



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Amyris
LATIN NAME	<i>Amyris balsamifera</i>
COUNTRY OF ORIGIN	Dominican Republic
CULTIVATION METHOD	Wild Grown
TYPE	Essential Oil
EXTRACTION METHOD	Steam Distilled
PLANT PART	Wood
USE	Aromatherapy, Natural Perfumery

SKU	70
LOT #	21
MANUFACTURING DATE	September 2025
BEST BY DATE	September 2035

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @25°C	0.946 – 0.978	na
REFRACTIVE INDEX @20°C	1.502 – 1.512	1.5044
OPTICAL ROTATION @20°C	+20° to +45°	na

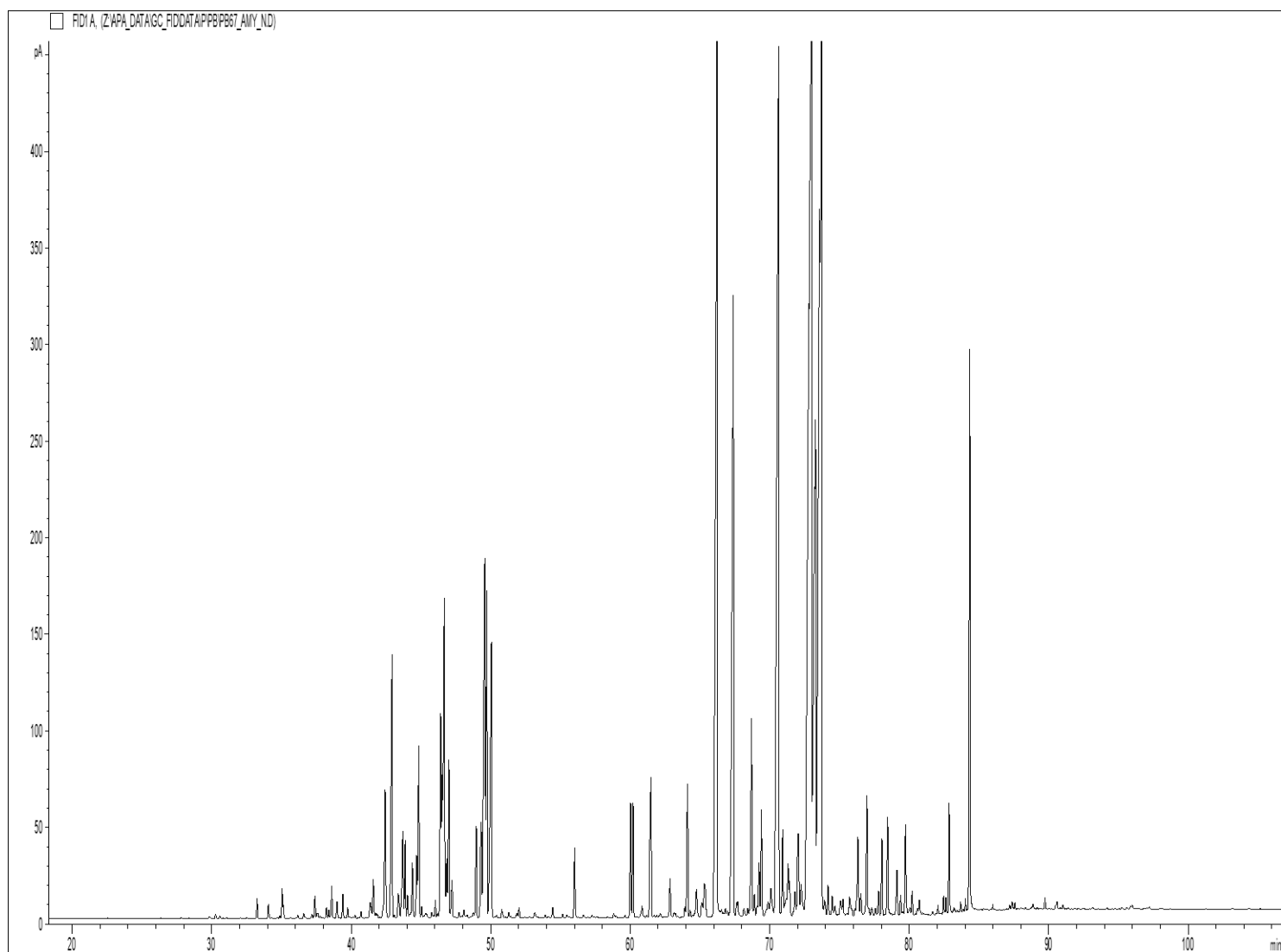
PHYSICAL APPEARANCE	Transparent liquid	Conforms
COLOR	Yellow to brown	Conforms
ODOR	Soft, woody, sweet-balsamic aroma.	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use	

