AROMATICS DATA

GC-MS BATCH SUMMARY

Batch TYL-117

November 13, 2026

Thyme ct Linalool Essential Oil

Thymus zygis ct. linalool

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
August 15, 2024	**Steam Distilled**	**Certified Organic**	**Spain**

TOP 5 COMPONENTS

of 87 measured

linalool	Monoterpenol	**36.90%**
terpinen-4-ol	Monoterpenol	**10.22%**
γ-terpinene	Monoterpene	**7.24%**
α-pinene	Monoterpene	**5.11%**
p-cymene	Monoterpene	**3.77%**

Full composition · 87 components across 11 families

Monoterpenol	**54.24%**
linalool	36.90%
terpinen-4-ol	10.22%
α-terpineol	3.19%
borneol	1.64%
(E)-sabinene hydrate	1.47%
(E)-p-menth-2-en-1-ol	0.37%
(E)-piperitol	0.13%
(E)-carveol	0.07%
p-cymen-8-ol	0.07%
linalool pyranic oxide	0.05%

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

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(E)-ascaridol glycol	0.05%
(E)-pinocarveol	0.04%
lavandulol	0.03%
(E)-p-mentha-2,8-dien-1-ol	0.01%
Monoterpene	**33.16%**
γ-terpinene	7.24%
α-pinene	5.11%
p-cymene	3.77%
β-myrcene	3.63%
terpinolene	3.55%
α-terpinene	3.27%
limonene (d)	2.79%
camphene	1.14%
β-pinene	0.83%
sabinene	0.66%
α-phellandrene	0.47%
α-thujene	0.25%
hashishene	0.16%
pseudolimonene	0.07%
(E)-β-ocimene	0.06%
(Z)-β-ocimene	0.06%
tricyclene	0.05%
p-mentha-1,3,8-triene · 1,3,8-para-menthatriene	0.02%
δ-3-carene	0.02%
p-mentha-1,3,8-triene · para-menthatriene	0.01%
Sesquiterpene	**4.06%**
β-caryophyllene	3.55%
α-caryophyllene	0.07%
bicyclogermacrene	0.07%

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δ-cadinene	0.05%
β-bourbonene	0.05%
germacrene D	0.05%
δ-elemene	0.04%
isocaryophyllene	0.03%
(E)-α-bergamotene	0.03%
γ-cadinene	0.02%
α-copaene	0.02%
aromadendrene	0.02%
γ-muurolene	0.02%
β-copaene	0.01%
β-bisabolene	0.01%
β-caryophyllene · cis-caryophyllene	0.01%
viridiflorene	0.01%
Ester	**1.81%**
linalyl acetate	1.34%
bornyl formate	0.22%
bornyl acetate	0.09%
citronellyl propionate	0.06%
geranyl acetate	0.03%
(Z)-3-hexenyl butyrate	0.02%
neryl acetate	0.02%
geranyl butyrate	0.01%
lavandulyl acetate	0.01%
geranyl formate	0.01%
Ketone	**1.02%**
camphor	0.59%
(E)-dihydrocarvone	0.14%
3-octanone	0.09%

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isopiperitenone	0.07%
carvone	0.04%
isopinocamphone	0.04%
thuja-2,4(10)-diene	0.03%
verbenone	0.01%
piperitenone	0.01%
Phenol	**0.93%**
thymol	0.81%
carvacrol	0.12%
Oxide	**0.22%**
caryophyllene oxide	0.10%
(Z)-limonene oxide	0.05%
(E)-limonene oxide	0.04%
neryl oxide	0.02%
β-pinene oxide	0.01%
Sesquiterpenol	**0.22%**
1-octen-3-ol	0.08%
3-octanol	0.08%
spathulenol	0.04%
α-muurolol	0.01%
isospathulenol	0.01%
Ether	**0.11%**
methyl carvacrol	0.11%
Other	**0.11%**
plinol d	0.05%
dehydro-p-cymene	0.04%
6-methyl-3,5-heptadien-2-one	0.02%

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Furan	**0.02%**
perillene	0.02%

REFRACTIVE INDEX @20°C	OPTICAL ROTATION @20°C
1.4655	**-4.492**

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