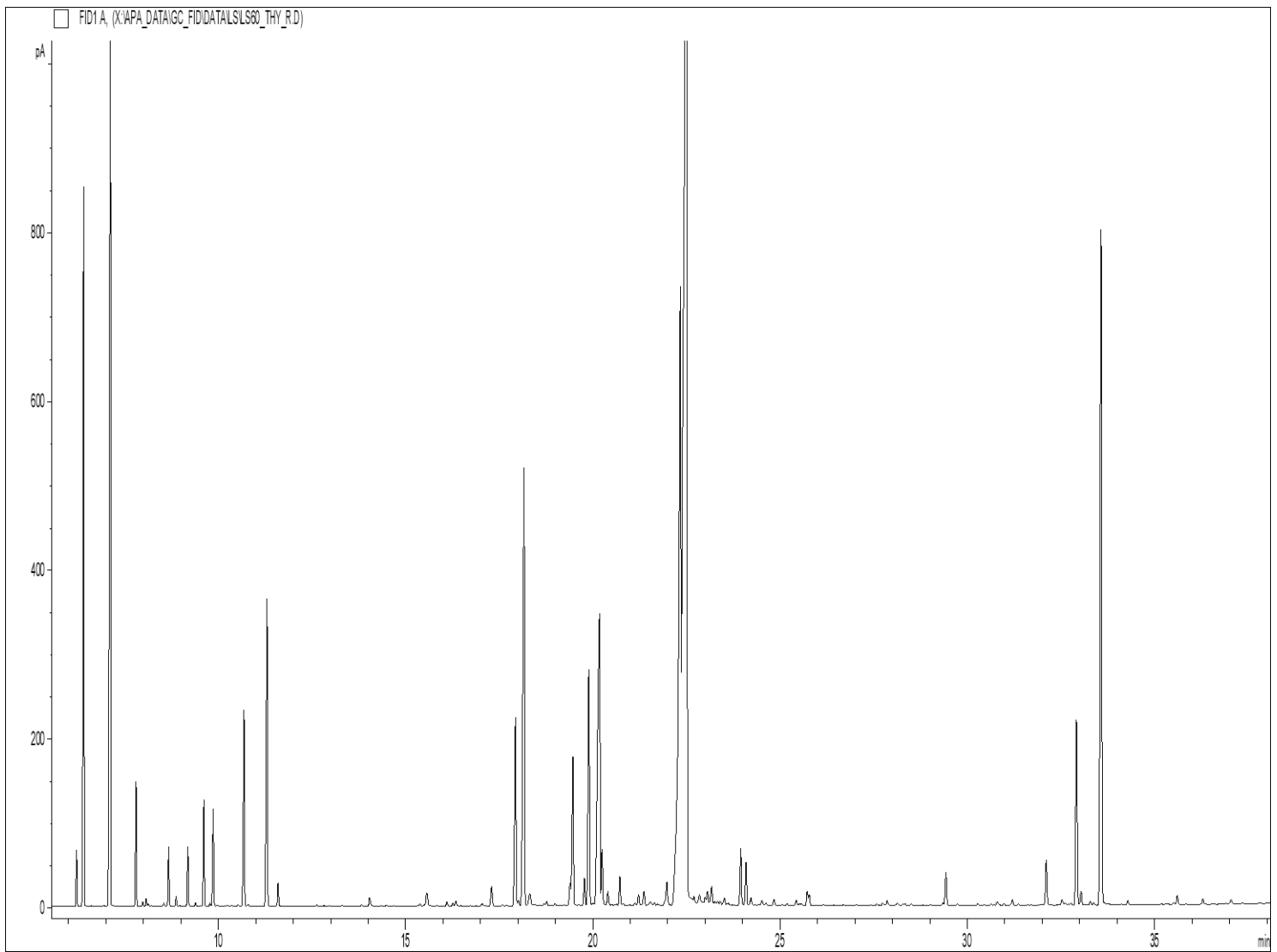


GCMS ANALYSIS

PRODUCT NAME: THYME 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: THYME ORGANIC ESSENTIAL OIL

Peak	RT (min)	Compound name	%
1	5,18	ISOVALERALDEHYDE	0,01
2	6,22	TRICYCLENE	0,40
3	6,41	alpha-PINENE	4,97
4	6,50	alpha-THUYENE	0,31
5	6,94	alpha-FENCHENE	0,01
6	7,12	CAMPHENE	8,30
7	7,19	HEXANAL	0,02
8	7,81	beta-PINENE	0,92
9	7,98	SABINENE	0,03
10	8,08	PINADIENE	0,06
11	8,13	THUYA-2,4-DIENE	0,02
12	8,54	delta3-CARENE	0,02
13	8,67	beta-MYRCENE	0,44
14	8,87	alpha-PHELLANDRENE	0,07
15	9,18	alpha-TERPINENE	0,46
16	9,39	1,8-CINEOLE, 2,3-DEHYDRO-	0,03
17	9,61	LIMONENE	0,85
18	9,78	cis-ARBUSCULON	0,02
19	9,86	1,8-CINEOLE	0,82
20		beta-PHELLANDRENE	
21	9,97	1,3,8-p-MENTHATRIENE	0,02
22	10,52	trans-ARBUSCULON	0,02
23	10,69	gamma-TERPINENE	1,73
24	10,79	trans-beta-OCIMENE	0,02
25	11,30	p-CYMENE	2,94
26	11,59	TERPINOLENE	0,19
27	12,63	TERPENIC COMPOUND	0,02
28	13,82	COMPOUND Mw=152	0,02
29	14,04	3-OCTANOL	0,10
30	14,49	COSMENE ISOMER	0,01

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: THYME ORGANIC ESSENTIAL OIL

Peak	RT (min)	Compound name	%
31	15,33	alpha-THUYONE	0,01
32	15,39	COSMENE ISOMER	0,03
33	15,57	alpha,p-DIMETHYLSTYRENE	0,10
34	15,60	LINALOOL cis-OXIDE	0,10
35	15,65	1-OCTEN-3-OL	0,01
36	15,83	beta-THUYONE	0,01
37	16,10	trans-THUYANOL	0,05
38	16,26	alpha-CUBEBENE	0,04
39	16,34	LINALOOL trans-OXIDE	0,06
40	17,05	YLANGENE	0,04
41	17,30	alpha-COPAENE	0,24
42	17,58	COMPOUND Mw=152	0,02
