



Sri Venkatesh Aromas

Manufacturer/Exporter of USDA Organic Natural Oils, Spice Oils, Mint Oils, Cold Pressed, Carriers Oils, Floral Absolutes and Allied Products

GCMS Report of Organic Ginger Essential Oil

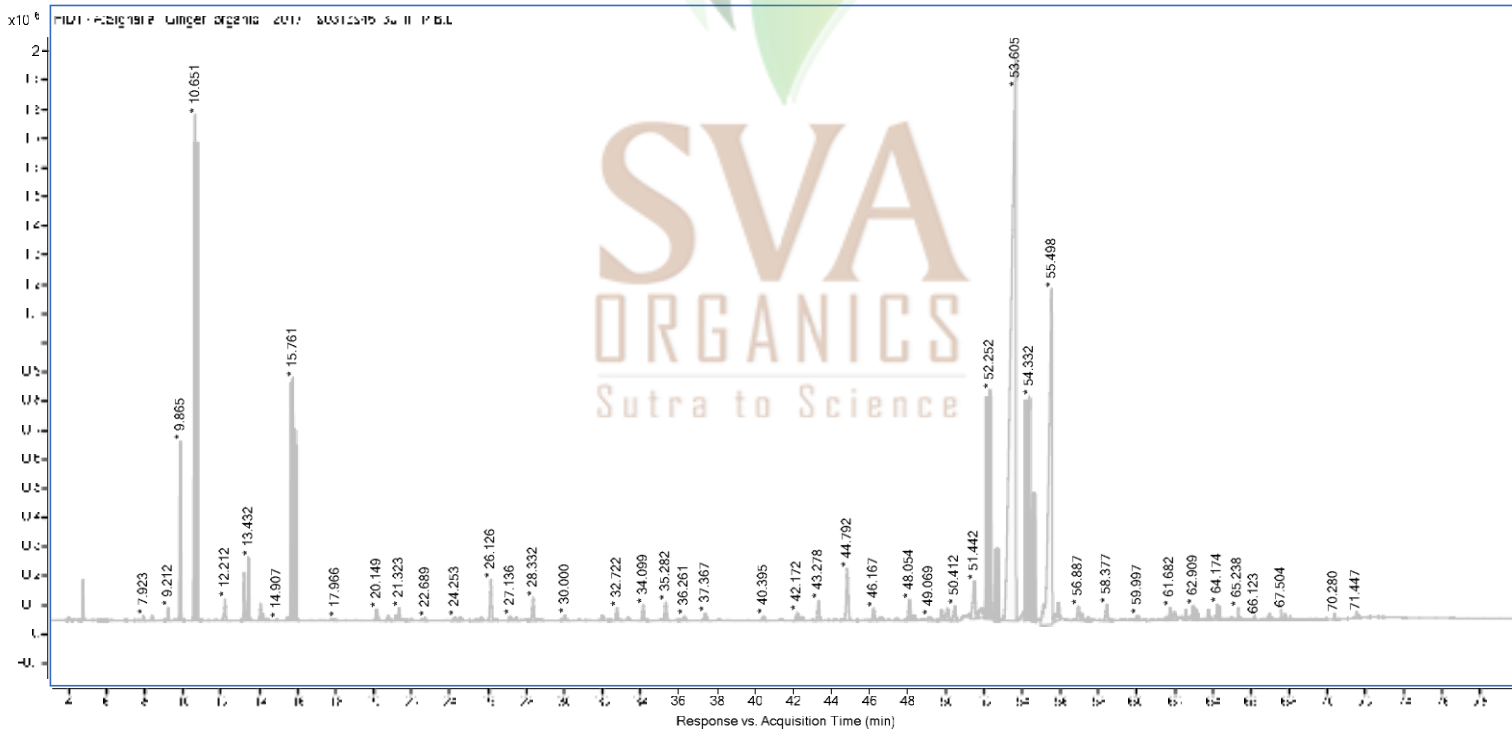
Product Name: Organic Ginger Essential Oil

