



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Fossilized Amber Oil
LATIN NAME	<i>Pinus succinifera</i>
COUNTRY OF ORIGIN	Himalayan Mountains
CULTIVATION METHOD	Mined, Not Cultivated
TYPE	Authentic Oil of Amber
EXTRACTION METHOD	Dry Distillation
PLANT PART	Fossilized Tree Resin / Retinite
USE	Natural Perfumery

SKU	60
LOT #	16
MANUFACTURING DATE	July 2025
BEST BY DATE	July 2028

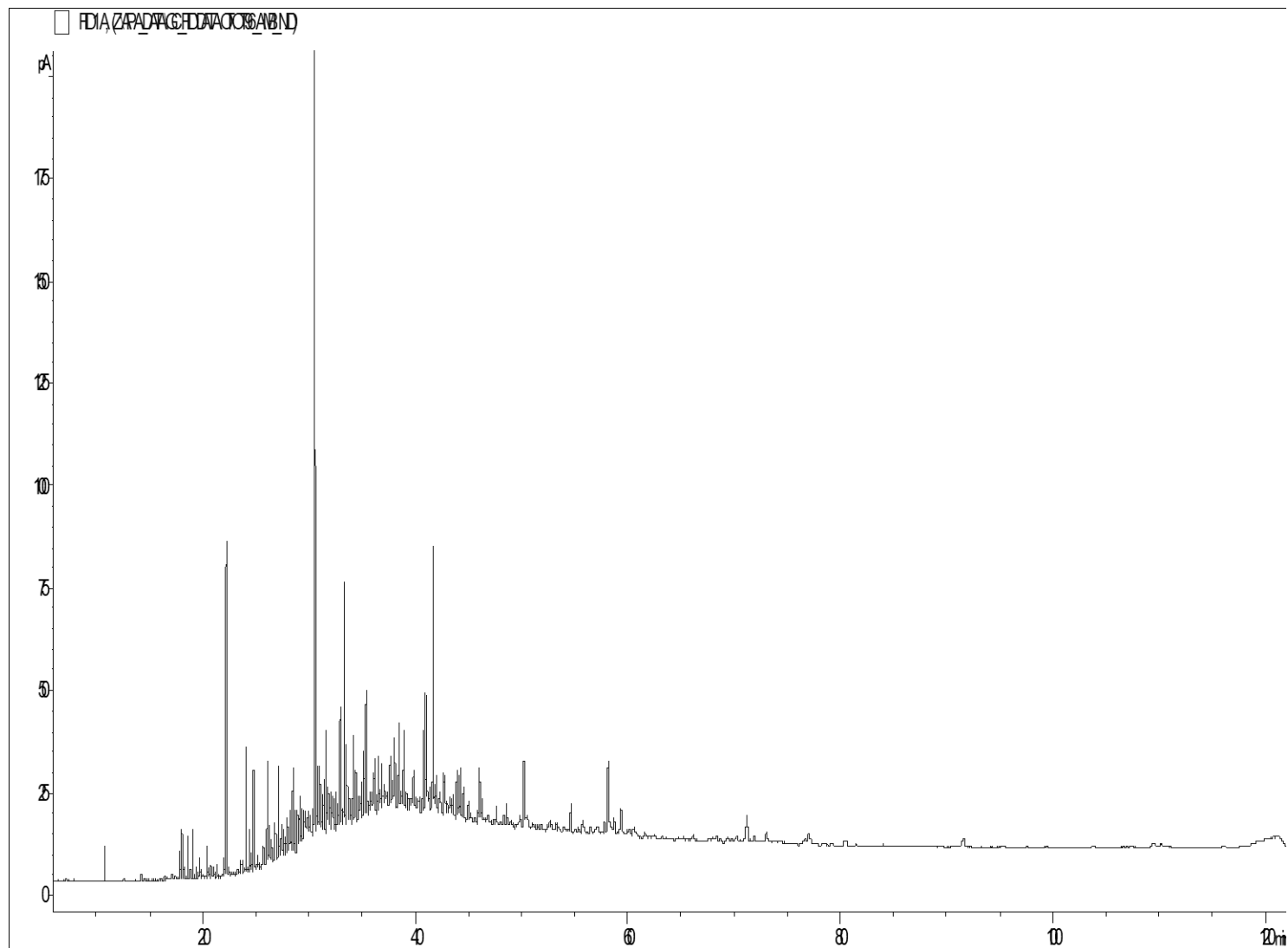
	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	na	na
REFRACTIVE INDEX @20°C	na	na
OPTICAL ROTATION @20°C	na	na

