

# Blue Cypress Essential Oil

*Callitris intratropica*

Essential Oil

|                                              |                                      |                                         |                                       |
|----------------------------------------------|--------------------------------------|-----------------------------------------|---------------------------------------|
| DISTILLATION DATE<br><b>January 21, 2025</b> | EXTRACTION<br><b>Steam Distilled</b> | CULTIVATION<br><b>Organically Grown</b> | COUNTRY OF ORIGIN<br><b>Australia</b> |
|----------------------------------------------|--------------------------------------|-----------------------------------------|---------------------------------------|

| TOP 5 COMPONENTS           |                | of 79 measured |
|----------------------------|----------------|----------------|
| <b>α-eudesmol</b>          | Sesquiterpenol | <b>13.77%</b>  |
| <b>guaiol</b>              | Sesquiterpenol | <b>13.07%</b>  |
| <b>dihydrocolumellarin</b> | Other          | <b>10.64%</b>  |
| <b>bulnesol</b>            | Sesquiterpenol | <b>10.36%</b>  |
| <b>γ-eudesmol</b>          | Sesquiterpenol | <b>9.20%</b>   |

Full composition · 79 components across 11 families

|                       |               |
|-----------------------|---------------|
| <b>Sesquiterpenol</b> | <b>51.76%</b> |
| α-eudesmol            | 13.77%        |
| guaiol                | 13.07%        |
| bulnesol              | 10.36%        |
| γ-eudesmol            | 9.20%         |
| β-costol              | 1.96%         |
| elemol                | 1.68%         |
| α-bisabolol           | 0.51%         |
| globulol              | 0.32%         |
| rosifoliol            | 0.24%         |
| hinesol               | 0.23%         |

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

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|                               |               |
|-------------------------------|---------------|
| maaliol                       | 0.18%         |
| gleenol                       | 0.10%         |
| 10-epi- $\gamma$ -eudesmol    | 0.09%         |
| spathulenol                   | 0.04%         |
| (E)-myrtanol                  | 0.01%         |
| <b>Other</b>                  | <b>18.56%</b> |
| dihydrocolumellarin           | 10.64%        |
| $\gamma$ -costol              | 2.87%         |
| $\alpha$ -costol              | 1.93%         |
| callitrin                     | 1.09%         |
| columellarin                  | 1.08%         |
| uk                            | 0.58%         |
| epi-zizanone                  | 0.20%         |
| dehydro-p-cymene              | 0.07%         |
| 13.40 nonen-1-ol<2z->         | 0.03%         |
| 4-epi-cisdihydroagarofuran    | 0.02%         |
| 28.51 guaiene<cis- $\beta$ -> | 0.02%         |
| chamazulene                   | 0.02%         |
| kessane                       | 0.01%         |
| <b>Sesquiterpene</b>          | <b>14.82%</b> |
| $\beta$ -selinene             | 2.93%         |
| $\gamma$ -selinene            | 2.61%         |
| $\alpha$ -selinene            | 2.35%         |
| guaiazulene                   | 1.64%         |
| germacrene D                  | 1.37%         |
| $\beta$ -elemene              | 1.00%         |
| valencene                     | 0.75%         |
| $\alpha$ -cubebene            | 0.51%         |
| $\alpha$ -guaiene             | 0.45%         |

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|                            |              |
|----------------------------|--------------|
| germacrene B               | 0.31%        |
| $\delta$ -guaiene          | 0.19%        |
| sativene                   | 0.19%        |
| selina-3,7(11)-diene       | 0.19%        |
| $\alpha$ -caryophyllene    | 0.13%        |
| $\beta$ -patchoulene       | 0.07%        |
| $\beta$ -caryophyllene     | 0.07%        |
| $\beta$ -barbatene         | 0.04%        |
| thujopsene                 | 0.02%        |
| <b>Diterpene</b>           | <b>1.93%</b> |
| cembrene                   | 1.93%        |
| <b>Ester</b>               | <b>1.60%</b> |
| callitrisin                | 0.69%        |
| $\alpha$ -terpinyl acetate | 0.60%        |
| dihydrocallitrisin         | 0.27%        |
| methyl myrtenate           | 0.02%        |
| (Z)-muurola-3,5-diene      | 0.02%        |
| <b>Monoterpene</b>         | <b>1.03%</b> |
| $\alpha$ -pinene           | 0.49%        |
| $\delta$ -3-carene         | 0.22%        |
| limonene (d)               | 0.11%        |
| o-cymene                   | 0.05%        |
| camphene                   | 0.04%        |
| m-cymene                   | 0.04%        |
| tricyclene                 | 0.04%        |
| terpinolene                | 0.02%        |
| $\beta$ -pinene            | 0.01%        |
| $\alpha$ -fenchene         | 0.01%        |

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|                               |              |
|-------------------------------|--------------|
| <b>Oxide</b>                  | <b>0.92%</b> |
| allo-aromadendrene epoxide    | 0.86%        |
| manool oxide                  | 0.03%        |
| 1,8-cineole                   | 0.03%        |
| <b>Monoterpenol</b>           | <b>0.42%</b> |
| $\alpha$ -terpineol           | 0.21%        |
| borneol                       | 0.09%        |
| (E)-pinocarveol               | 0.09%        |
| terpinen-4-ol                 | 0.02%        |
| fenchol                       | 0.01%        |
| <b>Ketone</b>                 | <b>0.23%</b> |
| verbenone                     | 0.15%        |
| pinocamphone                  | 0.04%        |
| isopinocamphone               | 0.02%        |
| thuja-2,4(10)-diene           | 0.01%        |
| pinocarvone                   | 0.01%        |
| <b>Aldehyde</b>               | <b>0.10%</b> |
| myrtenal                      | 0.06%        |
| furfural                      | 0.02%        |
| $\alpha$ -campholene aldehyde | 0.02%        |
| <b>Phenol</b>                 | <b>0.02%</b> |
| carvacrol                     | 0.02%        |

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| SPECIFIC GRAVITY @20°C<br><b>0.988</b> | REFRACTIVE INDEX @20°C<br><b>1.507</b> | OPTICAL ROTATION @20°C<br><b>13.69</b> |
|----------------------------------------|----------------------------------------|----------------------------------------|

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