43	17,69	TERPENIC COMPOUND	0,01
44	17,93	CAMPHOR	2,10
45	18,01	beta-BOURBONENE	0,07
46	18,16	LINALOOL	5,36
47	18,32	alpha-GURJUNENE	0,23
48		cis-THUYANOL	
49	18,42	ISOPINOCAMPHONE	0,04
50	18,70	SESQUITERPENE	0,04
51	18,77	trans-p-MENTH-2-EN-1-OL	0,06
52	18,99	4-CARANONE	0,04
53	19,11	TERPENIC COMPOUND	0,02
54	19,24	PINOCARVONE	0,02
55	19,39	BORNYL FORMATE	0,24
56	19,47	BORNYL ACETATE	1,68
57	19,62	CAMPHENE HYDRATE	0,03
58	19,78	HOTRIENOL	0,28
59	19,89	TERPINENE-4-OL	1,72
60	19,90	METHYL CARVACROL ETHER	0,84

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: THYME ORGANIC ESSENTIAL OIL

Peak	RT (min)	Compound name	%
61	20,00	SESQUITERPENE	0,05
62	20,18	beta-CARYOPHYLLENE	5,43
63	20,25	cis-DIHYDROCARVONE	0,59
64	20,40	AROMADENDRENE	0,18
65	20,50	cis-p-MENTH-2-EN-1-OL	0,03
66	20,59	SESQUITERPENE	0,02
67	20,64	COPACAMPHENE	0,02
68	20,72	trans-DIHYDROCARVONE	0,31
69	20,81	COMPOUND Mw=166	0,05
70	20,98	CADINA-3,5-DIENE	0,02
71	21,12	GERMACRENE A	0,05
72	21,22	trans-PINOCARVEOL	0,14
73	21,37	ALLO-AROMADENDRENE	0,20
74	21,54	ISOBORNEOL	0,09
75	21,65	ZONARENE	0,04
76	21,73	cis-VERBENOL	0,04
77	21,98	alpha-HUMULENE	0,37
78		LAVANDULAL	
79	22,51	BORNEOL	30,47
80	22,60	alpha-TERPINEOL	10,29
81	22,70	VERBENONE	0,04
82	22,85	CARVENONE	0,18
83		SESQUITERPENE	
84	23,00	TERPENIC COMPOUND	0,08
85	23,07	alpha-MUUROLENE	0,16
86	23,18	SESQUITERPENE	0,22
87	23,26	alpha-SELINENE	0,04
88	23,33	CARVONE	0,04
89	23,40	trans-PIPERITOL	0,03
90	23,52	BICYCLOGERMACRENE	0,08

