



Sri Venkatesh Aromas

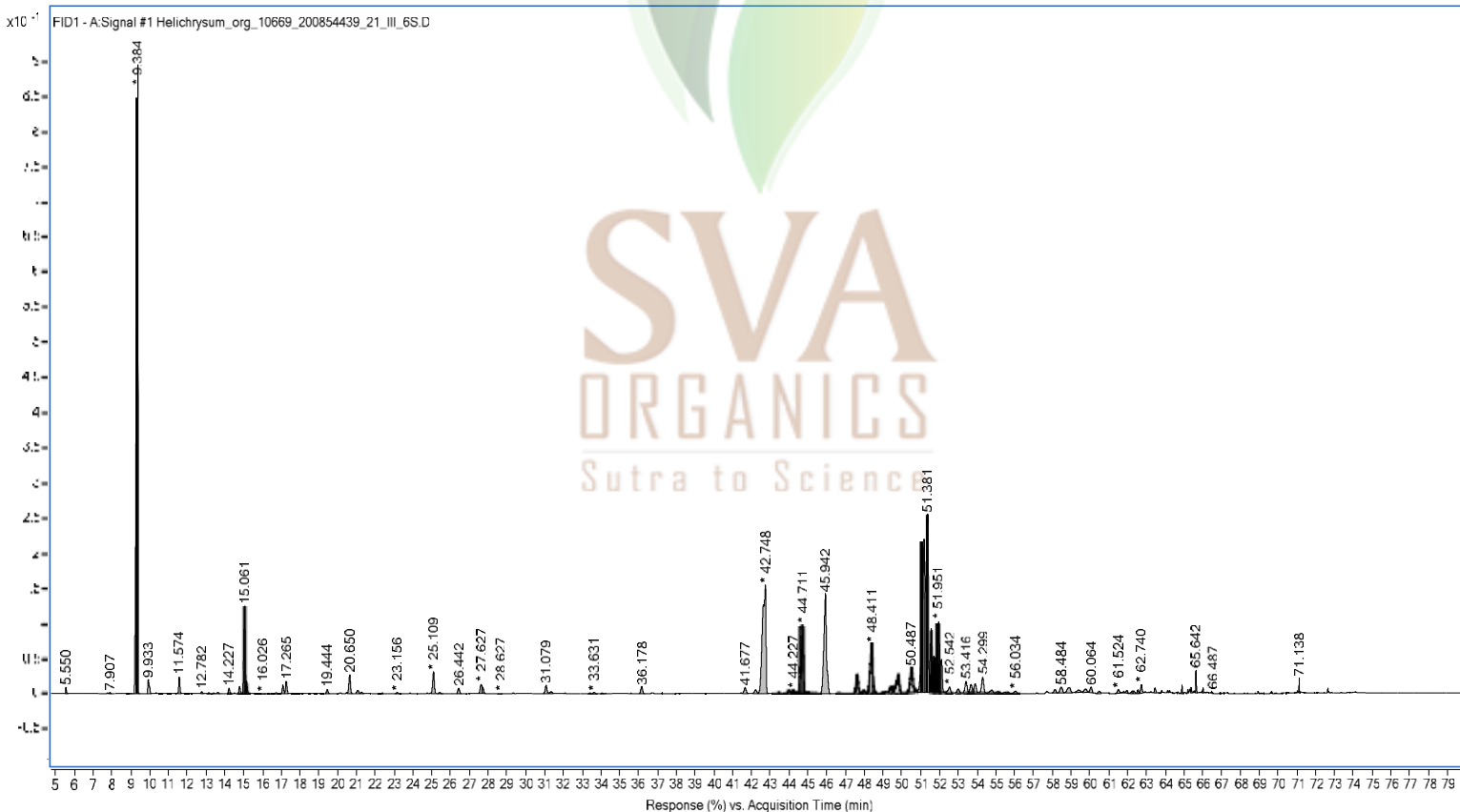
Manufacturer/Exporter of USDA Organic Natural Oils, Spice Oils, Mint Oils, Cold Pressed, Carriers Oils, Floral Absolutes and Allied Products

