

Sample Information

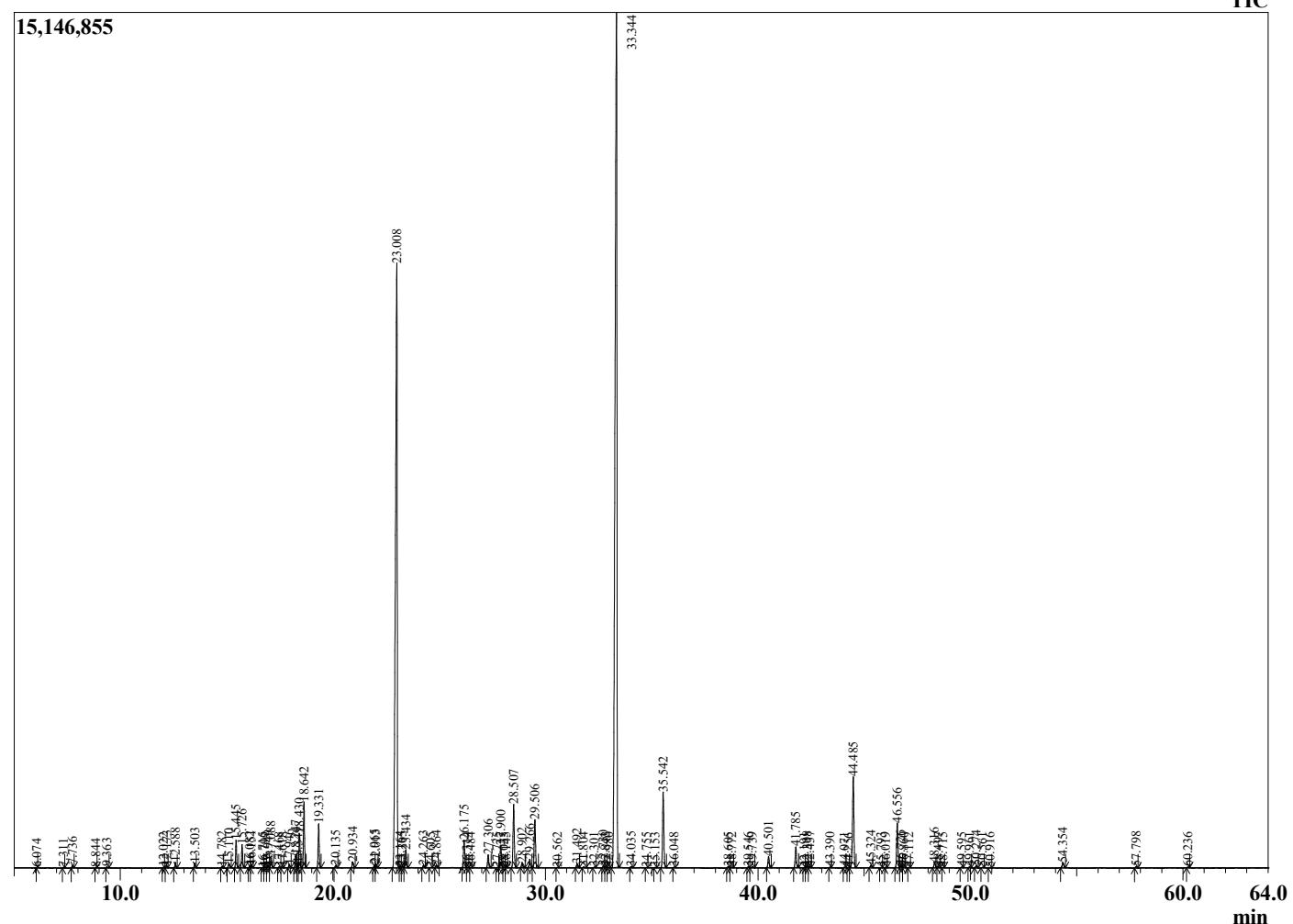
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 12/1/2022 12:35:28 PM
 Sample Type : Essential Oil
 Sample Name : Lavender Oil - Revive
 Sample ID : 0M
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
6.074	Toluene	0.00
7.311	Butyl acetate	0.01
7.736	Diola	0.06
8.844	Hex-(3Z)-enol	0.01
9.363	Hexanol	0.03
12.022	Tricyclene	0.01
12.173	alpha-Thujene	0.06
12.588	alpha-Pinene	0.14
13.503	Camphene	0.13
14.782	Sabinene	0.04
15.110	1-Octen-3-ol	0.14
15.445	3-Octanone	0.75
15.726	Myrcene	0.68
16.082	Butyl butanoate	0.05
16.151	3-Octanol	0.09
16.715	Pseudolimonene	0.01
16.799	alpha-Phellandrene	0.02
16.949	3-Carene	0.06
17.088	delta-3-Carene	0.34
17.468	alpha-Terpinene	0.03
17.618	ortho-Cymene	0.02
17.946	para-Cymene	0.10
18.247	Limonene	0.38
18.349	beta-Phellandrene	0.13
18.430	1,8-Cineole	1.04
18.642	cis-beta-Ocimene	1.89
19.331	trans-beta-Ocimene	1.32
20.135	gamma-Terpinene	0.08
20.934	cis-Linalool oxide (furanoid)	0.21
21.965	Terpinolene	0.09
22.013	trans-Linalool oxide (furanoid)	0.11
23.008	Linalool	29.12
23.164	Hotrienol	0.04
23.265	Hexyl propionate	0.04
23.434	1-Octen-3-yl acetate	0.57
24.263	3-Octyl acetate	0.07
24.605	cis-para-Menth-2-en-1-ol	0.02
24.864	allo-Ocimene	0.07
26.175	Camphor	0.93
26.314	Unidentified	0.01
26.484	Nerol oxide	0.01
27.306	Lavandulol	0.44
27.725	cis-Linalool oxide (pyranoid)	0.02
27.900	Borneol	0.76
28.035	trans-Linalool oxide (pyranoid)	0.01
28.145	Undeca-1,3,5-triene	0.02
28.507	Terpinen-4-ol	2.12
28.902	Cryptone	0.17
29.266	Hexyl butyrate	0.29
29.506	alpha-Terpineol	1.66
30.562	Unidentified	0.01
31.492	Nerol	0.13
31.804	Bornyl formate	0.04
32.301	Hexyl-2-methylbutyrate	0.03
32.730	Cuminal	0.08
32.842	Unidentified	0.03
32.980	Unidentified	0.02
33.344	Linalyl acetate	44.80
34.035	Plinyl acetate	0.04
34.755	Unidentified	0.02
35.153	Phellandral	0.01
35.542	Lavandulyl acetate	2.74