PHYSICAL APPEARANCE	Viscous liquid, like molasses.	Conforms
COLOR	Dark brown - red	Conforms
ODOR	Smoky, leathery, woody, with great tenacity.	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use	

PRIMARY CONSTITUENTS	Calamenene, Cadalene.
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GCMS ANALYSIS

CHROMATOGRAPHIC PROFILE:



- AMBER FOSSILIZED EO - SKU 60 lot 16 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
1	17.84	COMPOUND Mw=206	0.23		
2	18.03	DIMETHYL ACETYL TRICYCLO DECANE ISOMER Mw=206	0.37		
3	18.58	AROMATIC COMPOUND Mw=204	0.30		
4	19.07	DIMETHYL ACETYL TRICYCLO DECANE ISOMER Mw=206	0.41		
5	20.40	delta-CADINENE	0.27		
6	22.20	CALAMENENE	3.32		
7	24.08	alpha-CALACORENE	1.01		
8	24.35	SESQUITERPENIC COMPOUND	0.34		
9	24.76	COMPOUND Mw=202	0.78		
10	25.70	AROMATIC COMPOUND	0.22		
11	26.07	NAPHTHALENE, 1,7-DIMETHYL- Mw=156	0.98		
12	26.32	COMPOUND Mw=216	0.31		
13	26.80	COMPOUND Mw=220	0.56		
14	27.13	COMPOUND Mw=200	0.70		
15	27.34	AROMATIC COMPOUND	0.22		
16	27.44	COMPOUND Mw=242	0.38		
17	27.63	AROMATIC COMPOUND	0.22		
18	27.87	AROMATIC COMPOUND	0.34		
19	27.96	AROMATIC COMPOUND	0.49		
20	28.16	NAPHTHALENIC COMPOUND Mw=184	0.49		
21	28.25	COMPOUND Mw=200	0.43		
22	28.39	AROMATIC COMPOUND	0.30		
23	28.46	SPATHULENOL	0.86		
24	28.70	OXIDE COMPOUND	0.42		
25	28.93	OXIDE COMPOUND	0.56		
26	29.11	COMPOUND Mw=220	0.75		
27	29.32	COMPOUND Mw=220	0.44		
28	29.50	SESQUITERPENIC COMPOUND	0.45		
29	29.62	NAPHTHALENIC COMPOUND Mw=256	0.41		
30	29.70	AROMATIC COMPOUND	0.29		
31	29.79	SESQUITERPENIC COMPOUND	0.24		
32	29.91	COMPOUND Mw=256	0.44		
33	30.43	SESQUITERPENIC COMPOUND	0.37		
34	30.51	CADALENE	9.82		
35	30.57	COMPOUND Mw=220	0.40		
36	30.73	AROMATIC COMPOUND	0.58		
37	30.76	COMPOUND Mw=212	0.54		
38	30.96	COMPOUND Mw=256	1.07		
39	31.01	SESQUITERPENIC COMPOUND	0.42		
40	31.12	AROMATIC COMPOUND	0.50		
41	31.22	AROMATIC COMPOUND	0.46		
42	31.33	NAPHTHALENIC COMPOUND Mw=256	0.35		
43	31.46	NAPHTHALENIC COMPOUND Mw=188	0.51		

