

## Certificate of Analysis

Product: Cypress oil (Spain) - 100% Organic ACO/USDA  
Botanical Name: *Cupressus sempervirens*  
Origin: Spain  
Plant Part used: Needles and twigs  
Extraction: Steam distilled

<b>Physical data</b>	<b><u>Specification<sup>2</sup></u></b>	<b><u>Result</u></b>
Appearance:	Clear free flowing liquid	Complies
Colour:	Colourless to pale straw/yellow	Complies
Odour:	Characteristic	Complies
Specific Gravity at 20°C:	0.8600 to 0.8850	0.8720
Refractive index at 20°C:	1.4680 to 1.4780	1.4707
Optical Rotation:	+15.00 <sup>0</sup> to +30.00 <sup>0</sup>	+20.70 <sup>0</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>Cupressus sempervirens</i>	a-Pinene	40 to 65	50.16
	Delta-3-carene	12 to 25	23.11
	d-Limonene	1 to 7	5.57
	Terpinyl acetate	Trace to 4	3.18
	Cedrol	Trace to 7	1.71