



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Fossilized Amber Oil
LATIN NAME	<i>Oleum succini / Anbar</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 #	13
MANUFACTURING DATE	November 2021
BEST BY DATE	November 2024

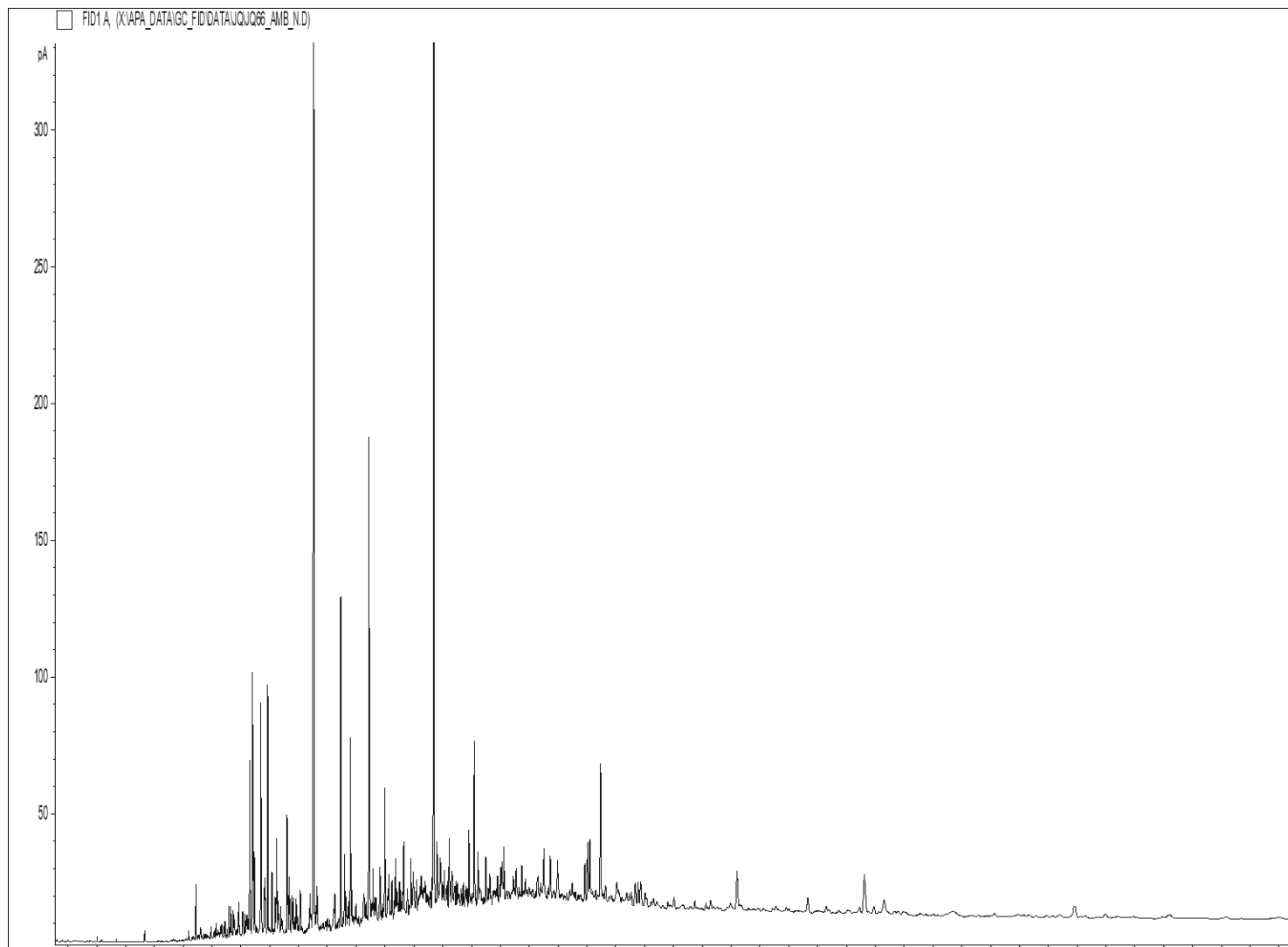
	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	na	na
REFRACTIVE INDEX @20°C	na	1.4698
OPTICAL ROTATION @20°C	na	na

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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THIRD PARTY LAB ANALYSIS (GCMS)

CHROMATOGRAPHIC PROFILE:



- AMBER OIL FOSSILIZED - SKU 60 LOT 13 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
1	14,88	alpha-COPAENE	0,56		
2	17,16	AROMATIC COMPOUND	0,30		
3	17,29	COMPOUND Mw=206	0,31		
4	17,47	COMPOUND Mw=206	0,23		
5	17,85	COMPOUND Mw=206	0,30		
6	18,14	COMPOUND Mw=206	0,43		
7	18,42	SESQUITERPENE	0,30		
8	18,62	DIMETHYL ACETYL TRICYCLO DECANE Mw=206	1,80		
9	18,81	DIMETHYL ACETYL TRICYCLO DECANE Mw=206	2,22		
10	18,87	COMPOUND Mw=206	0,38		
11	18,97	AROMATIC COMPOUND	0,73		
12	19,39	DIMETHYL ACETYL TRICYCLO DECANE Mw=206	2,63		
13	19,87	DIMETHYL ACETYL TRICYCLO DECANE Mw=206	2,75		
14	20,16	SESQUITERPENE	0,75		
15	20,39	ALKYL BENZENE ISOMER Mw=190	0,27		
16	20,49	SESQUITERPENE	0,88		
17	20,60	COMPOUND Mw=220	0,25		
18	20,78	NAPHTHALENIC COMPOUND Mw=174	0,21		
19	21,21	delta-CADINENE	0,93		
20	21,36	NAPHTHALENIC COMPOUND Mw=188	0,73		
21	21,54	AROMATIC COMPOUND	0,38		
22	21,63	SESQUITERPENE	0,29		
23	21,84	SESQUITERPENE	0,25		
24	22,13	SESQUITERPENE	0,60		
25	22,80	SESQUITERPENIC COMPOUND	0,28		
26	23,06	CALAMENENE	14,90		
27	23,27	AROMATIC COMPOUND Mw=188	0,31		
28	24,93	alpha-CALACORENE	3,54		
29	25,20	SESQUITERPENIC COMPOUND	0,75		
30	25,31	COMPOUND Mw=220	0,30		
31	25,61	CADINA-1(10),6,8- TRIENE	1,77		
32	25,69	AROMATIC COMPOUND Mw=186	0,25		
33	26,54	COMPOUND Mw=244	0,58		
34	26,89	NAPHTHALENE, 1,7-DIMETHYL- Mw=156	6,32		
35	27,17	COMPOUND Mw=216	0,42		
36	27,30	AROMATIC COMPOUND	0,23		
37	27,38	AROMATIC COMPOUND	0,31		
38	27,65	COMPOUND Mw=220	0,98		
39	27,99	COMPOUND Mw=200	1,28		
40	28,27	AROMATIC COMPOUND	0,36		
41	28,48	NAPHTHALENIC COMPOUND Mw=184	0,49		
42	28,73	COMPOUND Mw=184	0,59		

- AMBER OIL FOSSILIZED - SKU 60 LOT 13 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
43	28,81	COMPOUND Mw=192	0,27		
44	29,00	AROMATIC COMPOUND	0,44		
45	29,10	AROMATIC COMPOUND	0,22		
46	29,30	SPATHULENOL	0,56		
47	29,56	TERPENIC COMPOUND	0,46		
48	29,80	NAPHTHALENIC COMPOUND Mw=184	0,54		
49	29,96	SESQUITERPENOL	0,77		
50	30,19	COMPOUND Mw=218	0,37		
51	30,51	COMPOUND Mw=256	0,20		
52	31,39	CADALENE	11,10		
53	31,61	DIMETHYL DIPHENYLSILANE	0,86		
54	31,84	AROMATIC COMPOUND	0,30		
55	31,99	AROMATIC COMPOUND	0,20		
56	32,10	AROMATIC COMPOUND	0,37		
57	32,33	AROMATIC COMPOUND	0,23		
58	32,45	COMPOUND Mw=220	1,09		
59	32,83	AROMATIC COMPOUND	0,31		
60	32,95	AROMATIC COMPOUND	0,24		
61	33,28	AROMATIC COMPOUND	0,27		
62	33,82	COMPOUND Mw=220	1,00		
63	34,19	AROMATIC COMPOUND	2,10		
64		COMPOUND Mw=220			
65	34,45	METHANE, di-p-TOLYL-	0,66		
66	34,99	GUAIAZULENE	0,66		
67	35,28	AROMATIC COMPOUND	0,39		
68	35,81	COMPOUND Mw=218	0,23		
69	36,05	AROMATIC COMPOUND	0,23		
70	36,13	AROMATIC COMPOUND	0,23		
71	36,25	AROMATIC COMPOUND Mw=254	0,46		
72	37,09	COMPOUND Mw=236	0,50		
73	37,49	AROMATIC COMPOUND Mw=212	0,35		
74	39,02	AROMATIC COMPOUND Mw=234	0,90		
75	39,46	COMPOUND Mw=236	0,71		
76	39,97	AROMATIC COMPOUND	0,90		
77	41,86	COMPOUND Mw=220	0,65		
78	42,05	AROMATIC COMPOUND	0,83		
79	42,20	CALAMENENE 5-HYDROXY	0,73		
80	42,94	SESQUITERPENIC OXIDE Mw=220	2,27		
81	43,28	SESQUITERPENIC COMPOUND	0,34		
82	44,07	AROMATIC COMPOUND	0,30		
83	44,75	AROMATIC COMPOUND	0,21		
84	45,35	AROMATIC COMPOUND	0,53		
85	45,55	AROMATIC COMPOUND	0,39		

- AMBER OIL FOSSILIZED - REF. 60 LOT 13 -					
Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
86	45,73	AROMATIC COMPOUND	0,53		
87	48,03	AROMATIC COMPOUND	0,28		
88	50,57	COMPOUND Mw=214	0,23		
89	52,41	NAPHTHOL DIMETHYL ISOMER Mw=172	0,99		
90	57,32	7-HYDROXYCADALENE ISOMER Mw=214	0,48		
91	61,24	7-HYDROXYCADALENE Mw=214	1,47		
92	62,61	AROMATIC COMPOUND Mw=200	0,52		
93	75,81	COMPOUND Mw=218	0,72		
		TOTAL	91,67		

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.

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