

Lavender Essential Oil

Lavandula angustifolia

Essential Oil

DISTILLATION DATE July 15, 2026	EXTRACTION Steam Distilled	CULTIVATION Certified Organic	COUNTRY OF ORIGIN Bulgaria
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TOP 5 COMPONENTS		of 79 measured
linalyl acetate	Ester	31.04%
linalool	Monoterpenol	28.51%
terpinen-4-ol	Monoterpenol	5.14%
(Z)-β-ocimene	Monoterpene	4.33%
lavandulyl acetate	Ester	4.08%

Batch LAB-115 comes from certified organic lavender fields in Bulgaria, one of the classic growing regions for *Lavandula angustifolia*. The flowering tops were steam distilled at peak season in July 2026, giving an oil with the soft, sweet, herbaceous top note and rounded floral heart that Bulgarian lavender is known for.

GC-MS analysis of this batch identified 79 individual components. Linalyl acetate leads at 31.04 percent, followed by linalool at 28.51 percent and terpinen-4-ol at 5.14 percent. That puts esters at 39.34 percent of the profile, a family associated with calming, settling qualities, with monoterpenols close behind at 37.11 percent, a family valued for its gentle, skin-friendly character. Together they explain why this oil feels so easy to reach for at the end of a long day.

This exact batch was independently GC-MS tested, and the full report and certificate of analysis are available to download so you can see precisely what is in the bottle.

CHEMISTRY HIGHLIGHTS

Every batch is GC-MS tested by an independent lab. This report is provided for full transparency by Aromatics International.

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LAB-115 comes in nearly balanced between its two dominant families: esters at 39.34% against monoterpenols at 37.11%, driven by linalyl acetate (31.04%) sitting alongside its parent alcohol linalool (28.51%).

Full composition · 79 components across 10 families

Ester	39.34%
linalyl acetate	31.04%
lavandulyl acetate	4.08%
1-octen-3-yl acetate	1.13%
geranyl acetate	1.01%
neryl acetate	0.57%
hexyl acetate	0.49%
hexyl butyrate	0.44%
bornyl acetate	0.22%
3-octyl acetate	0.08%
hexyl hexanoate	0.08%
hexyl isobutyrate	0.07%
bornyl formate	0.05%
hexyl 2-methylbutyrate	0.03%
dihydrocarvyl acetate	0.03%
hexyl tiglate	0.02%
Monoterpenol	37.11%
linalool	28.51%
terpinen-4-ol	5.14%
α -terpineol	1.13%
borneol	0.95%
lavandulol	0.94%
nerol	0.18%
τ -cadinol	0.09%
(E)-sabinene hydrate	0.08%

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3-hexen-1-ol	0.04%
p-mentha-1,5-dien-8-ol	0.03%
1-octanol	0.01%
(Z)-verbenol	0.01%
Monoterpene	11.30%
(Z)- β -ocimene	4.33%
(E)- β -ocimene	2.66%
alloocimene	1.26%
β -myrcene	1.24%
limonene (d)	0.36%
p-cymene	0.29%
α -pinene	0.27%
camphene	0.19%
δ -3-carene	0.14%
γ -terpinene	0.14%
α -thujene	0.13%
terpinolene	0.10%
sabinene	0.05%
β -pinene	0.04%
α -phellandrene	0.04%
α -terpinene	0.04%
isoterpinolene	0.02%
Sesquiterpene	7.37%
β -caryophyllene	3.23%
(Z)- β -farnesene	2.70%
α -santalene	0.49%
germacrene D	0.24%
γ -cadinene	0.19%
(E)- α -bergamotene	0.15%

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α -caryophyllene	0.14%
sesquisabinene	0.08%
(Z)- α -bergamotene	0.05%
β -bisabolene	0.03%
α -copaene	0.02%
β -bourbonene	0.02%
sesquithujene	0.02%
(E,E)- α -farnesene	0.01%
Ketone	1.53%
3-octanone	1.05%
camphor	0.30%
cryptone	0.15%
carvone	0.03%
Oxide	1.40%
1,8-cineole	0.80%
caryophyllene oxide	0.27%
(E)-linalool oxide	0.19%
linalool (Z)-oxide	0.14%
Sesquiterpenol	0.38%
1-octen-3-ol	0.36%
longipinanol	0.02%
Other	0.28%
1-hexanol	0.09%
7-epi-sesquithujene	0.06%
Butanediol<2,3->	0.03%
(Z)-epoxy-ocimene	0.03%
butyl acetate	0.02%
neo-isopulegyl acetate	0.02%
Cymen-7-ol<para->	0.02%

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octane	0.01%
Aldehyde	0.09%
cuminal	0.08%
phellandral	0.01%
Ether	0.06%
1-methoxyhexane	0.06%

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