



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Labdanum Absolute - Clear
LATIN NAME	<i>Cistus ladaniferus</i>
COUNTRY OF ORIGIN	Spain
CULTIVATION METHOD	Wild Grown
TYPE	Absolute
EXTRACTION METHOD	Solvent Extraction
PLANT PART	Oleo-resin
USE	Natural Perfumery, Incense.

SKU	490
LOT #	31
MANUFACTURING DATE	September 2025
BEST BY DATE	September 2030

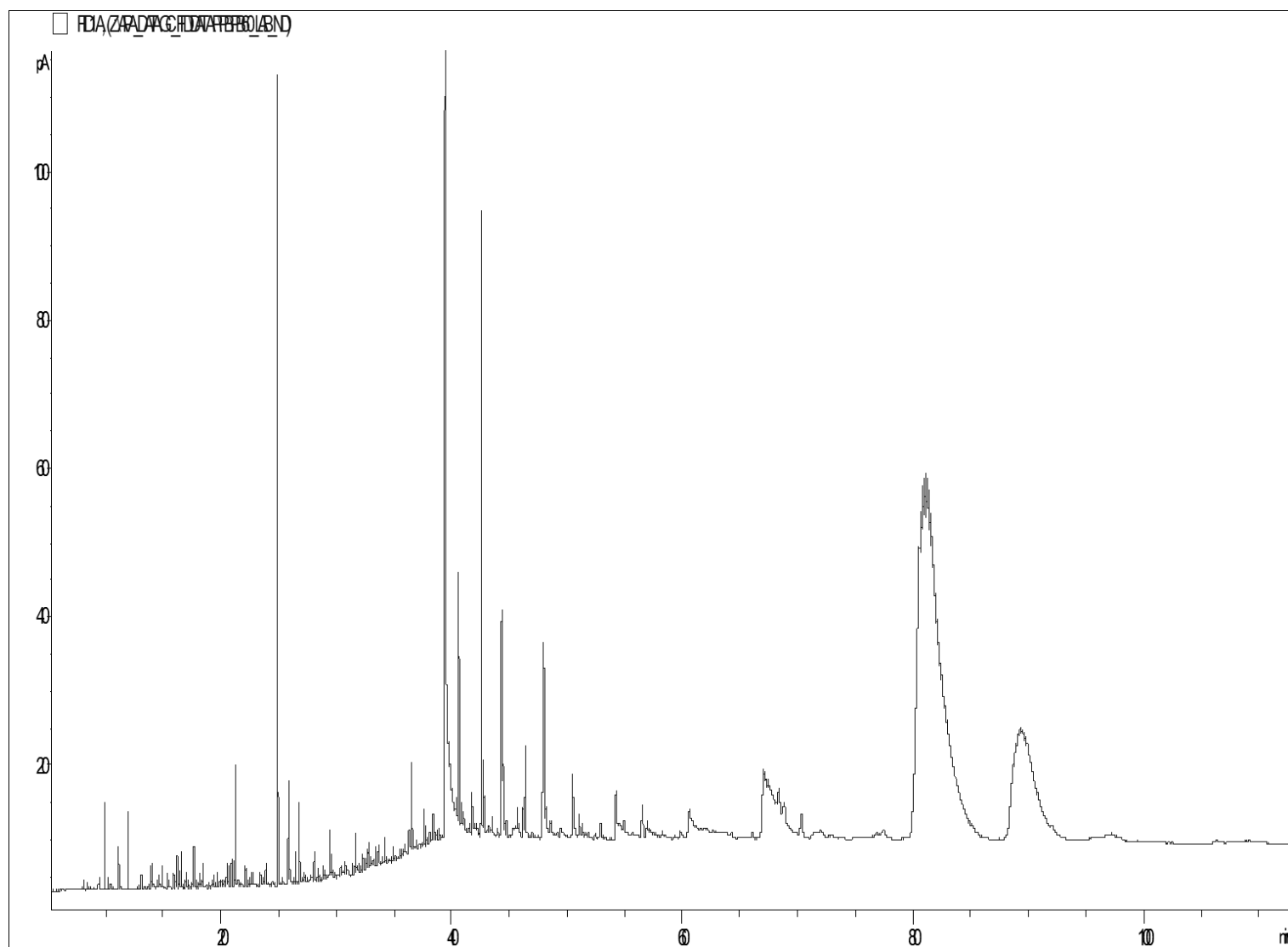
	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	na	na
REFRACTIVE INDEX @20°C	na	na
OPTICAL ROTATION @20°C	na	na

