Date: April 13th, 2021

CERTIFICATE OF ANALYSIS - GC PROFILING

Sample identification: Myrrh Oil - JB2159-677112

Type: Essential oil

Source: Commiphora myrrha

ANALYSIS

Method: 10152018_10:1split.m - Analysis of the composition of an essential oil, or other volatile liquid, by GC-FID, identifications validated by GC-MS.
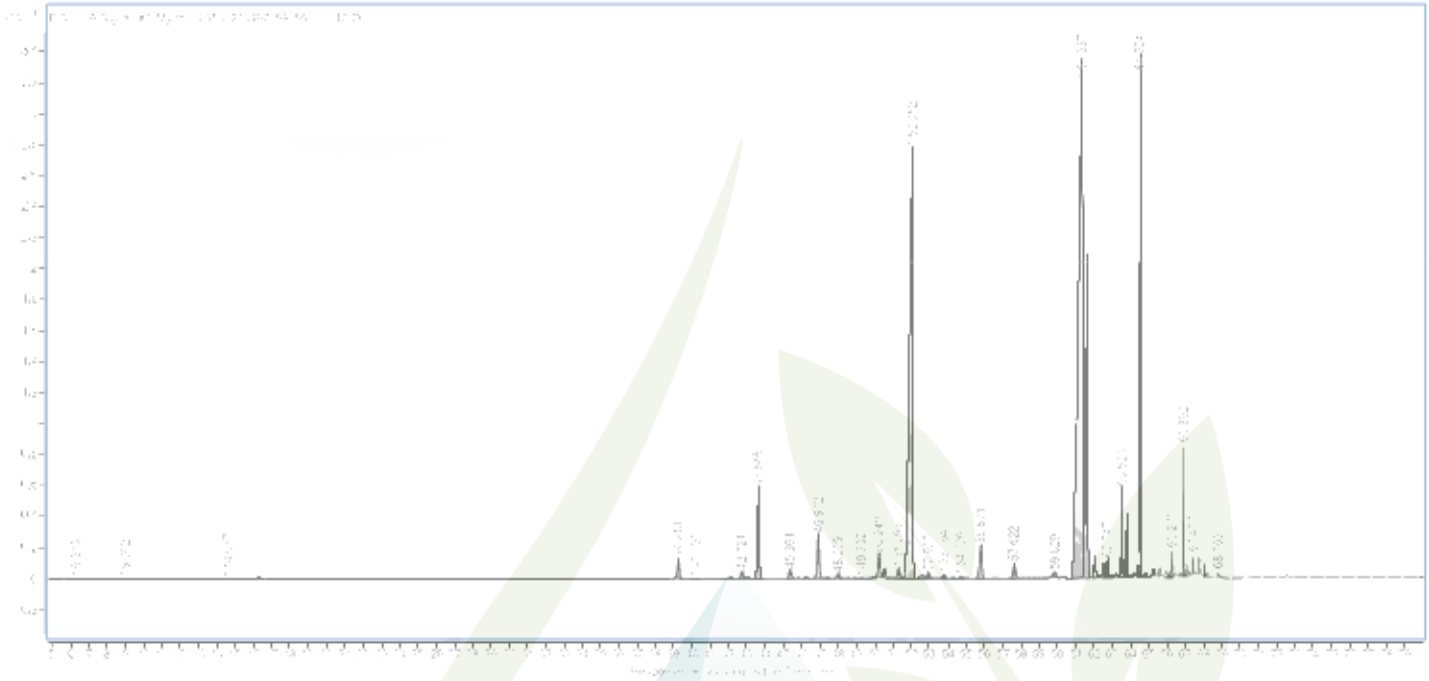
Analysis date: April 12th, 2021

Physical aspect: Light yellow viscous liquid

CONCLUSION

No adulterant, contaminant or diluent has been detected using this method.

Peak	Compound	RT	Area Sum %
1	cis-2-Hexenol	6.313	0.01
2	α-Pinene	9.002	0.01
3	Limonene	14.637	0.01
4	δ-Elemene	39.248	0.7
5	α-Cubebene	40.191	0.02
6	α-Ylangene	41.745	0.01
7	α-Copaene	42.107	0.08
8	β-Bourbonene	42.721	0.28
9	cis-β-Elemene	43.042	0.09
10	β-Elemene	43.646	3.37
11	β-Caryophyllene	45.361	0.39
12	β-Copaene	46.23	0.11
13	γ-Elemene	46.912	1.62
14	cis-Muurola-3,5-diene	47.415	0.06
15	α-Humulene	48.009	0.16
16	β-Santalene	49.036	0.03
17	β-Longipinene	49.302	0.04
18	γ-Gurjunene	49.607	0.03
19	γ-Muurolene	49.949	0.06
20	Germacrene D	50.24	0.93
21	β-Selinene	50.54	0.33
22	α-Selinene	51.293	0.42
23	Curzerene	52.052	25.16
24	unknown	52.594	0.16
25	γ-Cadinene	52.927	0.24
26	δ-Cadinene	53.794	0.17
27	trans-γ-Bisabolene	54.281	0.06
28	Selina-3,7(11)-diene	54.726	0.1
29	Germacrene B	55.801	1.38
30	unknown	57.622	0.56
31	β-Elemenone	59.829	0.24
32	Furanoeudesma-1,3-diene	61.337	36.83
33	Lindestrene	61.637	11.53
34	τ-Cadinol	62.042	0.59
35	α-Eudesmol	62.532	0.45
36	furanodiene	62.747	0.38
37	unknown	63.008	0.07
38	unknown	63.227	0.07
39	Isofuranogermacrene	63.523	1.45
40	unknown	63.704	0.43

41	α-Elemyl acetate	63.811	1.34
42	Germacron	63.9	0.06
43	Methoxyfuranodiene analog	64.524	7.17
44	unknown	65.578	0.2
45	unknown	65.785	0.04
46	unknown	65.963	0.08
47	unknown	66.072	0.06
48	unknown	66.177	0.1
49	unknown	66.271	0.34
50	unknown	66.687	0.1
51	4,4'-Dimethyl-2,2'-dimethylenebicyclohexyl-3,3'-diene	66.892	1.08
52	unknown	66.958	0.11
53	unknown	67.132	0.12
54	unknown	67.407	0.15
55	Furanoeudesma-1,3-diene	67.751	0.18
56	unknown	68.029	0.1
57	unknown	68.07	0.05
58	unknown	68.793	0.06
59	unknown	68.948	0.03
	Total identified		**97.17%**

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