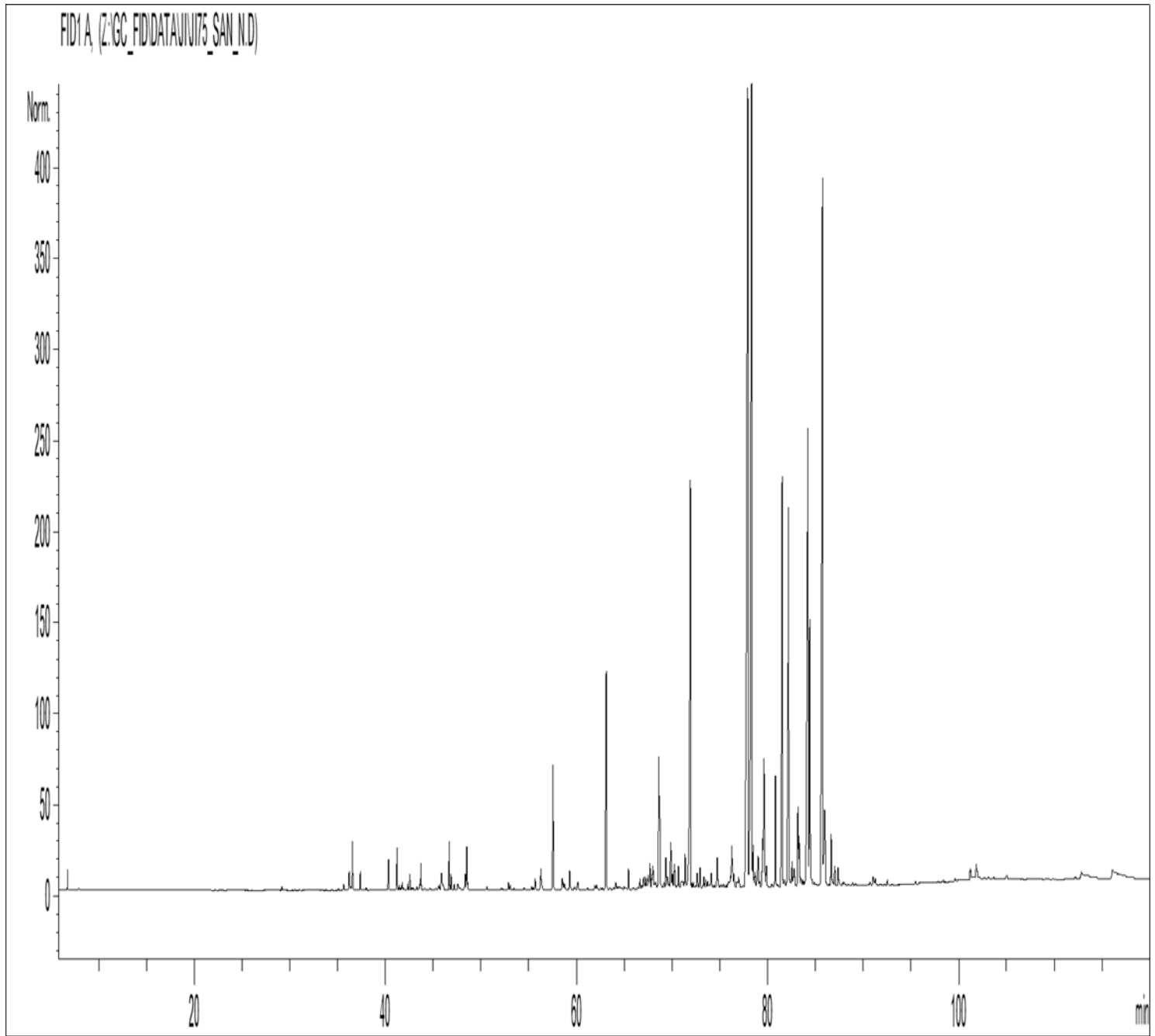


GCMS ANALYSIS

PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL – 50033

DATE: September 12, 2023



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	6,71	SANTENE	0,09
2	29,15	FURFURAL	0,05
3	35,08	CEDRENE ISOMER	0,03
4	35,61	BERGAMOTENE ISOMER	0,06
5	36,20	alpha-CEDRENE	0,19
6	36,32	alpha-cis-BERGAMOTENE	0,02
7	36,55	alpha-SANTALENE	0,51
8	37,36	alpha-trans-BERGAMOTENE	0,17
9	37,98	beta-CEDRENE	0,03
10	38,68	SANTALENE ISOMER	0,02
11	40,30	Epi-beta-SANTALENE	0,32
12	41,20	beta-SANTALENE	0,44
13	41,44	FARNESENE ISOMER	0,04
14	41,55	alpha-ACORADIENE	0,01
15	41,74	E-beta-FARNESENE	0,07
16	42,33	SESQUITERPENE	0,06
17	42,54	CURCUMENE ISOMER	0,16
18	42,74	gamma-SELINENE	0,02
19	42,88	CURCUMENE ISOMER	0,03
20	43,27	CURCUMENE ISOMER	0,03
21	43,60	Z-beta-FARNESENE	0,03
22	43,71	gamma-CURCUMENE	0,26
23	44,08	SESQUITERPENE	0,01
24	44,67	SESQUITERPENE	0,03
25	45,26	AROMATIC COMPOUND	0,01
26	45,50	CURCUMENE ISOMER	0,04
27	45,60	SESQUITERPENE	0,04
28	45,81	beta-BISABOLENE	0,20
29	45,89	SESQUITERPENE	0,06
30	46,04	SESQUITERPENE	0,04

