

Datapharm Bio

From soil to oil

Product Specification

Product: **Pine oil**
Botanical name **Pinus sylvestris**
CAS 8002-09-3
Appearance: Light yellow to yellow-green liquid
Odour: Characteristic pine, balsamically fresh.
Solubility: Insoluble in water.

Properties

Range

Specific Gravity:	0.864 - 0.871
Refractive Index:	1.4725 - 1.4765
Optical rotation:	-19.00 - 25.00
Melting point	5 grad C
Boiling point	195 grad C
Flash point	42 grad C
Acid number, mg KOH/g	max 1.0
Ester value mg KOH/g	5-15

Main constituents :

Alpha-Pinene: 30.0 % - 55.0 %

Beta-Pinene:	15 % - 30.0 %
Alpha Muurolen	0.3%-12.4%
Bornyl acethate :	1.1.0 % - 7.50 %

GMO DECLARATION The product (and all its constitutive components) are not derived from or produced using GMOs or their derivatives, and that all reasonable steps have been taken to avoid contamination from GMOs or their derivatives.

ANIMAL TESTING DECLARATION We do not commission any form of animal testing from a third party. We operate a fixed cut-off date for animal testing and ingredients, which means we will not use any ingredient that has been tested or retested on animals for cosmetics purposes since January 1, 2006

VEGAN STATUS We confirm Rose Absolute is free from animal or animal derived ingredients.

LIMIT OF LIABILITY

Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived there from.

QC Manager

Nikolova