

## Certificate of Analysis

<b>Product</b>	Olive oil, pomace
<b>LOT #</b>	2155177
<b>Date of Production</b>	12/2021
<b>Shelf Life</b>	3 years

Properties	Specifications	Results
Appearance	Clear Yellow liquid	Complies
<b>Chemical features</b>		
Acidity (Oleic acid)	Max 1.5	0.18
Peroxide Value	Max 5.0	<1
<b>Fatty Acid Composition</b>		
Palmitic Acid (C16:0)	7.0 – 20.0	12.3
Palmitoleic Acid (C16:1)	Max 3.5	1.08
Stearic Acid (C18:0)	0.5 – 5.0	2.51
Oleic Acid (C18:1)	56.0 – 85.0	70.03
Linoleic Acid (C18:2)	3.5 – 20.0	11.98
Linolenic Acid (C18:3)	Max 1.5	0.80

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

<b>Product</b>	Olive oil, pomace
<b>LOT #</b>	0402160622
<b>Shelf Life</b>	3 years

Properties	Specifications	Results
Appearance	Clear Yellow liquid	Complies
<b>Chemical features</b>		
Acidity (Oleic acid)	Max 1.5	0.2
Peroxide Value	Max 5.0	1.0
<b>Fatty Acid Composition</b>		
Palmitic Acid (C16:0)	7.0 – 20.0	11.3
Palmitoleic Acid (C16:1)	Max 3.5	1.0
Stearic Acid (C18:0)	0.5 – 5.0	3.2
Oleic Acid (C18:1)	56.0 – 85.0	72.0
Linoleic Acid (C18:2)	3.5 – 20.0	10.5
Linolenic Acid (C18:3)	Max 1.5	0.8

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## Certificate of Analysis

<b>Product</b>	Olive oil, pomace
<b>LOT #</b>	08203/20
<b>Shelf Life</b>	1.5 years

Properties	Specifications	Results
Appearance 20°C	Clear Yellow liquid	Complies
Odor	Almost odorless	Complies
Color	Max 60/5.0	36/2.3
Relative Density 25°C	0.910 – 0.916	0.912
Refractive Index 40°C	1.467 – 1.471	1.470
Heavy Metals	Max 0.1	Complies
Moisture	Max 0.1	Complies
<b>Chemical features</b>		
Acid value	Max 1.0	0.1
Iodine Value	75 – 94	86
Peroxide Value	Max 10.0	1.0
Saponification Value	184 – 196	190
Unsaponifiable matter	Max 1.5	0.5
<b>Fatty Acid Composition</b>		
Myristic Acid (C14:0)	Max 0.1	0.1
Palmitic Acid (C16:0)	7.5 – 20.0	13.3
Palmitoleic Acid (C16:1)	Max 3.5	0.9
Stearic Acid (C18:0)	0.5 – 5.0	2.6
Oleic Acid (C18:1)	55.0 – 85.0	70.5
Linoleic Acid (C18:2)	3.5 – 21.0	10.9
Linolenic Acid (C18:3)	Max 1.0	0.6
Arachidic Acid (C20:0)	Max 0.9	0.4
Behenic Acid (C22:0)	Max 0.5	0.2
Lignoceric Acid (C24:0)	Max 1.0	0.1
<b>Typical sterols compositions</b>		
Cholesterol	Max 0.5	0.1
Brassicasterol	Max 0.1	Traces
Campesterol	Max 4.0	3.7
Stigmasterol	Max 4.0	1.6
β-Sitosterol	75.0 – 95.0	90.8
Δ5-Avenasterol	Max 14.0	8.4
Δ7-Stigmasterol	Max 0.5	0.2

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