GCMS Report of Helichrysum Italicum Essential Oil

Product Name: Helichrysum Italicum Essential Oil

Lot Number: SVA -- 200854439

Date: 09/11/2020



Peak	Compound	RT	Area Sum %
1	4-Methyl-3-hexanone	5.55	0.12
2	Bornylene	7.907	0.03
3	α -Thujene	9.02	0.02
4	α -Pinene	9.384	24.12
5	Camphene	9.933	0.52
6	β -Pinene	11.574	0.51
7	β -Myrcene	12.782	0.07
8	unknown	13.158	0.03
9	α -Phellandrene	13.397	0.03
10	Isobutyl 2-methylbutyrate	13.64	0.05
11	α -Terpinene	14.227	0.18
12	p-Cymene	14.782	0.25
13	Limonene	15.061	3.07
14	1,8-Cineole	15.16	0.32
15	(Z)- β -Ocimene	16.026	0.02
16	(E)- β -Ocimene	16.72	0.04
17	Isobutyl angelate	17.085	0.3
18	γ -Terpinene	17.265	0.44
19	α -Terpinolene	19.444	0.16
20	Linalool	20.65	0.75
21	2-Methylbutyl 2-methylbutyrate	21.083	0.14
22	endo-Fenchol	21.274	0.05
23	trans-Pinocarveol	23.156	0.05
24	Isoamyl angelate	25.109	0.9
25	Borneol	25.422	0.06
26	Terpinen-4-ol	26.442	0.22
27	α -Terpineol	27.627	0.43
28	Dimethyl octanedione isomer	27.694	0.18
29	2-methylbutyl tiglate	28.627	0.03
30	Nerol	31.079	0.36
31	4,6-Dimethyloctane-3,5-dione	31.349	0.06
32	unknown	33.412	0.04
33	unknown	33.631	0.07
34	3-Methylamyl angelate	34.065	0.04
35	Hexyl angelate	36.178	0.34
36	Cyclosativene II	41.677	0.28
37	α -Ylangene	42.227	0.16
38	α -Copaene + Neryl acetate	42.748	9.26
39	unknown	44.013	0.18
40	Isoitalicene	44.227	0.17
41	Italicene	44.711	3.61
42	unknown	44.968	0.06
43	β -Caryophyllene	45.942	6.46
44	trans- α -Bergamotene	47.647	0.99
45	unknown	48.002	0.14
46	Italdione	48.411	2.82
47	α -Humulene	48.477	0.22

48	Aromandendrene	49.044	0.08
49	α -Acoradiene	49.41	0.39
50	β -Acoradiene	49.785	1.43
51	γ -Selinene	50.487	1.58
52	β -Selinene	51.181	9.72
53	γ -Curcumene	51.381	10.3
54	Ar-Curcumene	51.566	3.27
55	unknown	51.701	1.42
56	α -Selinene	51.951	4.56
57	unknown	52.1	1.38
58	α -Muurolene	52.542	0.41
59	unknown	53.009	0.2
60	γ -Cadinene	53.416	0.55
61	β -Curcumene	53.682	0.46
62	Italidione II isomer	53.902	0.48
63	δ -Cadinene	54.299	0.81
64	Italicene ether	54.777	0.23
65	(E)- γ -Bisabolene	55.075	0.1
66	α -Cadinene	55.153	0.05
67	α -Calacorene	55.482	0.07
68	Phenylethyl tiglate	55.657	0.07
69	(E)- α -Bisabolene	56.034	0.16
70	Caryophyllene oxide	58.148	0.22
71	Italidione III isomer	58.484	0.38
72	Italidione III isomer II	58.911	0.48
73	unknown	59.397	0.22
74	unknown	59.784	0.29
75	Rosifoliol analog	60.064	0.28
76	Selin-11-en-4 α -ol analog	60.491	0.08
77	unknown	61.524	0.2
78	1,10-Diepicubenol	61.807	0.08
79	unknown	61.962	0.1
80	unknown	62.252	0.09
81	τ -Cadinol	62.321	0.08
82	β -Eudesmol	62.553	0.1
83	Selin-11-en-4 α -ol	62.74	0.33
84	unknown	63.462	0.14
85	unknown	64.908	0.14
86	unknown	65.383	0.12
87	unknown	65.642	0.35
88	unknown	66.016	0.08
89	unknown	66.487	0.02
90	unknown	71.138	0.12
	Total identified		94.61%

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



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