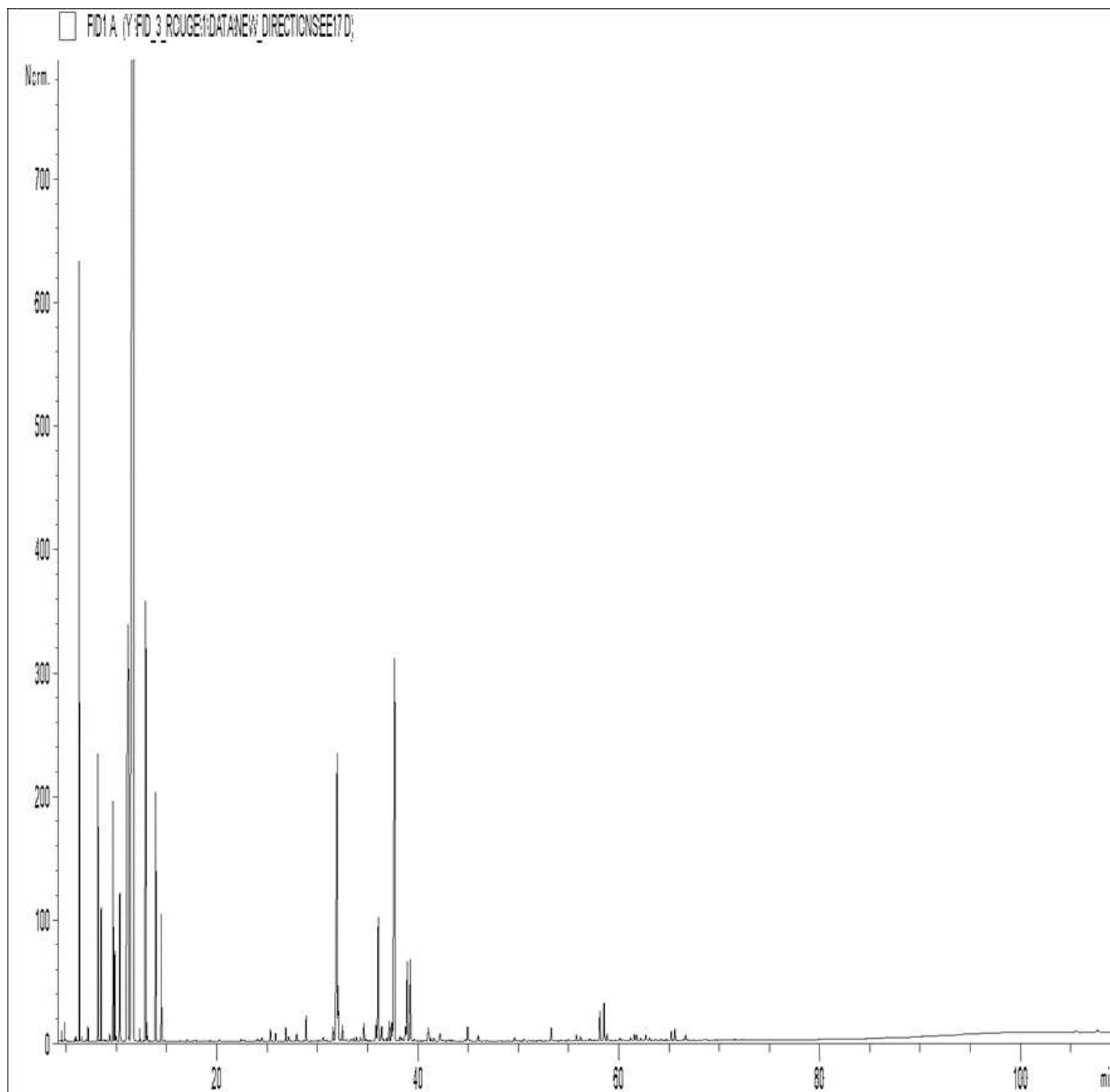


GCMS ANALYSIS

PRODUCT NAME: CAJEPUT ESSENTIAL OIL - 11015

DATE: March 26, 2021



*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: CAJEPUT ESSENTIAL OIL - 11015

