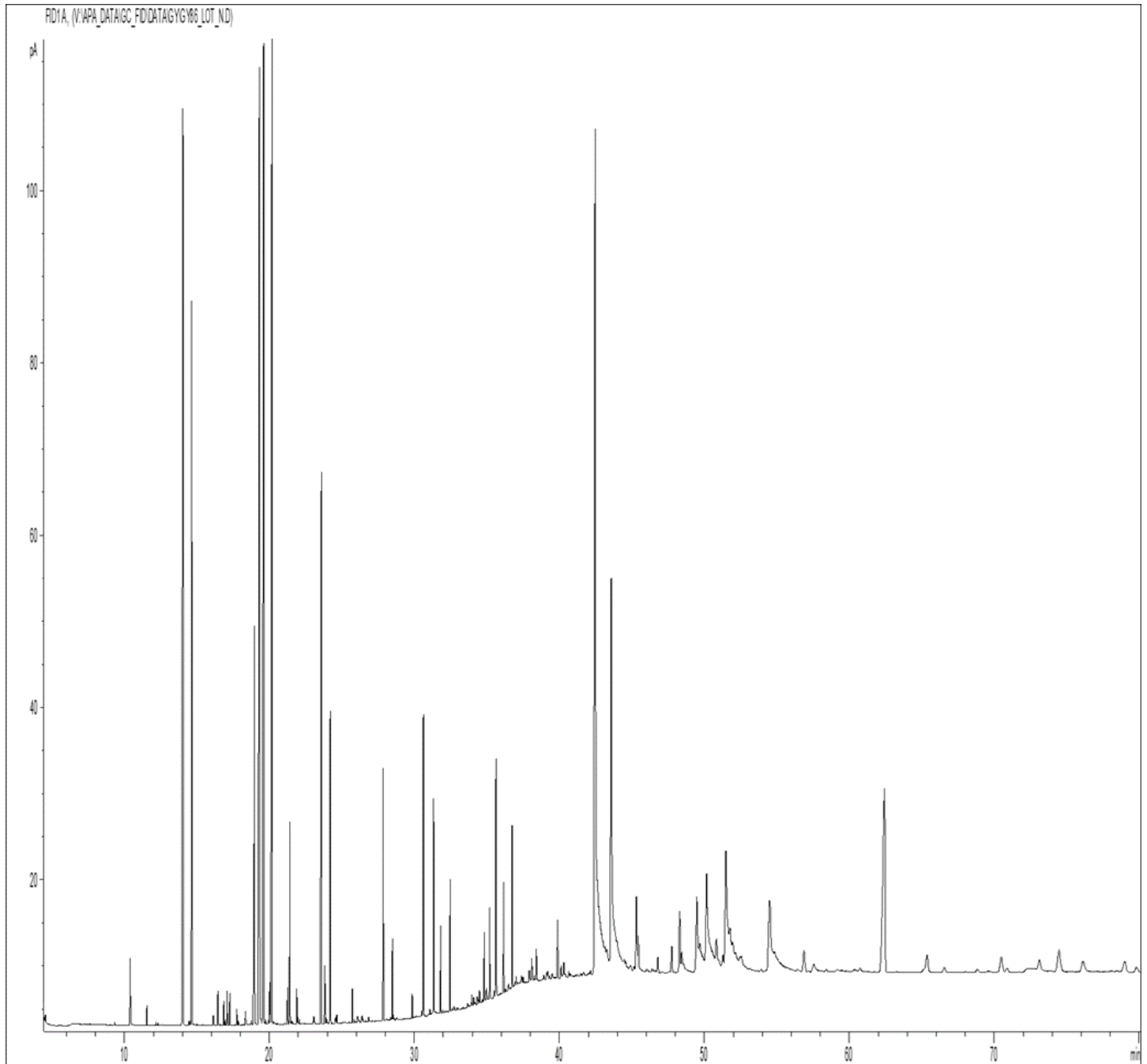


GCMS ANALYSIS

PRODUCT NAME: LOTUS ABSOLUTE-WHITE - 12019

DATE: March 01,2022



*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: LOTUS ABSOLUTE-WHITE - 12019

