

GRAPE SEED OIL
CERTIFICATE OF ANALYSIS
LOT#2141

CHARACTERISTICS	VALUE	SPECIFICATIONS	METHOD
Appearance	Pass	Clear oily liquid	
Color	Pass	Light yellow to green	
Relative density (20°C)	0.922	0.915 – 0.926	EP 5 (2.2. 5.)
Refractive index (20°C)	1.475	1.470 – 1.477	EP 5 (2.2. 6.)
Cold test (5°C/5,5 hrs)	Clear	Clear	NGD C24 - 1979
Chemical features:			
Acid value	0.1	Max. 2	EP 5 (2.5. 1.)
Free fatty acid as oleic	0.05	Max. 1	EP 5 (2.5. 1.)
Iodine value	138	123-143	EP 5 (2.5. 4.)
Peroxide value	0.5	Max. 10	EP 5 (2.5. 5.)
Saponification value	192	182-197	EP 5 (2.5. 6.)
Unsaponifiable matter	1.0	Max. 1.5	EP 5 (2.5. 7.)
Fatty acids composition: EP 5 (2.4.22.)			
Lauric acid C 12:0	0	0-0.5	
Myristic acid C 14:0	0.1	0-1.5	
Palmitic acid C 16:0	6.4	6.0 – 8.0	
Stearic acid C 18:0	3.7	2.0-5.5	
Oleic acid C 18:1	24.8	15.0-25.0	
Linoleic acid C 18:2	63.3	62.0-75.0	

The Chemistry Store

PO# 03182013

2 x 440.9 Lb Drums

Item# Grapseed Oil

Manufacture Date: 12/12

Expiration/Retest Date: 2 Years + *Expiration date is based on storage in sealed unopened drums at room temperature (approx. 68°F) under nitrogen blanket.

*Periodic retesting recommended.