



## Certificate of Analysis

**Product** BLOOD ORANGE ESSENTIAL OIL  
**Lot #** 2128102  
**Shelf Life** 1 year

Properties	Specifications	Results
Appearance	Liquid	Conform
Odor	Characteristic	Conform
Specific Gravity 20 °C		0.85
Refractive Index 20 °C		1.47

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>	BLOOD ORANGE ESSENTIAL OIL
<b>Lot #</b>	MD99454
<b>Manufacturing Date</b>	Dec 2021
<b>Shelf Life</b>	1 year

Properties	Specifications	Results
Appearance	Liquid	Conform
Odor	Characteristic	Conform
Taste		Conforms to standard
Aldehyde	$\geq 0.80 \leq 1.65$	0.98
Optical Rotation	$\geq +90 \leq +99$	+96.16
Refractive Index 20 °C	$\geq 1.4720 \leq 1.4800$	1.4743
Specific Gravity 20 °C	$\geq 0.8520 \leq 0.8450$	0.8485
Specific Gravity 25 °C	$\geq 0.8420 \leq 0.8490$	0.8455
Flash Point		112/ 44

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## Certificate of Analysis

<b>Product</b>	BLOOD ORANGE ESSENTIAL OIL
<b>Lot #</b>	2016102
<b>Shelf Life</b>	1 year

Properties	Specifications	Results
Appearance	Liquid	Conform
Odor	Characteristic	Conform
Specific Gravity 20 °C		0.850
Refractive Index 20 °C		1.470
Optical Rotation		+98.40
D-Limonene % GC		+95.00

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## Certificate of Analysis

**Product** BLOOD ORANGE ESSENTIAL OIL  
**Lot #** 2004061  
**Shelf Life** 1 year

Properties	Specifications	Results
Appearance	Liquid	Conform
Odor	Characteristic	Conform
Specific Gravity 20 °C		0.851
Refractive Index 20 °C		1.473

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