

Product	SPRUCE ESSENTIAL OIL
Lot #	0017516
Manufacturing Date	01/2023
Best Before	01/2026
Properties	Specifications

Appearance	Liquid	Conform
Color	Colorless – Slightly Yellow	Conform
Odor	Characteristic	Conform
Specific Gravity @ 20°C	0.875 – 0.898	0.889
Refractive Index @ 20°C	1.460 -1.480	1.472
Optical Rotation	-60.0 to -38.0	-44.4

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.

Results

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.



Specific Gravity @ 20°C

Refractive Index @ 20°C

Optical Rotation

Product Lot #	SPRUCE ESSENTIAL OIL 0016476	
Manufacturing Date Shelf Life	09/2022 3 years	
Properties	Specifications	Results
Appearance Color Odor	Liquid Colorless – Slightly Yellow Characteristic	Conform Conform Conform

0.875 - 0.898

1.460 -1.480

-60.0 to -38.0

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.

0.889

1.470

-45.7



Product Lot # Manufacturing Date Shelf Life	SPRUCE ESSENTIAL OIL 0015977 07/2022 3 years		
Properties	Specifications	Results	
Appearance	Liquid	Conform	

Appearance	Liquiu	Comonn
Color	Colorless – Slightly Yellow	Conform
Odor	Characteristic	Conform
Specific Gravity @ 20°C	0.875 – 0.898	0.891
Refractive Index @ 20°C	1.460 -1.480	1.470
Optical Rotation	-60.0 to -38.0	-45.3



Odor

Product Lot #	SPRUCE ESSENTIAL OIL 0014347		
Manufacturing Date Shelf Life	02/2022 3 years		
Properties	Specifications	Results	
Appearance Color	Liquid Colorless – Slightly Yellow	Conform Conform	

Characteristic

Specific Gravity @ 20°C	0.875 – 0.898	0.890
Refractive Index @ 20°C	1.460 -1.480	1.472
Optical Rotation	-60.0 to -38.0	-43.0
up-to-date and correct; however, product upon arrival and determin regulations. The product must be children, the mentally infirm and transferred to amber glass upon a of 6 months, tightly sealed. All resp	it is provided without an ing the safe use of the pro- stored in a cool, dry place pets. Essential oils ship arrival, those shipped in a ponsibility (including damage	rer/distiller of the product. This information is believed to be by warranty. The customer is responsible for examining the oduct in order to be in compliance with all applicable laws and away from direct light and heat, tightly sealed and away from bed in amber plastic pharmaceutical grade bottles must be uminum bottles may be stored in such bottles for a minimum ge or injury) for the use of this and any other product purchased ser/user. Camden-Grey's liability is limited to the paid value of

Conform

this product.

www.camdengrey.com



Product Lot # Manufacturing Date Shelf Life	SPRUCE ESSENTIAL OIL 0012430 07/2021 3 years	
Properties	Specifications	Results
Appearance	Liquid	Conform

Appearance	Liquiu	Comonn
Color	Colorless – Slightly Yellow	Conform
Odor	Characteristic	Conform
Specific Gravity @ 20°C	0.875 – 0.898	0.891
Refractive Index @ 20°C	1.460 -1.480	1.470
Optical Rotation	-60.0 to -38.0	-45.8



Product Lot # Manufacturing Date Shelf Life	SPRUCE ESSENTIAL OIL 0013211 04/2021 3 years	
Properties	Specifications	Results
Appearance	Liquid	Conform
Appearance	Liquid	Comonn
Colour	Colorless – Slightly Yellow	Conform
Odour	Characteristic	Conform
Specific Gravity @ 20°C	0.875 – 0.898	0.891
Refractive Index @ 20°C	1.460 -1.480	1.470
Optical Rotation	-60.0 to -38.0	-45.8



Product	SPRUCE ESSENTIAL OIL
Lot #	0009501
Shelf Life	3 years

Properties	Specifications	Results
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Appearance	Liquid	Conform
Colour	Colorless – Slightly Yellow	Conform
Odour	Characteristic	Conform
Specific Gravity @ 20°C	0.875 – 0.898	0.890
Refractive Index @ 20°C	1.460 -1.480	1.469
Optical Rotation	-60.0 to -38.0	-44.9
Optical Rotation	-60.0 to -38.0	-44.9



Product	SPRUCE ESSENTIAL OIL
Lot #	4986514
Shelf Life	

Properties	Specifications	Results	
Odor	Characteristic	Conform	
Optical Rotation		-17.6 deg.	
Refractive Index @ 20 C		1.469	
Specific Gravity @ 25 C		0.896	