



Certificate of Analysis

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|--------------------|------------------------------|
| Product | FENNEL, SWEET, ESSENTIAL OIL |
| Lot # | B-92038 |
| MFG Date | 10/2022 |
| Best Before | 10/2024 |

| Properties | Specifications | Results |
|----------------------|--------------------|---------------------|
| Appearance | Pale yellow liquid | Conform to standard |
| Analysis by GC | | Conform to standard |
| Odor | | Conform to standard |
| Refractive Index @20 | | 1.5440 |
| Specific Gravity @25 | | 0.9740 |

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 FENNEL, SWEET, ESSENTIAL OIL
Lot # 2017082
Shelf Life 3 years

| Properties | Specifications | Results |
|--------------------------|----------------|---------|
| Appearance | Liquid | Conform |
| Specific Gravity @ 20° C | | 0.9612 |
| Refractive Index @ 20° C | | 1.5347 |
| Optical Rotation @ 20° C | | +19.8° |
| Fenchone content | | 10.3 |

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Certificate of Analysis

| | |
|-------------------|------------------------------|
| Product | FENNEL, SWEET, ESSENTIAL OIL |
| Lot # | MD85169 |
| Shelf Life | 2 years |

| Properties | Specifications | Results |
|--------------------------|-----------------|----------------------|
| Anethole | >70 | 73.80 |
| Optical Rotation | ≥ +12 ≤+24 | +17.60 |
| Refractive Index @20 C | ≥1.5320 ≤1.5430 | 1.5376 |
| Specific Gravity @20 C | ≥0.9560 ≤0.9760 | 0.9561 |
| Specific Gravity @25 C | ≥0.9530 ≤0.9730 | 0.9531 |
| Flash Point | | 145 °F / 63 °C |
| Other Information | | |
| Appearance | | Conforms to standard |
| Aroma | | Conforms to standard |
| Color | | Conforms to standard |

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