



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 #	28
MANUFACTURING DATE	July 2024
BEST BY DATE	July 2029

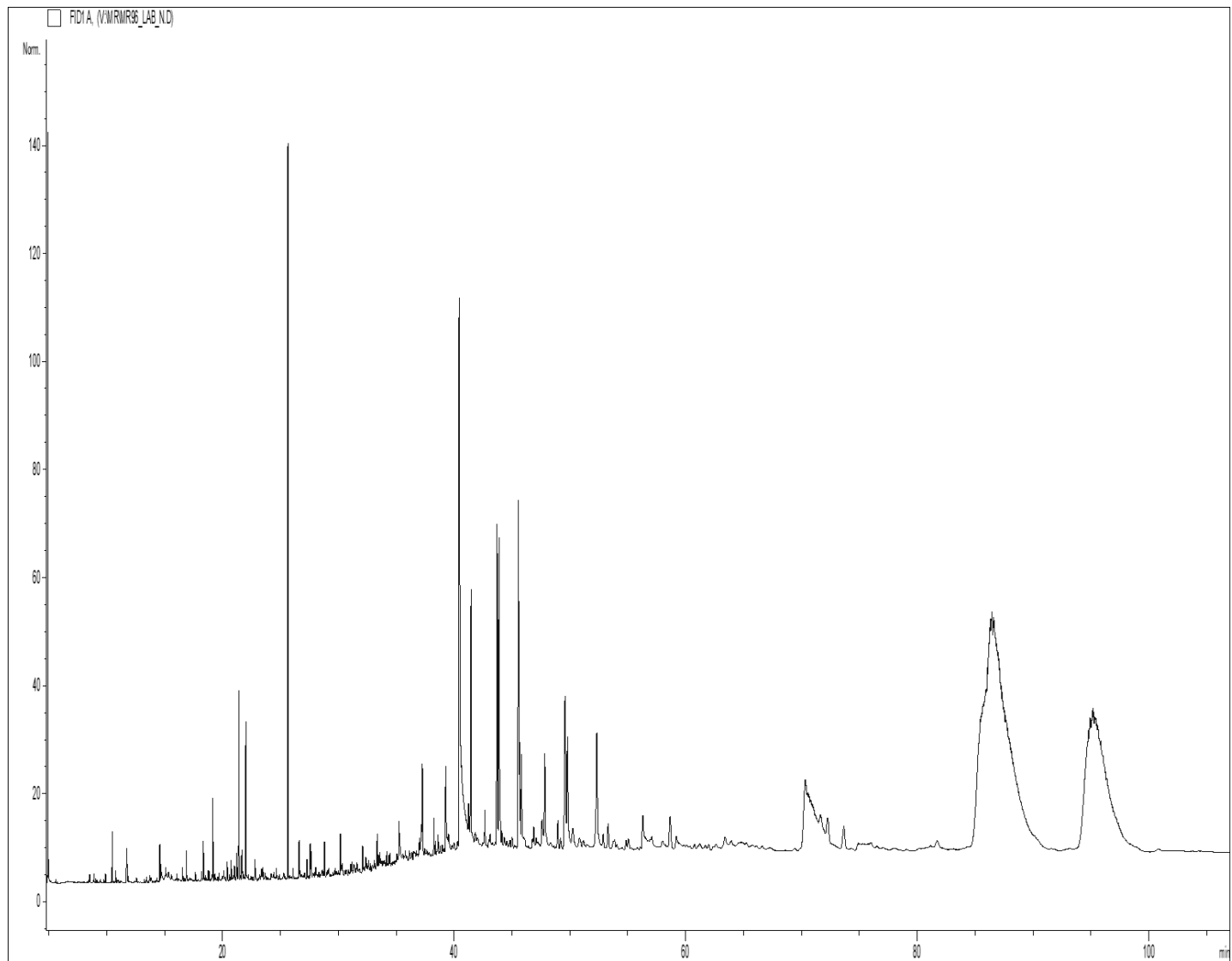
	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	na	na
REFRACTIVE INDEX @20°C	na	na
OPTICAL ROTATION @20°C	na	na

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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THIRD PARTY LAB ANALYSIS (GCMS)

CHROMATOGRAPHIC PROFILE:



- LABDANUM CLEAR ABS - SKU 490 LOT 28 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
1	4,70	ETHYL ACETATE	0,12		
2	4,93	ETHANOL	1,56		
3	10,49	p-CYMENE	0,13		
4	14,60	alpha,p-DIMETHYLSTYRENE	0,10		
5	14,70	ACETIC ACID	0,10		
6	16,55	SESQUITERPENE	0,05		
7		AROMATIC COMPOUND			
8	16,90	PINOCAMPHONE	0,10		
9	17,67	SESQUITERPENE	0,04		
10		ISOPINOCAMPHONE			
11	18,20	PINOCARVONE	0,03		
12	18,37	BORNYL ACETATE	0,12		
13	18,78	TERPINENE-4-OL	0,03		
14	19,18	SESQUITERPENE	0,25		
15	20,13	SESQUITERPENE	0,03		
16	20,42	SESQUITERPENE	0,07		
17	20,76	SESQUITERPENE	0,06		
18	21,05	alpha-TERPINEOL	0,04		0,04
19	21,24	BORNEOL	0,10		
20	21,44	LEDENE	0,64		
21	21,68	VERBENONE	0,08		
22	22,02	SESQUITERPENE	0,50		
23	22,83	delta-CADINENE	0,10		
24	23,52	CADINA-1,4-DIENE	0,03		
25	24,67	CALAMENENE	0,03		
26	25,30	AROMATIC COMPOUND	0,04		
27	25,66	ETHYL PHENYL PROPIONATE	2,26		
28	26,11	PHENYLETHYL ALCOHOL	0,04		
29	26,63	alpha-CALACORENE	0,12		
30	27,31	ALKYL BENZENE Mw=186	0,07		
31	27,59	COMPOUND Mw=262	0,13		
32	27,67	COMPOUND Mw=262	0,08		
33	28,82	COMPOUND Mw=262	0,12		
34	29,18	AROMATIC COMPOUND	0,05		
35	30,20	AROMATIC COMPOUND	0,14		
36	31,09	OXYGENED COMPOUND	0,04		
37	31,20	OXYGENED COMPOUND	0,04		
38	31,36	EUGENOL ISOMER	0,07		
39	32,11	EUDESMOL ISOMER	0,10		
40	32,65	TERPENIC COMPOUND	0,05		
41	33,13	CADALENE	0,04		
42	33,37	ETHYL PALMITATE	0,12		