PHYSICAL APPEARANCE	Thick and resinous substance	Conforms
COLOR	Reddish brown	Conforms
ODOR	Deep, sweet balsamic aroma with ambergris-like undertone.	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use	

PRIMARY CONSTITUENTS	Diterpenes, Labdanolic Acid.
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GCMS ANALYSIS

CHROMATOGRAPHIC PROFILE



- LABDANUM CLEAR ABS - SKU 490 LOT 31 -

Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
1	9.94	p-CYMENE	99-87-6	0.18		
2	10.24	TERPINOLENE	586-62-9	0.03		0.03
3	11.15	CYCLOHEXANONE, 2,2,6-TRIMETHYL-	2408-37-9	0.09		
4	11.19	PINOL	2437-97-0	0.03		
5	13.09	AROMATIC COMPOUND		0.04		
6	13.94	alpha,p-DIMETHYLSTYRENE	1195-32-0	0.07		
7	14.04	ACETIC ACID	64-19-7	0.07		
8	14.46	ALIPHATIC ALCOHOL		0.03		
9	14.69	VITISPIRANE	65416-59-3	0.03		
10	14.90	SESQUITERPENE		0.05		
11	15.40	ISOLEDENE	95910-36-4	0.04		
12	15.88	SESQUITERPENE		0.06		
13	16.20	alpha-GURJUNENE	489-40-7	0.09		
14	16.37	SESQUITERPENE		0.05		
15	16.58	SESQUITERPENE		0.11		
16	16.99	SESQUITERPENE		0.07		
17	17.67	BORNYL ACETATE	76-49-3	0.13		
18	17.72	alpha-SANTALENE	512-61-8	0.05		
19	17.87	SESQUITERPENE		0.03		
20	18.17	SESQUITERPENE		0.05		
21	18.40	CADINA-3,5-DIENE		0.03		
22	18.46	SESQUITERPENE		0.09		
23	19.27	GERMACRENE A	28387-44-2	0.04		
24	19.37	SESQUITERPENE		0.05		
25	19.69	SESQUITERPENE		0.06		
26	20.03	LEDENE	21747-46-6	0.03		
27	20.51	BORNEOL	507-70-0	0.09		
28	20.70	SESQUITERPENE		0.06		
29	20.85	SESQUITERPENE		0.03		
30	20.94	VERBENONE	80-57-9	0.08		
31	21.01	SESQUITERPENE		0.04		
32	21.13	CARVENONE	499-74-1	0.06		
33	21.27	SESQUITERPENE		0.35		
34	22.08	delta-CADINENE	483-76-1	0.06		
35	22.13	CADINA-1,4-DIENE	16728-99-7	0.05		
36	22.45	SESQUITERPENE		0.04		
37	22.60	COMPOUND Mw=220		0.07		
38	22.76	SESQUITERPENE		0.04		
39	23.90	ALIPHATIC ESTER		0.07		
40	24.89	ETHYL PHENYL PROPIONATE	2021-28-5	2.05		
41	25.84	alpha-CALACORENE	21391-99-1	0.28		
42	25.95	COMPOUND Mw=248		0.07		
43	26.50	COMPOUND Mw=186		0.09		

