

## CERTIFICATE OF ANALYSIS

Organic Essential Oil of Pinus Sylvestris from Bulgaria  
100% pure and natural

Botanical name : *Pinus sylvestris L.*  
Commercial name : Organic Pinus Sylvestris  
Batch number : 1900641  
Geographical origin : Bulgaria  
Production date : July 2020

Physical and chemical data :

	Standards	Results of analysis
Appearance	Fluid liquid	Conform
Colour	Colourless to yellow	Conform
Odour	Characteristic	Conform
Specific gravity at 20° C	0.855 to 0.885	0.8701
Refractive index at 20° C	1.470 to 1.485	1.4773
Flash point	+35°C to +45°C	

Table of components :

Components	Contents
$\alpha$ -pinene	36.62%
Camphene	3.57%
$\beta$ -pinene	27.41%
Myrcene	5.06%
$\delta$ -3-carene	4.66%
Limonene	8.81%
$\beta$ -phellandrene	3.16%
$\beta$ -ocimene	0.98%
Terpinolene	0.59%
Bornyle acetate	1.25%
$\alpha$ -terpineol	0.54%
$\beta$ -caryophyllene	1.36%
$\alpha$ -humulene	0.23%
$\gamma$ -muurolene	0.25%
$\alpha$ -muurolene	0.73%
$\delta$ -cadinene	1.11%
$\gamma$ -cadinene	0.56%
TOTAL	96.89%