



Jade Bloom

Certified GC-MS Report Prepared By Dr. Hussam Bdour

GC-MS Profiling Analysis Prepared for Jade Bloom, Inc

Date: November 26, 2018

Sample: Neroli

Type: Essential Oil

Source: *Citrus aurantium*

Batch: 180947565

Peak	Compound	RT	Area Sum %
1	Hexanol	7.054	0.01
2	α -Thujene	9.607	0.03
3	α -Pinene	9.887	0.42
4	Camphene	10.643	0.05
5	Benzaldehyde	11.363	0.02
6	Sabinene	12.218	1.43
7	β -Pinene	12.284	5.1
8	6-Methyl-5-heptene-2-one	13.277	0.03
9	β -Myrcene	13.487	1.72
10	α -Phellandrene	14.096	0.05
11	δ 3-carene	14.483	0.2
12	α -Terpinene	14.971	0.11
13	p-Cymene	15.533	0.06
14	Limonene	15.882	15.71
15	(Z)- β -Ocimene	16.769	1.14
16	(E)- β -Ocimene	17.494	2.74
17	γ -Terpinene	18.038	0.2
18	cis-Sabinene hydrate	18.596	0.03
19	cis-Linalool oxide	19.098	0.11
20	α -Terpinolene	20.235	0.36
21	trans-Linalool oxide	20.322	0.13
22	Linalool	21.792	42.34
23	Phenylethyl Alcohol	22.266	1.14
24	cis-para-Menth-2-en-1-ol	22.818	0.09
25	Allo-Ocimene	23.724	0.1
26	cis-p-Mentha-2,8-dien-1-ol	23.947	0.04
27	Benzeneacetonitrile	24.278	0.12
28	Camphor	24.395	0.03
29	Lilac aldehyde A	25.364	0.04
30	Citronellal	25.732	0.05
31	unknown	26.495	0.07
32	Terpinen-4-ol	27.237	0.33
33	α -Terpineol	28.507	4.53
34	2,6-dimethyl-3,7-Octadiene-2,6-diol	28.762	0.08
35	cis-Carveol	30.858	0.06
36	Nerol	31.847	0.84
37	Citronellol	32.092	0.19
38	Neral	32.832	0.07
39	Geraniol	34.367	2.08
40	Linalyl acetate	34.538	14.11
41	Geranial	35.409	0.08
42	Indole	36.814	0.16
43	Methyl anthranilate	40.618	0.22
44	α -Terpinyl acetate	41.68	0.07
45	Neryl acetate	43.339	0.88

46	Geranyl acetate	44.933	1.73
47	β -Caryophyllene	46.661	0.77
48	α -Humulene	49.297	0.13
49	(E)- β -Farnesene	50.49	0.11
50	Germacrene D	51.52	0.08
51	β -Selinene	51.829	0.03
52	Bicyclgermacrene	52.728	0.16
53	α -Muuroleone	53.273	0.04
54	(3E,6E)- α -Farnesene	54.453	0.04
55	δ -Cadinene	55.044	0.06
56	(E)-Nerolidol	58.468	0.87
57	Spathulenol	58.66	0.04
58	Caryophyllene oxide	58.952	0.11
59	unknown	64.42	0.04
60	(2E,6E)-Farnesol	64.906	0.5
61	(2E,6E)-Farnesal	65.228	0.02
62	unknown	65.403	0.02
63	m-Camphorene	67.706	0.02
64	unknown	68.047	0.02
65	Heptacosane	70.254	0.04
66	unknown	71.278	0.02
67	unknown	72.742	0.02
	Total identified		99.81