Peak	RT (min)	Compound	%
1	4,14	ACETONE	0,02
2	4,57	PROPYL FORMATE	0,03
3	4,82	BUTANAL, 2-METHYL-	0,02
4	4,86	ISOVALERALDEHYDE	0,05
5	5,86	DIISOPROPYL KETONE	0,01
6	5,94	METHYL 2-METHYLBUTYRATE	0,02
7	6,08	TRICYCLENE	0,01
8	6,28	<b>alpha-PINENE</b>	<b>3,18</b>
9	6,32	alpha-THUYENE	0,29
10	6,55	TOLUENE	0,02
11	6,97	alpha-FENCHENE	0,01
12	7,16	CAMPHENE	0,07
13	8,16	beta-PINENE	1,55
14	8,47	SABINENE	0,72
15	8,75	delta2-CARENE	0,01
16	8,93	p-MENTH-3-ENE	0,01
17	9,30	delta3-CARENE	0,06
18	9,66	beta-MYRCENE	1,84
19	9,83	alpha-PHELLANDRENE	0,68
20	9,95	psi-LIMONENE	0,04
21	10,33	alpha-TERPINENE	1,61
22	11,18	<b>LIMONENE</b>	<b>9,27</b>
23	11,72	<b>1,8-CINEOLE</b>	<b>54,86</b>
24	12,32	cis-beta-OCIMENE	0,07
25	12,91	<b>gamma-TERPINENE</b>	<b>3,54</b>
26	13,04	trans-beta-OCIMENE	0,11
27	13,91	p-CYMENE	1,71
28	14,48	TERPINOLENE	0,85
29	14,76	OCTANAL	0,01
30	16,36	PINOL	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CAJEPUT ESSENTIAL OIL - 11015

Peak	RT (min)	Compound	%
31	17,04	5-HEPTEN-2-ONE, 6-METHYL-	0,01
32	17,93	ROSE cis-OXIDE	0,01
33	20,23	FENCHONE	0,01
34	22,40	alpha-p-DIMETHYLSTYRENE	0,02
35	22,72	LINALOOL cis-OXIDE	0,01
36	24,05	trans-THUYANOL	0,02
37	24,35	alpha-CUBEBENE	0,01
38	24,49	delta-ELEMENE	0,04
39	25,31	YLANGENE	0,12
40	25,85	alpha-COPAENE	0,08
41	26,83	CAMPHOR	0,13
42	27,13	BENZALDEHYDE	0,05
43	27,75	SATIVENE	0,01
44	27,93	alpha-GURJUNENE	0,07
45	28,66	SESQUITERPENE	0,01
46	28,87	LINALOOL	0,21
47	29,72	trans-p-MENTH-2-EN-1-OL	0,01
48	30,19	ISOPULEGOL	0,02
49	30,56	epsilon-CADINENE	0,05
50	30,88	FENCHOL	0,02
51	31,50	beta-ELEMENE	0,15
52	31,56	alpha-GUAIENE	0,05
53	31,96	<b>beta-CARYOPHYLLENE</b>	<b>4,53</b>
54	32,05	TERPINENE-4-OL	0,45
55	32,27	SESQUITERPENE	0,02
56	32,49	AROMADENDRENE	0,18
57	32,72	6,9-GUAIADIENE	0,03
58	32,92	SESQUITERPENE	0,02
59	33,33	SESQUITERPENE	0,02
60	33,59	GURJUNENE ISOMER	0,03

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CAJEPUT ESSENTIAL OIL - 11015

