



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	Oleoresin
USE	Natural Perfumery, Incense.

SKU	490
LOT #	29
MANUFACTURING DATE	April 2024
BEST BY DATE	April 2029

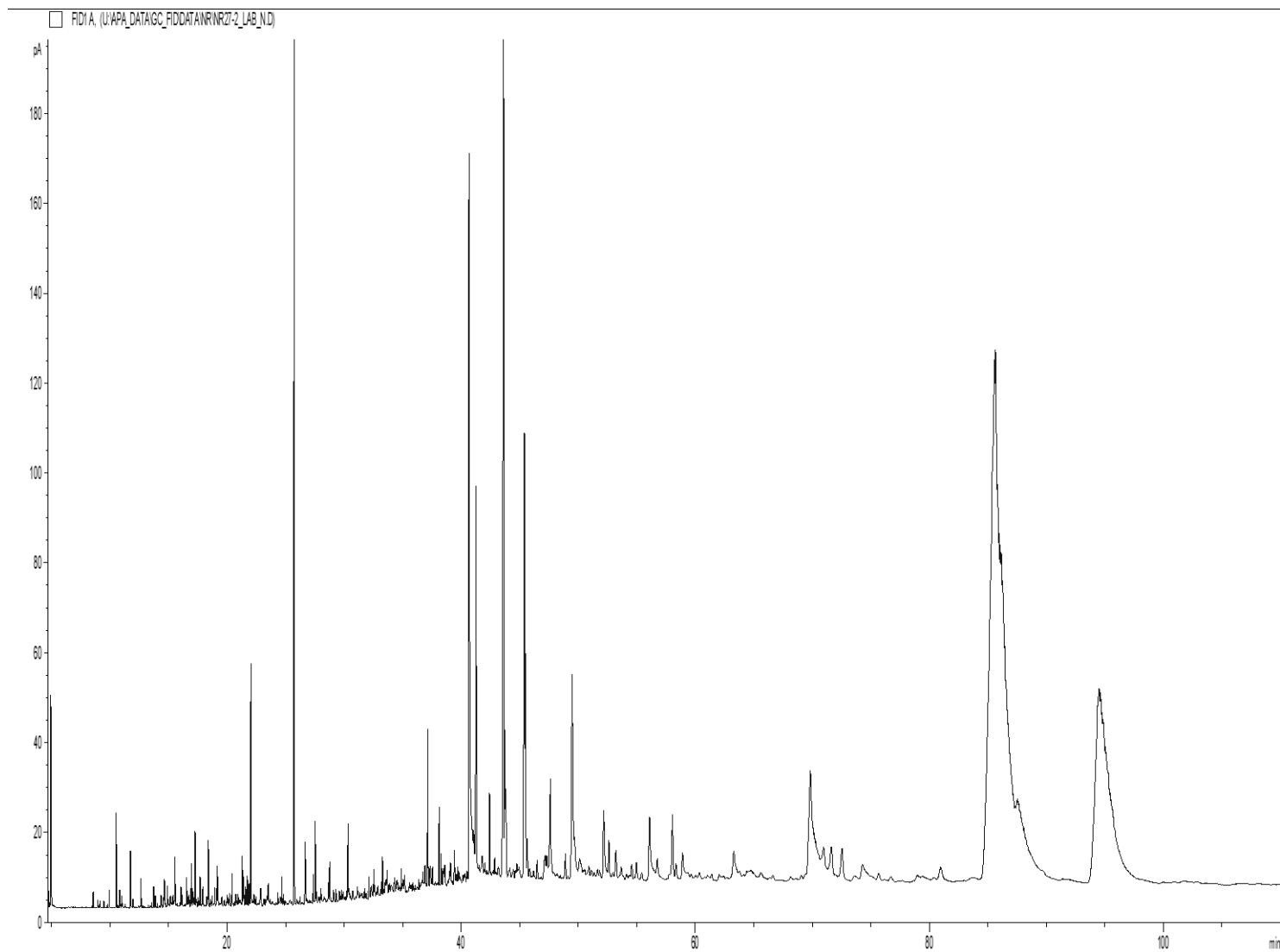
	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	na	na
REFRACTIVE INDEX @20°C	na	na
OPTICAL ROTATION @20°C	na	na

