

Neroli

Citrus aurantium var amara

Batch No. MO-59098

Morocco

Monoterpenes	44.92%
limonene	21.35
β pinene	10.22
(E) β ocimene	7.32
myrcene	2.44
α pinene	0.91
sabinene	0.87
(Z) β ocimene	0.70
terpinolene	0.48
γ terpinene	0.25
α terpinene	0.18
allo ocimene	0.12
camphene	0.05
α thujene	0.03

Monoterpenols	42.57%
linalol	32.14
α terpineol	4.88
geraniol	3.45
nerol	1.2
terpinen-4-ol	0.53
cis-Linalool oxide (5) (furanoid)	0.25
trans-linalool oxide (5) (furanoid)	0.12

Sesquiterpenes	1.01%
β caryophyllene	0.61
germacrene D	0.13
(E) β farnesene	0.1
bicyclogermacrene	0.09
δ elemene	0.08

Esters	8.03%
geranyl acetate	3.74
linalyl acetate	2.05
neryl acetate	1.86
methyl anthranilate	0.19
α terpinyl acetate	0.12
(E,E)-farnesyl acetate	0.07

Ketones	0.06%
6-methyl-5-hepten-2-one	0.03
geranylacetone	0.03

Sesquiterpenols	2.95%
(E,Z) farnesol	1.72
(E) Nerolidol	1.23

Other	0.08%
indole	0.08

Client



Source

Neroli (*Citrus aurantium amara*)

MO-59098

Total Percentage		99.62%		
Number	RT	Area %	Compound Name	Chemical Family
1	8.29	0.03%	alpha-Thujene	Monoterpene
2	8.55	0.91%	alpha-Pinene	Monoterpene
3	9.18	0.05%	Camphene	Monoterpene
4	10.15	0.87%	Sabinene	Monoterpene
5	10.34	10.22%	beta-Pinene	Monoterpene
6	10.79	0.03%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
7	10.91	2.44%	Myrcene	Monoterpene
8	12.04	0.18%	alpha-Terpinene	Monoterpene
9	12.68	21.35%	Limonene	Monoterpene
10	12.97	0.70%	(Z)-beta-Ocimene	Monoterpene
11	13.47	7.32%	(E)-beta-Ocimene	Monoterpene
12	13.91	0.25%	gamma-Terpinene	Monoterpene
13	14.59	0.25%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
14	15.15	0.48%	Terpinolene	Monoterpene
15	15.34	0.12%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
16	16.14	32.14%	Linalool	Monoterpenol
17	17.19	0.12%	Alloocimene	Monoterpene
18	19.58	0.53%	Terpinen-4-ol	Monoterpenol
19	20.33	4.88%	alpha-Terpineol	Monoterpenol
20	21.72	1.20%	Nerol	Monoterpenol
21	22.87	2.05%	Linalyl acetate	Monoterpene Ester
22	22.95	3.45%	Geraniol	Monoterpenol
23	24.55	0.08%	Indole	Indole
24	26.50	0.08%	delta-Elemene	Sesquiterpene
25	26.66	0.19%	Methyl anthranilate	Phenolic Ester
26	27.05	0.12%	alpha-Terpinyl acetate	Monoterpene Ester
27	27.66	1.86%	Neryl acetate	Monoterpene Ester
28	28.52	3.74%	Geranyl acetate	Monoterpene Ester
29	30.02	0.61%	beta-Caryophyllene	Sesquiterpene
30	31.35	0.03%	Geranylacetone	Monoterpene
31	31.54	0.10%	(E)-beta-Farnesene	Sesquiterpene
32	32.55	0.13%	Germacrene D	Sesquiterpene
33	33.14	0.09%	Bicyclogermacrene	Sesquiterpene
34	35.88	1.23%	(E)-Nerolidol	Sesquiterpenol
35	41.65	1.72%	(E,Z)-Farnesol	Sesquiterpenol

