iodine value (g/100g)	134 – 144	Shelf Life	24 Months
Solubility	Insoluble in Water, Soluble in alcohol and fixed oils.		
Uses	Pharmaceutical Industries		
Fatty Acid Profile			
MYRISTIC C14:0	Max. 0.30	OLEIC C18:1	12.00 – 28.00
PALMITIC C16:0	5.50 – 11.00	LINOLEIC C18:2	65.00 – 78.00
PALMITOLEIC C16:1	Max. 1.20	LINOLENIC C18:3	Max. 1.00
STEARIC C18:0	3.00 – 6.00	ARACHIDIC C20:0	Max. 1.00
LIGNICERIC ACID C 24:0	Max. 0.10	GADOLEIC ACID C20:1	Max. 0.20
BEHENIC ACID C 22:0	Max. 0.170		

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use

Disclaimer:

The information contained in this specification is based on data considered to be accurate and reliable as at the date of the specification to the best of the supplier's knowledge and belief. It is user's obligation to determine the safe use of the product for its own applications or suitability for use since the conditions of use, handling, storage and disposal are beyond the supplier's control. The user should therefore take all necessary precautions to ensure the safe and suitable use of the product described in the specification

Dr. Emad Taha
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Approved by:	QA	Version:	24 Jan. 2020
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PURE ESSENTIAL OILS & HERBS CO.

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