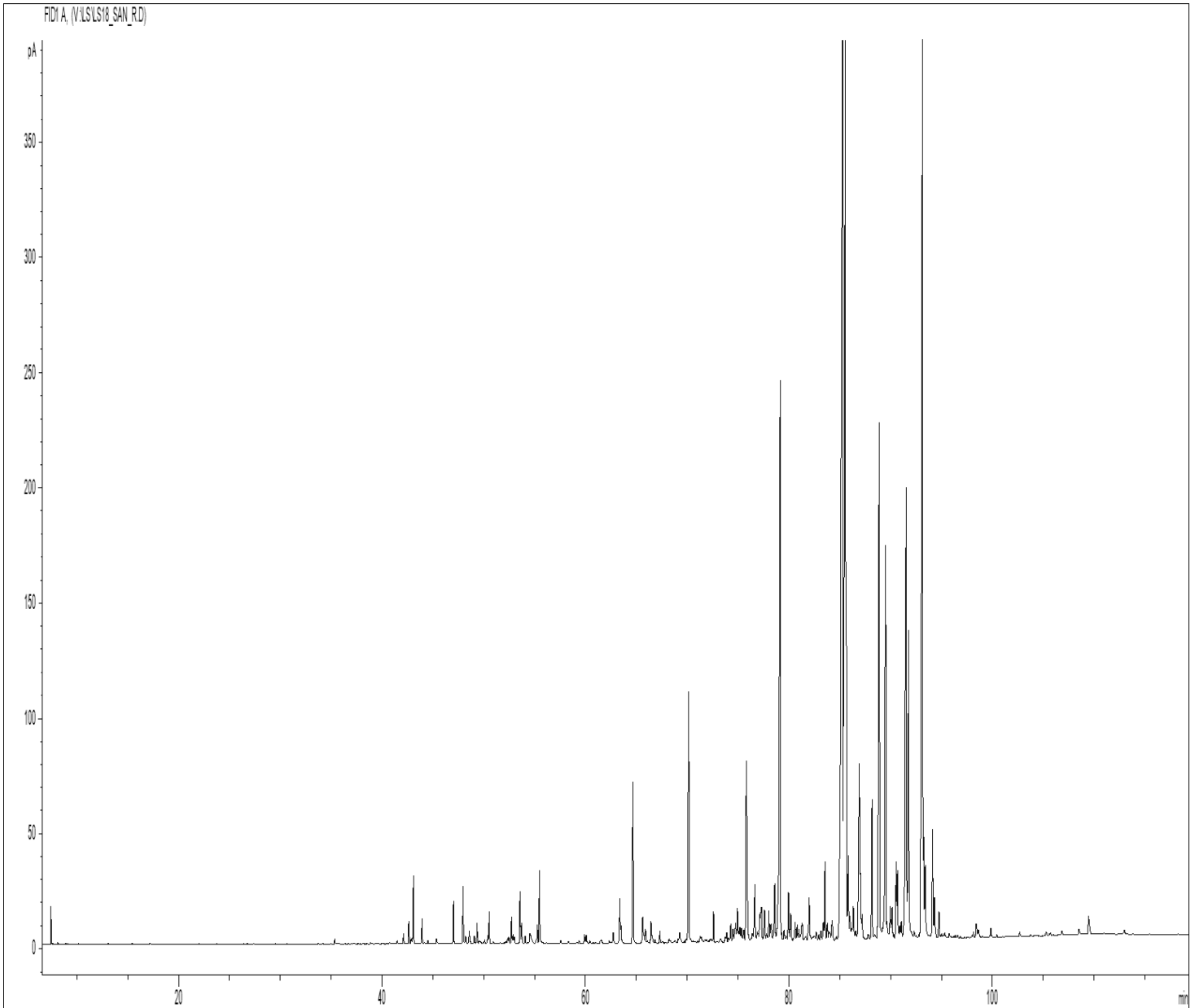


GCMS ANALYSIS

PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL
DATE: May 16, 2024



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

Peak	RT (min)	Component name	%
1	7,46	SANTENE	0,15
2	35,33	FURFURAL	0,03
3	41,48	CEDRENE ISOMER	0,02
4	42,09	BERGAMOTENE ISOMER	0,07
5	42,64	alpha-CEDRENE	0,16
6	42,85	alpha-cis-BERGAMOTENE	0,05
7	43,09	alpha-SANTALENE	0,48
8	43,94	alpha-trans-BERGAMOTENE	0,16
9	44,54	CEDRENE ISOMER	0,02
10	45,36	SESQUITERPENE	0,04
11	47,04	Epi-beta-SANTALENE	0,30
12	47,97	beta-SANTALENE	0,42
13	48,22	FARNESENE ISOMER	0,07
14	48,58	FARNESENE ISOMER	0,13
15	49,09	E-beta-FARNESENE	0,04
16	49,34	CURCUMENE ISOMER	0,14
17	49,56	gamma-SELINENE	0,02
18	49,68	CURCUMENE ISOMER	0,02
19	50,10	Z-beta-FARNESENE	0,02
20	50,41	CURCUMENE ISOMER	0,07
21	50,54	gamma-CURCUMENE	0,21
22	52,15	alpha-SELINENE	0,02
23	52,37	alpha-ZINGIBERENE	0,04
24	52,47	SESQUITERPENE	0,05
25	52,74	beta-BISABOLENE	0,20
26	52,89	SESQUITERPENE	0,07
27	53,02	SESQUITERPENE	0,05
28	53,58	beta-CURCUMENE	0,36
29	53,73	SESQUICINEOLE	0,14
30	54,09	E,E-alpha-FARNESENE	0,05

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use, The information contained in this document is obtained from current and reliable sources, New Directions Aromatics Inc, provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy, Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose, The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties, As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained, The liability of New Directions Aromatics Inc, is limited to the value of the goods and does not include any consequential loss, New Directions Aromatics Inc, shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon, New Directions Aromatics Inc, shall not be responsible for any damages resulting from use of or reliance upon this information, In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario, Canada,

GCMS ANALYSIS (cont'd,)

PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL

Peak	RT (min)	Component name	%
31	54,55	BERGAMOTENE ISOMER	0,18
32	55,18	p-METHYLACETOPHENONE	0,02
33	55,28	beta-SESQUIPELLANDRENE	0,13
34	55,48	alpha-CURCUMENE	0,41
35	55,49	trans-alpha-BISABOLENE	0,13
36	57,56	CEDRANOXIDE ISOMER	0,03
37	59,37	SESQUITERPENIC COMPOUND	0,02
38	59,90	8,14-CEDRANOXIDE	0,07
39	60,07	E-GERANYL ACETONE	0,07
40	60,44	AROMATIC COMPOUND	0,02
41	61,56	SESQUITERPENIC COMPOUND	0,04
42	62,75	AROMATIC COMPOUND	0,09
43	63,37	AROMATIC COMPOUND	0,37
44	63,49	AROMATIC COMPOUND	0,14
45	64,67	DENDROLASIN	1,28
46	65,63	SESQUITERPENONE	0,23
47	65,75	AROMATIC COMPOUND	0,06
48	65,90	SESQUITERPENIC OXIDE	0,11
49	66,45	SESQUITERPENIC OXIDE	0,19
50	66,55	AROMATIC COMPOUND	0,05
51	66,83	SESQUITERPENIC COMPOUND	0,03
52	67,32	SESQUITERPENIC COMPOUND	0,09
53	68,22	SESQUITERPENIC COMPOUND	0,03
54	68,37	SESQUITERPENIC COMPOUND	0,02
55	68,84	SESQUITERPENIC COMPOUND	0,03
56	69,12	SESQUITERPENIC COMPOUND	0,03
57	69,25	SESQUITERPENIC COMPOUND	0,13
58	69,90	SESQUITERPENIC COMPOUND	0,02
59	70,15	NEROLIDOL	1,93
60	71,28	SESQUITERPENIC COMPOUND	0,07

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use, The information contained in this document is obtained from current and reliable sources, New Directions Aromatics Inc, provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy, Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose, The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties, As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained, The liability of New Directions Aromatics Inc, is limited to the value of the goods and does not include any consequential loss, New Directions Aromatics Inc, shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon, New Directions Aromatics Inc, shall not be responsible for any damages resulting from use of or reliance upon this information, In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario, Canada,

