

Sample Information

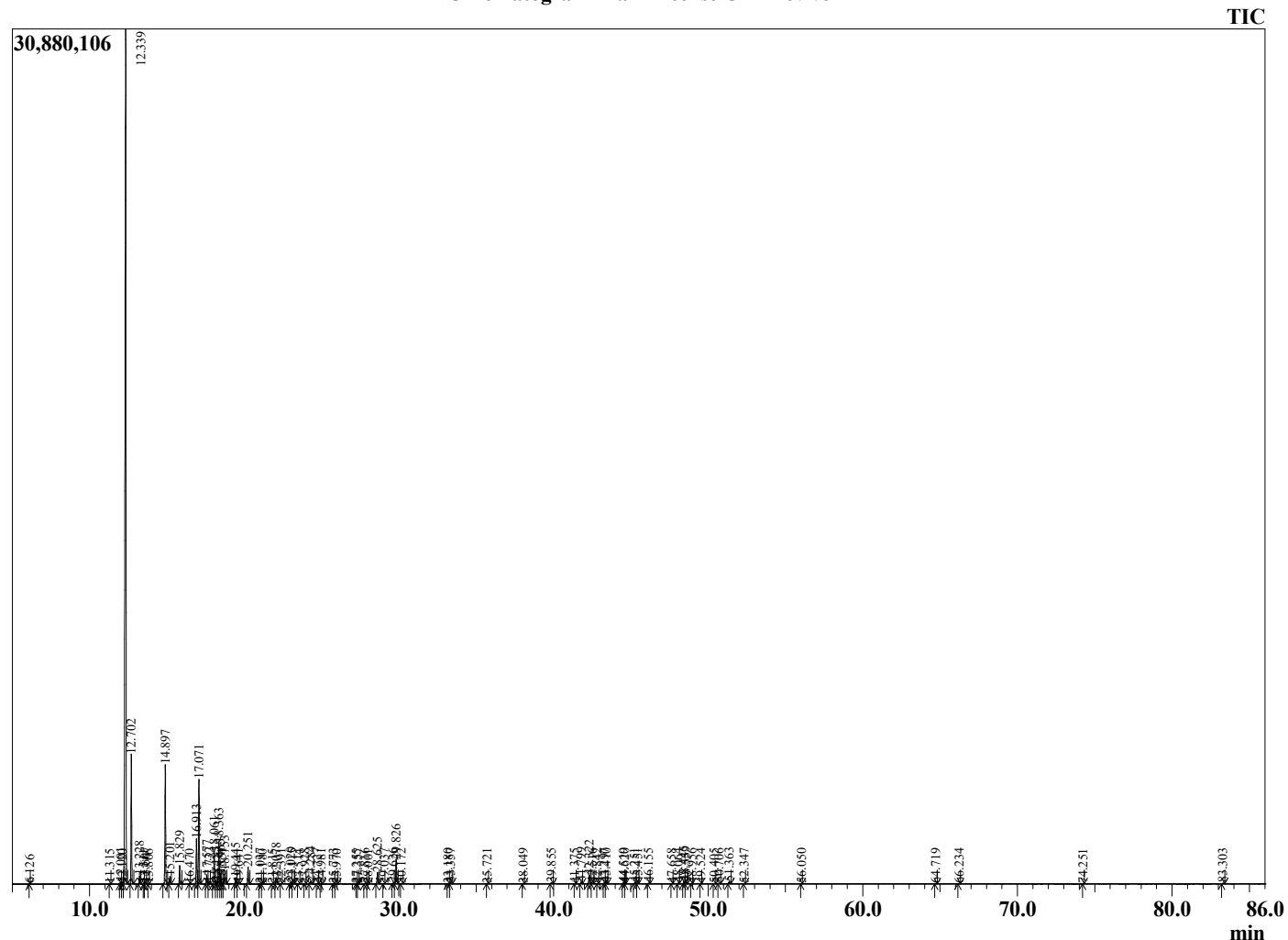
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 8/30/2022 7:31:40 PM
 Sample Type : Essential Oil
 Sample Name : Frankincense Oil - Revive
 Sample ID : 5A
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
3.967	2,4-Hexadiene	0.01
6.126	Toluene	0.01
11.315	Unidentified	0.02
12.001	Hashishene	0.11
12.120	Tricyclene	0.01
12.339	alpha-Thujene	64.19
12.702	alpha-Pinene	6.16
13.228	Thuja-2,4(10)diene	0.41
13.511	alpha-Fenchene	0.01
13.607	Camphene	0.07
13.806	Thuja-2,4(10)-diene isomer	0.01
14.897	Sabinene	6.21
15.201	beta-Pinene	0.39
15.829	Myrcene	0.96
16.470	2-Carene	0.01
16.913	alpha-Phellandrene	2.55
17.071	delta-3-Carene	5.73
17.577	alpha-Terpinene	0.51
17.732	ortho-Cymene	0.08
18.061	para-Cymene	1.88
18.185	Unidentified	0.15
18.363	Limonene	2.28
18.465	beta-Phellandrene	0.55
18.551	1,8-Cineole	0.05
18.753	cis-beta-Ocimene	0.76
19.445	trans-beta-Ocimene	0.36
19.641	Unidentified	0.05
20.251	gamma-Terpinene	1.00
21.037	trans-Sabinene hydrate	0.03
21.180	Pinol	0.01
21.815	Isoterpinolene	0.01
22.078	Terpinolene	0.38
22.391	para-Cymenene	0.02
23.020	Linalool	0.11
23.115	cis-Sabinene hydrate	0.04
23.514	alpha-Thujone	0.02
23.928	Unidentified	0.02
24.284	beta-Thujone	0.18
24.727	cis-para-Menth-2-en-1-ol	0.02
24.981	allo-Ocimene	0.05
25.773	trans-Sabinol	0.04
25.970	trans-para-Menth-2-en-1-ol	0.02
27.255	Unidentified	0.01
