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	0.8808
Refractive Index @ 20° C	1.46230
Optical Rotation @ 20° C	-7.97

GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	RESULT (%)
Hexyl Methyl Ether	0.098
Hexanol	0.048
Tricyclene	0.023
Alpha-Thujene	0.125
Alpha-Pinene	0.260
Camphene	0.202
Sabinene	0.053
Beta-Pinene	0.054
1-Octen-3-ol	0.307
3-Octanone	1.527
Myrcene	0.817
Dehydro-1,8-Cineole	0.027
Butanoate de Butyle	0.078
3-Octanol	0.281
Alpha-Phellandrene	0.060
Delta-3-Carene	0.187
Acetate d'Hexyle	0.491
Alpha-Terpinene	0.065
Ortho-Cymene	0.048
Para-Cymene	0.183
Limonene	0.419
Beta-Phellandrene	0.388

Eucalyptol	0.857
(Z)-Beta-Ocimene	5.284
(E)-Beta-Ocimene	2.871
Gamma-Terpinene	0.208
Cis Oxyde de Linalol (furanoid)	0.141
Cis-Hydrate de Sabinene (IPP vs. OH)	0.051
Terpinolene*	0.008
Terpinolene	0.133
Trans-Oxyde de Linalol (furanoid)	0.092
Linalol	30.095
Acetate d'octene-3-yle	1.152
Acetate d'octan-3-yle	0.120
Allo-Ocimene	0.301
Isobutanoate d'hexyle	0.093
Camphre	0.283
Lavandulol	0.999
5-Pentylcyclohexa-1,3-Diene	0.070
Borneol	0.628
Terpinen-4-ol	4.789
Butanoate d'Hexyle	0.359
Para-Cymen-9-ol	0.053
Cryptone	0.208
Alpha-Terpineol	1.254
Nerol	0.137
2-Methyl-Butanoate d'hexyle+Formate de Bornyle	0.072
Acetate de Linalyle	27.345
Geraniol	0.451
Acetate de Lavandulyle	3.160
Acetate de Bornyle	0.176
Tiglate d'Hexyle	0.027
Acetate de Neryle	0.384
Acetate de Geranyle	0.700
Hexanoate d'Hexyle	0.096
7-Epi-Sesquithujene	0.135

Beta-Bourbonene	0.018
Sesquithujene	0.033
Alpha-Cis-Bergamotene	0.054
Alpha-Santalene	0.554
Beta-Caryophyllene	4.403
Alpha-Trans-Bergamotene	0.171
(E)-Beta-Farnesene	4.212
Sesquisabinene + Coumarine	0.126
Alpha-Humulene	0.144
Germacrene-D	0.603
Beta-Bisabolene	0.059
Gamma-Cadinene	0.154
Hydrocarbure sesquiterpenique MW 202	0.053
Sesquiterpene Oxygene MW220	0.039
Oxyde de Caryophyllene	0.369
Epi-Alpha-Cadinol	0.090

* Isomère non identifié