

Sample Information

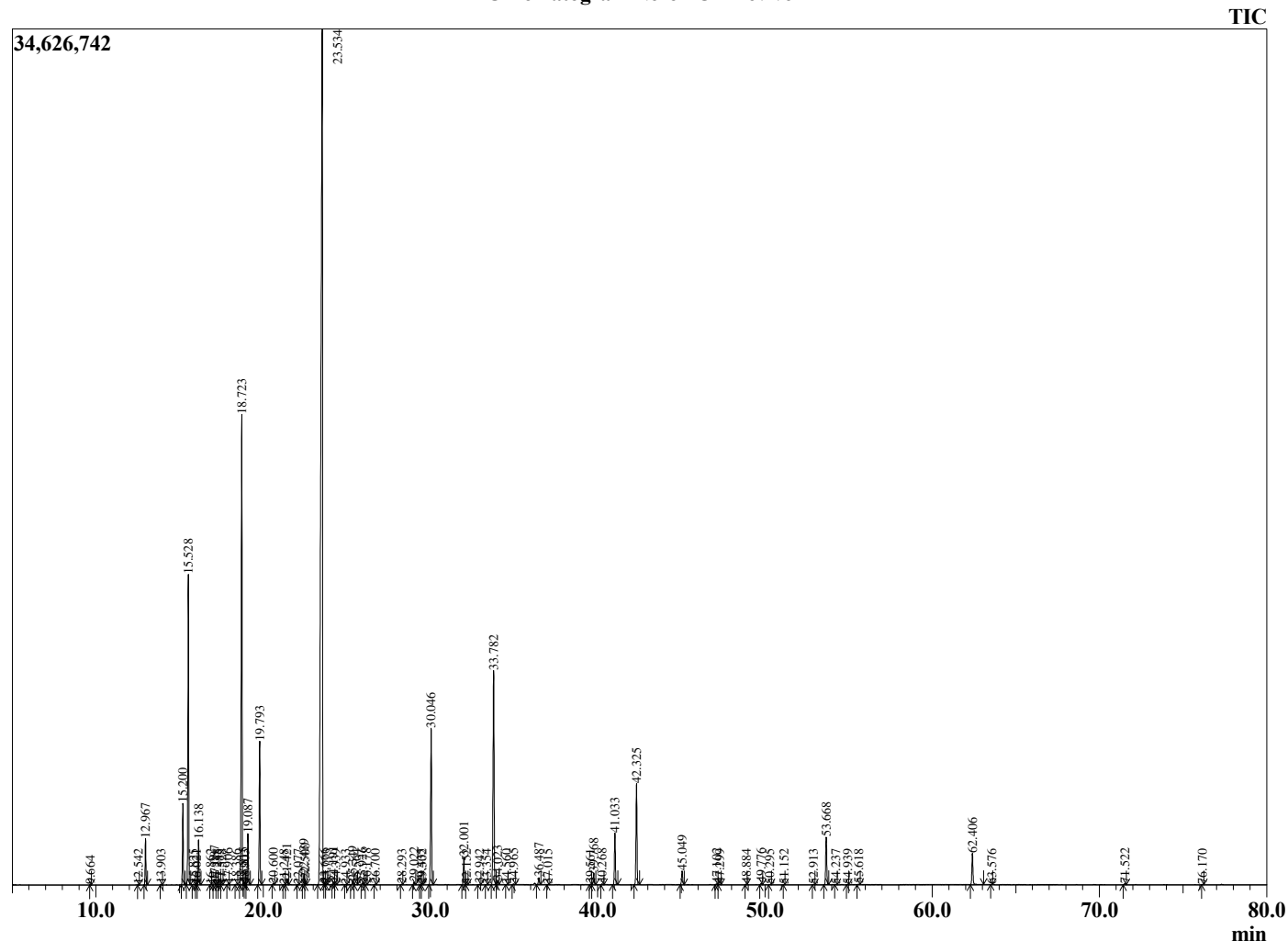
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 12/12/2020 4:48:40 PM
 Sample Type : Essential Oil
 Sample Name : Neroli Oil-Revive
 Sample ID : 0328
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
9.664	n-Hexanol	0.00
12.542	alpha-Thujene	0.01
12.967	alpha-Pinene	1.13
13.903	Camphene	0.02
15.200	Sabinene	2.10
15.528	beta-Pinene	8.09
15.825	Unidentified	0.02
16.021	3-para-Menthene	0.01
16.138	Myrcene	1.19
16.862	Unidentified	0.01
17.087	Pseudolimonene	0.10
17.235	alpha-Phellandrene	0.01
17.385	delta-3-Carene	0.01
17.528	Hexyl acetate	0.00
17.906	alpha-Terpinene	0.02
18.386	para-Cymene	0.02
18.723	Limonene	13.43
18.815	beta-Phellandrene	0.01
18.903	1,8-Cineole	0.00
19.087	(Z)-beta-Ocimene	1.40
19.793	(E)-beta-Ocimene	3.96
20.600	gamma-Terpinene	0.03
21.248	Unidentified	0.01
21.421	cis-Linalool oxide (furanoid)	0.17
22.077	Isoterpinolene	0.00
22.439	Terpinolene	0.32
22.500	trans-Linalool oxide (furanoid)	0.13
23.534	Linalool	45.02
23.666	Hotrienol	0.03
23.773	Unidentified	0.01
24.191	Phenethyl alcohol	0.08
24.339	Unidentified	0.01
24.933	cis-para-Menth-2,8-dien-1-ol	0.00
25.349	allo-Ocimene	0.10
25.564	Unidentified	0.01
25.926	Benzyl nitrile	0.06
26.178	Unidentified	0.02
26.700	Camphor	0.01
28.293	Terpineol isomer	0.01
29.022	Terpinen-4-ol	0.08
29.435	Unidentified	0.01
29.502	Hex-3(Z)-enyl butyrate	0.02
30.046	alpha-Terpineol	4.96
32.001	Nerol	0.84
32.152	Unidentified	0.01
32.942	Neral	0.02
33.354	Carvone	0.01
33.782	Linalyl acetate+Geraniol	7.40
34.023	2-Phenethyl acetate	0.12
34.560	Unidentified	0.01
34.965	Geranial	0.02
36.487	Indole	0.22
37.015	Unidentified	0.01
39.561	delta-Elemene	0.01
39.768	Methyl anthranilate	0.36
40.268	alpha-Terpinyl acetate	0.03
41.033	Neryl acetate	1.61
42.325	Geranyl acetate	3.24
45.049	trans-beta-Caryophyllene	0.47
47.102	(E)-beta-Farnesene	0.02
47.299	alpha-Humulene	0.02
48.884	Germacrene D	0.01

Chromatogram Neroli Oil-Revive



Comments:

The analysis of this Neroli batch sample meets the expected chemical profile for authentic essential oil of *Citrus aurantium*. 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%
49.776	Bicyclogermacrene	0.05
50.295	(E,E)-alpha-Farnesene	0.01
51.152	delta-Cadinene	0.01
52.913	alpha-Elemol	0.01
53.668	trans-Nerolidol	1.64
54.237	Unidentified	0.01
54.939	Caryophyllene oxide	0.00
55.618	Unidentified	0.02
62.406	(2E,6E)-Farnesol	1.09
63.576	Farnesal	0.01
71.522	Unidentified	0.03
76.170	Unidentified	0.01
		100.00