

Certificate of Analysis

Product	GRAPESEED OIL
LOT #	11605-21
Manufacturing Date	10/2021
Shelf Life	3 years

Properties	Specifications	Results
FFA	≤ 1	0.05
Peroxide Value	≤ 10	0.3
Saponification Value		190
Iodine Value		136
Fatty Acid Profile (Area %)		
C16:0 Palmitic	5.5 – 11.0	7.0
C18:0 Stearic	≤ 6.0	3.7
C18:1 Oleic	12.0 – 28.0	27.1
C18:2 Linoleic	58.0 – 78.0	61.3
C18:3 Linolenic	≤ 1.0	0.1

This Certificate of Analysis was created by the manufacturer/distiller of the product. This information is believed to be up-to-date and correct; however, it is provided without any warranty. The customer is responsible for examining the product upon arrival and determining the safe use of the product in order to be in compliance with all applicable laws and regulations. The product must be stored in a cool, dry place away from direct light and heat, tightly sealed and away from children, the mentally infirm and pets. Essential oils shipped in amber plastic pharmaceutical grade bottles must be transferred to amber glass upon arrival, those shipped in aluminum bottles may be stored in such bottles for a minimum of 6 months, tightly sealed. All responsibility (including damage or injury) for the use of this and any other product purchased from Camden-Grey Essential Oils, Inc. rests with the purchaser/user. Camden-Grey's liability is limited to the paid value of this product.

Certificate of Analysis

Product	GRAPESEED OIL
LOT #	05604/21
Shelf Life	3 years
Expiration Date	05/2024

Properties	Specifications	Results
FFA	≤ 1	0.1
Peroxide Value	≤ 10	0.4
Saponification Value		191
Iodine Value		135
Fatty Acid Profile (Area %)		
C16:0 Palmitic	5.5 – 11.0	7.1
C18:0 Stearic	≤ 6.0	4.0
C18:1 Oleic	12.0 – 28.0	27.0
C18:2 Linoleic	58.0 – 78.0	60.1
C18:3 Linolenic	≤ 1.0	0.7

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Certificate of Analysis

Product	GRAPESEED OIL
LOT #	1135607
Shelf Life	2 years

Properties	Specifications	Results
Flavor/Aroma	Typical	Typical
Peroxide Value	0 – 10.0	0.89
Color (Lovibond) – Red	0 – 2.5	1.7
Moisture Content	0 – 0.1	0.005
Acid Value	0.0 – 2.0	0.18
Iodine Value	123 – 144	131.00
Saponification Value	182 – 197	193.00
Fatty Acid Profile (Area %)		
C16:0 Palmitic	5.5 – 11.0	6.80
C18:0 Stearic	2.0 – 6.0	3.94
C18:1 Oleic	12.0 - 28.0	25.45
C18:2 Linoleic	58.0 - 78.0	62.74
C18:3 Linolenic	0.0 – 1.0	0.28
Additives	NEG	NEG

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Certificate of Analysis

Product	GRAPESEED OIL
LOT #	02503/20
Shelf Life	3 years

Properties	Specifications	Results
FFA	≤ 1	0.1
Peroxide Value	≤ 10	0.8
Saponification Value		190
Iodine Value		136
Fatty Acid Profile (Area %)		
C16:0 Palmitic	5.5 – 11.0	8.0
C18:0 Stearic	≤ 6.0	3.2
C18:1 Oleic	12.0 – 28.0	26.3
C18:2 Linoleic	58.0 – 78.0	61.2
C18:3 Linolenic	≤ 1.0	0.3

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