



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Cassie Absolute
LATIN NAME	<i>Acacia farnesiana</i>
COUNTRY OF ORIGIN	Egypt
CULTIVATION METHOD	Conventional
TYPE	Absolute
EXTRACTION METHOD	Solvent Extraction
PLANT PART	Fresh Blossoms
USE	Natural Perfumery

SKU	170
LOT #	16
MANUFACTURING DATE	March 2023
BEST BY DATE	March 2028

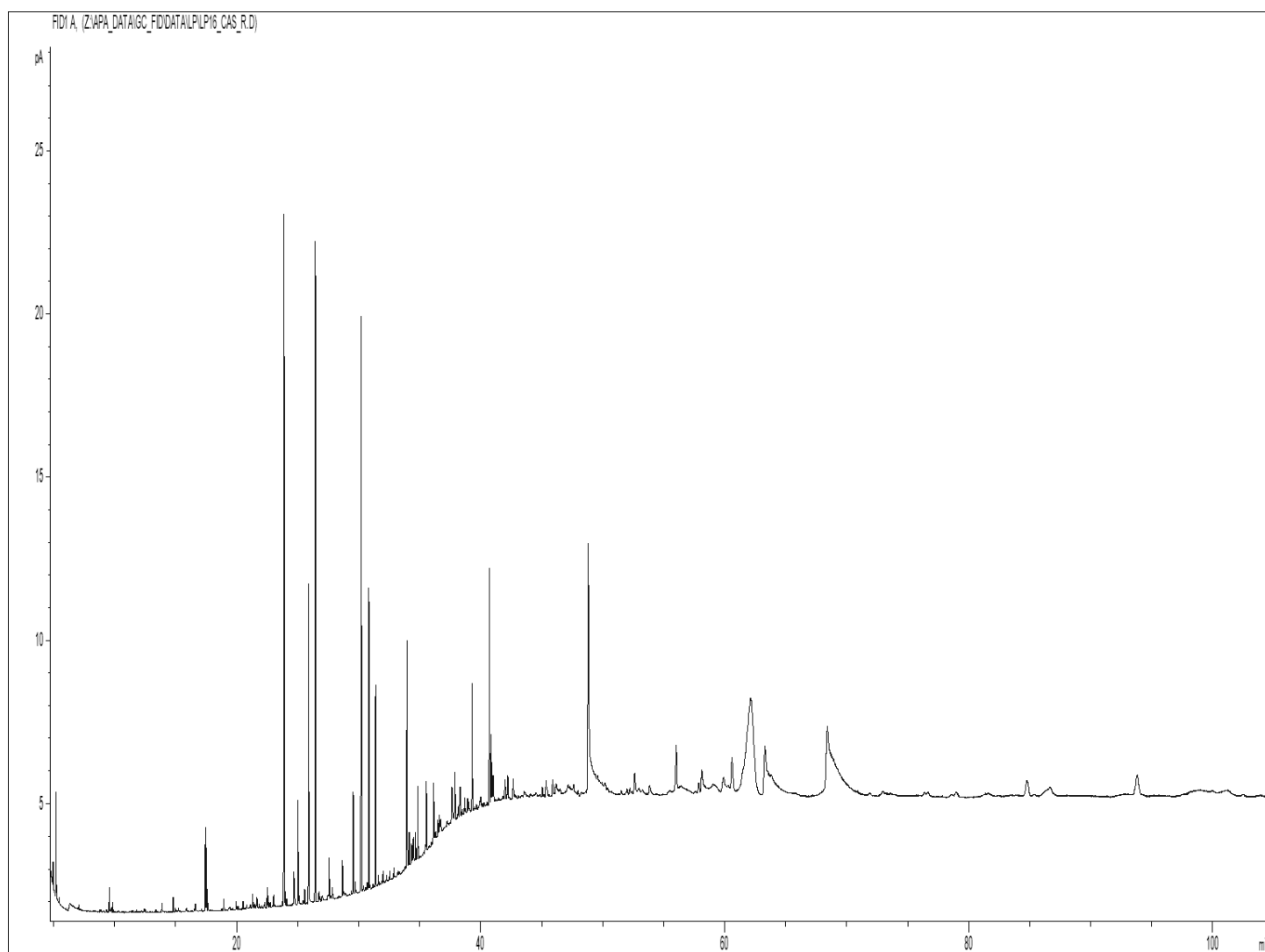
	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.950 - 0.998	0.995
REFRACTIVE INDEX @20°C	1.490 - 1.520	na
OPTICAL ROTATION @20°C	-1° to +1°	na

PHYSICAL APPEARANCE	Viscous liquid	Conforms
COLOR	Orange-brown	Conforms
ODOR	Sweet, warm, green, honey-floral.	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use	

COMMENTS	Odor quality is excellent.
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THIRD PARTY LAB ANALYSIS (GCMS)

