

Certificate of Analysis

Product: LAVENDER TRUE OIL

Botanical Name: *Lavandula angustifolia*

Country of Origin: France

PHYSICAL AND CHEMICAL PROPERTIES

TEST	RESULT	SPECIFICATION
Specific Gravity @ 20° C	0.885	0,8800 / 0,8900
Refractive Index @ 20° C	1.4579	1,4500 / 1,4660
Optical Rotation @ 20° C	-10.973	-12,0000 / -5,0000°

GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	RESULT (%)	SPECIFICATION (%)
Pinene alpha	0.1	
Camphene	0.41	
Pinene beta	0.07	
Myrcene beta	0.63	
Limonene	0.17	
Eucalyptol	0.09	
Ocimene beta cis	0.67	0 / 11,00
Ocimene beta trans	0.89	0 / 15,00
3-Octanone	0.07	
Paracymene	0.45	
Acétate de 1-octen-3-yle	0.9	
1-Octen-3-ol	1.08	
Camphre	0.63	
Linalol	44.52	9,80 / 46,00
Linalyl acetate	34.49	22,00 / 53,00
Santalene alpha	0.05	
Bornyl acetate	0.59	
Terpinene 1-ol-4	0.08	
Lavandulyl acetate	0.25	0 / 10,00
Caryophyllene beta	2.89	
Farnesene beta trans	1.88	
Lavandulol	0.13	
Humulene alpha	0.05	
Terpineol alpha	1	

Borneol	2.12	
Geranyl acetate	0.67	
Nerol	0.34	
Geraniol	0.69	
Caryophyllene oxyde	0.43	
Coumarine	0.12	