



## Certificate of Analysis

**Product** EUCALYPTUS ESSENTIAL OIL  
**Lot #** 2020041  
**Shelf Life** 3 years

Properties	Specifications	Results
Appearance	Liquid	Conform
Color	Colorless	Conform
Odor	Characteristic	Conform
Specific Gravity @ 20°C		0.911
Refractive Index @ 20°C		1.4606
Optical Rotation @ 20°C		+ 1.799 <sup>0</sup>
1.8-cineol %		80.6

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** EUCALYPTUS ESSENTIAL OIL  
**Lot #** 2022037  
**Shelf Life** 3 years

Properties	Specifications	Results
Appearance	Liquid	Conform
Color	Colorless	Conform
Odor	Characteristic	Conform
Specific Gravity @ 20°C		0.912
Refractive Index @ 20°C		1.463
Optical Rotation @ 20°C		+ 2.25°
1.8-cineol %		80.3

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## Certificate of Analysis

**Product** EUCALYPTUS ESSENTIAL OIL  
**Lot #** 2027031  
**Shelf Life** 3 years

Properties	Specifications	Results
Appearance	Limpid Liquid	Conform
Color	Colorless	Conform
Odor	Characteristic	Conform
Specific Gravity 20 <sup>o</sup> C	0.906 – 0.925	0.911
Refractive Index 20 <sup>o</sup> C	1.458 – 1.465	1.459
Optical Rotation	≤ 10	3.2
Alcohol Solubility 70	≤ 5	3
1.8 Cineol	80 – 100	80.3
Alpha Pinene	0.001 – 12	1.9
Globulol	≤ 0.001	0
Limonene	2 - 15	9.8
Paracymene	1 – 10	4
Trans Pinocarveol	0.001 – 6	<0.1
Analysis GC		Conform

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## Certificate of Analysis

<b>Product</b>	EUCALYPTUS ESSENTIAL OIL
<b>Lot #</b>	1909071
<b>Shelf Life</b>	3 years

		Results
Appearance	Limpid Liquid	Conform
Color	Colorless	Conform
Odor	Characteristic	Conform
Specific Gravity 20 <sup>o</sup> C	≤ 10	3.5
Refractive Index 20 <sup>o</sup> C	≤ 5	4
Optical Rotation	0.906 – 0.927	0.909
Alcohol Solubility 70	1.458 – 1.470	1.461
1.8 Cineol	1 – 10	1.4
Alpha Pinene	0.001 – 6	0.001
Globulol	≤ 0.001	0.001
Limonene	0.001 - 12	0.3
Paracymene	80 – 100	80.9
Trans Pinocarveol	2 – 15	7.7
Analysis GC		Conform

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