Chromatogram LavAngK



Comments:

The analysis of this Lavender batch sample meets the expected chemical profile for authentic essential oil of *Lavandula angustifolia*. 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%
36.048	para-Cymen-7-ol	0.01
38.605	Hexyl tiglate	0.04
38.772	Unidentified	0.03
39.546	Unidentified	0.03
39.739	Unidentified	0.04
40.501	Neryl acetate	0.40
41.785	Geranyl acetate	0.73
42.191	beta-Bourbonene	0.01
42.308	Hexyl hexanoate	0.04
42.437	7-epi-Sesquithujene	0.04
43.390	alpha-Funebrene	0.02
44.071	cis-alpha-Bergamotene	0.02
44.256	Unidentified	0.01
44.485	trans-beta-Caryophyllene	3.63
45.324	trans-alpha-Bergamotene	0.10
45.793	Unidentified	0.01
46.019	Unidentified	0.02
46.556	trans-beta-Farnesene	1.66
46.726	alpha-Humulene	0.07
46.860	cis-alpha-Farnesene	0.03
47.112	Unidentified	0.01
48.316	Germacrene D	0.19
48.497	trans-beta-Bergamotene	0.04
48.715	Unidentified	0.01
49.595	Lavandulyl isovalerate	0.03
49.961	beta-Bisabolene	0.03
50.274	gamma-Cadinene	0.09
50.561	Ionone isomer	0.02
50.916	beta-Sesquiphellandrene	0.02
54.354	Caryophyllene oxide	0.22
57.798	epi-alpha-Cadinol	0.05
60.236	epi-alpha-Bisabolol	0.03
		100.00