PRIMARY CONSTITUENTS	Valerianol, Gamma-Eudesmol, Elemol.
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COMMENTS	Odor quality is excellent
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GCMS ANALYSIS

CHROMATOGRAPHIC PROFILE



- AMYRIS EO - SKU 70 LOT 21 -

Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
1	30.28	FURFURAL	98-01-1	0.02		
2	33.25	1,3,7,7-TETRAMETHYL-BICYCLO-3-DECENE		0.09		
3	34.06	SESQUITERPENE		0.07		
4	35.04	SESQUITERPENE		0.14		
5	35.13	SESQUITERPENE		0.05		
6	36.17	SESQUITERPENE		0.02		
7	36.59	BERGAMOTENE ISOMER		0.03		
8	37.18	alpha-CEDRENE	469-61-4	0.02		
9	37.40	SILPHINENE ISOMER		0.11		
10	37.56	alpha-SANTALENE	512-61-8	0.02		
11	37.61	SESQUITERPENE		0.02		
12	37.77	TERPENIC COMPOUND		0.01		
13	38.22	SESQUITERPENE		0.05		
14	38.38	alpha-trans-BERGAMOTENE	13474-59-4	0.04		
15	38.60	beta-ELEMENE	33880-83-0	0.17		
16	38.98	beta-CARYOPHYLLENE	87-44-5	0.09		0.09
17	39.40	SESQUITERPENE		0.12		
18	39.75	SESQUITERPENE		0.05		
19	40.28	SESQUITERPENE		0.01		
20	40.70	SESQUITERPENE		0.03		
21	41.36	beta-SANTALENE	511-59-1	0.14		
22	41.58	CURCUMENE ISOMER		0.23		
23	41.77	SESQUITERPENE		0.03		
24	41.87	SESQUITERPENE		0.02		
25	42.43	CURCUMENE ISOMER		0.89		
26	42.93	alpha-ACORADIENE	24048-44-0	1.77		
27	43.08	SESQUITERPENE		0.01		
28	43.38	alpha-HUMULENE	6753-98-6	0.19		
29		E-beta-FARNESENE	18794-84-8			
30	43.70	SESQUITERPENE		0.59		
31	43.87	gamma-SELINENE	515-17-3	0.40		
32	44.03	COMPOUND Mw=222		0.13		
33	44.19	SESQUITERPENE		0.02		
34	44.38	beta-ACORADIENE	28477-64-7	0.33		
35	44.69	SELINENE ISOMER		0.34		
36	44.85	gamma-CURCUMENE	28976-68-3	0.97		
37	45.04	SESQUITERPENE		0.07		
38	45.31	SESQUITERPENE		0.03		
39	45.40	COMPOUND Mw=220		0.03		
40	45.77	SESQUITERPENE Mw=202		0.03		
41	46.03	SESQUITERPENE		0.09		
42	46.19	TERPENIC COMPOUND		0.03		

