

# Clove Bud Essential Oil

*Syzygium aromaticum*

Essential Oil

|                                          |                                      |                                   |                                   |
|------------------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|
| DISTILLATION DATE<br><b>May 29, 2024</b> | EXTRACTION<br><b>Steam Distilled</b> | CULTIVATION<br><b>Wildcrafted</b> | COUNTRY OF ORIGIN<br><b>India</b> |
|------------------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|

| TOP 5 COMPONENTS |               | of 54 measured |
|------------------|---------------|----------------|
| eugenol          | Phenol        | <b>68.57%</b>  |
| eugenyl acetate  | Ester         | <b>13.52%</b>  |
| β-caryophyllene  | Sesquiterpene | <b>9.50%</b>   |
| α-caryophyllene  | Sesquiterpene | <b>1.83%</b>   |
| α-copaene        | Sesquiterpene | <b>0.79%</b>   |

Full composition · 54 components across 12 families

|                      |               |
|----------------------|---------------|
| <b>Phenol</b>        | <b>69.17%</b> |
| eugenol              | 68.57%        |
| chavicol             | 0.60%         |
| <b>Ester</b>         | <b>13.65%</b> |
| eugenyl acetate      | 13.52%        |
| methyl salicylate    | 0.09%         |
| linalyl acetate      | 0.04%         |
| <b>Sesquiterpene</b> | <b>13.22%</b> |
| β-caryophyllene      | 9.50%         |
| α-caryophyllene      | 1.83%         |
| α-copaene            | 0.79%         |

Every batch is GC-MS tested by an independent lab. This report is provided for full transparency by Aromatics International.

 Verify this batch: [data.aromatics.com/products/clove-bud-essential-oil#batch=CLB-116](https://data.aromatics.com/products/clove-bud-essential-oil#batch=CLB-116)

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|                         |              |
|-------------------------|--------------|
| (Z)-cadina-1(6),4-diene | 0.25%        |
| γ-muurolene             | 0.14%        |
| (E)-cadina-1,4-diene    | 0.11%        |
| γ-cadinene              | 0.08%        |
| isocaryophyllene        | 0.07%        |
| (E,E)-α-farnesene       | 0.07%        |
| allo-aromadendrene      | 0.06%        |
| α-cubebene              | 0.05%        |
| β-selinene              | 0.05%        |
| α-selinene              | 0.04%        |
| α-calacorene            | 0.04%        |
| α-amorphene             | 0.03%        |
| β-cadinene              | 0.03%        |
| α-cadinene              | 0.03%        |
| β-elemene               | 0.02%        |
| β-gurjunene             | 0.01%        |
| (E)-α-bergamotene       | 0.01%        |
| dauca-5,8-diene         | 0.01%        |
| <b>Sesquiterpenol</b>   | <b>1.03%</b> |
| 1,10-epi-cubenol        | 0.25%        |
| pogostol                | 0.22%        |
| globulol                | 0.12%        |
| epi-cubenol             | 0.11%        |
| α-muurolol              | 0.10%        |
| widdrol                 | 0.08%        |
| α-cadinol               | 0.07%        |
| α-muurolol              | 0.06%        |
| gleenol                 | 0.02%        |

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|                            |              |
|----------------------------|--------------|
| <b>Oxide</b>               | <b>1.00%</b> |
| caryophyllene oxide        | 0.77%        |
| allo-aromadendrene epoxide | 0.14%        |
| humulene epoxide 2         | 0.09%        |
| <b>Aldehyde</b>            | <b>0.26%</b> |
| furfural                   | 0.26%        |
| <b>Ether</b>               | <b>0.20%</b> |
| (E)-isoeugenol             | 0.20%        |
| <b>Monoterpenol</b>        | <b>0.10%</b> |
| linalool                   | 0.05%        |
| $\alpha$ -terpineol        | 0.02%        |
| nerol                      | 0.02%        |
| terpinen-4-ol              | 0.01%        |
| <b>Monoterpene</b>         | <b>0.09%</b> |
| $\alpha$ -pinene           | 0.06%        |
| limonene (d)               | 0.02%        |
| $\beta$ -pinene            | 0.01%        |
| <b>Other</b>               | <b>0.08%</b> |
| 5-methylfurfural           | 0.06%        |
| (Z)-isoeugenol             | 0.02%        |
| <b>Ketone</b>              | <b>0.07%</b> |
| carvone                    | 0.04%        |
| 2-heptanone                | 0.01%        |
| 6-methyl-5-hepten-2-one    | 0.01%        |
| 2-nonanone                 | 0.01%        |
| <b>Furan</b>               | <b>0.01%</b> |
| perillene                  | 0.01%        |

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