

Certificate of Analysis

Product: Sage Oil (Spain)
Botanical Name: *Salvia officinalis*
Origin: Spain
Plant Part used: Dried leaves
Extraction: Steam distilled

Physical data	<u>Specification²</u>	<u>Results</u>
Appearance:	Clear free flowing liquid	Complies
Colour:	Pale straw yellow to yellow	Complies
Odour:	Characteristic	Complies
Specific Gravity at 20°C:	0.9100 to 0.9300	0.9195
Refractive index at 20°C:	1.4580 to 1.4740	1.4639
Optical Rotation:	+25.00 ⁰ to -3.00 ⁰	+7.95 ⁰

Chromatographic Profile

Sample	Component	Specification² Peak Area¹ (%)	Results Peak Area¹ (%)
<i>Salvia officinalis</i>	a-Pinene	1 to 7.5	5.11
	Camphene	Trace to 11	4.65
	d-Limonene	Trace to 8	1.85
	1,8 Cineole	5 to 13	11.72
	Linalool	Trace to 11	0.54
	3-Thujanone	18 to 43	25.94
	Thujone	2 to 8.5	7.07
	Camphor	4.5 to 24.5	20.75
	Bornyl acetate	Trace to 2.5	1.99
	Humulene	Trace to 12	3.90