

# Siberian Fir Essential Oil

*Abies sibirica*

Essential Oil

|                                                |                                      |                                   |                                    |
|------------------------------------------------|--------------------------------------|-----------------------------------|------------------------------------|
| DISTILLATION DATE<br><b>September 26, 2024</b> | EXTRACTION<br><b>Steam Distilled</b> | CULTIVATION<br><b>Wildcrafted</b> | COUNTRY OF ORIGIN<br><b>Russia</b> |
|------------------------------------------------|--------------------------------------|-----------------------------------|------------------------------------|

| TOP 5 COMPONENTS |             | of 20 measured |
|------------------|-------------|----------------|
| bornyl acetate   | Ester       | 26.35%         |
| camphene         | Monoterpene | 22.55%         |
| δ-3-carene       | Monoterpene | 13.34%         |
| α-pinene         | Monoterpene | 12.76%         |
| limonene (I)     | Monoterpene | 4.74%          |

Full composition · 20 components across 7 families

|                    |               |
|--------------------|---------------|
| <b>Monoterpene</b> | <b>66.03%</b> |
| camphene           | 22.55%        |
| δ-3-carene         | 13.34%        |
| α-pinene           | 12.76%        |
| limonene (I)       | 4.74%         |
| β-phellandrene     | 3.49%         |
| santene            | 2.65%         |
| tricyclene         | 2.27%         |
| β-pinene           | 2.20%         |
| terpinolene        | 1.20%         |
| β-myrcene          | 0.63%         |

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/siberian-fir-essential-oil#batch=PNE-123](https://data.aromatics.com/products/siberian-fir-essential-oil#batch=PNE-123)

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|                       |               |
|-----------------------|---------------|
| α-phellandrene        | 0.20%         |
| <b>Ester</b>          | <b>26.35%</b> |
| bornyl acetate        | 26.35%        |
| <b>Sesquiterpene</b>  | <b>2.27%</b>  |
| β-caryophyllene       | 1.31%         |
| α-caryophyllene       | 0.75%         |
| β-bisabolene          | 0.21%         |
| <b>Monoterpenol</b>   | <b>1.66%</b>  |
| borneol               | 1.46%         |
| α-terpineol           | 0.20%         |
| <b>Ketone</b>         | <b>0.27%</b>  |
| camphor               | 0.27%         |
| <b>Aldehyde</b>       | <b>0.17%</b>  |
| dodecanal             | 0.17%         |
| <b>Sesquiterpenol</b> | <b>0.15%</b>  |
| α-bisabolol           | 0.15%         |

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| SPECIFIC GRAVITY @20°C<br><b>0.9037</b> | REFRACTIVE INDEX @20°C<br><b>1.46672</b> |
|-----------------------------------------|------------------------------------------|

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