



ESSENTIAL OIL
LEMONGRASS,
ORGANIC

**BOTANICAL
NAME**
CYMBOPOGON
FLEXUOSUS

ORIGIN
INDIA

Peak	Compound	RT	Area Sum %
1	cis-2-Hexenol	7.143	0.02
2	Tricyclene	9.187	0.12
3	α -Pinene	9.824	0.18
4	Camphene	10.565	0.97
5	6-Methyl-5-heptene-2-one	13.173	1.18
6	β -Myrcene	13.401	0.09
7	unknown	13.772	0.07
8	α -Phellandrene	14.038	0.01
9	Octanal	14.185	0.08
10	δ 3-carene	14.445	0.01
11	α -Terpinene	14.882	0.01
12	p-Cymene	15.435	0.01
13	Limonene + 1,8-Cineole	15.689	0.29
14	(Z)- β -Ocimene	16.67	0.33
15	(E)- β -Ocimene	17.382	0.22
16	2,6-Dimethyl-5-heptenal (Melonal)	17.768	0.03
17	γ -Terpinene	17.944	0.01
18	4-Nonanone	19.253	0.97
19	α -Terpinolene	20.137	0.08
20	4-Nonanol	20.61	0.04
21	Rosefuran	21.136	0.21
22	Linalool	21.338	1.2
23	unknown	21.857	0.04
24	unknown	22.086	0.01
25	unknown	22.849	0.02
26	unknown	24.073	0.16
27	trans-Chrysanthemal	24.964	0.42
28	Citronellal	25.607	0.24
29	Borneol	26.109	0.19
30	Isoneral	26.616	1.07
31	Terpinen-4-ol	27.146	0.06
32	Rosefuran epoxide	27.447	0.28
33	Isogeranial	28.147	1.56
34	α -Terpineol	28.368	0.17
35	trans-Isopiperitenol	29.162	0.04
36	unknown	29.634	0.04
37	Decanal	30.014	0.16
38	cis-Isopiperitenol	30.678	0.06
39	Nerol	31.972	0.22
40	Citronellol	32.358	0.12
41	Neral	33.231	29.81
42	Geraniol	34.707	9.49
43	Geranial	35.938	37.85
44	unknown	36.213	0.08
45	Geranyl formate	38.131	0.05

RED SILK ESSENTIALS





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46	unknown	39.852	0.03
47	Cyclosativene I	42.209	0.1
48	Cyclosativene II	42.455	0.11
49	α -Copaene	42.942	0.14
50	β -Cubebene	43.269	0.07
51	β -Bourbonene	43.847	0.1
52	cis- β -Elemene	44.215	0.05
53	β -Cubebene	44.575	0.06
54	Geranyl acetate	44.962	5.09
55	β -Caryophyllene	46.597	1.71
56	unknown	47.106	0.08
57	β -Copaene	47.417	0.05
58	α -Humulene	49.196	0.2
59	(E)-Isoeugenol	49.388	0.44
60	unknown	50.016	0.07
61	trans-Cadina-1(6),4-diene	51.002	0.08
62	Germacrene D	51.412	0.32
63	epi-Cubebol	52.562	0.13
64	α -Muurolene	53.172	0.04
65	γ -Cadinene	54.082	1.32
66	δ -Cadinene	54.934	0.3
67	(E)- γ -Bisabolene	55.714	0.25
68	Germacrene B	56.825	0.16
69	Caryophyllene oxide isomer	58.389	0.14
70	Caryophyllene oxide	58.835	0.38
71	Humulene oxide II	60.767	0.06
72	1-epi-Cubenol	62.14	0.04
73	Cubenol	62.731	0.04
74	unknown	66.531	0.04
75	unknown	67.66	0.03
76	unknown	68.14	0.01
77	unknown	68.448	0.02
78	unknown	68.692	0.03
79	unknown	69.016	0.04
	Total identified		99.30%