

Certificate of Analysis

Product: Organic LAVANDER Oil

Botanical Name: *Lavandula angustifolia Mill.*

Country of Origin: Bulgaria

PHYSICAL AND CHEMICAL PROPERTIES

TEST	RESULT
Relative Density @ 20° C	0.8806
Refractive Index @ 20° C	1.46162
Optical Rotation @ 20° C	-8.10

GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	RESULT (%)
Hexyl Methyl Ether	0.071
Hexanol	0.055
Tricyclene	0.016
Alpha-Thujene	0.112
Alpha-Pinene	0.223
Camphene	0.132
Sabinene	0.032
Beta-Pinene	0.027
1-Octen-3-ol	0.278
3-Octanone	1.275
Myrcene	0.691
Trans-Dehydroxy-Oxyde de Linalol	0.029
Butanoate de Butyle	0.060
3-Octanol	0.229
Alpha-Phellandrene	0.052
Delta-3-Carene	0.094
Acetate d'Hexyle	0.420
Alpha-Terpinene	0.061
Ortho-Cymene	0.032
Para-Cymene	0.141
Limonene	0.296
Beta-Phellandrene	0.179

Eucalyptol	0.640
(Z)-Beta-Ocimene	4.731
(E)-Beta-Ocimene	3.004
Gamma-Terpinene	0.201
Cis Oxyde de Linalol (furanoid)	0.217
Terpinolene*	0.006
Terpinolene	0.121
Trans-Oxyde de Linalol (furanoid)	0.103
Linalol	32.269
Acetate d'octene-3-yle	0.911
Acetate d'octan-3-yle	0.082
Allo-Ocimene	0.337
Isobutanoate d'hexyle	0.056
Camphre	0.218
Lavandulol	1.162
Borneol	0.599
Terpinen-4-ol	5.381
Para-Cymen-9-ol	0.040
Cryptone	0.140
Butanoate d'Hexyle	0.361
Alpha-Terpineol	1.125
Acetate d'Octanyl	0.011
Eucarvone	0.010
Nerol	0.156
Formate de Bornyle	0.026
2-Methyl-Butanoate d'hexyle + Formate de Bornyle	0.030
Cuminaldehyde	0.091
Acetate de Linalyle	29.046
Geraniol	0.456
Acetate de Lavandulyle	3.063
Acetate de Bornyle	0.117
Tiglate d'Hexyle	0.024
6-Eka-Tricyclosantalal	0.017
Acetate de Neryl	0.347

Acetate de Geranyle	0.597
Alpha-Copaene	0.017
Hexanoate d'Hexyle	0.087
7-Epi-Sesquithujene	0.102
Sesquithujène	0.024
Alpha-Cis-Bergamotene	0.042
Alpha-Santalene	0.422
Beta-Caryophyllene	3.785
Alpha-Trans-Bergamotene	0.131
Coumarine	0.039
(E)-Beta-Farnesene	3.535
Sesquisabinene	0.078
Alpha-Humulene	0.140
Germacrene-D	0.476
(E,E)-Farnesene	0.033
Beta-Bisabolene	0.051
Gamma-Cadinene	0.109
Hydrocarbure sesquiterpenique Masse molaire 202	0.039
Cis-Calamenene + Beta- Sesquiphellandrene	0.032
Sesquiterpene Oxygene Masse molaire 220	0.010
Oxyde de Caryophyllene	0.274
1,10-Di-Epi-Cubenol	0.009
Epi-Alpha-Cadinol	0.074

* Isomère non identifié