



CERTIFICATE OF ANALYSIS

Type	Essential Oil
Latin Name	Lavandula angustifolia - Certified Organic (USDA, NOP)
Country of Origin	Bulgaria
Extraction Method	Steam Distilled
Plant Part	Flowers
Typical Use	Aromatherapy
SKU	OB.SN.LAV.21.01
Analysis Method	GC-MS
Manufacture Date	July 1, 2020
Test Date	October 22, 2020
Retailer	Okapi Bay
Physical Properties	Liquid
Refractive Index @ 20 °C	1.46
Specific Gravity @ 20 °C	0.88
Color	Transparent to pale yellow
Odor	Typical characteristics

Conclusion:

No adulterant or diluent has been detected using this method.

GC CONSOLIDATED RESULTS

Component	%	CAS
Linalyl acetate	33,78%	115-95-7
Linalool ²	25,10%	78-70-6
(Z)-beta-Ocimene	8,85%	3338-55-4
Terpinen-4-ol	6,06%	562-74-3
(E)-beta-Farnesene	4,65%	18794-84-8
(E)-, beta-Ocimene	3,60%	3779-61-1
(+/-)-Lavandulyl acetate	2,85%	25905-14-0
Caryophyllene(E-)	1,60%	13877-93-5
3-Octanone	1,37%	106-68-3
3-acetoxy-Octene	1,11%	2442-10-6
1,8-Cineole	0,81%	470-82-6
Hexyl acetate	0,78%	142-92-7
alpha-Terpineol	0,73%	98-55-5
Myrcene ¹	0,63%	123-35-3
Borneol	0,61%	507-70-0
(+/-)-Lavandulol	0,44%	58461-27-1
alpha-Pinene	0,43%	80-56-8
Germacrene D	0,43%	23986-74-5
beta-Phellandrene	0,39%	555-10-2
Geranyl acetate	0,34%	105-87-3
ethyl-Hexanol	0,30%	589-98-0
Isoborneol	0,28%	10385-78-1
hexyl-Butyrate	0,27%	2639-63-6
gamma-Terpinene	0,26%	99-85-4
Diola	0,24%	4747-07-3
Camphor	0,22%	76-22-2
Neryl acetate	0,22%	141-12-8
Camphene	0,21%	79-92-5
alpha-Thujene	0,21%	2867-05-2
Vinyl amyl carbinol	0,21%	3391-86-4
butyl-Butanoate	0,19%	109-21-7
para-Cymene	0,18%	99-87-6
delta-3-Carene	0,14%	13466-78-9
n-Hexanol	0,12%	111-27-3
Caryophyllene oxide	0,10%	1139-30-6
gamma-Cadinene	0,10%	39029-41-9
alpha-, trans-Bergamotene	0,10%	13474-59-4
Bornyl acetate	0,09%	76-49-3
alpha-Terpinene	0,09%	99-86-5
Hexyl isobutanoate	0,09%	2349-07-7

alpha-Humulene	0,08%	6753-98-6
cis-Linalool oxide	0,08%	5989-33-3
Terpinolene	0,08%	586-62-9
hexyl-Hexanoate	0,05%	6378-65-0
alpha-Phellandrene	0,05%	99-83-2
allo-Ocimene	0,05%	7216-56-0
trans-Linalool oxide	0,05%	34995-77-2
hexyl-Propionate	0,04%	2445-76-3
cis-(IPP vs OH)Sabinene hydrate	0,04%	15537-55-0
7-epi-Sesquithujene	0,04%	159407-35-9
Coumarin ²	0,03%	91-64-5
Sabinene	0,03%	3387-41-5
Tricyclene	0,03%	508-32-7
Butyl acetate	0,03%	123-86-4
hexyl-Tiglate	0,02%	16930-96-4
3Z-Hexenol	0,01%	928-96-1
butyl-Isobutyrate	0,01%	97-87-0
Total Deleted Low Purity Peaks	0,00%	
Not Identified Peaks	1,12%	

¹ = Proposition 65 compound, ² = EU Allergen

MS RESULTS SUMMARY

