AROMATICS DATA

GC-MS BATCH SUMMARY

Batch FRT-105

November 13, 2026

Fingerroot Essential Oil

Boesenbergia rotunda

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
February 15, 2025	Steam Distilled	Organically Grown	Thailand

TOP 5 COMPONENTS

of 40 measured

(E)-β-ocimene	Monoterpene	**27.04%**
camphor	Ketone	**18.37%**
geraniol	Monoterpenol	**13.56%**
1,8-cineole	Oxide	**11.82%**
camphene	Monoterpene	**7.19%**

Full composition · 40 components across 7 families

Monoterpene	**45.33%**
(E)-β-ocimene	27.04%
camphene	7.19%
(Z)-β-ocimene	4.90%
limonene (d)	2.82%
α-pinene	1.12%
β-myrcene	0.77%
terpinolene	0.35%
2,6-dimethyl-2,4,6-octatriene	0.34%
tricyclene	0.33%
γ-terpinene	0.21%

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

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α-terpinene	0.10%
β-pinene	0.06%
p-cymene	0.06%
α-fenchene	0.04%
Ketone	**18.46%**
camphor	18.37%
6-methyl-5-hepten-2-one	0.09%
Monoterpenol	**17.45%**
geraniol	13.56%
linalool	2.17%
α-terpineol	0.75%
borneol	0.46%
terpinen-4-ol	0.18%
isoborneol	0.09%
nerol	0.07%
δ-terpineol	0.06%
aliphatic alcohol	0.05%
myrtenol	0.03%
fenchol	0.03%
Oxide	**11.92%**
1,8-cineole	11.82%
linalool (E)-oxide	0.08%
linalool (Z)-oxide	0.02%
Ester	**2.58%**
methyl cinnamate	1.52%
camphene hydrate	0.75%
geranyl formate	0.13%
geranyl butyrate	0.08%
neryl butyrate	0.07%

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aliphatic ester	0.03%
Sesquiterpene	**0.36%**
α-zingiberene	0.25%
(E,E)-α-farnesene	0.08%
β-caryophyllene	0.03%
Other	**0.04%**
phenylmethyl propionate	0.04%

SPECIFIC GRAVITY @20°C	REFRACTIVE INDEX @20°C	OPTICAL ROTATION @20°C	FLASH POINT
0.885	**1.481**	**14.25**	**56.0**

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