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 29 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
1	4.70	ETHYL ACETATE	0.06		
2	4.93	ETHANOL	0.52		
3	10.53	p-CYMENE	0.18		
4	11.75	CYCLOHEXANONE, 2,2,6-TRIMETHYL-	0.15		
5	13.73	SESQUITERPENE	0.05		
6	14.65	alpha,p-DIMETHYLSTYRENE	0.06		
7	14.90	ACETIC ACID	0.07		
8	15.37	VITISPIRANE	0.05		
9	15.55	SESQUITERPENE	0.15		
10	16.06	ISOLEDENE	0.05		
11	16.53	AROMATIC COMPOUND	0.09		
12	16.93	PINOCAMPHONE	0.10		
13	17.26	alpha-GURJUNENE	0.17		
14	17.68	SESQUITERPENE	0.08		
15	18.39	BORNYL ACETATE	0.21		
16	18.93	SESQUITERPENE	0.05		
17	19.09	SESQUITERPENE	0.05		
18	19.17	SESQUITERPENE	0.10		
19	20.41	SESQUITERPENE	0.10		
20	20.73	LACTONE LAVANDE	0.05		
21	21.29	BORNEOL	0.12		
22	21.42	SESQUITERPENE	0.09		
23	21.58	SESQUITERPENE	0.06		
24	21.71	VERBENONE	0.10		
25	21.88	CARVENONE	0.06		
26	22.03	SESQUITERPENE	0.58		
27	22.83	delta-CADINENE	0.05		
28	23.51	CADINA-1,4-DIENE	0.06		
29	24.68	CALAMENENE	0.07		
30	25.73	ETHYL PHENYL PROPIONATE	2.53		
31	26.68	ALKYL BENZENE Mw=188	0.22		
32	27.35	ALKYL BENZENE Mw=186	0.07		
33	27.53	COMPOUND Mw=262	0.20		
34	28.65	TERPENIC COMPOUND	0.07		
35	28.76	COMPOUND Mw=262	0.12		
36	29.08	METHYL MYRISTATE	0.06		
37	30.32	OXYGENED COMPOUND	0.25		
38	30.73	AROMATIC COMPOUND	0.05		
39	31.14	AROMATIC COMPOUND	0.09		
40	32.12	EUDESMOL ISOMER	0.08		
41	32.33	AROMATIC COMPOUND	0.05		
42	32.52	CARVACROL	0.09		
43	32.61	AROMATIC COMPOUND	0.05		

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Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
44	32.87	TERPENIC COMPOUND	0.07		
45	33.17	CADALENE	0.07		
46	33.27	ETHYL PALMITATE	0.10		
47	33.52	OXYGENED COMPOUND	0.09		
48	33.59	AROMATIC COMPOUND	0.06		
49	33.68	AROMATIC COMPOUND	0.10		
50	34.03	ALIPHATIC ESTER	0.09		
51	34.32	ALIPHATIC ESTER	0.08		
52	34.49	AROMATIC COMPOUND	0.08		
53	34.88	SESQUITERPENIC COMPOUND	0.07		
54	35.01	ALDEHYDEE COMPOUND	0.07		
55	35.15	COMPOUND Mw=275	0.11		
56	35.69	COMPOUND Mw=275	0.05		
57	36.38	AROMATIC COMPOUND	0.08		
58	36.72	KETONIC COMPOUND	0.16		
59	36.90	COMPOUND Mw=264	0.12		
60	37.14	ETHYL STEARATE	0.45		
61	37.33	LAURIC ACID	0.13		
62	37.54	ALIPHATIC ESTER	0.08		
63	38.11	METHYL ARACHIDATE	0.20		
64	38.29	AROMATIC COMPOUND	0.11		
65	38.47	AROMATIC COMPOUND	0.10		
66	38.61	ALIPHATIC ESTER	0.11		
67	39.01	ALIPHATIC ESTER	0.07		
68	39.09	AROMATIC COMPOUND	0.08		
69	39.41	AROMATIC COMPOUND	0.15		
70	39.59	ALIPHATIC ESTER	0.05		
71	39.71	ALIPHATIC ESTER	0.08		
72	39.84	ALIPHATIC ESTER	0.08		
73	40.51	COMPOUND Mw=222	0.07		
74	40.66	HYDROCINNAMIC ACID	5.17		
75	41.07	KETONIC COMPOUND	0.06		
76	41.27	ETHYL ARACHIDATE	1.21		
77	41.78	ACID COMPOUND	0.13		
78	42.03	ACID COMPOUND	0.05		
79	42.42	COMPOUND Mw=334	0.28		
80	42.85	ACID COMPOUND	0.06		
81	43.17	AROMATIC COMPOUND	0.06		
82	43.62	COMPOUND Mw=334	4.17		
83	43.74	COMPOUND Mw=334	0.65		
84	43.82	AROMATIC COMPOUND	0.24		
85	44.16	ALKEN COMPOUND	0.10		
86	44.46	ALIPHATIC ESTER	0.09		

