



CANADIAN NATURALS

## Red Pine Oil

*Pinus resinosa* - Canada



### DESCRIPTION

Red Pine essential oil is sourced from the Canadian Boreal forests. It is obtained from the needles and twigs of the *Pinus resinosa* tree through steam distillation. It is a colorless to pale yellow liquid with a typical conifer scent.

### OLFACTIVE PROFILE

Woody, green with a balsamic undertone, warm resinous aroma, lightly camphoric.



Woody



Green

### FLAVOR PROFILE

Fresh and medicinal.



### DETAILS

#### Botany:

*Pinus resinosa*, commonly known as red pine, is a conical, straight-trunked, evergreen conifer. It typically grows to 35 meters in height, its bark is a light color, its branches grow spreading and ascending, its twigs are colored from orange to reddish-brown, needles are straight to slightly twisted. It is a member of the Pinaceae family and botanically classified as a conifer.

#### Ethnobotany:

Native Americans traditionally employed it for numerous uses, including the resin for caulking canoes and mending roofs, however, it was mostly used for medicinal purposes. It was the most important timber pine in the Great Lakes region and remains one of the most extensively planted species in the northern United States and Canada.

#### Uses:

Its turpentine content makes it an essential choice for household products, especially those intended for the maintenance of wood. In a circular economy approach, Cedarome uses the twigs and the needles left behind as byproducts of the timber industry as a primary source for the production of *Pinus resinosa* essential oil. Applications include fine fragrance, flavour/food, cosmetics and aromatherapy.

# TECHNICAL SHEET

**Botanical name:** *Pinus resinosa*

**Botanical family:** Pinaceae

**Accepted synonyms:** Red Pine, Norway Pine

**Common names:** Red Pine

**Origin:** Northeastern North America

**Source:** Canada

**Cultivation method:** Wild harvested

**Harvest period:** May to October

**Plant part used:** Needles and twigs

**Method of extraction:** Steam distillation

**Main components:**  $\alpha$ -Pinene,  $\beta$ -Pinene, Myrcene, *l*-Limonene

**CAS:** 8052-14-0

**INCI:** Pinus resinosa needle oil

**FEMA:**

**EC:** 290-370-1

**Appearance:** Colorless to pale yellow liquid with a scent specific to conifers

## Certifications and Declarations:



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

## SOURCES

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nature serving the senses