



CANADIAN NATURALS

# Fir Balsam Oil

*Abies balsamea* - Canada



## DESCRIPTION

Balsam Fir essential oil is sourced from the northeastern part of Canada. The tree's range extends from Newfoundland and Labrador westward through the more northerly portions of Quebec and Ontario. This oil is obtained from the needles and twigs of the *Abies balsamea* tree through steam distillation. It is a pale yellow liquid with a typical coniferous, fresh and fruity terpenic scent.

## OLFACTIVE PROFILE

Coniferous scent, sweet, and fruity.



Coniferous



Fruity

## FLAVOR PROFILE

Fresh and medicinal.

## DETAILS

### Botany:

*Abies balsamea*, is a small to medium-sized evergreen coniferous member of the Pinaceae family. It can reach heights between 15 to 23 meters topped with a dense crown. The twigs are smooth, the needles are arranged spirally around the sprout. Balsamea Fir is monoecious, both male and female cones occur on the top branches of the tree. It is popular as a Christmas tree for its intense and rich scent.

### Ethnobotany:

This tree is known as the Real Tree of Peace which was referenced in many historical stories from the early colonies. Indigenous tribes made extensive use of the Balsam tree to treat a wide variety of ailments including heart disease, colds, kidney pain, rheumatic joints, and cough.

### Uses:

Applications include fine fragrance, cosmetics, flavour/food, and aromatherapy.



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# TECHNICAL SHEET

**Botanical name:** *Abies balsamea*

**Botanical family:** Pinaceae

**Accepted synonyms:** Canada Balsam, Annedda

**Common names:** Fir needle oil, Balsam Fir, Fir tree

**Origin:** Northeastern Canada, Quebec

**Source:** Canada

**Cultivation method:** Cultivated and Wild harvested

**Harvest period:** April to October

**Plant part used:** Needles and twigs

**Method of extraction:** Steam distillation

**Main components:**  $\alpha$ -Pinene,  $\delta$ -3-Carene,  $\beta$ -Pinene, Myrcene, *l*-Bornyl acetate

**CAS:** 8024-15-5 / 85085-34-3

**INCI:** Abies balsamea needle oil

**FEMA:** 2114

**EC:** 285-364-0

**Appearance:** Pale yellow liquid with a characteristic odor

## Certifications and Declarations:



- Certificate of Analysis
- Safety Data Sheet
- Food Grade Statement
- Natural Statement
- Origin Statement
- GMO-Free
- Allergen
- Prop 65

## SOURCES

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