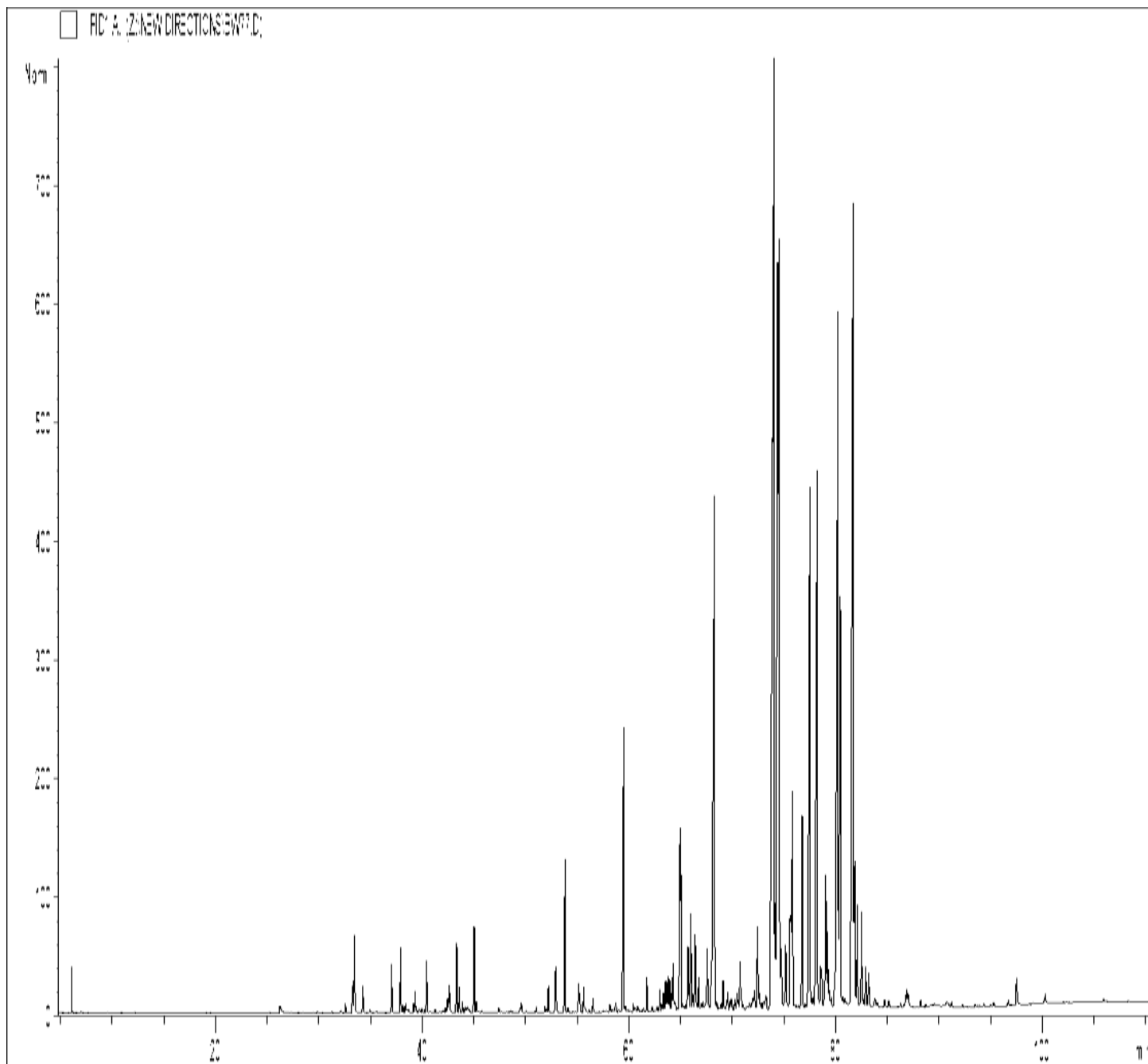


GCMS ANALYSIS

PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL - 50033

DATE: September 08, 2020



*Due to volume turnover, this report is not lot specific, It is representative of the quality of this oil produced by the manufacturer of this product, Specific lots may vary slightly as is the case in natural products,*

GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL - 50033

Peak	RT (min)	Component name	%
1	6,08	SANTENE	0,12
2	26,25	FURFURAL	0,09
3	29,84	CEDRENE ISOMER	0,01
4	31,26	BERGAMOTENE ISOMER	0,01
5	32,13	CEDRENE ISOMER	0,02
6	32,58	BERGAMOTENE ISOMER	0,06
7	33,26	alpha-CEDRENE	0,18
8	33,45	alpha-SANTALENE	0,50
9	34,26	alpha-trans-BERGAMOTENE	0,15
10	34,95	beta-CEDRENE	0,02
11	35,53	SANTALENE ISOMER	0,02
12	37,05	Epi-beta-SANTALENE	0,29
13	37,92	beta-SANTALENE	0,38
14	38,15	FARNESENE ISOMER	0,05
15	38,39	AROMATIC COMPOUND	0,06
16	38,66	FARNESENE ISOMER	0,02
17	39,15	SESQUITERPENE	0,05
18	39,31	CURCUMENE ISOMER	0,13
19	39,44	gamma-SELINENE	0,02
20	39,71	CURCUMENE ISOMER	0,04
21	39,96	E-beta-FARNESENE	0,03
22	40,22	SESQUITERPENE	0,02
23	40,42	gamma-CURCUMENE	0,30
24	41,24	AROMATIC COMPOUND	0,02
25	41,69	alpha-BULNESENE	0,01
26	41,97	beta-SELINENE	0,01
27	42,11	alpha-ZINGIBERENE	0,01
28	42,25	alpha-SELINENE	0,03
29	42,45	TERPENIC ESTER	0,11
30	42,60	beta-BISABOLENE	0,17

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL - 50033

Peak	RT (min)	Component name	%
31	42,65	CURCUMENE ISOMER	0,06
32	43,32	beta-CURCUMENE	0,40
33	43,58	SESQUITERPENE	0,14
34	43,89	alpha-FARNESENE	0,06
35	44,16	BERGAMOTENE ISOMER	0,03
36	44,36	SELINENE ISOMER	0,10
37	44,96	beta-SESQUIPELLANDRENE	0,08
38	45,02	alpha-CURCUMENE	0,45
39	45,23	alpha-BISABOLENE	0,08
40	45,74	SESQUITERPENIC EPOXIDE	0,02
41	47,40	DIMETHYL UNDECADIENONE ISOMER	0,04
42	48,53	PHOTOSANTALOL ISOMER	0,02
43	49,44	SESQUITERPENIC EPOXIDE	0,09
44	49,57	SANTALOL ISOMER	0,02
45	50,05	AROMATIC COMPOUND	0,02
46	51,04	SESQUITERPENE	0,03
47	51,86	AROMATIC COMPOUND	0,04
48	52,02	AROMATIC COMPOUND	0,03
49	52,21	AROMATIC COMPOUND	0,16
50	52,91	SESQUITERPENOL	0,39
51	53,82	DENDROLASIN	0,99
52	54,08	SESQUITERPENONE Mw=218	0,04
53	55,13	SESQUITERPENONE Mw=218	0,22
54	55,20	SESQUITERPENOL	0,09
55	55,62	SESQUITERPENOL	0,16
56	55,71	AROMATIC COMPOUND	0,05
57	56,15	AROMATIC COMPOUND	0,02
58	56,51	AROMATIC COMPOUND	0,09
59	58,15	SESQUITERPENOL	0,06
60	58,37	SESQUITERPENOL	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL - 50033

