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Balancing Body, Mind and Spirit with Pure Essential Oils
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Lavender (Bulgarian) *Lavandula angustifolia*

Batch No. #BU-59375
Bulgaria

Monoterpenes 11.09%

(Z) β ocimene	4.82
(E) β ocimene	2.62
alloocimene	0.83
myrcene	0.74
limonene	0.57
α pinene	0.31
γ terpinene	0.21
Δ^3 carene	0.18
camphene	0.17
para cymene	0.17
α thujene	0.14
terpinolene	0.08
α phellandrene	0.06
β pinene	0.06
sabinene	0.05
α terpinene	0.03
isoterpinolene	0.03
tricyclene	0.02

Aldehydes 0.06%

cuminal	0.06
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Esters 39.14%

linalyl acetate	31.75
lavandulyl acetate	4.18
1-octenyl-3 acetate	1.16
geranyl acetate	0.69
Hexyl acetate	0.41
neryl acetate	0.40
bornyl acetate	0.17
hexyl isobutyrate	0.08
octan-3-yl acetate	0.07
butyl butyrate	0.06
hexyl propanoate	0.06
hexyl tiglate	0.04
hexyl 2-methyl butanoate	0.03
dihydro carveol acetate <neoi:	0.03
isopulegyl acetate	0.02
butyl acetate	0.01
octyl acetate	0.01

Sesquiterpenes 9.16%

β caryophyllene	4.71
(E) β farnesene	3.57
α -trans-bergamotene	0.17
γ cadinene	0.14
cis- α bergamotene	0.06
zingiberene	0.06
β bisabolene	0.02
7-epi-sesquithujene	0.02
epi- β -santalene	0.02
β copaene	0.02
(Z) β farnesene	0.02
α copaene	0.02

Monoterpenols 36.76%

linalol	26.9
terpinen-4-ol	6.10
α terpineol	1.33
lavandulol	1.00
borneol	0.74
(Z) linalool oxide (5)(furan	0.26
nerol	0.17
(E) linalool oxide (5)(furan	0.12
para-cymen-8-ol	0.06
cis-para-menth-2-en-1-ol	0.03
(Z) linalool oxide (6)(pyran	0.02
trans-carveol	0.02
cumin alcohol	0.01

Ethers 1.20%

1,8 cineole (also known as an O:	0.85
caryophyllene oxide	0.28
methyl hexyl ether	0.07

Ketones 1.28%

octan-3-one	0.87
camphor	0.20
cryptone	0.19
carvone	0.02

Phenols 0.01%

toluene	0.01
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Sesquiterpenols 0.09%

γ cadinol	0.08
1, 10-di-epi-cubenol	0.01

Other 1.18%

1-octen-3-ol	0.36
3-octanol	0.20
1-hexanol	0.07
cis-hex-3-en-1-ol	0.03
1 octanol	0.02

Client



Source



Lavender, Bulgarian (Lavandula angustifolia)

BU-59375 - Bulgaria

Sample

Lavender, Bulgarian (Lavandula

Identification #: BU-59375

Type:..... Essential Oil

CAS Number:... 8000-28-0

Nature's Gift

Properties

Country Of Origin | Bulgaria

Specific Gravity | NT

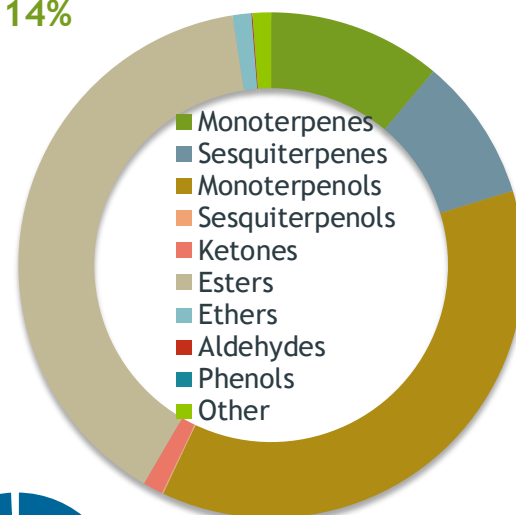
Refractive Index | NT

Primary

31.75% | Linalyl acetate26.90% | Linalool6.10% | Terpinen-4-ol

Esters

39.14%



Percentage Identified

Result



1/15/2024

Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Lavender, Bulgarian (Lavandula angustifolia)

Internal Number: | EVS-6003



Essential Validation Services

747 SW 2nd Ave IMB 12 Suite 306
Gainesville, FL 32601

317.361.5044 |

<https://essentialvalidationservices.com/>

Monoterpenes	11.09%	11.09
Sesquiterpenes	9.16%	9.16%
Monoterpenols	36.76%	36.76
Sesquiterpenols		0.09%
Ketones		1.28%
Esters	39.14%	39.14
Ethers		1.20%
Aldehydes		0.06%
Phenols		0.01%
Other		1.18%

Client



Source

Lavender, Bulgarian (*Lavandula angustifolia*)