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GCMS ANALYSIS (cont'd,)
PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL – 50033

Peak	RT (min)	Component name	%
31	46,67	beta-CURCUMENE	0,48
32	46,86	SESQUITERPENE	0,15
33	47,20	SESQUITERPENE	0,05
34	47,32	FARNESENE ISOMER	0,01
35	47,57	E,E-alpha-FARNESENE	0,12
36	48,34	beta-SESQUIPELLANDRENE	0,17
37	48,49	alpha-CURCUMENE	0,48
38	50,61	KETONIC COMPOUND	0,04
39	52,12	SESQUITERPENIC EPOXIDE	0,03
40	52,26	COMPOUND Mw=216	0,01
41	52,87	SESQUITERPENE	0,08
42	53,06	AROMATIC COMPOUND	0,05
43	53,41	SESQUITERPENIC EPOXIDE	0,02
44	54,54	8,14-CEDRANOXIDE	0,03
45	55,29	SESQUITERPENOL	0,03
46	55,44	SESQUITERPENIC EPOXIDE	0,01
47	55,67	AROMATIC COMPOUND	0,14
48	56,26	AROMATIC COMPOUND	0,25
49	56,31	CURCUMENE ISOMER	0,10
50	57,54	DENDROLASIN	1,33
51	58,48	SESQUITERPENONE	0,10
52	58,58	SESQUITERPENIC EPOXIDE	0,04
53	58,71	SESQUITERPENIC EPOXIDE	0,04
54	59,00	AROMATIC COMPOUND	0,01
55	59,27	SESQUITERPENONE	0,26
56	59,78	SESQUITERPENIC EPOXIDE	0,03
57	60,11	SESQUITERPENONE	0,10
58	60,35	SESQUITERPENONE	0,02
59	61,14	SESQUITERPENONE	0,02
60	61,89	AROMATIC COMPOUND	0,06

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GCMS ANALYSIS (cont'd,)
PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL – 50033

Peak	RT (min)	Component name	%
61	62,07	SESQUITERPENONE	0,05
62	62,17	SESQUITERPENONE	0,04
63	62,52	SESQUITERPENONE	0,01
64	62,69	SESQUITERPENIC EPOXIDE	0,02
65	63,09	NEROLIDOL	2,37
66	63,48	COMPOUND Mw=238	0,01
67	63,53	SESQUITERPENONE	0,01
68	63,83	SESQUITERPENIC EPOXIDE	0,02
69	64,09	CEDRENOL ISOMER	0,07
70	64,26	SESQUITERPENIC EPOXIDE	0,02
71	64,46	AROMATIC COMPOUND	0,03
72	64,98	SESQUITERPENOL	0,05
73	65,18	SESQUITERPENOL	0,03
74	65,43	GUAIOL	0,20
75	65,68	SESQUITERPENOL	0,01
76	65,89	SESQUITERPENIC EPOXIDE	0,02
77	65,92	SESQUITERPENOL	0,02
78	66,42	SESQUITERPENONE	0,01
79	66,64	BISABOLOL ISOMER	0,12
80	66,84	AROMATIC COMPOUND	0,02
81	67,02	SESQUITERPENOL	0,11
82	67,23	AROMATIC COMPOUND	0,10
83	67,49	AROMATIC COMPOUND	0,18
84	67,68	BERGAMOTOL ISOMER	0,26
85	67,87	BISABOLOL OXIDE ISOMER	0,09
86	68,23	AROMATIC COMPOUND	0,04
87	68,61	Epi-beta-BISABOLOL	1,70
88	68,70	beta-BISABOLOL	0,61
89	69,16	SESQUITERPENIC EPOXIDE	0,06
90	69,36	SESQUITERPENIC EPOXIDE	0,33

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GCMS ANALYSIS (cont'd,)
PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL – 50033

