

Certificate of Analysis

Product	STEARIC ACID
Lot #	413B1220316D
Manufacture Date	03/2022
Best Before	03/2027

Properties	Specifications	Results
Iodine Value	0.5 Max	0.3
Acid value	207 – 214	210.3
Saponification value	208 – 215	211.3
Titer	53.5 – 56	55.4
Color (5 ¼" Lov. Cell) R	0.3 Max	0.1
Color (5 ¼" Lov. Cell) Y	3.0 Max	0.8
Fatty Acid Composition, %		
C12	1 max	Not Detected
C14	2 Max	0.3
C16	55 – 62	59.1
C18	38 – 42	39.8
C18;1	1 Max	0.1
C20	1 Max	0.5
Others	0.5 Max	0.3

This Certificate of Analysis was created by the manufacturer/distiller of this 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. 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.

Regarding 'Best Before' information: This is the date the distiller or manufacturer suggests as the 'best before date' up to which this product should be good and usable when stored in the manner described above. The 'Best Before' information does not mean the product is no longer usable or that it will self-destruct at midnight on the mentioned date. Actually, essential oils such as cedarwood, patchouli, vetiver and sandalwood have very long shelf lives and get better with age.



Certificate of Analysis

Product	STEARIC ACID
Lot #	413B1220316A
Manufacture Date	03/2022
Best Before	03/2027

Properties	Specifications	Results
Iodine Value	0.5 Max	0.2
Acid value	207 – 214	209.6
Saponification value	208 – 215	210.6
Titer	53.5 – 56	55.6
Color (5 ¼" Lov. Cell) R	0.3 Max	0.1
Color (5 ¼" Lov. Cell) Y	3.0 Max	0.8
Fatty Acid Composition, %		
C12	1 max	Not Detected
C14	2 Max	0.1
C16	55 – 62	59.0
C18	38 – 42	40.3
C18;1	1 Max	0.1
C20	1 Max	0.3
Others	0.5 Max	0.2

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Certificate of Analysis

Product	STEARIC ACID
Lot #	300119A
Shelf Life	3 years

Properties	Specifications	Results
Colour Lovidond 5.25"		
Red	0.2 max	0.1
Yellow	1.0 max	0.7
Iodine Value (gl ₂ /100g)	0.5 max	0.23
Acid Value (mgKOH/g)	207 – 211	209.42
Saponification Value (mgKOH/g)	208 – 212	210.66
Titer °C	54 – 56	55.4
Carbon Composition %		
C14	2 max	0.34
C16	53 – 62	58.54
C18	38 – 45	40.51
>C18	1 max	0.45
Other	0.5 max	0.17

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Certificate of Analysis

Product	STEARIC ACID
Lot #	230224
Shelf Life	3 years

Properties	Specifications	Results
Exterior	Flakes or Beads	Beads
Color, Hazen	≤ 60	23
Acid Value (mgKOH/g)	207 – 211	209.72
Saponification Value (mgKOH/g)	208 – 212	210.76
Iodine Value (gI ₂ /100g)	≤ 0.5	0.11
Moisture %	≤ 0.2	0.03
Melting Point °C	54 – 56	55.5
Fatty Acid Composition %		
C12+C14	2 Max	1.20
C16	53 – 62	56.38
C18	38 – 45	41.96
Other	0.5 Max	0.46
Conclusion		Pass

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Certificate of Analysis

Product	STEARIC ACID
Lot #	150319A
Shelf Life	3 years

Properties	Specifications	Results
Colour Lovidond 5.25"		
Red	0.2 max	0.1
Yellow	1.0 max	0.8
Iodine Value (gl ₂ /100g)	0.5 max	0.22
Acid Value (mgKOH/g)	207 – 211	209.26
Saponification Value (mgKOH/g)	208 – 212	210.59
Titer °C	54 – 56	55.1
Carbon Composition %		
C14	2 max	0.37
C16	53 – 62	58.77
C18	38 – 45	40.25
>C18	1 max	0.43
Other	0.5 max	0.18

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