

Certificate of Analysis

Product	SESAME OIL
Lot #	445561121
Date of Production	11/2021
Shelf Life	3 years

Properties	Specifications	Results
FFA (as oleic)	Max 1.0	0.06
Peroxide Value	Max 5.0	1.88
Iodine Value	103 - 120	113.57
Color Lovibond 5 ¼"	Max 3.0 R / 30 Y	1.9R / 15.0 Y
Density	0.915 – 0.925	0.919
Saponification Value	188 – 195	192.56
Moisture & Impurities	Max 0.15	0.01
Fatty Acid Profile (area %)		
C16:0 Palmitic Acid	7.0 – 12.0	9.90
C18:0 Stearic Acid	3.5 – 6.0	3.89
C18:1 Oleic Acid	35.0 – 50.0	39.74
C18:2 Linoleic Acid	35.0 – 50.0	44.33
C18:3 Linolenic	Max 1.0	0.79

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	SESAME OIL
Lot #	434220921
Date of Production	09/2021
Shelf Life	3 years

Properties	Specifications	Results
FFA (as oleic)	Max 1.0	0.05
Peroxide Value	Max 5.0	0.99
Iodine Value	103 - 120	111.55
Color Lovibond 5 ¼"	Max 3.0 R / 30 Y	2.0R / 15.0 Y
Density	0.915 – 0.925	0.919
Saponification Value	188 – 195	192.65
Moisture & Impurities	Max 0.15	0.01
Fatty Acid Profile (area %)		
C16:0 Palmitic Acid	7.0 – 12.0	8.96
C18:0 Stearic Acid	3.5 – 6.0	4.12
C18:1 Oleic Acid	35.0 – 50.0	41.68
C18:2 Linoleic Acid	35.0 – 50.0	42.83
C18:3 Linolenic	Max 1.0	0.35

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Certificate of Analysis

Product SESAME OIL
Lot # 1112801
Shelf Life 2 years

Properties	Specifications	Results
Flavor/Aroma	Typical	Complies
Free Fatty Acid	0 – 0.10	0.065
Peroxide Value (MEQ/KG)	0 – 3.0	1.20
Color (Lovibond) Red	0 – 2.5	1.6
Moisture Content	0 – 0.05	0.000
Iodine Value (CG/G)	104 - 120	109.21
Additives	POS - NEG	NEG
Saponification Value (MG/G)	186 – 195	192.00
Refractive Index	1.4715 – 1.4785	1.4723

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