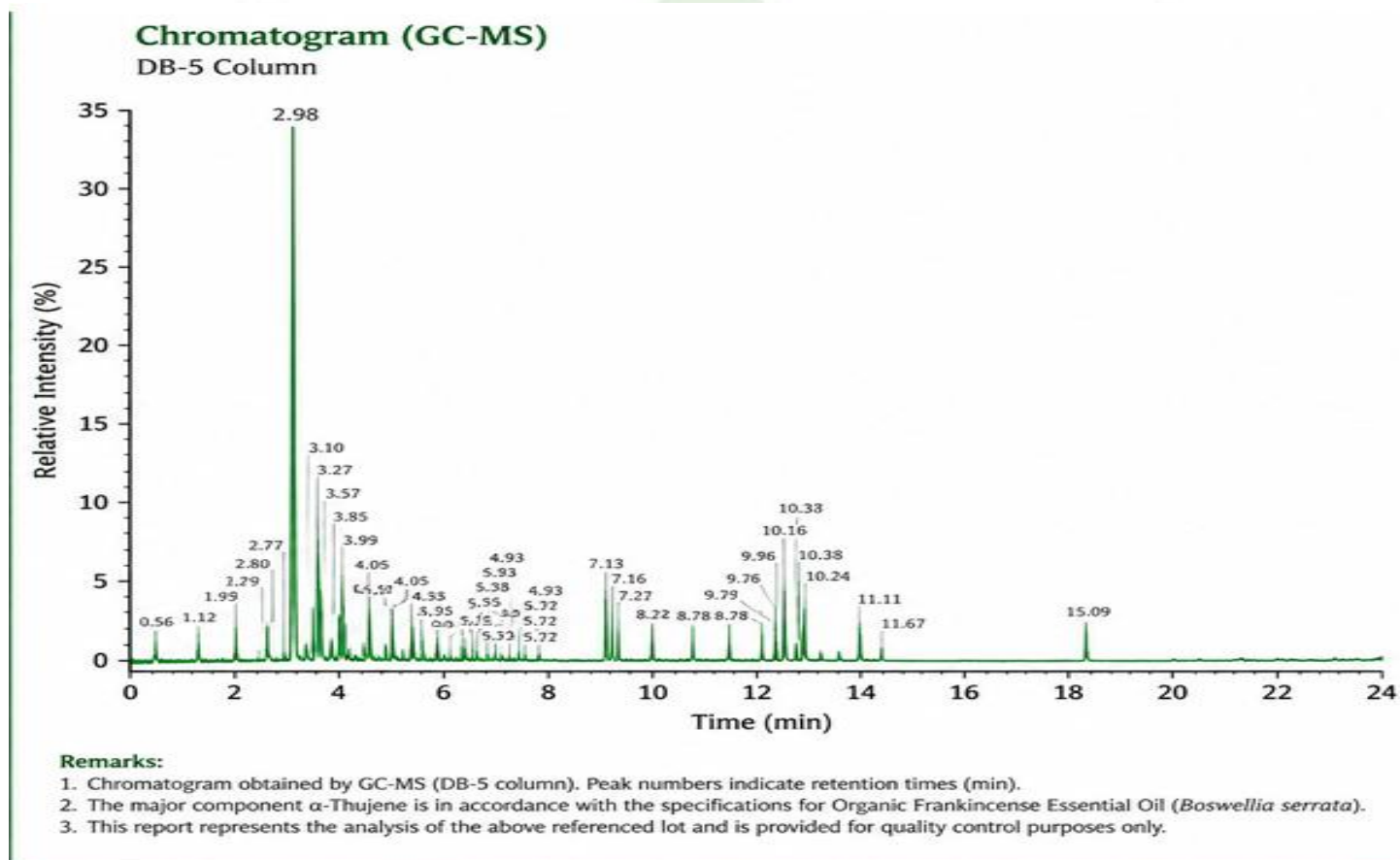


GC-MS

Product: GC-MS FRANKINCENSE ESSENTIAL OIL ORGANIC



Product: Organic Frankincense Essential Oil

Botanical Name: *Boswellia serrata*

Country of Origin: India

Analysis: Gas Chromatography–Mass Spectrometry (GC-MS)

Total Reported Composition: 99.59%

Principal Constituents

RT (min)	Compound	%
2.98	α -Thujene	73.42
3.02	α -Pinene	5.65
3.59*	β -Pinene	4.98*
4.15	Δ^3 -Carene	4.66
4.44*	Limonene	2.18*
4.38	p-Cymene	1.77



RT (min)	Compound	%
4.06	α -Phellandrene	1.13
4.93	γ -Terpinene	0.88
3.91	Myrcene	0.67
3.16	Unknown	0.56
7.11	Methylchavicol	0.54
4.25	α -Terpinene	0.45
4.66	(Z)- β -Ocimene	0.41
6.77	Terpinen-4-ol	0.30
5.38*	Terpinolene	0.28*
4.81	(E)- β -Ocimene	0.29
2.76	Hashishene	0.13
5.80	β -Thujone	0.13
9.78	β -Bourbonene	0.10
4.34	o-Cymene	0.08
5.64	Linalool	0.06
10.16	Methyleugenol	0.01

GC-MS Summary

The chromatographic profile is dominated by α -Thujene at 73.42%, followed by α -Pinene, β -Pinene/Sabinene, Δ^3 -Carene, Limonene/ β -Phellandrene/1,8-Cineole, p-Cymene and α -Phellandrene.

Total reported: 99.59%

Important analytical note: Entries marked with an asterisk in your source share retention times. Values shown in square brackets—such as Sabinene [4.98], β -Phellandrene [2.18], 1,8-Cineole [2.18], and p-Cymenene [0.28]—should be retained as the source reports them and should not be treated as separate additive percentages.

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