AROMATICS DATA

GC-MS BATCH SUMMARY

Batch NRL-120

November 6, 2026

Neroli Essential Oil

Citrus aurantium var. amara

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
May 15, 2023	**Steam Distilled**	**Certified Organic**	**Egypt**

TOP 5 COMPONENTS

of 45 measured

linalool	Monoterpenol	**44.95%**
linalyl acetate	Ester	**16.27%**
limonene (d)	Monoterpene	**8.40%**
α-terpineol	Monoterpenol	**5.12%**
β-pinene	Monoterpene	**4.93%**

Full composition · 45 components across 10 families

Monoterpenol	**51.30%**
linalool	44.95%
α-terpineol	5.12%
nerol	1.01%
terpinen-4-ol	0.22%
Ester	**22.05%**
linalyl acetate	16.27%
geranyl acetate	3.67%
neryl acetate	1.94%
methyl anthranilate	0.10%
α-terpinyl acetate	0.07%

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

Verify this batch: data.aromatics.com/products/neroli-essential-oil#batch=NRL-120

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Monoterpene	**21.99%**
limonene (d)	8.40%
β-pinene	4.93%
(E)-β-ocimene	4.57%
β-myrcene	1.76%
(Z)-β-ocimene	0.64%
sabinene	0.53%
isoterpinolene	0.47%
α-pinene	0.35%
γ-terpinene	0.11%
alloocimene	0.11%
α-terpinene	0.06%
p-cymene	0.04%
camphene	0.02%
Sesquiterpenol	**2.86%**
(E)-nerolidol	2.11%
(Z,E)-farnesol	0.73%
spathulenol	0.02%
Sesquiterpene	**1.04%**
β-caryophyllene	0.66%
bicyclogermacrene	0.12%
δ-elemene	0.07%
α-caryophyllene	0.06%
(E)-β-farnesene	0.06%
germacrene D	0.05%
β-elemene	0.02%
Other	**0.26%**
phenylacetonitrile	0.13%
indole	0.07%

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tricosane	0.03%
pentacosane	0.02%
heptacosane	0.01%
Oxide	**0.22%**
linalool (Z)-oxide	0.18%
(Z)-dehydroxylinalool oxide	0.02%
caryophyllene oxide	0.02%
Aldehyde	**0.12%**
geranial	0.08%
neral	0.04%
Furan	**0.04%**
perillene	0.04%
Ketone	**0.02%**
6-methyl-5-hepten-2-one	0.01%
geranylacetone	0.01%

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