27.357	alpha-Phellandren-8-ol	0.02
27.816	Unidentified	0.05
28.001	Unidentified	0.02
28.625	Terpinen-4-ol	0.75
29.037	para-Cymen-8-ol	0.02
29.626	alpha-Terpineol	0.05
29.826	Estragole	1.52
30.172	alpha-Phellandrene epoxide	0.03
33.180	Unidentified	0.01
33.357	Linalyl acetate	0.04
35.721	Bornyl acetate	0.02
38.049	Unidentified	0.03
39.855	alpha-Terpinyl acetate	0.06
41.375	alpha-Ylangene	0.01
41.799	alpha-Copaene	0.14
42.322	beta-Bourbonene	0.61
42.516	alpha-Bourbonene	0.05
42.842	Unidentified	0.01
43.297	Methyleugenol	0.07

Chromatogram Frankincense Oil - Revive



Comments:

The analysis of this Frankincense batch sample meets the expected chemical profile for authentic essential oil of *Boswellia serrata*. No contamination or adulteration was detected. The results provided in this GCMS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.

R.Time	Name	Area%
43.410	Unidentified	0.07
44.519	Unidentified	0.06
44.620	Unidentified	0.02
45.251	beta-Copaene	0.05
45.451	trans-alpha-Bergamotene	0.05
46.155	Isogermacrene D	0.04
47.658	Unidentified	0.02
48.064	trans-Cadina-1(6),4-diene	0.04
48.445	Germacrene D	0.18
48.559	gamma-Himachelene	0.15
48.956	Unidentified	0.02
49.524	alpha-Murolene	0.01
50.405	gamma-Cadinene	0.02
50.706	delta-Cadinene	0.05
51.363	Kessane	0.14
52.347	Elemicin	0.02
56.050	Unidentified	0.01
64.719	Benzyl benzoate	0.02
66.234	Phellandrene dimer	0.03
74.251	Cembrene A isomer	0.01
83.303	Serratol	0.06
		100.00