

CERTIFICATE OF ANALYSIS

PRODUCT NAME: SAGE OIL (SPAIN)

COUNTRY OF ORIGIN: SPAIN

BOTANICAL NAME: *Salvia officinalis*

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	PALE YELLOW TO YELLOW	PALE YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	CHARACTERISTIC	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.900 to 0.930	0.918
OPTICAL ROTATION @ 20°C	-5.0° to +15.0°	+8.5°
REFRACTIVE INDEX @ 20°C	1.455 to 1.475	1.466
CHROMATOGRAPHIC PROFILE		
A-PINENE (%)	1 to 7.5	6
CAMPHENE (%)	Trace to 11	5
LIMONENE (%)	Trace to 8	2
1,8-CINEOLE (%)	5 to 13	10
LINALOOL (%)	Trace to 11	0
A-THUJONE (%)	18 to 43	30
B-THUJONE (%)	2 to 8.5	4
CAMPHOR (%)	4.5 to 24.5	20.4
BORNYL ACETATE (%)	Trace to 2.5	1.1
HUMULENE (%)	Trace to 12	4