

Sample Information

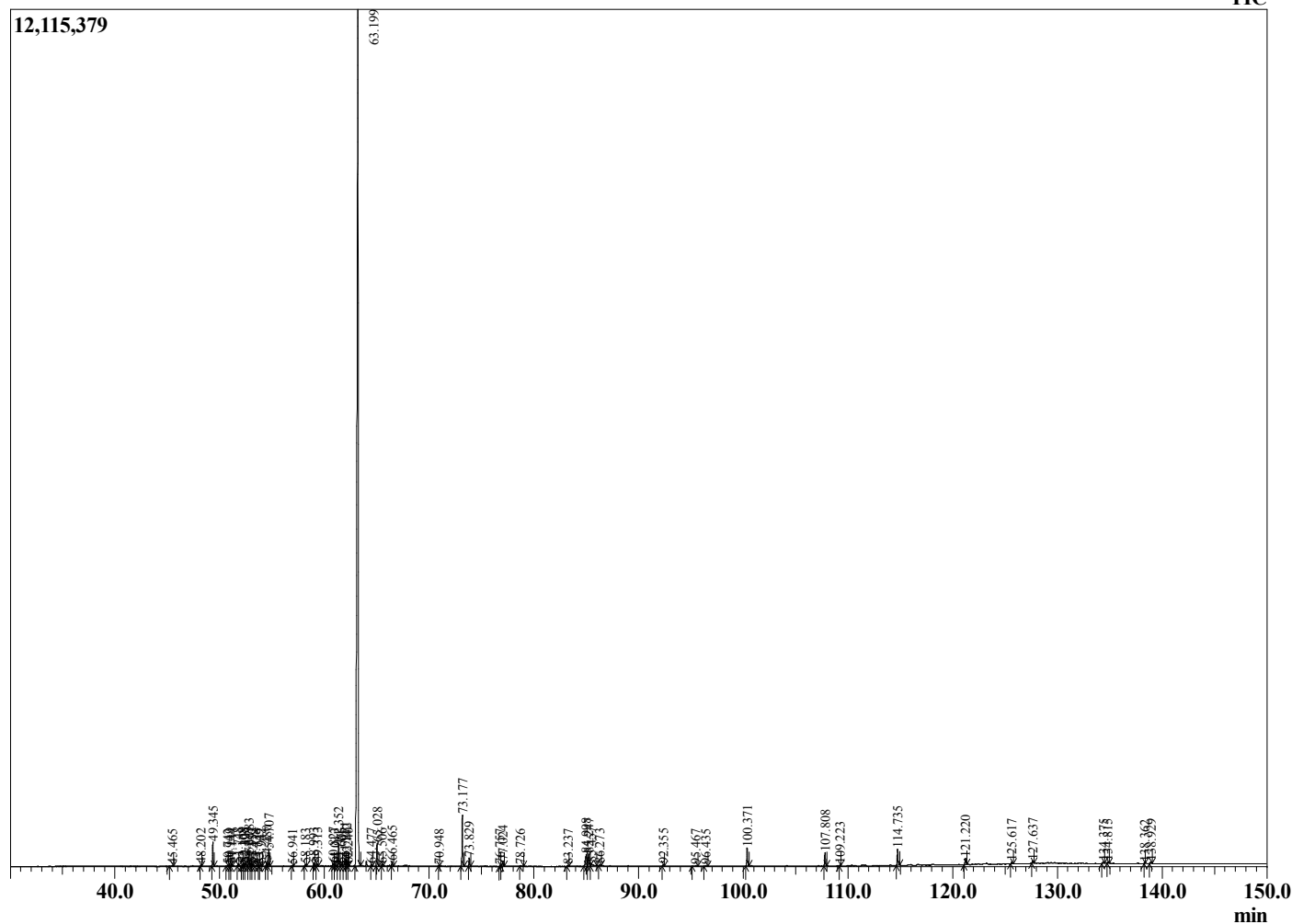
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 7/18/2020 6:03:10 PM
 Sample Type : CO2 Extract
 Sample Name : German Chamomile CO2 - Edens Garden
 Sample ID : B08GAB
 Injection Volume : 0.10
 Instrument ID : GC-2



Peak Report TIC

R.Time	Name	Area%
45.465	beta-Elemene	0.05
48.202	trans-alpha-Bergamotene	0.06
49.345	(E)-beta-Farnesene	1.20
50.742	Unidentified	0.06
50.949	Unidentified	0.05
51.144	Ar-Curcumene	0.10
51.748	beta-Selinene	0.14
52.168	alpha-Selinene	0.11
52.328	(Z)-alpha-Bisabolene	0.16
52.497	alpha-Bulnesene	0.17
52.783	beta-Bisabolene	0.61
52.992	beta-Himachalene	0.17
53.133	Sesquicineole	0.09
53.438	deta-Cadinene	0.03
53.749	beta-Sesquiphellandrene	0.04
53.947	(E)-gamma-Bisabolene	0.15
54.480	Unidentified	0.22
54.707	(E)-alpha-Bisabolene	0.83
56.941	Spathulenol	0.06
58.183	Unidentified	0.11
58.993	7-Hydroxyfarnesene	0.17
59.313	Unidentified	0.14
60.827	Unidentified	0.20
61.013	Unidentified	0.09
61.352	alpha-Bisabolol oxide B	1.53
61.606	Unidentified	0.10
61.971	trans-Bisabolol-11-ol	0.48
62.142	Unidentified	0.37
62.240	beta-Bisabolol	0.08
63.199	alpha-Bisabolol	79.22
64.477	Unidentified	0.08
65.028	Hernianin	1.35
65.506	Chamazulene	0.10
66.465	Bisabolol oxide A	0.28
70.948	Neophytadiene	0.04
73.177	cis-Spiroether	2.87
73.829	trans-Spiroether	0.46
76.757	Unidentified	0.04
77.024	Palmitic acid	0.33
78.726	Unidentified	0.08
83.237	Methyl linoleate	0.08
84.998	Linoleic acid	1.11
85.247	Unidentified	1.21
85.457	Unidentified	0.42
86.273	Unidentified	0.05
92.355	Tricosane	0.09
95.467	Matricarin	0.07
96.435	Unidentified	0.05
100.371	Pentacosane	1.11
107.808	Hexatriacontane	0.86
109.223	Unidentified	0.05
114.735	Unidentified	1.20
121.220	Unidentified	0.49
125.617	Stigmasterol	0.13
127.637	gamma-Sitosterol	0.20
134.375	Unidentified	0.15
134.815	Unidentified	0.10
138.362	Unidentified	0.06
138.929	Lupenyl acetate	0.13
		100.00

Chromatogram German Chamomile CO2 - Edens Garden



Comments:

The analysis of this German Chamomile CO2 batch sample meets the expected chemical profile for authentic essential oil of *Matricaria chamomila*. 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.