

## Certificate of Analysis

Product: Juniperberry Oil  
Botanical Name: *Juniperus communis*

<b>Physical data</b>	<b><u>Specification</u></b>	<b><u>Result</u></b>
Appearance:	Clear free flowing liquid	Complies
Colour:	Pale yellow to greenish yellow	Complies
Odour:	Characteristic: Fresh, warm, rich, balsamic	Complies
Specific Gravity at 20°C:	0.826 to 0.885	0.865
Refractive index at 20°C:	1.470 to 1.484	1.473
Optical Rotation at 20°C:	-15° to +50°	+46°

### Chromatographic Profile

<b>Component</b>	<b>Specification Peak Area (%)</b>	<b>Result Peak Area (%)</b>
a- Pinene	30 to 60	60
Sabinene	Trace to 10	1
Myrcene	Trace to 20	3
Limonene, b-phellandrene	5 to 35	26