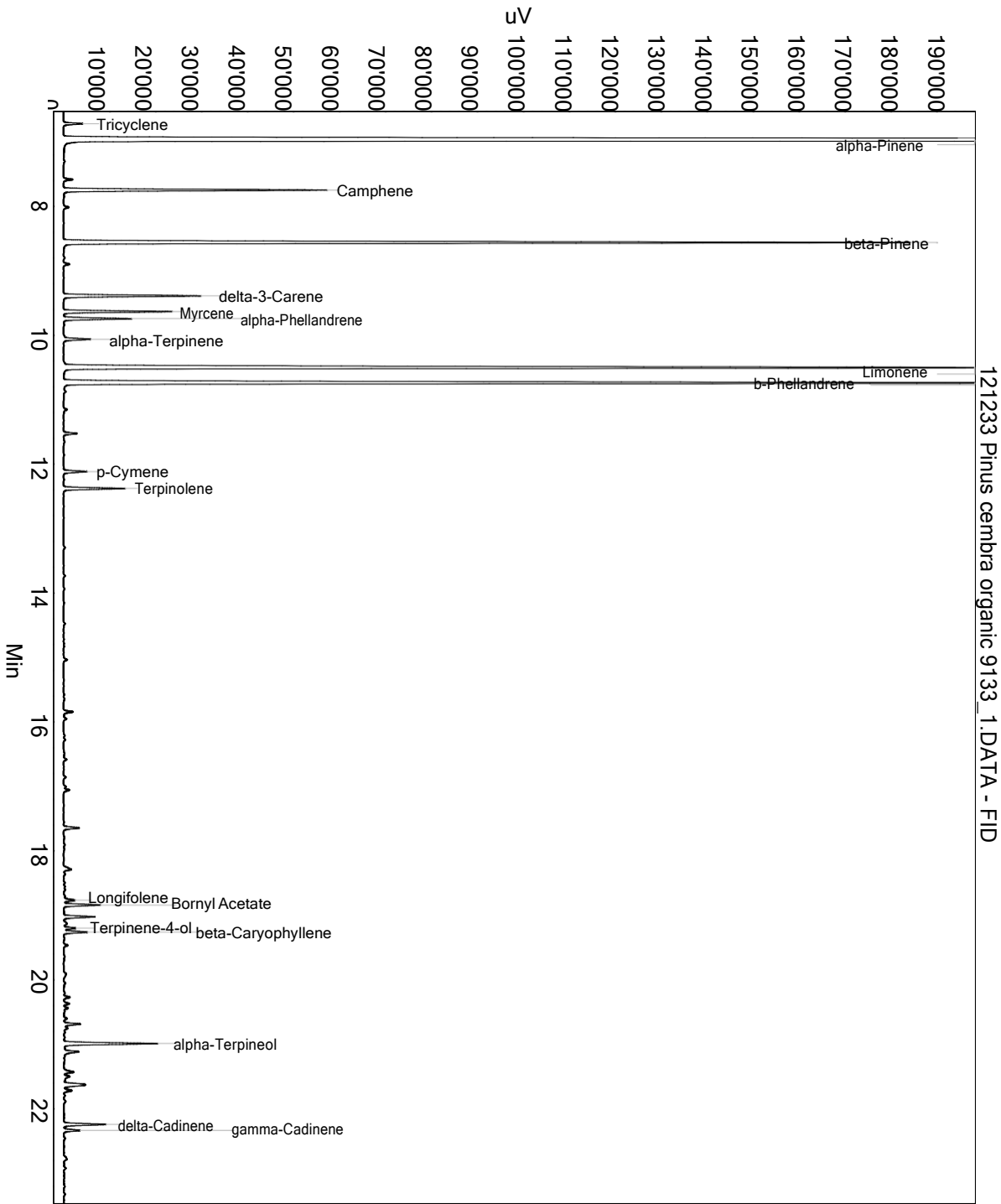


Certificate of Analysis

Product: Patchouli essential oil (Pogostemon patchouli)
Lot: 91
Date of analysis: 09.09.2023



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Certificate of Analysis

Product: Patchouli essential oil (Pogostemon patchouli)

Lot: 91

Date of analysis: 09.09.2023

Index	Name	Time [Min]	Area [uV.Min]	Area % [%]	Allergene
1	Santene	6.32	27.4	0.051	
2	Tricyclene	6.72	120.5	0.223	
3	alpha-Pinene	6.98	25533.0	47.238	
4		7.58	58.2	0.108	
5	Camphene	7.75	1662.6	3.076	
6		8.02	37.5	0.069	
7	beta-Pinene	8.56	5656.6	10.465	
8		8.90	40.1	0.074	
9	delta-3-Carene	9.39	899.1	1.663	
10	Myrcene	9.63	669.4	1.238	
11	alpha-Phellandrene	9.74	448.2	0.829	
12	alpha-Terpinene	10.06	186.9	0.346	
13	Limonene	10.50	7217.1	13.352	Directive 2003/15EC (7th)
14	b-Phellandrene	10.74	7368.6	13.632	
15		11.15	26.7	0.049	
16		11.52	89.8	0.166	
17	p-Cymene	12.12	155.8	0.288	
18	Terpinolene	12.38	407.9	0.755	
19		15.04	27.2	0.050	
20		15.84	68.6	0.127	
21		16.58	20.4	0.038	
22		17.06	47.3	0.087	
23		17.64	115.8	0.214	
24		18.29	85.0	0.157	
25	Longifolene	18.77	73.9	0.137	
26	Bornyl Acetate	18.84	245.0	0.453	
27		19.02	215.2	0.398	
28		19.13	34.7	0.064	
29	Terpinene-4-ol	19.20	83.8	0.155	
30	beta-Caryophyllene	19.26	165.7	0.307	
31		19.47	29.6	0.055	
32		20.27	42.5	0.079	
33		20.37	40.9	0.076	
34		20.44	37.1	0.069	
35		20.60	25.3	0.047	
36		20.69	123.2	0.228	
37		20.75	33.2	0.061	
38	alpha-Terpineol	20.99	674.2	1.247	

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Index	Name	Time [Min]	Area [μ V.Min]	Area % [%]	Allergene
39		21.12	130.6	0.242	
40		21.43	88.5	0.164	
41		21.50	60.4	0.112	
42		21.63	231.8	0.429	
43		21.72	63.4	0.117	
44	delta-Cadinene	22.24	292.5	0.541	
45	gamma-Cadinene	22.34	114.8	0.212	
46	Eugenol	29.63	212.9	0.394	Directive 2003/15EC (7th)
47	Bisabolone oxide	29.72	11.9	0.022	
48	Patchouli alcohol	30.15	51.3	0.095	
Total			54052.4	100.000	

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