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

Peak	RT (min)	Component name	%
61	71,41	SESQUITERPENIC OXIDE	0,05
62	71,76	AROMATIC COMPOUND	0,04
63	71,92	SESQUITERPENOL	0,04
64	72,27	SESQUITERPENOL	0,04
65	72,43	AROMATIC COMPOUND	0,03
66	72,59	GUAIOL	0,23
67	73,23	SESQUITERPENIC COMPOUND	0,02
68	73,30	CURCUMENIC COMPOUND	0,04
69	73,73	SESQUITERPENIC OXIDE	0,06
70	73,87	BISABOLOL ISOMER	0,09
71	74,03	CEDROL	0,04
72	74,12	SESQUITERPENIC COMPOUND	0,02
73	74,26	AROMATIC COMPOUND	0,16
74	74,49	SESQUITERPENOL	0,14
75	74,75	AROMATIC COMPOUND	0,25
76	74,93	SESQUITERPENIC COMPOUND	0,31
77	75,04	SESQUITERPENONE	0,08
78	75,17	BISABOLOL A OXIDE	0,14
79	75,31	alpha-BISABOLOL B OXIDE	0,14
80	75,55	SESQUITERPENIC COMPOUND	0,16
81	75,81	Epi-beta-BISABOLOL	1,68
82	75,88	beta-BISABOLOL	0,59
83	76,00	SESQUITERPENIC COMPOUND	0,07
84	76,40	SESQUITERPENIC COMPOUND	0,14
85	76,63	alpha-SANTALAL	0,58
86	76,87	gamma-EUDESOL	0,09
87	76,96	SESQUITERPENONE	0,06
88	77,11	SESQUITERPENIC COMPOUND	0,24
89	77,29	SESQUITERPENIC COMPOUND	0,48
90	77,58	COMPOUND Mw=216	0,35

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use, The information contained in this document is obtained from current and reliable sources, New Directions Aromatics Inc, provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy, Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose, The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties, As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained, The liability of New Directions Aromatics Inc, is limited to the value of the goods and does not include any consequential loss, New Directions Aromatics Inc, shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon, New Directions Aromatics Inc, shall not be responsible for any damages resulting from use of or reliance upon this information, In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario, Canada,

GCMS ANALYSIS (cont'd,)

PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL

Peak	RT (min)	Component name	%
91	77,79	SESQUITERPENIC COMPOUND	0,09
92	78,01	SESQUITERPENIC COMPOUND	0,27
93	78,22	SESQUITERPENIC OXIDE	0,26
94	78,58	BULNESOL	0,59
95	79,13	alpha-BISABOLOL	0,36
96	79,14	Epi-alpha-BISABOLOL	6,27
97	79,51	beta-EUDESOL	0,13
98	79,78	AROMATIC COMPOUND	0,06
99	79,94	SESQUITERPENIC OXIDE	0,43
100	80,16	AROMATIC COMPOUND	0,28
101	80,60	SESQUITERPENOL	0,22
102	80,80	SESQUITERPENIC COMPOUND	0,15
103	80,97	SESQUITERPENIC COMPOUND	0,11
104	81,23	FARNESYL ACETATE	0,12
105	81,29	SESQUITERPENIC OXIDE	0,17
106	81,65	AROMATIC COMPOUND	0,09
107	81,98	DIMETHYL METHYLPENTENYL NORBORNANOL	0,48
108	82,29	SESQUITERPENIC COMPOUND	0,05
109	82,46	SESQUITERPENIC COMPOUND	0,07
110	82,66	AROMATIC COMPOUND	0,10
111	82,91	AROMATIC COMPOUND	0,06
112	83,14	AROMATIC COMPOUND	0,11
113	83,38	SESQUITERPENOL	0,17
114	83,53	CURCUMENOL ISOMER	0,67
115	83,77	CURCUMENOL ISOMER	0,17
116	83,92	CURCUMENOL ISOMER	0,06
117	84,01	AROMATIC COMPOUND	0,08
118	84,24	BERGAMOTOL ISOMER	0,23
119	84,68	SESQUITERPENIC OXIDE	0,04
120	85,24	SESQUITERPENOL	0,57

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use, The information contained in this document is obtained from current and reliable sources, New Directions Aromatics Inc, provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy, Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose, The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties, As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained, The liability of New Directions Aromatics Inc, is limited to the value of the goods and does not include any consequential loss, New Directions Aromatics Inc, shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon, New Directions Aromatics Inc, shall not be responsible for any damages resulting from use of or reliance upon this information, In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario, Canada,