Peak	RT (min)	Compound name	%
1	10,39	4-METHYL-2-PENTANONE, 4-HYDROXY-	0,38
2	11,55	TETRADECANE	0,09
3	14,04	<b>PENTADECANE</b>	<b>6,35</b>
4	14,52	PENTADECENE ISOMER	0,03
5	14,65	<b>1-PENTADECENE</b>	<b>3,85</b>
6	16,14	TERPINENE-4-OL	0,06
7	16,45	HEXADECANE	0,17
8	16,86	HEXADECENE ISOMER	0,15
9	16,96	HEXADECENE ISOMER	0,03
10	17,09	HEXADECENE ISOMER	0,16
11	17,26	HEXADECENE ISOMER	0,15
12	17,76	ALIPHATIC METHYL ESTER	0,08
13	18,35	alpha-TERPINEOL	0,08
14	18,76	AROMATIC COMPOUND	0,03
15	18,97	<b>HEPTADECANE</b>	<b>2,57</b>
16	19,31	<b>BENZENE, 1,4-DIMETHOXY-</b>	<b>1,33</b>
17	19,36	<b>HEPTADECENE ISOMER</b>	<b>6,99</b>
18	19,60	<b>HEPTADECENE ISOMER</b>	<b>7,28</b>
19	19,74	HEPTADECENE ISOMER	0,03
20	20,03	ALIPHATIC ALCOHOL	0,25
21	20,18	<b>HEPTADECADIENE ISOMER</b>	<b>7,58</b>
22	21,26	OCTADECANE	0,18
23	21,41	<b>HEPTADECENYNE Mw=234</b>	<b>0,98</b>
24	21,90	OCTADECENE ISOMER	0,17
25	21,97	EXO-2-HYDROXYCINEOLE	0,04
26	22,07	OCTADECENE ISOMER	0,03
27	23,07	PHENYLETHYL ALCOHOL	0,06
28	23,58	<b>NONADECANE</b>	<b>3,45</b>
29	23,83	NONADECENE ISOMER	0,30
30	23,93	NONADECENE ISOMER	0,03

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GCMS ANALYSIS (cont'd,)

Peak	RT (min)	Compound name	%
31	24,20	<b>9-NONADECENE</b>	<b>1,65</b>
32	24,58	ALIPHATIC ALCOHOL	0,05
33	24,66	NONADECADIENE ISOMER Mw=264	0,04
34	25,73	EICOSANE	0,16
35	26,09	ALIPHATIC ESTER	0,05
36	26,85	ISOVANILLIC ACID	0,03
37	27,86	<b>HENEICOSANE</b>	<b>1,36</b>
38	28,49	10-HENEICOSENE	0,41
39	29,86	DOCOSANE	0,12
40	30,51	ANISIC ALCOHOL	0,03
41	30,63	<b>ETHYL PALMITATE</b>	<b>1,53</b>
42	31,08	ETHYL STEARATE	0,04
43	31,34	<b>ETHYL-9-HEXADECENOATE</b>	<b>1,10</b>
44	31,81	TRICOSANE	0,44
45	32,47	<b>9-TRICOSENE</b>	<b>0,65</b>
46	32,76	ALIPHATIC ESTER	0,03
47	33,97	KETONIC COMPOUND	0,06
48	34,10	AROMATIC COMPOUND	0,04
49	34,34	AROMATIC COMPOUND	0,04
50	34,39	TETRACOSENE ISOMERE	0,03
51	34,49	METHYL STEARATE	0,07
52	34,82	METHYL OLEATE	0,35
53	34,98	METHYL LINOLEATE	0,09
54	35,20	ETHYL OLEATE	0,47
55	35,63	<b>ETHYL LINOLEATE</b>	<b>1,24</b>
56	36,16	<b>PENTACOSENE ISOMER</b>	<b>0,62</b>
57	36,50	ALIPHATIC ESTER	0,04
58	36,75	<b>ETHYL LINOLENATE</b>	<b>0,82</b>
59	37,03	4,7-MEGASTIGMADIEN-3-ONE, 9-HYDROXY-	0,04
60	37,38	PHENYLETHYLIC ESTER	0,03

