



# Sri Venkatesh Aromas

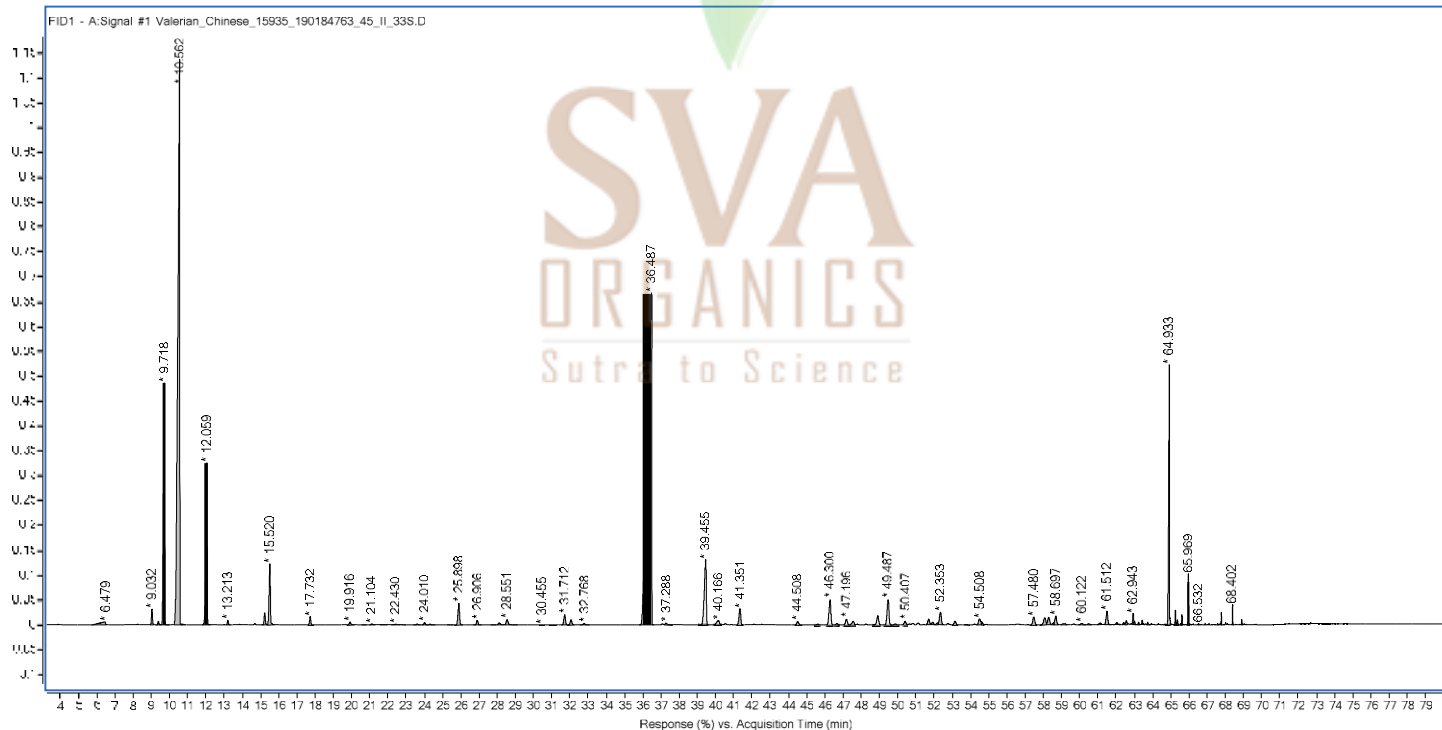
Manufacturer/Exporter of USDA Organic Natural Oils, Spice Oils, Mint Oils, Cold Pressed, Carriers Oils, Floral Absolutes and Allied Products

