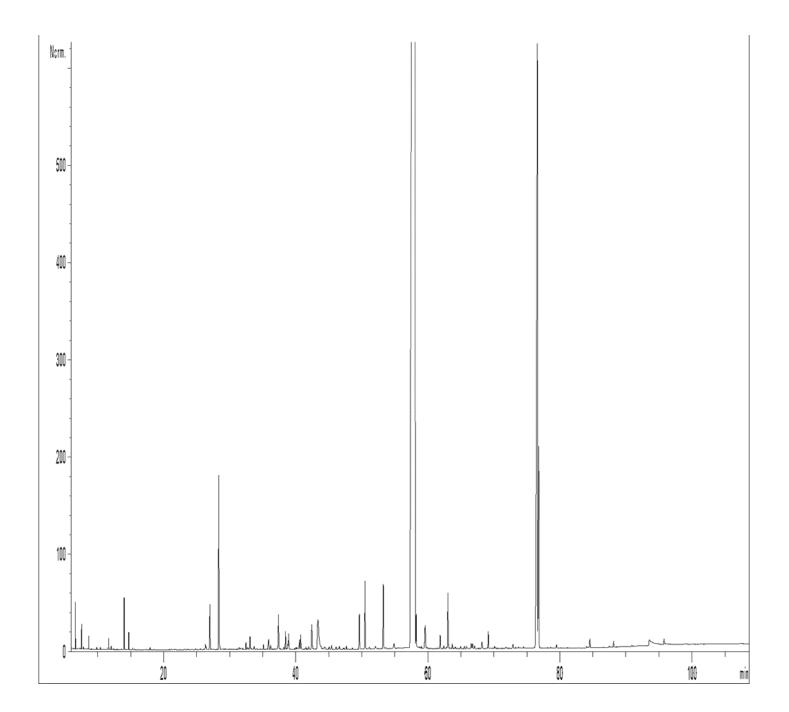


GCMS ANALYSIS

PRODUCT NAME: CASSIA ESSENTIAL OIL - 11022

DATE: JANUARY 28, 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.



PRODUCT NAME: CASSIA ESSENTIAL OIL - 11022

Peak	RT (min)	Compound name	%
1	6,62	alpha-PINENE	0,12
2	7,56	CAMPHENE	0,08
3	7,82	HEXANAL	0,01
4	8,62	beta-PINENE	0,04
5	9,85	delta3-CARENE	0,01
6	10,40	alpha-PHELLANDRENE	0,01
7	11,65	LIMONENE	0,05
8	12,04	1,8-CINEOLE	0,01
9	13,99	STYRENE	0,23
10	14,69	p-CYMENE	0,08
11	15,30	TERPINOLENE	0,01
12	17,95	5-HEPTEN-2-ONE-6-METHYL-	0,01
13	26,32	CYCLOSATIVENE	0,04
14	26,43	YLANGENE	0,02
15	27,01	alpha-COPAENE	0,29
16	28,35	BENZALDEHYDE	1,13
17	28,44	beta-BOURBONENE	0,03
18	31,45	alpha-cis-BERGAMOTENE	0,02
19	31,98	BORNYL ACETATE	0,01
20	32,46	alpha-trans-BERGAMOTENE	0,05
21	32,68	beta-CUBEBENE	0,02
22	33,07	beta-CARYOPHYLLENE	0,09
23	33,23	TERPINENE-4-OL	0,01
24	33,70	AROMADENDRENE	0,02
25	35,10	STYRENE, p-METHOXY-	0,03
26	35,64	epi-beta-SANTALENE	0,01
27	35,80	ACETOPHENONE	0,03
28	35,87	METHYLBENZOFURANIC COMPOUND	0,02
29	35,91	ALLO-AROMADENDRENE	0,06
30	36,20	beta-SANTALENE	0,04

Disclaimer & Caution:



