

## Certificate of Analysis

Product: Lavender Maillette Oil (France) - Certified Organic ACO  
 Botanical Name: *Lavandula angustifolia*  
 Origin: France  
 Plant Part Used: Flowers  
 Extraction: Steam distillation

<b>Physical data</b>	<b><u>Specification</u><sup>2</sup></b>	<b><u>Result</u></b>
Appearance:	Clear free flowing liquid	Complies
Colour:	Pale straw to yellow	Complies
Odour:	Characteristic	Complies
Specific Gravity at 20°C:	0.8700 to 0.9100	0.8804
Refractive index at 20°C:	1.4500 to 1.4750	1.4577
Optical Rotation:	-1.00 <sup>0</sup> to -15.00 <sup>0</sup>	-9.80 <sup>0</sup>

### Chromatographic Profile

Sample	Component	Specification <sup>2</sup> Peak Area <sup>1</sup> (%)	Result Peak Area (%)	Component	Peak Area <sup>1</sup> (%)	Result Peak Area (%)
<i>Lavandula angustifolia</i>	3- Octanone	Max 2.5	1.62	Camphor	Max 2.5	0.44
	d-Limonene	Max 1.0	0.16	Terpinen-4-ol	Trace to 3	0.21
	Trans-b-Ocimene	Max 2.5	1.88	a-Terpineol	Trace to 2	1.22
	Cis-b-Ocimene	Max 3.5	2.66	Linalyl acetate	28 to 46	37.63
	Linalool	21 to 48	39.21	Lavandulyl acetate	Max 2	1.55