

## Certificate of Analysis

Product: Lavandin Abrialis Oil – BIO

Botanical Name: *Lavandula x intermedia* Emeric ex Loisel. clone Abrial

Country of Origin: France

### PHYSICAL AND CHEMICAL PROPERTIES

TEST	RESULT	SPECIFICATION
Specific Gravity @ 20° C	0.894	0.886 - 0.896
Refractive Index @ 20° C	1.461	1.456 - 1.466
Optical Rotation @ 20° C	-1.5°	-9° - -1°

### GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	RESULT (%)	SPECIFICATION (%)
α pinene	0.47	
camphene	0.33	
β pinene	0.54	
sabinene	0.17	
myrcene	0.56	
α terpinene	0.05	
limonene	0.89	
cineol 1.8	8.96	6.00 – 12.00
cis β ocimene	1.47	
γ terpinene	0.11	
trans β ocimene	3.36	
octanone 3	0.21	
paracymene	0.20	
terpinolene	0.29	
hexyl isobutyrate	0.12	
acetate de 1 octene-3-yle	0.29	
butyrate d' hexyle	0.38	
octene - 1- ol -3	0.46	
trans sabinene hydrate	0.13	
trans linalol oxyde	0.13	
camphre	10.43	6.00 – 12.00
linalol	33.53	26.00 – 35.00

linalyl acetate	21.26	18.00 – 30.00
$\alpha$ santalene	0.50	
lavandulyl acetate	1.66	
terpinene 4 ol	1.71	
$\beta$ caryophyllene	2.06	
trans $\beta$ farnesene	0.83	
lavandulol	1.32	
$\alpha$ humulene	0.08	
$\alpha$ terpineol	1.02	
borneol	2.44	
germacrene d	0.65	
geranyl acetate	0.52	
geraniol	0.29	
caryophyllene oxyde	0.10	
coumarine	0.06	