



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 west 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 that was quoted in many historical stories from the early colonies. Native tribes made extensive use of the Balsam tree to treat a wide variety of ailments including heart disease, colds, kidney pains, rheumatic joints and cough.

Uses:

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

TECHNICAL SHEET

Botanical name: *Abies balsamea*

Botanical family: Pinaceae

Accepted synonyms: Canada Balsam, Annedda

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

Origin: Northeast 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: α -Pinene, δ -3-Carene, β -Pinene, Myrcene, *l*-Bornyl Acetate

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

INCI: Abies balsamea needles oil

FEMA: 2114

EC: 290-370-1

Appearance: Pale yellow liquid with a characteristic odor

Certifications and Declarations:



- Certificate of Analysis
- SDS
- Food Grade
- Pure & Natural

- Origin Statement
- GMO Free
- Allergen
- Prop 65

SOURCES

Native American ethnobotany, from Daniel Moerman (1998), (I.book 2014)

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