



Lemongrass Essential Oil

Peak	Compound	RT	Area Sum %
1	Tricyclene	8.141	0.07
2	α -Pinene	8.719	0.12
3	Camphene	9.387	0.7
4	6-Methyl-5-heptene-2-one	11.82	1.24
5	β -Myrcene	12.043	0.05
6	unknown	12.417	0.04
7	Octanal	12.808	0.07
8	Limonene	14.213	0.21
9	(Z)- β -Ocimene	15.171	0.21
10	(E)- β -Ocimene	15.864	0.15
11	2,6-Dimethyl-5-heptenal (Melonal)	16.251	0.03
12	γ -Terpinene	16.387	0.02
13	4-Nonanone	17.673	0.72
14	α -Terpinolene	18.532	0.03
15	4-Nonanol	19.046	0.03
16	Rosefuran	19.517	0.21
17	Linalool	19.702	1.05
18	unknown	22.407	0.14
19	trans-Chrysanthemal	23.282	0.76
20	Citronellal	23.953	0.28
21	Borneol	24.407	0.11
22	(Z)-isocitral	24.932	1.49
23	Terpinen-4-ol	25.449	0.03
24	Rosefuran epoxide	25.79	0.28

25	Isogeranial	26.451	2.35
26	α -Terpineol	26.634	0.11
27	trans-Isopiperitenol	27.462	0.04
28	unknown	27.935	0.05
29	Decanal	28.347	0.13
30	cis-Isopiperitenol	28.972	0.05
31	Nerol	30.152	0.14
32	Citronellol	30.536	0.09
33	Neral	31.333	31
34	Geraniol	32.696	8
35	Geranial	33.997	40.16
36	Geranyl formate	36.432	0.04
37	Cyclosativene I	40.417	0.1
38	Cyclosativene II	40.689	0.11
39	α -Copaene	41.191	0.04
40	β -Cubebene	41.568	0.05
41	β -Bourbonene	42.142	0.04
42	cis- β -Elemene	42.442	0.04
43	β -Cubebene	42.843	0.11
44	Geranyl acetate	43.221	4.34
45	β -Caryophyllene	44.793	2.16
46	β -Copaene	45.646	0.04
47	α -Humulene	47.42	0.2
48	(E)-Isoeugenol	47.79	0.02
49	trans-Cadina-1(6),4-diene	49.272	0.05
50	Germacrene D	49.646	0.3

51	epi-Cubebol	50.877	0.06
52	α -Muurolene	51.46	0.04
53	γ -Cadinene	52.329	1.15
54	δ -Cadinene	53.229	0.42
55	(E)- γ -Bisabolene	54.082	0.09
56	Germacrene B	55.379	0.08
57	Caryophyllene oxide	57.112	0.35
58	Humulene oxide II	59.126	0.05
	Total identified		99.77%



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