Peak	RT (min)	Compound	%
61	33,86	CADINA-3,5-DIENE	0,04
62	34,29	GERMACRENE A	0,04
63	34,63	ALLO-AROMADENDRENE	0,18
64	34,84	delta-TERPENYL ACETATE	0,02
65	35,20	GURJUNENE ISOMER	0,01
66	35,54	ZONARENE	0,01
67	35,81	delta-TERPINEOL	0,19
68	36,05	alpha-HUMULENE	1,42
69	36,31	SESQUITERPENE	0,04
70	36,41	gamma-SELINENE	0,16
71	36,65	4,5-di-epi-ARISTOLOCHENE	0,03
72	36,91	NERAL	0,04
73	37,16	gamma-MUUROLENE	0,20
74	37,40	LEDENE	0,20
75	37,58	TERPENYL ACETATE	1,08
76	37,69	<b>alpha-TERPINEOL</b>	<b>4,44</b>
77	38,22	GURJUNENE ISOMER	0,05
78	38,42	EREMOPHILENE	0,04
79	38,78	SESQUITERPENE	0,19
80	38,95	beta-SELINENE	0,84
81	39,23	alpha-SELINENE	0,84
82	39,63	alpha-MUUROLENE	0,03
83	40,64	SESQUITERPENE	0,01
84	41,03	delta-CADINENE	0,15
85	41,08	gamma-CADINENE	0,07
86	41,28	7-epi-alpha-SELINENE	0,02
87	41,58	CITRONELLOL	0,05
88	42,17	delta-SELINENE	0,07
89	42,24	SELINADIENE ISOMER	0,05
90	42,46	CADINA-1,4-DIENE	0,01

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### GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CAJEPUT ESSENTIAL OIL - 11015

Peak	RT (min)	Compound	%
91	43,02	alpha-AMORPHENE	0,01
92	43,24	NEROL	0,01
93	43,39	SESQUITERPENE Mw=202	0,01
94	44,74	SELINENE ISOMER	0,02
95	44,96	GERMACRENE B	0,15
96	45,08	cis-CALAMENENE	0,01
97	45,22	trans-CALAMENENE	0,01
98	45,90	p-CYMENE-8-OL	0,02
99	46,00	GERANIOL	0,04
100	48,11	TERPENIC ALCOHOL	0,01
101	49,65	alpha-CALACORENE	0,03
102	50,55	SESQUITERPENIC EPOXIDE	0,02
103	50,59	PALUSTROL	0,02
104	53,27	CARYOPHYLLENE EPOXIDE	0,14
105	54,27	SESQUITERPENIC EPOXIDE	0,01
106	54,97	epi-GLOBULOL	0,02
107	55,77	LEDOL	0,07
108	56,19	epoxy-6,7-HUMULENE	0,06
109	56,88	CARYOPHYLLENOL	0,01
110	57,08	GLEENOL	0,03
111	57,20	epi-CUBENOL	0,02
112	57,41	MYRTO-LACTONE A Mw=236	0,01
113	57,58	CUBENOL	0,02
114	58,12	GLOBULOL	0,30
115	58,53	VIRIDIFLOROL	0,39
116	58,66	cis-1,2-DIHYDROXY-p-MENTH-2-ENE	0,01
117	58,85	GUAIOL	0,08
118	59,20	10-epi-gamma-EUDESOL	0,01
119	59,62	ROSIFOLIOL	0,01
120	60,10	MYRTO-LACTONE B Mw=250	0,05

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CAJEPUT ESSENTIAL OIL – 11015

Peak	RT (min)	Compound	%
121	60,50	SPATHULENOL	0,01
122	61,16	EUDESMOL ISOMER	0,04
123	61,55	CADINOL ISOMER	0,07
124	61,77	beta-COPAEN-4-alpha-OL	0,07
125	62,18	FLAVESONE	0,02
126	62,45	EUGENOL	0,01
127	62,61	SESQUITERPENOL	0,01
128	62,70	gamma-EUDESMOL	0,05
129	62,72	T-CADINOL	0,03
130	63,08	AGAROSPIROL	0,03
131	63,52	SESQUITERPENOL	0,01
132	63,66	SESQUITERPENOL	0,02
133	64,19	alpha-MUUROLOL	0,02
134	64,73	BULNESOL	0,02
135	65,23	alpha-EUDESMOL	0,11
136	65,59	beta-EUDESMOL	0,12
137	65,66	alpha-CADINOL	0,01
138	66,42	CITRONELIC ACID	0,02
139	66,66	EUDESMA-7(11)-EN-4-OL	0,07
140	66,82	beta-NOOKATOL	0,01
141	68,07	LEPTOSPERMONE ISOMER Mw=266	0,01
142	68,63	CARYOPHYLLA-2,6-DIEN-5-alpha-OL	0,02
143	70,44	SESQUITERPENIC EPOXIDE	0,01
144	71,52	FARNESOL	0,01
		<b>TOTAL</b>	<b>99,99</b>

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