- AMYRIS EO - SKU 70 LOT 21 -

Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
43	46.41	VALENCENE	4630-07-3	1.15		
44		beta-SELINENE	17066-67-0			
45	46.52	beta-DIHYDRO-AGAROFURAN		0.73		
46	46.67	alpha-ZINGIBERENE	495-60-3	2.16		
47		alpha-SELINENE	473-13-2			
48	46.84	alpha-DIHYDRO-AGAROFURAN		0.32		
49	47.00	beta-BISABOLENE	495-61-4	0.85		
50	47.22	SESQUITERPENE		0.24		
51	47.74	beta-CURCUMENE	28976-67-2	0.03		
52	48.08	AROMATIC COMPOUND		0.05		
53	48.31	E,E-alpha-FARNESENE	502-61-4	0.02		
54	48.76	SESQUITERPENE		0.05		
55	48.97	7-epi-alpha-SELINENE	123123-37-5	0.51		
56	49.31	delta-SELINENE	28624-23-9	0.67		
57	49.58	beta-SESQUIPHELLANDRENE	20307-83-9	3.19		
58	49.73	alpha-CURCUMENE	644-30-4	1.75		
59	50.05	alpha-PANASINSEN	56633-28-4	2.30		
60	50.42	COMPOUND Mw=218		0.02		
61	50.79	COMPOUND Mw=222		0.06		
62	51.29	COMPOUND Mw=176		0.03		
63	51.90	COMPOUND Mw=220		0.04		
64	52.03	COMPOUND Mw=220		0.06		
65	53.16	COMPOUND Mw=222		0.04		
66	53.92	COMPOUND Mw=220		0.02		
67	54.44	COMPOUND Mw=220		0.06		
68	55.16	COMPOUND Mw=220		0.02		
69	55.47	COMPOUND Mw=220		0.03		
70	56.01	alpha-AGAROFURAN	5956-12-7	0.38		
71	56.64	alpha-CALACORENE	21391-99-1	0.02		
72	57.24	AROMATIC COMPOUND		0.01		
73	58.82	COMPOUND Mw=220		0.03		
74	59.62	COMPOUND Mw=220		0.01		
75	60.03	cis-NEROLIDOL	3790-78-1	0.59		
76	60.21	SESQUITERPENIC COMPOUND		0.56		
77	60.85	COMPOUND Mw=222		0.10		
78	61.18	COMPOUND Mw=220		0.01		
79	61.49	AROMATIC COMPOUND		1.07		
80	61.70	COMPOUND Mw=220		0.02		
81	61.88	COMPOUND Mw=220		0.01		
82	62.15	COMPOUND Mw=216		0.03		
83	62.86	SESQUITERPENIC COMPOUND		0.23		
84	63.14	SESQUITERPENOL		0.03		
85	63.25	SESQUITERPENOL		0.02		