BU-59375

Total Percentage		99.50%		
Number	RT	Area %	Compound Name	Chemical Family
1	3.63	0.01%	Toluene	Simple Phenolic
2	4.61	0.01%	Butyl acetate	Aliphatic Ester
3	4.90	0.07%	Methyl hexyl ether	Aliphatic Ether
4	5.71	0.03%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
5	6.12	0.07%	1-Hexanol	Aliphatic Alcohol
6	7.86	0.02%	Tricyclene	Monoterpene
7	8.02	0.14%	alpha-Thujene	Monoterpene
8	8.27	0.31%	alpha-Pinene	Monoterpene
9	8.88	0.17%	Camphene	Monoterpene
10	9.82	0.05%	Sabinene	Monoterpene
11	9.99	0.06%	beta-Pinene	Monoterpene
12	10.20	0.36%	1-Octen-3-ol	Aliphatic Alcohol
13	10.39	0.87%	Octan-3-one	Aliphatic Ketone
14	10.56	0.74%	Myrcene	Monoterpene
15	10.86	0.06%	Butyl butyrate	Aliphatic Ester
16	10.91	0.20%	3-Octanol	Aliphatic Alcohol
17	11.22	0.06%	alpha-Phellandrene	Monoterpene
18	11.32	0.18%	delta-3-Carene	Monoterpene
19	11.57	0.41%	Hexyl acetate	Aliphatic Ester
20	12.02	0.17%	para-Cymene	Monoterpene
21	12.10	0.03%	alpha-Terpinene	Monoterpene
22	12.23	0.57%	Limonene	Monoterpene
23	12.31	0.85%	1,8-Cineole	Monoterpene Ether
24	12.61	4.82%	(Z)-beta-Ocimene	Monoterpene
25	13.06	2.62%	(E)-beta-Ocimene	Monoterpene
26	13.54	0.21%	gamma-Terpinene	Monoterpene
27	14.08	0.26%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
28	14.23	0.02%	1-Octanol	Aliphatic Alcohol
29	14.60	0.03%	Isoterpinolene	Monoterpene
30	14.77	0.08%	Terpinolene	Monoterpene
31	14.82	0.12%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
32	15.59	26.90%	Linalool	Monoterpenol
33	15.77	0.06%	Hexyl propanoate	Monoterpene Ester
34	15.90	1.16%	1-Octenyl-3 acetate	Monoterpene Ester
35	16.44	0.07%	Octan-3-yl acetate	Aliphatic Ester

Client



Source

Lavender, Bulgarian (*Lavandula angustifolia*)

BU-59375

Number	RT	Area %	Compound Name	Chemical Family
36	16.53	0.03%	cis-para-Menth-2-en-1-ol	Aliphatic Ester
37	16.78	0.83%	Alloocimene	Monoterpene
38	17.48	0.20%	Camphor	Monoterpene Ketone
39	17.70	0.08%	Hexyl isobutyrate	Monoterpene Ester
40	18.42	1.00%	Lavandulol	Monoterpenol
41	18.67	0.74%	Borneol	Monoterpenol
42	18.90	0.02%	cis-Linalool oxide (6) (pyranoid)	Monoterpenol
43	19.11	6.10%	Terpinen-4-ol	Monoterpenol
44	19.33	0.19%	Cryptone	Monoterpene Ketone
45	19.44	0.06%	para-Cymen-8-ol	Monoterpenol
46	19.78	1.33%	alpha-Terpineol	Monoterpenol
47	20.61	0.01%	Octyl acetate	Aliphatic Ester
48	20.90	0.02%	trans-Carveol	Monoterpenol
49	21.19	0.17%	Nerol	Monoterpenol
50	21.72	0.03%	Hexyl 2-methyl butanoate	Monoterpene Ester
51	21.88	0.06%	Cuminal	Monoterpene Aldehyde
52	21.97	0.02%	Carvone	Monoterpene Ketone
53	22.43	31.75%	Linalyl acetate	Monoterpene Ester
54	23.37	0.02%	Isopulegyl acetate	Monoterpene Ester
55	23.78	0.17%	Bornyl acetate	Monoterpene Ester
56	23.89	4.18%	Lavandulyl acetate	Monoterpene Ester
57	24.16	0.01%	Cumin alcohol	Monoterpenol
58	25.86	0.04%	Hexyl tiglate	Monoterpene Ester
59	26.48	0.03%	22.69 Dihydro carveol acetate<neoiso->	0.00
60	27.11	0.40%	Neryl acetate	Monoterpene Ester
61	27.70	0.02%	alpha-Copaene	Sesquiterpene
62	27.96	0.69%	Geranyl acetate	Monoterpene Ester
63	28.93	0.02%	7-epi-Sesquithujene	Sesquiterpene
64	29.33	0.06%	cis-alpha-Bergamotene	Sesquiterpene
65	29.51	4.71%	beta-Caryophyllene	Sesquiterpene
66	29.94	0.02%	beta-Copaene	Sesquiterpene
67	30.16	0.17%	trans-alpha-Bergamotene	Sesquiterpene
68	30.46	0.02%	(Z)-beta-Farnesene	Sesquiterpene
69	30.69	0.02%	epi-beta-Santalene	Sesquiterpene
70	31.05	3.57%	(E)-beta-Farnesene	Sesquiterpene



Lavender, Bulgarian (Lavandula angustifolia)

BU-59375

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