

Certificate of Analysis

Product: LAVANDIN GROSSO OIL

Botanical Name: Lavandula x intermedia Emeric ex Loisel.clone Grosso

Country of Origin: France

PHYSICAL AND CHEMICAL PROPERTIES

TEST	RESULT	SPECIFICATION
Relative Density @ 20° C	0.896	0,8880 / 0,8980
Refractive Index @ 20° C	1.4603	1,4550 / 1,4650
Optical Rotation @ 20° C	-4.558	-9,0000 / -1,0000°

GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	RESULT (%)	SPECIFICATION (%)
Pinene alpha	0.37	
Camphene	0.27	
Pinene beta	0.33	
Sabinene	0.1	
Myrcene beta	0.5	
Limonene	0.68	
Eucalyptol	4.28	
Ocimene beta cis	0.84	
Terpinene gamma	0.13	
Ocimene beta trans	0.38	
Paracymene	0.02	
Terpinolene	0.01	
Hexyl butyrate	0.36	
Acétate de 1-octen-3-yle	0.08	
1-Octen-3-ol	0.57	
Camphre	7.09	2,00 / 10,00%
Linalol	32.45	26,00 / 42,00%
Linalyl acetate	31.94	18,00 / 40,00%
Santalene alpha	0.25	
Terpinene 1-ol-4	3.49	
Lavandulyl acetate	1.85	
Caryophyllene beta	1.59	
Lavandulol	1.19	
Farnesene beta trans	0.85	
Terpineol alpha	0.74	

Borneol	2.88	
Germacrene D	0.9	
Geranyl acetate	0.22	
Geraniol	0.05	
Caryophyllene oxyde	0.08	
Tau cadinol	0.3	
Bisabolol	0.08	
Coumarine	0	