PRODUCT NAME: CASSIA ESSENTIAL OIL - 11022

Peak	RT (min)	Compound name	%
31	37,31	alpha-HUMULENE	0,03
32	37,38	SALICYLIC ALDEHYDE	0,24
33	37,48	gamma-SELINENE	0,01
34	37,69	E-beta-FARNESENE	0,01
35	38,20	Z-beta-FARNESENE	0,02
36	38,45	gamma-MUUROLENE	0,12
37	38,61	SESQUITERPENE	0,01
38	38,79	LEDENE	0,04
39	38,93	BORNEOL	0,12
40	39,81	EREMOPHILENE	0,01
41	40,00	alpha-SELINENE	0,02
42	40,16	beta-SELINENE	0,02
43	40,56	alpha-MUUROLENE	0,08
44	40,75	beta-BISABOLENE	0,10
45	40,86	METHYLBENZOFURANIC COMPOUND	0,01
46	41,53	beta-CURCUMENE	0,02
47	41,95	alpha-FARNESENE	0,03
48	42,40	delta-CADINENE	0,17
49	42,43	gamma-CADINENE	0,10
50	43,35	BENZENEPROPANAL	0,70
51	43,82	alpha-CURCUMENE	0,03
52	44,39	trans-alpha-BISABOLENE	0,02
53	44,48	TERPENIC ESTER	0,01
54	45,06	AROMATIC COMPOUND	0,02
55	45,44	2-PHENYLETHYL ACETATE	0,03
56	46,12	trans-ANETHOL	0,02
57	46,50	cis-CALAMENENE	0,01
58	46,61	trans-CALAMENENE	0,02
59	47,31	p-CYMENE-8-OL	0,01
60	47,68	PHENOL, 2-METHOXY-	0,03

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PRODUCT NAME: CASSIA ESSENTIAL OIL - 11022

Peak	RT (min)	Compound name	%
61	48,57	BENZYL ALCOHOL	0,01
62	49,63	Z-CINNAMALDEHYDE	0,26
63	50,50	PHENYLETHYL ALCOHOL	0,48
64	51,12	alpha-CALACORENE	0,02
65	52,08	TETRADECANAL	0,03
66	53,26	BENZALDEHYDE, 2-METHOXY-	0,49
67	54,88	CARYOPHYLLENE OXIDE	0,06
68	58,00	E-CINNAMALDEHYDE	78,84
69	58,08	3-PHENYLPROPANOL	2,65
70	58,25	NEROLIDOL	0,27
71	59,59	PHENYLACETONE, 2-METHOXY-	0,27
72	61,88	SPATHULENOL	0,10
73	62,42	PENTADECANONE, TRIMETHYL-	0,02
74	63,05	CINNAMYL ACETATE	0,42
75	63,69	EUGENOL	0,04
76	64,20	T-CADINOL	0,02
77	64,98	alpha-MUUROLOL	0,02
78	65,56	delta-CADINOL	0,02
79	65,85	RIMUENE Mw=272	0,02
80	66,57	alpha-BISABOLOL	0,05
81	66,79	ISOSPATHULENOL	0,05
82	67,11	alpha-CADINOL	0,03
83	68,22	cis-o-METHOXY-CINNAMALDEHYDE	0,06
84	69,17	CINNAMIC ALCOHOL	0,13
85	70,08	CARYOPHYLLA-2,6-DIEN-5-alpha-OL	0,02
86	71,89	CHAVICOL	0,01
87	72,91	DITERPENE Mw=272	0,04
88	73,29	MANOYL EPOXIDE	0,01
89	73,72	DITERPENE Mw=272	0,01
90	73,99	FARNESOL	0,01

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Peak	RT (min)	Compound name	%
91	74,48	DITERPENE Mw=272	0,01
92	76,60	trans-o-METHOXY-CINNAMALDEHYDE	8,48
93	76,81	COUMARIN	1,86
94	78,62	AROMATIC COMPOUND	0,01
95	-	o-METHOXYCINNAMYL ACETATE	Nd
96	79,49	COMPOUND Mw=206	0,03
97	84,55	BENZYL BENZOATE	0,07
98	88,13	2-PHENYLETHYL BENZOATE	0,04
99	90,93	BENZYL SALICYLATE	0,01
100	93,53	CINNAMIC ACID	0,34
101	95,77	PALMITIC ACID	0,04
		TOTAL	99,99

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