## GCMS Report of Valerian Essential Oil

**Product Name:** Valerian Essential Oil

**Lot Number:** SVA -- 190184763

**Date :** 11/11/2019



Peak	Compound	RT	Area Sum %
1	Isovaleric acid	6.479	0.37
2	Tricyclene	9.032	0.4
3	$\alpha$ -Thujene	9.392	0.11
4	$\alpha$ -Pinene	9.718	7.04
5	Camphene	10.562	26.39
6	$\beta$ -Pinene	12.059	4.94
7	$\beta$ -Myrcene	13.213	0.14
8	p-Cymene	15.236	0.37
9	Limonene	15.52	1.97
10	$\gamma$ -Terpinene	17.732	0.28
11	$\alpha$ -Terpinolene	19.916	0.11
12	$\alpha$ -Pinene oxide	20.644	0.01
13	Linalool	21.104	0.05
14	Isoamyl isovalerate	21.727	0.02
15	trans-2,8-p-Mentha-dien-1-ol	22.43	0.04
16	cis-para-Menth-2-en-1-ol	22.602	0.01
17	trans-p-Mentha-2,8-dienol	22.86	0.01
18	trans-Pinocarveol	23.613	0.05
19	Camphor	24.01	0.1
20	cis- $\beta$ -Terpineol	24.315	0.05
21	Pinocarvone	25.401	0.01
22	Borneol	25.898	0.88
23	Terpinen-4-ol	26.906	0.19
24	p-Cymen-8-ol	27.828	0.02
25	$\alpha$ -Terpineol	28.121	0.09
26	Myrtenal	28.357	0.01
27	Myrtenol	28.551	0.24
28	trans-Isopiperitenol	28.916	0.02
29	Fenchyl acetate <endo->	30.455	0.02
30	Bornyl formate	31.008	0.02
31	Thymol methyl ether analog II	31.712	0.42
32	Thymol methyl ether	32.061	0.23
33	Carvacrol methyl ether	32.768	0.08
34	Bornyl acetate	36.487	35.37
35	trans-Pinocarvyl acetate	37.288	0.1
36	Myrtenyl acetate	39.455	3.18
37	$\delta$ -Elemene	40.166	0.34
38	$\alpha$ -Terpinyl acetate	41.351	0.74
39	$\beta$ -Elemene	44.508	0.2
40	$\alpha$ -Gurjunene	45.612	0.05
41	$\beta$ -Caryophyllene	46.3	1.18
42	unknown	46.67	0.06
43	$\beta$ -Gurjunene	47.196	0.27
44	unknown	47.559	0.18
45	$\alpha$ -Humulene	48.921	0.5
46	unknown	49.487	1.19
47	Valerena-4,7(11)-diene	49.88	0.07
48	unknown	50.407	0.15

49	unknown	51.703	0.26
50	unknown	51.926	0.13
51	$\alpha$ -Selinene	52.241	0.09
52	Bicyclogermacrene	52.353	0.59
53	unknown	53.167	0.2
54	$\gamma$ -Cadinene	53.773	0.05
55	Kessane	54.508	0.31
56	unknown	54.606	0.11
57	Myrtenyl isovalerate	57.48	0.44
58	(E)-Nerolidol	58.084	0.4
59	Spathulenol	58.302	0.36
60	Caryophyllene oxide	58.59	0.06
61	Spathulenol	58.697	0.39
62	unknown	59.116	0.08
63	unknown	60.122	0.08
64	Humulene epoxide II	60.485	0.07
65	unknown	61.122	0.08
66	unknown	61.512	0.58
67	unknown	62.048	0.08
68	unknown	62.414	0.06
69	unknown	62.562	0.12
70	Selin-11-en-4 $\alpha$ -ol	62.943	0.27
71	$\alpha$ -Cadinol	63.022	0.07
72	unknown	63.243	0.05
73	unknown	63.441	0.09
74	unknown	63.743	0.05
75	unknown	63.855	0.01
76	unknown	64.704	0.03
77	Valerenal	64.933	5.26
78	unknown	65.269	0.18
79	unknown	65.379	0.07
80	$\beta$ -Costol	65.62	0.12
81	unknown	65.969	0.59
82	unknown	66.532	0.02
83	unknown	66.899	0.02
84	unknown	67.593	0.01
85	Cembrene A	67.792	0.12
86	unknown	68.402	0.19
87	unknown	68.909	0.05
	Total identified		95.51%

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



Head Office : T -2 / 202, Mangolpuri Industrial Area, Phase - 1, Delhi - 110083

Factory :- Plot No. 2,3,4, Pratappura Industrial Area, Post Orchha Dist. Tikamgarh,  
Madhya Pradesh - 472 246, India

Call: +91 8586004906 | Email: sva.naturals@gmail.com | Website: www.svanaturals.com