GCMS ANALYSIS (cont'd,)

PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL

Peak	RT (min)	Component name	%
121	85,25	Z-alpha-SANTALOL	14,45
122	85,54	E,E-FARNESOL	14,78
123		Z-alpha-trans-BERGAMOTOL	
124	85,82	BERGAMOTOL ISOMER	0,82
125	85,98	SESQUITERPENIC OXIDE	0,27
126	86,18	BERGAMOTOL ISOMER	0,11
127	86,32	SESQUITERPENIC OXIDE	0,34
128	86,55	SESQUITERPENIC COMPOUND	0,12
129	86,92	COMPOUND Mw=238	2,09
130		CURCUMENIC COMPOUND Mw=238	
131	86,92	SESQUITERPENIC COMPOUND	0,71
132	87,18	BERGAMOTOL ISOMER	0,27
133	87,77	SESQUITERPENIC OXIDE	0,05
134	88,15	Epi-beta-SANTALOL	1,20
135	88,42	SANTALOL ISOMER	0,07
136	88,86	Z-beta-SANTALOL	5,24
137	89,20	SANTALOL ISOMER	0,10
138	89,49	BERGAMOTOL ISOMER	3,89
139	89,62	SESQUITERPENIC COMPOUND	0,20
140	89,93	CURCUMENOL ISOMER	0,30
141	90,12	BERGAMOTOL ISOMER	0,35
142	90,29	SANTALOL ISOMER	0,04
143	90,53	Z-gamma-CURCUMENE-12-OL	0,66
144	90,65	SANTALOL ISOMER	0,60
145	90,89	BERGAMOTOL ISOMER	0,14
146	91,04	SESQUITERPENOL	0,16
147	91,05	BERGAMOTOL ISOMER	1,18
148	91,51	E-beta-CURCUMENE-12-OL	4,41
149		SANTALOL ISOMER	
150	91,75	Z-LANCEOL	3,16

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use, The information contained in this document is obtained from current and reliable sources, New Directions Aromatics Inc, provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy, Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose, The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties, As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained, The liability of New Directions Aromatics Inc, is limited to the value of the goods and does not include any consequential loss, New Directions Aromatics Inc, shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon, New Directions Aromatics Inc, shall not be responsible for any damages resulting from use of or reliance upon this information, In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario, Canada,

GCMS ANALYSIS (cont'd,)

PRODUCT NAME: SANDALWOOD ORGANIC ESSENTIAL OIL

Peak	RT (min)	Component name	%
151	92,29	SANTALOL ISOMER	0,09
152	92,50	alpha-BISABOLOL A OXIDE	0,04
153	92,76	SESQUITERPENIC OXIDE	0,03
154	93,11	Z-NUCIFEROL	10,99
155	93,23	CURCUMENOL ISOMER	0,79
156	93,38	BERGAMOTOL ISOMER	0,82
157	94,11	SESQUITERPENIC OXIDE	0,99
158	94,30	SESQUITERPENIC OXIDE	0,41
159	94,73	SESQUITERPENONE	0,24
160	94,99	CURCUMENOL ISOMER	0,05
161	95,17	SESQUITERPENIC COMPOUND	0,02
162	95,30	SESQUITERPENIC OXIDE	0,05
163	95,74	SESQUITERPENIC OXIDE	0,04
164	98,13	ALIPHATIC ESTER	0,07
165	98,40	SESQUITERPENIC OXIDE	0,16
166	98,62	SESQUITERPENIC OXIDE	0,10
167	99,83	AROMATIC COMPOUND	0,10
168	102,68	AROMATIC COMPOUND	0,05
169	105,26	AROMATIC COMPOUND	0,04
170	106,82	FARNESYL COMPOUND	0,04
171	108,49	PALMITIC ACID	0,07
172	109,44	SESQUITERPENIC OXIDE	0,26
173	112,96	SESQUITERPENIC OXIDE	0,07
		TOTAL	99,62

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use, The information contained in this document is obtained from current and reliable sources, New Directions Aromatics Inc, provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy, Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose, The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties, As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained, The liability of New Directions Aromatics Inc, is limited to the value of the goods and does not include any consequential loss, New Directions Aromatics Inc, shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon, New Directions Aromatics Inc, shall not be responsible for any damages resulting from use of or reliance upon this information, In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario, Canada,