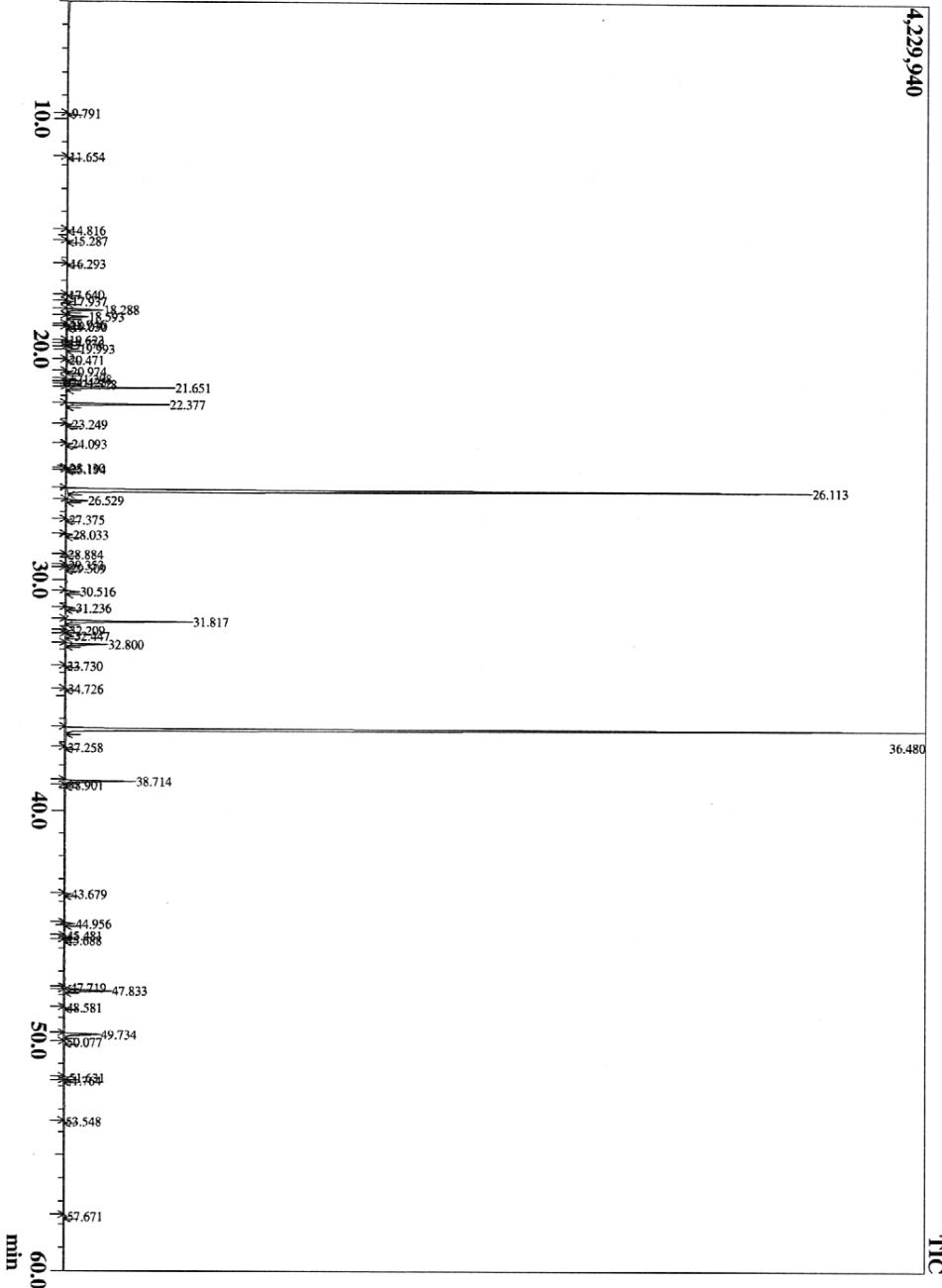


Sample Information

Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 12/20/2017 11:27:48 AM  
 Sample Type : Essential Oil  
 Sample Name : Lavender Art Naturals  
 Sample ID : 171219D  
 Injection Volume : 0.10  
 Instrument ID: : GC-2



Chromatogram Lavender Art Naturals



Retention Time (min)	Peak Name	Area%
9.791	Hexyl methyl ether	0.09
11.654	n-Hexanol	0.03
14.816	alpha-Thujene	0.08
15.287	alpha-Pinene	0.14
16.293	Camphene	0.08
17.640	Sabinene	0.02
17.937	1-Octen-3-ol + beta-Pinene	0.18
18.288	3-Octanone	1.27
18.593	Myrcene	0.75
18.946	Butyl butyrate	0.08
19.030	3-Octanol	0.14
19.623	Pseudionone	0.04
19.776	alpha-Phellandrene	0.02
19.993	Hexyl acetate	0.50
20.471	alpha-Terpinene	0.05
20.974	para-Cymene	0.12
21.298	Limonene	0.32
21.425	beta-Phellandrene	0.12
21.528	1,8-cineole	0.51
21.651	cis-beta-Ocimene	3.81
22.377	trans-beta-Ocimene	3.76
23.249	gamma-Terpinene	0.17
24.093	cis-Linalool oxide (furanoid)	0.16
25.130	Terpinolene	0.08
25.194	trans-Linalool oxide (furanoid)	0.11
26.113	Linalool	33.11
26.529	1-Octen-3-yl acetate	0.77
27.375	3-Octyl acetate	0.09
28.033	allo-Ocimene	0.25
28.884	neo-allo-Ocimene	0.03
29.353	Hexyl isobutyrate	0.06
29.509	Camphor	0.16
30.516	Lavandulol	0.54
31.236	Borneol	0.39
31.817	Terpinen-4-ol	5.11
32.209	Cryptone	0.11
32.447	Hexyl butyrate	0.34
32.800	alpha-Terpinol	1.68
33.730	Octyl acetate	0.03
34.726	Nerol	0.06
36.480	Linalyl acetate	36.50
37.258	Unidentified	0.06
38.714	Lavandulyl acetate	2.87
38.901	Bornyl acetate	0.10
43.679	Neryl acetate	0.25
44.956	Geranyl acetate	0.44
45.481	Hexyl hexanoate	0.08
45.688	7-epi-Sesquithujene	0.04
47.719	alpha-Santalene	0.20
47.833	beta-Caryophyllene	2.07
48.581	trans-alpha-Bergamotene	0.06
49.734	trans-beta-Farnesene	1.56
50.077	alpha-Humulene	0.05
51.631	Germaerene D	0.18
51.764	Unidentified	0.03
53.548	trans-Murrola-4(14),5-diene	0.04
57.671	Caryophyllene oxide	0.12
		100.00

Comments:

The chemical profile of the sample meets the ISO specification for the essential oil of *Lavandula angustifolia* of Bulgarian origin.

©Copyright 2017 by Essential Oil University. All rights reserved. Any publishing, copying, use, dissemination, or distribution of this report, including online, without the express written permission of Essential Oil University is strictly prohibited.