Peak	RT (min)	Component name	%
91	69,53	SESQUITERPENIC EPOXIDE	0,10
92	69,68	EUDESMOL ISOMER	0,02
93	69,85	alpha-SANTALAL	0,55
94	70,05	SESQUITERPENOL	0,11
95	70,24	SESQUITERPENOL	0,27
96	70,66	SANTALOL ISOMER	0,25
97	70,96	CURCUMENOL ISOMER	0,12
98	71,11	CURCUMENOL ISOMER	0,07
99	71,35	BULNESOL	0,35
100	71,73	alpha-BISABOLOL	0,33
101	71,91	Epi-alpha-BISABOLOL	5,84
102	72,07	ALPHATIC ESTER	0,04
103	72,25	beta-EUDESMOL	0,06
104	72,62	LACTONE COMPOUND Mw=166	0,17
105	72,91	SESQUITERPENIC COMPOUND Mw=234	0,27
106	73,32	EUDESMA-7-EN-4-OL	0,16
107	73,50	SANTALOL ISOMER	0,09
108	73,71	SESQUITERPENOL	0,10
109	73,90	CURCUMENOL ISOMER	0,01
110	74,09	FARNESYL ACETATE	0,23
111	74,41	SESQUITERPENIC EPOXIDE	0,03
112	74,73	DIMETHYL METHYLPENTENYL NORBORNANOL	0,41
113	75,03	SANTALOL ISOMER	0,03
114	75,38	SANTALOL ISOMER	0,04
115	75,91	SESQUITERPENOL	0,04
116	76,11	SESQUITERPENOL	0,08
117	76,25	CURCUMENOL ISOMER	0,61
118	76,48	CURCUMENOL ISOMER	0,15
119	76,97	CURCUMENOL ISOMER	0,26
120	77,41	SESQUITERPENOL	0,03

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GCMS ANALYSIS (cont'd,)
PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL – 50033

Peak	RT (min)	Component name	%
121	77,68	SESQUITERPENIC EPOXIDE	0,70
122	77,93	Z-alpha-SANTALOL	15,71
123	78,31	E,E-FARNESOL	14,84
124		Z-alpha-trans-BERGAMOTOL	
125	78,47	BERGAMOTOL ISOMER	0,36
126	78,67	SESQUITERPENIC EPOXIDE	0,13
127	78,99	SESQUITERPENIC EPOXIDE	0,43
128	79,17	SESQUITERPENIC EPOXIDE	0,06
129	79,48	E-gamma-CURCUMENE-12-OL	0,63
130	79,62	CURCUMENIC COMPOUND Mw=238	1,97
131	79,85	BERGAMOTOL ISOMER	0,25
132	80,43	SESQUITERPENIC EPOXIDE	0,04
133	80,80	Epi-beta-SANTALOL	1,31
134	81,00	SESQUITERPENOL	0,02
135	81,51	Z-beta-SANTALOL	5,50
136	81,78	SANTALOL ISOMER	0,10
137	82,17	BERGAMOTOL ISOMER	5,28
138	82,54	SESQUITERPENIC EPOXIDE	0,23
139	82,67	SESQUITERPENOL	0,07
140	82,77	SANTALOL ISOMER	0,22
141	83,17	Z-gamma-CURCUMENE-12-OL	0,92
142	83,29	SANTALOL ISOMER	0,58
143	83,49	BERGAMOTOL ISOMER	0,07
144	84,04	SANTALOL ISOMER	1,10
145	84,19	E-beta-CURCUMENE-12-OL	6,27
146	84,41	Z-LANCEOL	3,13
147	85,72	Z-NUCIFEROL	10,73
148	85,96	BERGAMOTOL ISOMER	1,18
149	86,40	DITERPENE	0,02
150	86,65	SESQUITERPENIC EPOXIDE	0,67

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GCMS ANALYSIS (cont'd,)
PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL – 50033

Peak	RT (min)	Component name	%
151	87,01	SESQUITERPENIC EPOXIDE	0,26
152	87,37	SESQUITERPENONE	0,23
153	87,49	ALIPHATIC ESTER	0,01
154	88,00	CURCUMENOL ISOMER	0,04
155	88,48	SESQUITERPENIC EPOXIDE	0,02
156	88,89	SESQUITERPENIC EPOXIDE	0,05
157	89,19	SESQUITERPENIC EPOXIDE	0,03
158	89,47	SESQUITERPENONE	0,02
159	90,23	SESQUITERPENIC EPOXIDE	0,02
160	90,52	SESQUITERPENIC EPOXIDE	0,03
161	90,70	AROMATIC COMPOUND	0,05
162	91,03	ALIPHATIC ESTER	0,14
163	91,09	SESQUITERPENIC EPOXIDE	0,04
164	91,26	SESQUITERPENIC EPOXIDE	0,11
165	91,74	AROMATIC COMPOUND	0,02
166	92,54	SESQUITERPENIC EPOXIDE	0,10
167	93,00	AROMATIC COMPOUND	0,02
168	95,48	AROMATIC COMPOUND	0,03
169	96,41	AROMATIC COMPOUND	0,05
170	97,84	AROMATIC COMPOUND	0,03
171	98,35	AROMATIC COMPOUND	0,03
172	99,64	FARNESYL COMPOUND	0,04
173	99,86	SESQUITERPENIC EPOXIDE	0,03
174	101,83	SESQUITERPENIC EPOXIDE	0,34
175	102,59	SESQUITERPENIC EPOXIDE	0,24
176	105,03	SESQUITERPENIC EPOXIDE	0,06
		TOTAL	99,32

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