

CERTIFICATE OF ANALYSIS

Organic Essential Oil of Juniper Berry from Bulgaria
100% pure and natural

Botanical name :	<i>Juniperus communis L.</i>
Commercial name :	Organic Juniper Berry
Batch number :	1900511
Geographical origin :	Bulgaria
Production date :	October 2019

Physical and chemical data :

	Standards	Results of analysis
Appearance	Mobile liquid	Conform
Colour	Colourless to pale yellow	Conform
Odour	Characteristic, balsamic, sweet	Conform
Specific gravity at 20°C	0.845 à 0.885	0.8592
Refractive index at 20°C	1.470 to 1.485	1.4743
Optical rotation at 20°C	-15° to +10°	-1.46°
Flash point	+35°C to +45°C	

Table of components :

Components	Content (%)
α-pinene	43.25%
Camphene	0.16%
β-pinene + Sabinene	7.18%
Myrcene	16.11%
3-Carene	0.36%
α-phellandrene	0.40%
α-terpinene	1.31%
Limonene	4.86%
β-phellandrene	1.03%
γ-terpinene	1.71%
Cymene	0.87%
Terpinolene	1.35%
Terpinene-4-ol	1.97%
Bornyl Acetate	0.95%
β-caryophyllene	3.73%
β-farnesene	0.74%
α-caryophyllene	2.06%
γ-murolene	1.08%
α-murolene + Germacrene D	2.24%
β-cadinene	2.25%
γ-cadinene	0.91%
TOTAL	94.52%