



## Certificate of Analysis

|                   |                             |
|-------------------|-----------------------------|
| <b>Product</b>    | CINNAMON LEAF ESSENTIAL OIL |
| <b>Lot #</b>      | 15048724                    |
| <b>Shelf Life</b> | 1 year                      |

| Properties                   | Specifications  | Results |
|------------------------------|-----------------|---------|
| Appearance                   | Liquid          | Conform |
| Color                        | Light Brown     | Conform |
| Odor                         | Characteristic  | Conform |
| Refractive Index 20 °C       | 1.5300 – 1.5400 | 1.5321  |
| Refractive Index 25 °C       | 1.5270 – 1.5340 | 1.5301  |
| Specific Gravity 20/20° C    | 1.0370 – 1.0530 | 1.0460  |
| Specific Gravity 25/25° C    | 1.0380 – 1.0465 | 1.0428  |
| Flash Point ° F (Closed Cup) | 190             | Conform |

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.

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| <b>Product</b>    | CINNAMON LEAF ESSENTIAL OIL |
| <b>Lot #</b>      | C34206                      |
| <b>Shelf Life</b> | 2 years                     |

| Properties             | Specifications  | Results |
|------------------------|-----------------|---------|
| Appearance             | Liquid          | Conform |
| Color                  |                 | Conform |
| Odor                   | Characteristic  | Conform |
| Refractive Index 20 °C | 1.5290 – 1.5370 | 1.5324  |
| Specific Gravity 25° C | 1.0300 – 1.0500 | 1.0425  |
| Specific Gravity 25° C | 1.0330 – 1.0530 | 1.0455  |
| Flash Point ° F        | 190 F / 88 C    | Conform |

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| <b>Product</b>    | CINNAMON LEAF ESSENTIAL OIL |
| <b>Lot #</b>      | 1818123                     |
| <b>Shelf Life</b> | 3 years                     |

| Properties                         | Specifications | Results |
|------------------------------------|----------------|---------|
| Appearance                         | Liquid         | Conform |
| Color                              | Light Yellow   | Conform |
| Odor                               | Characteristic | Conform |
| Specific Gravity 20 <sup>o</sup> C | 1.037 – 1.053  | 1.048   |
| Refractive Index 20 <sup>o</sup> C | 1.527 – 1.540  | 1.534   |
| Optical Rotation                   | -2.5 – -2      | 0.6     |
| Alcohol Solubility 70 <sup>o</sup> |                | 2       |

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|                   |                             |
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| <b>Product</b>    | CINNAMON LEAF ESSENTIAL OIL |
| <b>Lot #</b>      | 01004582                    |
| <b>Shelf Life</b> | 1.5 years                   |

| Properties                   | Specifications  | Results |
|------------------------------|-----------------|---------|
| Appearance                   | Liquid          | Conform |
| Color                        | Light Brown     | Conform |
| Odor                         | Characteristic  | Conform |
| Refractive Index 20 °C       | 1.5300 – 1.5400 | 1.5320  |
| Refractive Index 25 °C       | 1.5270 – 1.5340 | 1.5299  |
| Specific Gravity 20/20° C    | 1.0370 – 1.0530 | 1.0446  |
| Specific Gravity 25/25° C    | 1.0380 – 1.0465 | 1.0414  |
| Flash Point ° F (Closed Cup) | 190             | Conform |

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## Certificate of Analysis

**Product** CINNAMON LEAF ESSENTIAL OIL  
**Lot #** 2003032  
**Shelf Life** 3 years

| Properties                         | Specifications | Results              |
|------------------------------------|----------------|----------------------|
| Appearance                         | Liquid         | Conforms             |
| Odor                               | Characteristic | Conforms to Standard |
| Color                              | Light Yellow   | Conforms             |
| Specific Gravity 20 <sup>o</sup> C | 1.037 – 1.053  | 1.048                |
| Refractive Index 20 <sup>o</sup> C | 1.527 – 1.540  | 1.534                |
| Optical Rotation                   | -2.5 to 2      | 0.6                  |
| Alcohol Solubility 70 <sup>o</sup> |                | 2                    |

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