



**CERTIFICATE of ANALYSIS**  
**Product: Grapeseed CP Virgin Organic**  
**INCI Name: Vitis Vinifera Seed Oil**  
**CAS No: 8024-22-4 EINECS No: 287-896-9**  
**Countries of Origin: EU**  
**Batch Code: 103632**

Test	Specification	Result
Appearance	Clear liquid	Conforms
Colour	Light yellow-green	Conforms
Odour	Characteristic	Conforms
Specific Gravity @ 20°C	0.915 - 0.921	0.919
Refractive index @ 20°C	1.473 - 1.477	1.474
Acid Value (mgKOH/g)	≤ 1.0	0.2
Peroxide Value (Meq/g)	≤ 3.0	1.0 (at time of production analysis)
Free Fatty Acid % as Oleic	≤ 0.5	0.1
Iodine value (mg/g)	134 - 144	138.0
Saponification value(mgKOH/g)	187 - 195	191.0
Unsaponifiable Matter (%)	≤ 2.0	0.5

Fatty Acid Profile (%)		
C16:0 Palmitic Acid	6.0 - 8.0	7.0
C16:1 Palmitoleic Acid	≤ 1.0	0.1
C18:0 Stearic Acid	3.0 - 6.0	3.5
C18:1 Oleic Acid	12.0 - 28.0	24.8
C18:2 Linoleic Acid	60.0 - 76.0	63.0
C18:3 Alpha Linolenic Acid	≤ 1.0	0.5

**Manufacture Date: Feb 2017**

**Best Before: Feb 2019**

Shelf life of this product depends very much on storage conditions, particularly temperature and exposure to light and air.

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## CERTIFICATE of ANALYSIS

Expiry date must be considered as subjective; the expiry date given here is based on the best of our knowledge and experience of the material when stored under recommended conditions in original unopened containers.

Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour or consistency. However, we ensure that this does not affect the quality and efficiency of the products in any way.

We hereby certify that the above material meets the required specification and is released for free sale.