

Certificate Of Analysis

Mass spectra were recorded with a 5973 Agilent Selective detector coupled to a 6890N Agilent GC using an Agilent 50 m x 0.2 mm fused silica column coated with 0.33 μm FFAP (crosslinked). The GC was operated under the following conditions: injector temp.: 250°C; oven temp. programmed: 60°C held for one min to 115°C at 2.5°C per min, then to 210°C at 1.0°C per min and held for 30 min; injection size: 1 μL (~50% solution in spectroscopy grade n-pentane) split 1:10.

The MSD EI was operated under the following conditions: electron impact source 70 eV, 250°C.

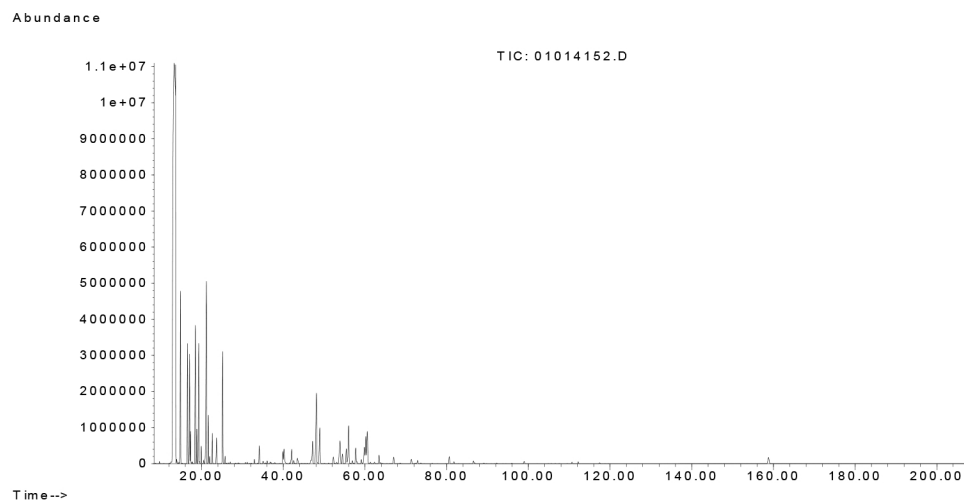
Comments: Little has been published on the variability of *Boswellia sacra* to define whether this is typical or not. No adulteration from synthetics was found.

Sample & lot: frankincense, *Boswellia sacra*, Oman distilled

Run: Run: 01014152.D

Date: 10/20/15

RT	Component	Area %
12.51	tricyclene	0.08
13.30	alpha-pinene	51.13
14.83	camphene	3.85
16.57	beta-pinene	2.84
17.05	sabinene	2.46
18.47	delta-3-carene	3.62
18.82	myrcene	0.82
19.28	alpha-phellandrene	0.77
19.97	alpha-terpinene	0.11
21.17	limonene	6.29
21.65	beta-phellandrene	1.16
22.62	(Z)-beta-ocimene	0.61
25.16	(E)-beta-ocimene	2.83
25.75	p-cymene	0.15
34.11	2-methyl anisole	0.51
36.06	alpha-p-dimethyl styrene	0.07
39.90	alpha-copaene	0.35
40.17	alpha-campholenal	0.66
42.06	beta-bourbonene	0.52
47.16	bornyl acetate	1.00
48.10	beta-elemene	3.05
48.93	beta-caryophyllene	1.53
52.26	myrtenal	0.26
53.89	cis-pinocarveol	1.24
55.41	alpha-humulene	0.52
56.00	(E)-verbenol	1.61
57.73	alpha-terpineol	0.59
59.11	germacrene D	0.14
59.84	verbenone	0.76
60.20	beta-selinene	1.10
63.44	delta-cadinene	0.20
63.81	gamma-terpinene	0.04
67.04	myrtenol	0.26
72.86	p-cymen8-ol	0.12



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