CHROMATOGRAPHIC PROFILE :



- CASSIE ABS - SKU 170 LOT 16 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
1	4.98	ETHYL ACETATE	0.17		
2	5.21	ETHANOL	0.97		
3	9.59	1,8-CINEOLE	0.25		
4	17.46	BENZALDEHYDE	1.19		1.19
5	17.57	LINALOOL	0.73		0.73
6	17.67	CONCOMBER ALDEHYDE	0.10		
7	18.97	METHYL BENZOATE	0.14		
8	19.96	ALIPHATIC ESTER	0.09		
9	20.53	COMPOUND Mw=166	0.10		
10	21.30	COMPOUND Mw=166	0.17		
11	21.39	ALIPHATIC ESTER	0.12		
12	21.66	HEPTADECANE	0.19		
13	22.51	BENZYL ACETATE	0.27		
14	22.60	GERANIAL	0.15		0.15
15	23.03	GERANYL ACETATE	0.14		0.14
16	23.88	METHYL SALICYLATE	9.81		9.81
17	23.99	NEROL	0.21		
18	24.10	OCTADECANE	0.09		
19	24.70	ETHYL SALICYLATE	0.44		
20	24.76	COMPOUND Mw=170	0.34		
21	25.03	GERANIOL	1.44		1.44
22	25.13	ALIPHATIC ESTER	0.13		
23	25.58	PHENOL, 2-METHOXY-	0.24		
24	25.89	BENZYL ALCOHOL	4.88		4.88
25	26.45	NONADECANE	8.17		
26	26.75	ISOPHYTYL ACETATE	0.16		
27	27.59	beta-IONONE	0.60		
28	27.70	ALIPHATIC ESTER	0.06		
29	27.85	ALIPHATIC ESTER	0.18		
30	28.68	EICOSANE	0.43		
31	29.56	ANISALDEHYDE	1.60		
32	29.73	ETHYL MYRISTATE	0.16		
33	30.21	METHYL o-ANISATE	8.03		
34	30.70	COMPOUND Mw=180	0.14		
35	30.83	HENEICOSANE	3.83		
36	31.39	PENTADECANONE, TRIMETHYL-	2.59		
37	31.63	HEXENYLIC ESTER	0.14		
38	32.01	ALIPHATIC ESTER	0.18		
39	32.55	EUGENOL	0.12		0.12
40	32.89	ALIPHATIC ESTER	0.12		
41	33.97	ETHYL PALMITATE	3.08		
42	34.14	AROMATIC COMPOUND	0.58		
43	34.34	AROMATIC COMPOUND	0.36		

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Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
44	34.49	ALIPHATIC ESTER	0.57		
45	34.66	ALIPHATIC ESTER	0.45		
46	34.87	TRICOSANE	1.07		
47	35.55	CHAVICOL	1.09		
48	36.15	ACID COMPOUND Mw=184	1.03		
49	36.32	ALIPHATIC ESTER	0.21		
50	36.50	ALIPHATIC ESTER	0.37		
51	36.63	ALIPHATIC ESTER	0.45		
52	36.74	ALIPHATIC ESTER	0.27		
53	37.90	ETHYL STEARATE	0.70		
54	38.28	ETHYL OLEATE	0.34		
55	38.33	METHYL OLEATE	0.46		
56	38.69	PENTACOSANE	0.30		
57	39.31	ETHYL LINOLEATE	1.96		
58	40.01	METHYL LINOLENATE	0.41		
59	40.72	ETHYL LINOLENATE	3.82		
60	40.87	PHYTOL	1.33		
61	41.03	ALIPHATIC ESTER	0.66		
62	42.01	BENZYL BENZOATE	0.37		0.37
63	42.23	MYRISTYL CAPRYLATE	0.53		
64	42.67	ALIPHATIC ESTER	0.43		
65	45.06	AROMATIC COMPOUND	0.16		
66	45.36	ALIPHATIC ESTER	0.60		
67	45.91	ALIPHATIC ESTER	0.41		
68	46.18	ZINGERONE	0.31		
69	48.82	PALMITIC ACID	7.39		
70	52.63	NONACOSENE ISOMER	0.68		
71	56.03	ALIPHATIC ESTER	1.58		
72	58.13	OXYGENED COMPOUND	1.01		
73	59.92	OXYGENED COMPOUND	0.72		
74	60.62	OXYGENED COMPOUND	1.58		
75	63.30	OXYGENED COMPOUND	3.52		
76	68.41	OXYGENED COMPOUND	4.52		
77	84.79	OXYGENED COMPOUND	1.18		
78	93.81	OXYGENED COMPOUND	1.60		
		TOTAL	94.87		18.83

This Absolute is a 100% pure and natural product and does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to Eden Botanicals. This product is guaranteed by Eden Botanicals to be of excellent quality.

Eden Botanicals

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