- AMBER FOSSILIZED EO - SKU 60 lot 16 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
44	31.60	COMPOUND Mw=220	1.10		
45	31.76	SESQUITERPENIC COMPOUND	0.96		
46	31.96	NAPHTHALENIC COMPOUND Mw=188	0.33		
47	32.09	NAPHTHALENIC COMPOUND Mw=188	0.33		
48	32.42	SESQUITERPENIC COMPOUND	0.42		
49	32.57	AROMATIC COMPOUND	0.62		
50	32.70	AROMATIC COMPOUND	0.27		
51	32.75	COMPOUND Mw=256	0.43		
52	32.95	COMPOUND Mw=220	1.34		
53	33.09	NAPHTHALENIC COMPOUND	0.24		
54	33.32	COMPOUND Mw=220	2.83		
55	33.55	AROMATIC COMPOUND Mw=196	0.73		
56	33.68	AROMATIC COMPOUND	0.30		
57	33.73	AROMATIC COMPOUND	0.42		
58	34.09	GUAIAZULENE	0.93		
59	34.27	COMPOUND Mw=256	0.42		
60	34.38	NAPHTHALENIC COMPOUND	0.66		
61	34.66	NAPHTHALENIC COMPOUND	0.30		
62	34.74	NAPHTHALENIC COMPOUND	0.27		
63	34.81	NAPHTHALENIC COMPOUND	0.22		
64	34.93	NAPHTHALENIC COMPOUND	0.42		
65	35.07	SESQUITERPENIC COMPOUND	0.35		
66	35.16	AROMATIC ALCOHOL	0.63		
67	35.23	AROMATIC COMPOUND	0.85		
68	35.35	AROMATIC COMPOUND Mw=254	1.24		
69	35.51	SESQUITERPENIC COMPOUND	0.37		
70	35.71	SESQUITERPENIC OXIDE	0.47		
71	35.87	SESQUITERPENIC COMPOUND	0.25		
72	35.94	AROMATIC COMPOUND	0.23		
73	36.02	COMPOUND Mw=218	0.52		
74	36.17	AROMATIC COMPOUND	0.73		
75	36.25	SESQUITERPENIC COMPOUND	0.22		
76	36.41	SESQUITERPENIC OXIDE	0.42		
77	36.56	AROMATIC COMPOUND	0.58		
78	36.72	AROMATIC COMPOUND Mw=254	0.32		
79	36.83	COMPOUND Mw=236	0.62		
80	36.92	AROMATIC COMPOUND	0.29		
81	37.04	AROMATIC COMPOUND Mw=212	0.80		
82	37.29	AROMATIC COMPOUND	0.24		
83	37.61	NAPHTHALENIC COMPOUND	1.25		
84	37.80	AROMATIC COMPOUND	0.57		
85	38.01	AROMATIC COMPOUND	1.75		
86	38.42	COMPOUND Mw=234	1.15		

- AMBER FOSSILIZED EO - SKU 60 lot 16 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
87	38.90	AROMATIC COMPOUND Mw=236	0.98		
88	39.18	AROMATIC COMPOUND	0.27		
89	39.73	AROMATIC COMPOUND	0.47		
90	39.85	AROMATIC COMPOUND	0.48		
91	39.94	AROMATIC COMPOUND	0.22		
92	40.68	SESQUITERPENIC COMPOUND	0.99		
93	40.86	ML01 CALAMENENE, 5-HYDROXY- ISOMER	1.49		
94	41.00	ML01 CALAMENENE, 5-HYDROXY-	1.08		
95	41.31	SESQUITERPENIC COMPOUND	0.23		
96	41.66	SESQUITERPENIC OXIDE Mw=220	3.62		
97	41.86	SESQUITERPENIC COMPOUND	0.39		
98	41.96	SESQUITERPENIC COMPOUND	0.65		
99	42.23	NAPHTHALENIC COMPOUND	0.22		
100	42.37	NAPHTHALENIC COMPOUND	0.32		
101	42.69	ACID COMPOUND	0.71		
102	42.79	NAPHTHALENIC COMPOUND	0.91		
103	43.46	SESQUITERPENIC COMPOUND	0.27		
104	43.63	COMPOUND Mw=308	0.31		
105	43.86	AROMATIC COMPOUND	0.81		
106	44.06	AROMATIC COMPOUND	0.71		
107	44.22	AROMATIC COMPOUND	0.89		
108	44.51	SESQUITERPENIC COMPOUND	0.61		
109	44.98	AROMATIC COMPOUND	0.30		
110	46.05	COMPOUND Mw=236	0.90		
111	46.30	COMPOUND Mw=234	0.36		
112	47.62	NAPHTHOL DIMETHYL ISOMER	0.27		
113	48.58	7-HYDROXYCADALENE Mw=214	0.33		
114	49.85	NAPHTHOL DIMETHYL ISOMER	0.24		
115	50.25	NAPHTHOL DIMETHYL ISOMER Mw=172	1.20		
116	52.66	COMPOUND Mw=408	0.26		
117	54.62	COMPOUND Mw=408	0.66		
118	55.77	7-HYDROXYCADALENE ISOMER Mw=214	0.32		
119	58.12	7-HYDROXYCADALENE ISOMER Mw=214	1.88		
120	58.70	7-HYDROXYCADALENE ISOMER Mw=214	0.37		
121	59.35	COMPOUND Mw=408	0.92		
122	60.53	COMPOUND Mw=410	0.35		
123	66.19	COMPOUND Mw=408	0.23		
124	70.24	COMPOUND Mw=406	0.25		
125	71.18	COMPOUND Mw=408	0.90		
126	73.07	COMPOUND Mw=406	0.30		
127	77.01	COMPOUND Mw=392	0.49		
128	91.52	COMPOUND Mw=408	0.39		
		TOTAL	87.40		-

This Oil is a 100% pure and natural product. It 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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