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Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
87	44.75	ALIPHATIC ESTER	0.09		
88	44.93	ALIPHATIC ESTER	0.10		
89	45.40	COMPOUND Mw=334	2.01		
90	45.49	COMPOUND Mw=334	0.79		
91	45.64	COMPOUND Mw=334	0.18		
92	45.84	AROMATIC COMPOUND	0.08		
93	46.18	ALIPHATIC ESTER	0.07		
94	46.49	AROMATIC COMPOUND	0.08		
95	47.18	CINNAMIC ACID	0.24		
96	47.32	ALIPHATIC ESTER	0.18		
97	47.62	COMPOUND Mw=334	0.91		
98		PALMITIC ACID			
99	48.91	COMPOUND Mw=300	0.16		
100	49.49	COMPOUND Mw=292	2.18		
101	49.69	COMPOUND Mw=292	0.19		
102	50.12	AROMATIC COMPOUND	0.15		
103	50.92	AROMATIC COMPOUND	0.07		
104	51.13	COMPOUND Mw=316	0.06		
105	51.67	AROMATIC COMPOUND	0.10		
106	51.83	SESQUITERPENIC COMPOUND	0.07		
107	52.20	COMPOUND Mw=292	0.71		
108	52.63	COMPOUND Mw=330	0.18		
109	53.22	OXYGENED COMPOUND	0.31		
110	53.68	AROMATIC COMPOUND	0.16		
111	54.13	SESQUITERPENIC COMPOUND	0.05		
112	54.57	AROMATIC COMPOUND	0.11		
113	54.98	AROMATIC COMPOUND	0.12		
114	55.43	AROMATIC COMPOUND	0.06		
115	56.10	STEARIC ACID	0.92		
116	56.77	OXYGENED COMPOUND	0.11		
117	58.06	COMPOUND Mw=292	0.49		
118	58.35	SESQUITERPENIC COMPOUND	0.12		
119	58.93	ACID COMPOUND	0.41		
120	59.67	AROMATIC COMPOUND	0.06		
121	60.36	KETONIC COMPOUND	0.10		
122	61.03	ACID COMPOUND	0.07		
123	61.42	AROMATIC COMPOUND	0.08		
124	62.06	ACID COMPOUND	0.10		
125	62.44	ACID COMPOUND	0.07		
126	63.31	KETONIC COMPOUND	0.67		
127	65.63	AROMATIC COMPOUND	0.09		
128	66.64	AROMATIC COMPOUND	0.12		
129	69.07	OXYGENED COMPOUND	0.09		

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Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
130	69.82	ARACHIDIC ACID	4.22		
131	70.98	AROMATIC COMPOUND	0.23		
132	71.65	COMPOUND Mw=348	0.30		
133	72.54	COMPOUND Mw=384	0.33		
134	73.61	COMPOUND Mw=392	0.17		
135	74.32	ACID COMPOUND	0.62		
136	75.67	ALIPHATIC ESTER	0.14		
137	76.71	AROMATIC COMPOUND	0.10		
138	78.98	AROMATIC COMPOUND	0.36		
139	80.98	COMPOUND Mw=348	0.31		
140	85.63	ACID COMPOUND	39.27		
141		COMPOUND Mw=306			
142	94.51	ACID COMPOUND	14.62		
		TOTAL	96.40		0.00

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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