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: THYME ORGANIC ESSENTIAL OIL

Peak	RT (min)	Compound name	%
91	23,52	ALIPHATIC ALCOHOL	0,08
92	23,62	cis-PYRANIC LINALOOL OXIDE	0,02
93	23,95	delta-CADINENE	0,60
94	24,09	gamma-CADINENE	0,48
95	24,23	MENTHADIENOL ISOMER	0,12
96	24,52	MYRTENOL	0,09
97	24,63	CADINA-1,4-DIENE	0,05
98	24,84	alpha-AMORPHENE	0,09
99		ALIPHATIC ALCOHOL	
100	25,19	trans-SABINOL	0,03
101	25,43	trans-CARVEOL	0,07
102	25,53	CAPROIC ACID	0,03
103	25,57	GERANIOL	0,03
104	25,73	CALAMENENE	0,16
105	25,78	p-CYMENE-8-OL	0,12
106	26,01	E-GERANYL ACETONE	0,02
107	26,15	cis-CARVEOL	0,02
108	26,69	KETONIC COMPOUND	0,01
109	27,04	KETONIC COMPOUND	0,02
110	27,42	TERPENIC COMPOUND	0,02
111	27,58	TERPENIC COMPOUND	0,02
112	27,74	alpha-CALACORENE	0,03
113	27,86	COMPOUND Mw=164	0,07
114	28,01	TERPENIC COMPOUND	0,01
115	28,14	TERPENIC COMPOUND	0,05
116	28,29	COMPOUND Mw=220	0,02
117	28,34	TERPENIC COMPOUND	0,03
118	28,50	CITRONELIC ESTER	0,03
119	29,35	SESQUITERPENIC OXIDE	0,03
120	29,43	CARYOPHYLLENE OXIDE	0,37

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: THYME ORGANIC ESSENTIAL OIL

Peak	RT (min)	Compound name	%
121	29,74	SESQUITERPENIC COMPOUND	0,03
122	30,28	LEDOL	0,03
123	30,64	EPOXY-6,7-HUMULENE	0,02
124	30,80	Epi-CUBENOL	0,06
125	30,98	CUBENOL	0,03
126	31,21	TERPENIC KETONE	0,08
127	31,36	CUMINOL	0,02
128	32,11	SPATHULENOL	0,56
129	32,53	ISOTHYMOL	0,09
130	32,62	AROMATIC COMPOUND	0,03
131	32,71	SORBIC ACID	0,01
132	32,77	EUGENOL	0,03
133	32,92	THYMOL	2,04
134	33,04	T-CADINOL	0,16
135	33,29	ISOCARVACROL	0,04
136	33,38	alpha-MUUROLOL	0,03
137	33,57	CARVACROL	8,07
138	34,12	SESQUITERPENOL	0,02
139	34,29	alpha-CADINOL	0,05
140	35,19	SESQUITERPENIC COMPOUND	0,02
141	35,33	PHENOLIC COMPOUND Mw=150	0,02
141	35,36	PHENOLIC COMPOUND Mw=150	0,01
142	35,51	CARYOPHYLLADIENOL ISOMER	0,03
143	35,61	CARYOPHYLLA-2,6-DIEN-5-alpha-OL	0,10
144	36,29	SESQUITERPENIC OXIDE	0,07
145	37,05	SESQUITERPENIC OXIDE	0,07
146	37,35	MANOYL OXIDE	0,01
		TOTAL	99,89

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