



CANADIAN NATURALS

White Pine Oil

Pinus strobus - Canada



DESCRIPTION

Eastern white pine essential oil is sourced from the northeastern part of Canada, throughout the Great Lakes region. This oil is obtained from the needles and twigs of the *Pinus strobus* tree through steam distillation. It is a colorless to pale yellow liquid with a resinous scent, fresh and almost lemony.

OLFACTIVE PROFILE

Woody, fresh, green, sharp.



Woody



Fresh

FLAVOR PROFILE

Food grade.



DETAILS

Botany:

Pinus strobus, is an evergreen coniferous member of Pinaceae family. It can reach heights between 70 to 80 meters. The needles are in fascicles of 5 with a deciduous sheath, they are flexible, bluish-green, finely separated and 5 to 13 cm long. It is popular as a Christmas tree since it holds its needles well, even long after being harvested.

Ethnobotany:

This tree is known to the Native American Iroquois as the Tree of Peace. It is known as Weymouth Pine after George Weymouth brought it in 1620 to England. During the age of sailing ships, they were reserved for the British Royal Navy. Only one percent of the old-growth forests remain after the extensive logging operations that existed from the 18th to the 20th century.

Uses:

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

TECHNICAL SHEET

Botanical name: *Pinus strobus*

Botanical family: Pinaceae

Accepted synonyms: Eastern White Pine, Weymouth Pine, Tree of Peace, Soft Pine

Common names: White Pine

Origin: Northeastern Canada, Quebec

Source: Canada

Cultivation method: Wild harvested

Harvest period: April to January

Plant part used: Needles and twigs

Method of extraction: Steam distillation

Main components: α -Pinene, β -Pinene, Myrcene, *l*-Limonene

CAS: 8002-09-3

INCI: Pinus strobus needle oil

FEMA:

EC: 290-370-1

Appearance: Colorless to pale yellow liquid with a characteristic odor

Certifications and Declarations:



- Certificate of Analysis
- SDS
- Food Grade
- Pure & Natural
- Origin Statement
- GMO Free
- Allergen
- No Animal Testing
- Prop 65

SOURCES

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

Retrieved from the integrated taxonomic Information system

La flore Laurentienne, Marie Victorin (2002)

Field guide to Eastern Forest North America, from John Kricher (2006)

Field guide to Eastern trees, from Georges A. Petrides (1998)

NAET Database, 2003. Native American Ethnobotany Database, Michigan, MI, USA. (<http://naeb.brit.org/>).

Retrieved 10-02-2018 from the Integrated Taxonomic Information System (ITIS), (<http://www.itis.gov>).

USDA, NRCS. 2019. The PLANTS Database (<http://plants.usda.gov>, 29 January 2019). National Plant Data Team, Greensboro, NC 27401-4901 USA.



cedarome
nature serving the senses