

Certificate of Analysis

Product: Lavandula Hybrida Grosso Herb Oil

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

Country of Origin: France

PHYSICAL AND CHEMICAL PROPERTIES

TEST	RESULT	SPECIFICATION
Specific Gravity @ 20° C	0.895	0.888 - 0.898
Refractive Index @ 20° C	1.460	1.455 - 1.465
Optical Rotation @ 20° C	-4.00°	-9° - -1°

GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	RESULT (%)	SPECIFICATION (%)
α pinene	0,40	
α thujene	0,08	
camphene	0,27	
β pinene	0,38	
sabinene	0,13	
myrcene	0,53	
limonene	0,73	
cineol 1,8	5,29	
cis β ocimene	0,58	
γ terpinene	0,26	
paracymene	0,23	
terpinolene	0,29	
acetate de 1 octene-3-yle	0,23	
butyrate d' hexyle	0,38	
octene - 1- ol -3	0,36	
trans linalol oxyde	0,09	
camphre	7,59	2,00 - 10,00
linalol	33,99	26,00 - 42,00
linalyl acetate	27,30	18,00 - 40,00
α santalene	0,20	
lavandulyl acetate	3,69	
terpinene 4 ol	3,18	
β caryophyllene	1,51	

trans β farnesene	1,39	
lavandulol	1,20	
α humulene	0,09	
α terpineol	0,97	
borneol	3,08	
germacrene d	0,92	
geranyl acetate	0,36	
geraniol	0,43	
caryophyllene oxyde	0,09	
tau cadinol	0,14	
bisabolol	0,36	
coumarine	0,09	