



Sandalwood Essential Oil

INCI: Santalum Album (Sandalwood) Oil
Product ID: EOSANDALAU1046

Specifications

Analytical Details

Appearance (20 °C):
Color:

Odor:

Specific Gravity (20 °C):

Refractive Index (20 °C):

Optical Rotation:

Solubility in 70% (V/V) Ethanol (20 °C):

Ester Value:

Methods

Visual

Visual

Organoleptic

ISO 279:1998

ISO 280:1998

ISO 592:1998

ISO 875:1999

ISO 709:2001

Specifications

Clear, Slightly Viscous Liquid

Colorless to Pale Yellow or
Yellow / Brown

Woody; Spicy; Floral; Nutty

0.968 - 0.983

1.5030 - 1.5090

- 21.0 ° to - 12.0 °

Maximum 5 Volumes

≤ 10 mg KOH/g

Gas Chromatographic Profile

Z-α-Santalol:

*

41.0 - 55.0 %

Z-β-Santalol:

*

16.0 - 24.0 %

Shelf Life:

5 years

Storage:

Store in a sealed container in a dry, cool (0 - 40 °C)
and ventilated area, protected from light.

*** Shimadzu GC2010Plus with an AOC-20i Autosampler; Injector: 250.0 °C, Split 1:50;
Column Rtx-1, 30m x 0.25mm x 0.25um, Carrier Gas: Hydrogen at 67.2 cm/sec; Detector:
FID, 250.0 °C; Temperature program: 70.0 °C (10 min), 2.0 °C/min to 220.0 °C (5 min).**

Date: 11/24/2021

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