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Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
44	26.82	COMPOUND Mw=262		0.22		
45	26.91	COMPOUND Mw=262		0.06		
46	27.27	SESQUITERPENIC COMPOUND		0.04		
47	27.78	COMPOUND Mw=260		0.03		
48	27.90	beta-CALACORENE	50277-34-4	0.03		
49	28.05	ALIPHATIC ESTER		0.08		
50	28.86	COMPOUND Mw=260		0.06		
51	28.94	COMPOUND Mw=222		0.03		
52	29.42	COMPOUND Mw=220		0.16		
53	29.58	COMPOUND Mw=220		0.11		
54	29.68	COMPOUND Mw=220		0.03		
55	30.40	DITERPENE		0.03		
56	30.83	AROMATIC COMPOUND		0.07		
57	31.00	COMPOUND Mw=276		0.03		
58	31.33	CADALENE	483-78-3	0.05		
59	31.55	COMPOUND Mw=264		0.03		
60	31.63	COMPOUND Mw=284		0.13		
61	32.31	DITERPENE		0.06		
62	32.69	COMPOUND Mw=284		0.07		
63	32.80	COMPOUND Mw=284		0.11		
64	32.97	DITERPENE		0.08		
65	33.43	COMPOUND Mw=270		0.09		
66	33.68	COMPOUND Mw=298		0.09		
67	34.05	COMPOUND Mw=298		0.03		
68	34.15	DITERPENE		0.08		
69	34.28	COMPOUND Mw=276		0.03		
70	34.95	DITERPENE		0.06		
71	36.32	COMPOUND Mw=382		0.03		
72	36.59	COMPOUND Mw=312		0.22		
73	37.56	COMPOUND Mw=326		0.20		
74	37.75	COMPOUND Mw=332		0.10		
75	38.40	ACID COMPOUND		0.09		
76	38.51	ACID COMPOUND		0.08		
77	39.45	HYDROCINNAMIC ACID	501-52-0	8.17		
78	40.61	ALIPHATIC ESTER Mw=340		0.81		
79	40.86	ACID COMPOUND		0.10		
80	41.03	ACID COMPOUND		0.08		
81	41.53	ALIPHATIC ESTER		0.05		
82	41.77	ALIPHATIC ESTER		0.30		
83	42.02	ALIPHATIC ESTER		0.09		
84	42.18	ALIPHATIC ESTER		0.06		
85	42.63	COMPOUND Mw=334		2.55		
86	42.77	COMPOUND Mw=334		0.35		

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Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
87	42.86	COMPOUND Mw=332		0.22		
88	43.51	ALIPHATIC ESTER Mw=368		0.07		
89	43.97	ALIPHATIC ESTER		0.04		
90	44.32	ACID COMPOUND Mw=334		0.99		
91	44.44	COMPOUND Mw=334		1.00		
92	44.57	COMPOUND Mw=334		0.18		
93	44.77	COMPOUND Mw=334		0.13		
94	45.40	COMPOUND Mw=332		0.08		
95	45.56	ALIPHATIC ESTER Mw=368		0.09		
96	45.72	COMPOUND Mw=332		0.17		
97	45.84	ALIPHATIC ESTER Mw=368		0.09		
98	46.24	ALIPHATIC ESTER Mw=334		0.17		
99	46.44	ALIPHATIC ESTER Mw=368		0.46		
100	48.00	COMPOUND Mw=292		1.50		
101	48.19	COMPOUND Mw=292		0.22		
102	48.63	COMPOUND Mw=290		0.11		
103	49.50	COMPOUND Mw=324		0.07		
104	50.50	COMPOUND Mw=292		0.49		
105	51.09	COMPOUND Mw=330		0.15		
106	51.36	COMPOUND Mw=276		0.10		
107	52.91	COMPOUND Mw=328		0.11		
108	54.27	STEARIC ACID	57-11-4	0.36		
109	54.98	COMPOUND Mw=300		0.06		
110	56.55	COMPOUND Mw=356		0.30		
111	56.95	ACID COMPOUND		0.15		
112	60.63	COMPOUND Mw=298		0.51		
113	67.07	ARACHIDIC ACID		5.18		
114	68.34	COMPOUND Mw=354		0.21		
115	68.82	COMPOUND Mw=430		0.19		
116	70.34	COMPOUND Mw=320		0.28		
117	81.10	COMPOUND Mw=306		49.95		
118	89.43	COMPOUND Mw=306		14.60		
		TOTAL		98.39		0.03

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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