Lot Number: SVA -- 190313946

Date : 11/01/2019



SVA
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Peak	Compound	RT	Area Sum%
1	2-Heptanone	7.923	0.06
2	2-Heptanol	8.37	0.08
3	Tricyclene	9.212	0.18
4	α -Pinene	9.865	2.41
5	α -Fenchene + Camphene	10.651	7.72
6	Sabinene + β -Pinene	12.212	0.4
7	6-Methyl-5-heptene-2-one	13.197	0.67
8	β -Myrcene	13.432	0.9
9	α -Phellandrene	14.055	0.27
10	Octanal	14.202	0.11
11	δ^3 -carene	14.43	0.05
12	unknown	14.907	0.03
13	p-Cymene	15.474	0.07
14	Limonene + β -Phellandrene	15.761	5.07
15	1,8-Cineole	15.882	2.82
16	γ -Terpinene	17.966	0.04
17	α -Terpinolene	20.149	0.22
18	trans-Linalool oxide	20.75	0.13
19	Rosefuran	21.143	0.11
20	Linalool	21.323	0.23
21	2-Nonanol	21.957	0.05
22	unknown	22.52	0.03
23	cis-para-Menth-2-en-1-ol	22.689	0.07
24	trans-para-Mentha-2-en-1-ol	24.179	0.03
25	Camphor	24.253	0.08
26	Camphene hydrate	24.543	0.08
27	Isoborneol	25.334	0.06
28	Citronellal	25.624	0.08
29	Borneol	26.126	0.81
30	Isoneral	26.342	0.04
31	Terpinen-4-ol	27.136	0.1
32	Rosefuran epoxide	27.451	0.08
33	α -Terpineol	28.332	0.46
34	Myrtenal	28.599	0.04
35	Myrtenol	28.768	0.04
36	Decanal	30	0.13
37	Citronellol	31.976	0.13
38	Neral	32.722	0.26
39	Geraniol	34.099	0.34
40	Geranial	35.282	0.38
41	Bornyl acetate	36.261	0.11
42	2-Undecanone	37.367	0.18
43	δ -Elemene	40.395	0.12
44	Citronellol acetate	42.172	0.2
45	Cyclosativene II	42.409	0.15
46	α -Copaene	43.278	0.48
47	β -Cubebene	44.548	0.05
48	β -Elemene	44.792	1.32
49	7-epi-Sesquithujene	46.167	0.28
50	β -Caryophyllene	46.544	0.14
51	β -Copaene	47.388	0.09

52	γ -Elemene	48.054	0.47
53	trans- α -Bergamotene	48.302	0.13
54	unknown	49.069	0.18
55	Alloaromadendrene	49.736	0.27
56	Sesquisabinene B	50.039	0.32
57	(E)- β -Farnesene	50.412	0.4
58	γ -Muurolene + Germacrene D	51.442	1.09
59	β -Selinene	51.832	0.43
60	Ar-Curcumene	52.252	6.86
61	unknown	52.664	2.27
62	α -Zingiberene	53.605	30.73
63	β -Bisabolene	54.332	6.96
64	(3E,6E)- α -Farnesene	54.568	4.4
65	β -Sesquiphellandrene	55.498	13.6
66	unknown	55.852	0.49
67	α -Elemol	56.887	0.32
68	Germacrene B	57.066	0.19
69	trans-Sesquisabinene hydrate	57.398	0.17
70	(E)-Nerolidol	58.377	0.46
71	unknown	59.997	0.15
72	unknown	61.682	0.28
73	unknown	61.921	0.22
74	cis-Zingiberenol	62.5	0.15
75	β -Eudesmol	62.909	0.2
76	γ -Eudesmol	63.022	0.18
77	α -Eudesmol	63.147	0.11
78	β -Bisabolol	63.699	0.19
79	trans-Zingiberenol	64.174	0.2
80	unknown	64.289	0.12
81	unknown	64.623	0.02
82	unknown	64.933	0.03
83	unknown	65.238	0.08
84	unknown	65.289	0.02
85	unknown	65.37	0.02
86	unknown	66.123	0.03
87	unknown	66.856	0.03
88	unknown	66.914	0.04
89	unknown	67.061	0.01
90	unknown	67.504	0.06
91	unknown	67.721	0.05
92	unknown	67.967	0.02
93	unknown	69.881	0.01
94	unknown	70.28	0.04
95	unknown	71.447	0.03
96	unknown	71.544	0.01
	Total identified		96.71%

Conclusion: - No adulterant, contaminant or diluents has been detected.



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