Peak	RT (min)	Component name	%
61	58,70	AROMATIC COMPOUND	0,08
62	58,99	SESQUITERPENONE Mw=218	0,03
63	59,50	NEROLIDOL	2,28
64	59,65	PHOTOSANTALOL ISOMER	0,06
65	60,41	PHOTOSANTALOL ISOMER	0,06
66	60,83	SESQUITERPENOL	0,06
67	61,72	GUAJOL	0,21
68	62,99	10-épi-gamma-EUDESOL	0,14
69	63,34	AROMATIC COMPOUND	0,12
70	63,54	SESQUITERPENIC EPOXIDE	0,23
71	63,76	AROMATIC COMPOUND	0,29
72	63,93	SESQUITERPENIC EPOXIDE	0,22
73	64,12	SESQUITERPENOL	0,12
74	64,26	SANTALOL ISOMER	0,38
75	64,95	epi-beta-BISABOLOL	1,57
76	65,03	beta-BISABOLOL	0,55
77	65,72	alpha-SANTALAL	0,45
78	65,75	SESQUITERPENOL	0,15
79	65,99	alpha-SANTALYL ACETATE	0,63
80	66,18	SESQUITERPENOL	0,15
81	66,39	SANTALIC COMPOUND Mw=216	0,66
82	66,75	SANTALIC COMPOUND Mw=216	0,24
83	67,18	SESQUITERPENOL	0,08
84	67,58	BULNESOL	0,60
85	68,02	alpha-BISABOLOL	0,29
86	68,27	<b>Epi-alpha-BISABOLOL</b>	<b>6,07</b>
87	68,49	SESQUITERPENOL	0,06
88	68,93	beta-EUDESOL	0,05
89	69,11	SESQUITERPENONE Mw=218	0,27
90	69,55	SANTALOL ISOMER	0,18

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL - 50033

Peak	RT (min)	Component name	%
91	69,77	SESQUITERPENOL	0,07
92	69,89	EUDESMA-7(11)-EN-4-OL	0,12
93	70,24	SANTALOL ISOMER	0,08
94	70,45	AROMATIC COMPOUND	0,14
95	70,54	COMPOUND Mw=222	0,05
96	70,75	FARNESYL ACETATE	0,32
97	70,81	BERGAMOTOL ISOMER	0,11
98	71,04	COMPOUND Mw=222	0,04
99	72,13	SANTALOL ISOMER	0,18
100	72,43	BERGAMOTENE ISOMER	0,66
101	72,61	SESQUITERPENOL Mw=222	0,14
102	73,02	AROMATIC COMPOUND	0,09
103	73,27	BERGAMOTENE ISOMER	0,18
104	74,05	<b>Z-alpha-SANTALOL</b>	<b>15,50</b>
105	74,16	BERGAMOTOL ISOMER	0,58
106	74,38	<b>Z-alpha,trans-BERGAMOTOL</b>	<b>6,90</b>
107	74,55	<b>FARNESOL</b>	<b>7,07</b>
108	74,73	BERGAMOTOL ISOMER	0,57
109	75,16	BERGAMOTOL ISOMER	0,69
110	75,59	E-gamma-CURCUMENE-12-OL	1,08
111	79,58	SANTALOL ISOMER	1,63
112	79,65	BERGAMOTOL ISOMER	0,20
113	76,77	<b>Epi-beta-SANTALOL</b>	<b>1,36</b>
114	77,51	<b>Z-beta-SANTALOL</b>	<b>5,50</b>
115	77,79	SANTALOL ISOMER	0,14
116	78,22	<b>Z-gamma-CURCUMENE-12-OL</b>	<b>5,92</b>
117	78,55	SANTALOL ISOMER	0,32
118	78,65	BERGAMOTOL ISOMER	0,27
119	79,05	SANTALOL ISOMER	1,03
120	79,16	BERGAMOTOL ISOMER	0,46

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL - 50033

Peak	RT (min)	Component name	%
121	79,28	BERGAMOTOL ISOMER	0,30
122	80,22	<b>E-beta-CURCUMENE-12-OL</b>	<b>7,65</b>
123	80,44	<b>LANCEOL</b>	<b>3,51</b>
124	81,70	<b>NUCIFEROL</b>	<b>9,87</b>
125	81,85	BERGAMOTOL ISOMER	1,29
126	82,09	SANTALOL ISOMER	0,69
127	82,51	AROMATIC SESQUITERPENOL	0,73
128	82,91	BERGAMOTOL ISOMER	0,33
129	83,21	SESQUITERPENONE Mw=218	0,32
130	86,85	AROMATIC COMPOUND	0,38
131	97,49	AROMATIC COMPOUND	0,28
		<b>TOTAL</b>	<b>99,96</b>

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