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## GCMS ANALYSIS (cont'd,)

Peak	RT (min)	Compound name	%
61	37,40	ALIPHATIC ALCOHOL	0,05
62	37,51	AROMATIC COMPOUND	0,03
63	37,93	AROMATIC COMPOUND	0,11
64	38,01	HEXACOSENE ISOMER	0,03
65	38,10	AROMATIC ESTER	0,19
66	38,25	ALIPHATIC ESTER	0,04
67	38,42	AROMATIC COMPOUND	0,23
68	38,93	ALIPHATIC ESTER	0,04
69	39,14	AROMATIC COMPOUND	0,06
70	39,51	KETONIC COMPOUND	0,07
71	39,89	HEPTACOSENE ISOMER	0,36
72	40,12	AROMATIC COMPOUND	0,10
73	40,32	ALIPHATIC ALCOHOL	0,14
74	40,40	ALIPHATIC ESTER	0,03
75	40,65	ALIPHATIC ESTER	0,04
76	41,67	KETONIC COMPOUND	0,03
77	42,16	ALIPHATIC ESTER	0,04
78	42,47	<b>PALMITIC ACID</b>	<b>13,62</b>
79	43,58	<b>PALMITOLEIC ACID</b>	<b>6,02</b>
80	44,49	ALIPHATIC ESTER	0,04
81	44,59	ALIPHATIC ESTER	0,03
82	44,88	ALIPHATIC ESTER	0,03
83	45,16	KETONIC COMPOUND	0,05
84	45,33	<b>BEHENIC ALCOHOL</b>	<b>0,81</b>
85	45,45	ALIPHATIC KETONE	0,34
86	46,04	AROMATIC COMPOUND	0,04
87	46,81	ALIPHATIC ESTER	0,14
88	47,76	AROMATIC COMPOUND	0,27
89	48,31	<b>AROMATIC COMPOUND</b>	<b>0,68</b>
90	48,45	ALIPHATIC ESTER	0,26

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GCMS ANALYSIS (cont'd,)

Peak	RT (min)	Compound name	%
91	49,49	OCTADECENOIC ACID ISOMER	2,03
92	49,69	ALIPHATIC ALCOHOL	0,11
93	50,17	<b>OLEIC ACID</b>	<b>3,54</b>
94	50,84	AROMATIC COMPOUND	0,27
95	51,49	<b>LINOLEIC ACID</b>	<b>4,49</b>
96	51,79	ALIPHATIC ESTER	0,16
97	51,98	AROMATIC COMPOUND	0,08
98	52,50	AROMATIC COMPOUND	0,05
99	52,58	ALKEN COMPOUND	0,10
100	54,50	<b>LINOLENIC ACID</b>	<b>1,85</b>
101	54,55	AROMATIC ESTER	0,44
102	56,87	PHENYLETHYLIC ESTER	0,38
103	57,56	ALIPHATIC ESTER	0,17
104	60,75	ALIPHATIC ESTER	0,06
105	62,43	<b>HEXACOSYL ACETATE</b>	<b>4,38</b>
106	65,37	ALIPHATIC ESTER	0,38
107	66,57	ALIPHATIC ESTER	0,10
108	68,82	AROMATIC ESTER	0,08
109	70,48	ALIPHATIC ALCOHOL	0,39
110	70,90	AROMATIC COMPOUND	0,10
111	73,10	AROMATIC COMPOUND	0,24
112	74,47	AZAPHENANTHRENE PHENYLETHENYL COMPOUND	0,64
113	76,11	SESQUITERPENIC EPOXIDE	0,31
114	79,00	AROMATIC COMPOUND	0,30
115	79,80	AROMATIC COMPOUND	0,14
		<b>TOTAL</b>	<b>99,10</b>

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