- AMYRIS EO - SKU 70 LOT 21 -

Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
86	63.92	SESQUITERPENOL		0.07		
87	64.10	trans-NEROLIDOL	40716-66-3	0.77		
88	64.29	AROMATIC COMPOUND		0.05		
89	64.47	COMPOUND Mw=220		0.01		
90	64.62	AROMATIC COMPOUND		0.02		
91	64.76	SESQUITERPENOL		0.21		
92	65.13	COMPOUND Mw=220		0.13		
93	65.32	COMPOUND Mw=220		0.34		
94	66.23	ELEMOL	639-99-6	8.14	5.0 - 15.0	
95	66.55	GUAIOL	489-86-1	0.06		
96	66.83	COMPOUND Mw=222		0.05		
97	66.97	COMPOUND Mw=220		0.03		
98	67.39	10-epi-gamma-EUDESOL	15051-81-7	5.20		
99		EUDESOL ISOMER				
100	67.63	COMPOUND Mw=220		0.06		
101	67.71	beta-SESQUIPHELLANDROL		0.08		
102	68.15	EUDESOL ISOMER		0.05		
103	68.43	COMPOUND Mw=220		0.05		
104	68.70	AGAROSPIROL ISOMER		1.19		
105	68.91	EUDESOL ISOMER		0.13		
106	69.10	SESQUITERPENOL		0.06		
107	69.23	SESQUITERPENOL		0.32		
108	69.42	SESQUITERPENOL		0.59		
109	69.88	COMPOUND Mw=222		0.17		
110	70.09	EUDESOL ISOMER		0.29		
111	70.65	gamma-EUDESOL	1209-71-8	9.34	4.0 - 12.0	
112	70.94	AGAROSPIROL	1460-73-7	0.49		
113	71.20	COMPOUND Mw=220		0.18		
114	71.32	SESQUITERPENOL		0.34		
115	71.42	SESQUITERPENOL		0.18		
116	71.81	HINESOL	23811-08-7	0.21		
117	72.05	COMPOUND Mw=222		0.72		
118	72.26	SESQUITERPENIC COMPOUND		0.32		
119	73.01	VALERIANOL	20489-45-6	15.93	15.0 - 35.0	
120	73.29	alpha-EUDESOL	473-16-5	5.62	3.0 - 9.0	
121	73.74	beta-EUDESOL	473-15-4	14.17	2.5 - 11.0	
122		7-epi-alpha-EUDESOL			7.0 - 15.0	
123	73.94	COMPOUND Mw=220		0.11		
124	74.19	COMPOUND Mw=220		0.16		
125	74.49	EUDESMA-7(11)-EN-4-OL	473-04-1	0.12		
126	74.68	COMPOUND Mw=220		0.08		
127	75.09	SESQUITERPENOL		0.13		
128	75.26	SESQUITERPENIC COMPOUND		0.11		

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Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
129	75.73	COMPOUND Mw=222		0.16		
130	75.89	DIMETHYL METHYLPENTENYL NORBORNANOL		0.03		
131	76.12	COMPOUND Mw=220		0.04		
132	76.33	COMPOUND Mw=220		0.54		
133	76.54	JUNIPER CAMPHOR		0.15		
134	76.97	COMPOUND Mw=220		0.78		
135	77.31	COMPOUND Mw=238		0.06		
136	77.58	COMPOUND Mw=216		0.04		
137	77.81	COMPOUND Mw=220		0.15		
138	78.05	COMPOUND Mw=220		0.41		
139	78.45	COMPOUND Mw=222		0.58		
140	79.13	E,E-FARNESOL	4602-84-0	0.30		0.30
141	79.40	ZINGIBERENOL	58334-55-7	0.11		
142	79.53	COMPOUND Mw=222		0.03		
143	79.74	COMPOUND Mw=220		0.53		
144	80.05	SESQUITERPENIC COMPOUND		0.07		
145	80.22	COMPOUND Mw=220		0.14		
146	80.59	COMPOUND Mw=220		0.04		
147	80.73	COMPOUND Mw=236		0.11		
148	80.94	COMPOUND Mw=220		0.02		
149	81.68	COMPOUND Mw=222		0.03		
150	82.07	COMPOUND Mw=220		0.05		
151	82.47	COMPOUND Mw=220		0.09		
152	82.64	COMPOUND Mw=222		0.08		
153	82.86	COMPOUND Mw=222		0.52		
154	83.22	COMPOUND Mw=236		0.05		
155	83.69	COMPOUND Mw=220		0.06		
156	83.88	AROMATIC COMPOUND		0.04		
157	84.04	COMPOUND Mw=220		0.07		
158	84.35	DRIMENOL	468-68-8	2.99	0.70 - 5.0	
159	85.99	COMPOUND Mw=220		0.03		
160	87.20	COMPOUND Mw=234		0.02		
161	87.37	COMPOUND Mw=218		0.05		
162	87.58	COMPOUND Mw=220		0.03		
163	88.88	COMPOUND Mw=234		0.04		
164	89.74	COMPOUND Mw=218		0.05		
165	90.51	AROMATIC COMPOUND		0.02		
166	90.59	AROMATIC COMPOUND		0.04		
167	91.03	AROMATIC COMPOUND		0.02		
168	95.88	PALMITIC ACID	57-10-3	0.02		
		TOTAL		99.80		0.39

This Essential 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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