

CERTIFICATE OF ANALYSIS

Name: Ravensara oil

Plant/ animal latin name: *Ravensara aromatica*

Quality, certificate: EU Organic

Origin: Madagascar

Lot Number: 10108

Produced: 02.2022

Date of analysis: 30.05.2022

Retest: after two years

Parameters	Specifications	Results
Odor and apperance	Slightly aniseed, spicy colour: pale yellow, mobile liquid	conform
Specific gravity	0.860-0.940 @20°c	0.8812
Refractive index	1.410-1.500 @20°c	1.4852
Optical rotation	NA	

Pharmessence

Certificate of Analysis

Product: Revensara aromatica organic

Lot: 10108

Date of analysis: 03.06.2022 16:36:54

System: GC-430 FID

Column: 8GB Wax 60m / 0.25mm / 0.25um

Method: 120102 essential basis 60

Index	Name	Time [Min]	Area [uV.Min]	Area % [%]	Allergene
1	aloha-Pinene	6.93	1534.3	2.881	
2	aloha-Thuiene	6.98	372.9	0.700	
3		7.56	27.7	0.052	
4	Camohene	7.72	434.9	0.816	
5	beta-Pinene	8.53	887.7	1.667	
6	Sabinene	8.78	4297.8	8.070	
7	delta-3-Carene	9.37	2010.4	3.775	
8		9.49	15.0	0.028	
9	Mvrcene	9.61	1871.4	3.514	
10	aloha-Phellandrene	9.72	1298.1	2.437	
11		9.74	334.4	0.628	
12	aloha-Teroinene	10.04	5275.0	9.904	
13		10.39	24.3	0.046	
14	Limonene	10.47	7158.9	13.442	Rea (EC) 1223/2009
15	1 8 Cineole	10.69	1185.6	2.226	
16	Cis-beta-Ocimene	11.18	591.9	1.111	
17		11.40	16.7	0.031	
18	aamma-Teroinene	11.50	1337.3	2.511	
19	trans-beta-Ocimene	11.57	172.8	0.324	
20		11.81	29.1	0.055	
21		12.01	44.5	0.084	
22	o-Cymene	12.08	536.6	1.007	
23	Teroinolene	12.34	228.5	0.429	
24		13.55	14.6	0.027	
25	aloha-Cubebene	16.24	211.7	0.397	
26		16.50	117.6	0.221	
27		16.82	15.2	0.029	
28	aloha-Copaene	17.02	362.0	0.680	
29		17.60	28.8	0.054	
30		17.64	42.0	0.079	
31	Linalool	17.88	2542.9	4.775	Rea (EC) 1223/2009
32		17.95	215.9	0.405	
33		18.01	66.4	0.125	
34		18.33	42.0	0.079	
35		18.74	36.6	0.069	
36		18.80	143.9	0.270	
37		19.00	189.5	0.356	
38		19.10	23.7	0.045	

This data sheet was issued to the best of our knowledge and is supplied without warranty for its correctness or accuracy.

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Index	Name	Time fMin]	Area fuV.Min]	Area % f%1	Allergene
39	Teroinene-4-ol	19.17	1044.8	1.962	
40	beta-Carvoohvllene	19.23	1976.4	3.711	
41		19.34	24.2	0.045	
42		19.61	35.6	0.067	
43		19.89	36.0	0.068	
44	Allo-Aromadendrene	20.18	224.6	0.422	
45		20.34	23.3	0.044	
46		20.40	21.0	0.039	
47	Methvl Chavicol	20.57	4396.3	8.255	
48	aloha-Humulene	20.65	500.9	0.940	
49	oamma-Muurolene	20.95	235.1	0.441	
50		21.04	35.8	0.067	
51		21.08	75.3	0.141	
52	Germacrene D	21.40	3635.5	6.826	
53		21.46	57.0	0.107	
54		21.52	52.3	0.098	
55		21.60	101.2	0.190	
56		21.68	25.5	0.048	
57		21.76	13.0	0.024	
58		21.84	208.0	0.390	
59		22.04	19.7	0.037	
60	delta-Cadinene	22.20	317.6	0.596	
61	oamma-Cadinene	22.30	58.7	0.110	
62		22.41	20.2	0.038	
63		22.71	41.1	0.077	
64		22.88	10.9	0.021	
65		23.02	8.7	0.016	
66		23.29	9.0	0.017	
67		23.50	17.1	0.032	
68		23.62	30.9	0.058	
69		24.35	38.5	0.072	
70		24.49	87.7	0.165	
71		25.38	69.5	0.131	
72		25.86	7.1	0.013	
73	Carvoohvllene oxide	26.33	46.1	0.087	
74	Methvleuaenol	26.54	4828.7	9.066	
75		26.88	14.0	0.026	
76		27.25	23.0	0.043	

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77		27.43	21.3	0.040	
78		27.54	35.3	0.066	
79	Elemol	27.65	202.4	0.380	
80		27.71	16.7	0.031	
81		27.81	35.9	0.067	
82		27.84	12.0	0.023	
83		28.43	22.5	0.042	
84		28.72	14.9	0.028	
85		29.04	11.0	0.021	
86	Euaenol	29.12	298.9	0.561	Rea fEC) 1223/2009
87		29.18	59.0	0.111	
88		29.35	58.3	0.109	
89		29.49	34.6	0.065	
90		29.76	20.8	0.039	
91		29.84	8.6	0.016	
92		30.12	160.4	0.301	
93		30.18	43.0	0.081	
94		30.27	6.1	0.011	
95		30.34	33.5	0.063	
96		30.34	35.2	0.066	
97		30.76	19.7	0.037	
Total			53259.3	100.000	