

## Certificate of Analysis

Product: Lavandin Super Oil - 100% Organic ACO/USDA  
Botanical Name: *Lavandula angustifolia x latifolia*  
Origin: Spain  
Plant Part used: Flowering heads  
Extraction: Steam distilled

<b>Physical data</b>	<b><u>Specification<sup>2</sup></u></b>	<b><u>Results</u></b>
Appearance:	Clear mobile liquid	Complies
Colour:	Colourless to pale straw yellow	Complies
Odour:	Characteristic	Complies
Specific Gravity at 20 <sup>o</sup> C:	0.8700 to 0.9000	0.8915
Refractive index at 20 <sup>o</sup> C:	1.4400 to 1.4700	1.4582
Optical Rotation:	-10.00 <sup>o</sup> to -2.00 <sup>o</sup>	-7.70 <sup>o</sup>

### Chromatographic Profile

<b>Sample</b>	<b>Component</b>	<b>Specification<sup>2</sup> Peak Area<sup>1</sup> (%)</b>	<b>Results Peak Area<sup>1</sup> (%)</b>
<i>Lavandula angustifolia x latifolia</i>	1,8 Cineole	Trace to 10	5.01
	Linalool	25 to 55	37.10
	Camphor	2 to 10	4.31
	Linalyl acetate	10 to 38	38.05
	Lavandulyl acetate	Trace to 3	1.51