43	33,49	OXYGENED COMPOUND	0,05		
44	33,62	AROMATIC COMPOUND	0,05		
45	34,20	AROMATIC COMPOUND	0,05		
46	34,40	ALIPHATIC ESTER	0,04		
47	34,49	ALIPHATIC ESTER	0,04		
48	35,08	AROMATIC COMPOUND	0,03		
49	35,27	SESQUITERPENIC COMPOUND	0,26		
50	35,81	ALDEHYD COMPOUND	0,03		
51	36,16	COMPOUND Mw=275	0,05		
52	36,36	COMPOUND Mw=275	0,04		
53	37,02	2-NONADECANONE	0,04		
54	37,19	COMPOUND Mw=264	0,13		
55	37,27	ETHYL STEARATE	0,29		
56	37,48	ALIPHATIC ESTER	0,03		
57	38,27	ALIPHATIC ESTER	0,12		
58	38,40	AROMATIC COMPOUND	0,05		
59	38,62	ALIPHATIC ESTER	0,09		
60	38,99	AROMATIC COMPOUND	0,04		
61	39,29	ALIPHATIC ESTER	0,50		
62	39,55	ALIPHATIC ESTER	0,09		
63	40,32	ALIPHATIC ESTER	0,03		
64	40,45	HYDROCINNAMIC ACID	5,06		
65	41,26	KETONIC COMPOUND	0,11		
66	41,48	ETHYL ARACHIDATE	1,01		
67	42,68	ALIPHATIC ESTER Mw=354	0,16		
68	43,13	ALIPHATIC ESTER Mw=354	0,03		
69	43,74	COMPOUND Mw=334	1,60		
70	43,90	COMPOUND Mw=334	1,73		
71		AROMATIC COMPOUND			
72	44,13	ALKEN COMPOUND	0,07		
73	44,36	ALIPHATIC ESTER	0,06		
74	44,85	ALIPHATIC ESTER	0,05		
75	45,03	ALIPHATIC ESTER	0,09		
76	45,58	COMPOUND Mw=334	1,96		
77	45,68	COMPOUND Mw=334	0,40		
78	45,84	COMPOUND Mw=334	0,42		
79	46,90	ALIPHATIC ESTER	0,09		
80	47,11	AROMATIC COMPOUND	0,03		
81	47,61	PALMITIC ACID	0,14		
82	47,85	COMPOUND Mw=334	0,57		
83	48,33	AROMATIC COMPOUND	0,04		

84	48,98	SESQUITERPENIC COMPOUND	0,18		
85	49,22	ALIPHATIC ESTER	0,07		
86	49,60	COMPOUND Mw=292	1,24		
87	49,81	COMPOUND Mw=292	0,93		
88	50,27	AROMATIC COMPOUND	0,20		
89	50,84	AROMATIC COMPOUND	0,12		
90	51,19	COMPOUND Mw=316	0,06		
91	52,34	COMPOUND Mw=292	1,18		
92	52,90	COMPOUND Mw=330	0,09		
93	53,32	OXYGENED COMPOUND	0,21		
94	54,86	AROMATIC COMPOUND	0,06		
95	55,07	AROMATIC COMPOUND	0,07		
96	56,32	ACID COMPOUND	0,55		
97	57,08	OXYGENED COMPOUND	0,05		
98	58,67	ALIPHATIC ESTER	0,36		
99	59,21	OXYGENED COMPOUND	0,11		
100	60,78	AROMATIC COMPOUND	0,05		
101	61,23	COMPOUND Mw=362	0,08		
102	61,73	AROMATIC COMPOUND	0,04		
103	62,00	COMPOUND Mw=332	0,04		
104	63,43	AROMATIC COMPOUND	0,15		
105	63,97	AROMATIC COMPOUND	0,07		
106	65,27	OXYGENED COMPOUND	0,04		
107	66,63	OXYGENED COMPOUND	0,04		
108	69,42	OXYGENED COMPOUND	0,04		
109	70,36	EICOSANOIC ACID	6,01		
110	71,66	OXYGENED COMPOUND	0,18		
111	72,28	COMPOUND Mw=348	0,28		
112	73,67	ALIPHATIC ESTER	0,34		
113	81,74	COMPOUND Mw=348	0,14		
114	86,47	ACID COMPOUND	41,33		
115		COMPOUND Mw=306			
116	95,17	ACID COMPOUND	20,96		
		TOTAL	98,75		0,04

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.

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