

Lavender Essential Oil

Lot Number: 162379

Date Filled: 08/24/16

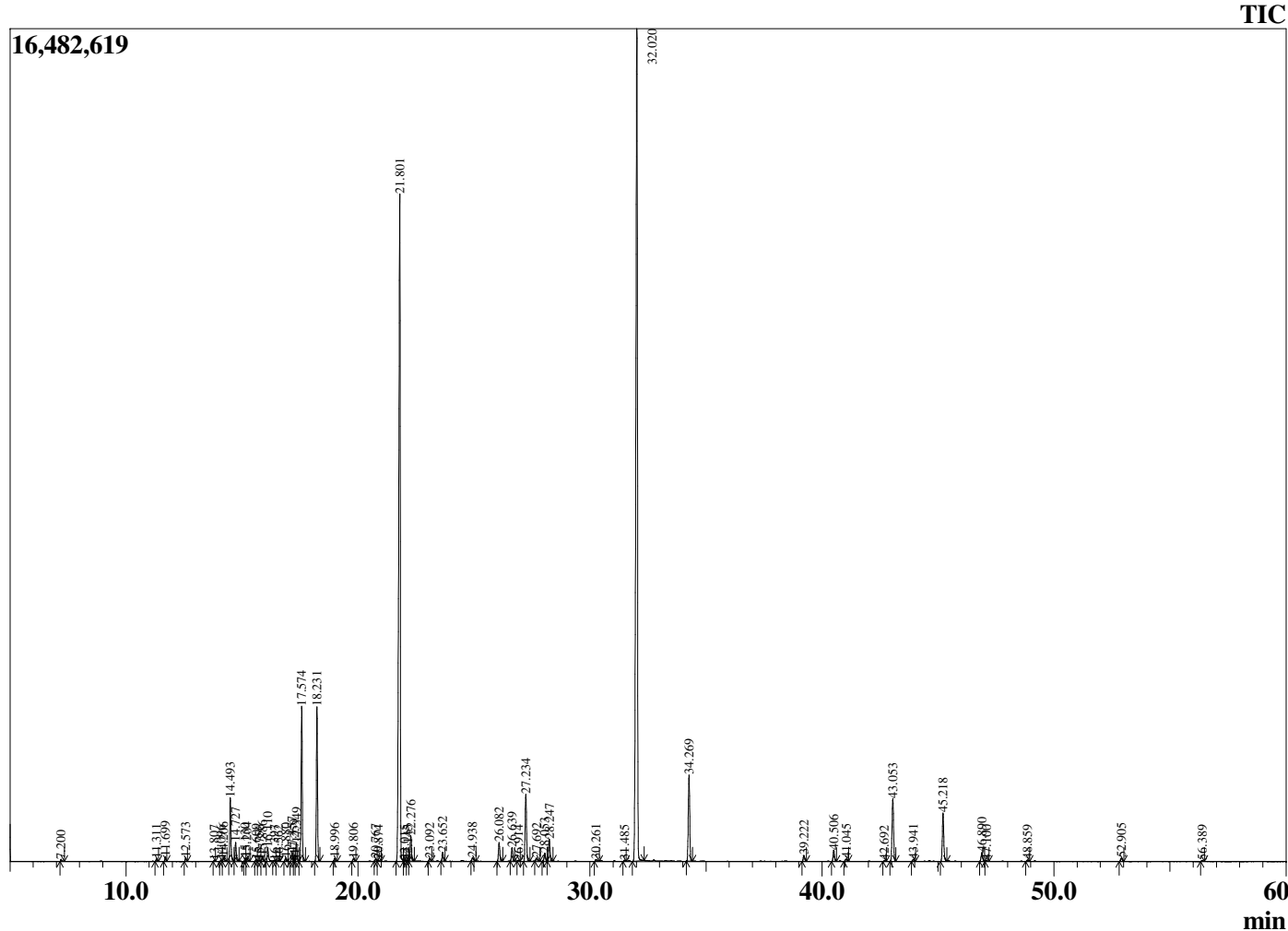
Analyst: TW



Peak Report

Ret. Time	Compound Name	Area %
7.200	Hexyl methyl ether	0.07
11.311	alpha-Thujene	0.07
11.699	alpha-Pinene	0.13
12.573	Camphene	0.10
13.807	Sabinene	0.02
14.096	beta-Pinene	0.04
14.206	1-Octen-3-ol	0.15
14.493	3-Octanone	1.99
14.727	Myrcene	0.60
15.130	Butyl butanoate	0.09
15.204	3-Octanol	0.13
15.609	Pseudolimonene	0.06
15.756	alpha-Phellandrene	0.04
15.886	delta-3-Carene	0.17
16.110	Hexyl acetate	0.52
16.397	alpha-Terpinene	0.04
16.562	ortho-Cymene	0.04
16.880	para-Cymene	0.11
17.157	Limonene	0.30
17.259	beta-Phellandrene	0.20
17.349	1,8-cineole	0.63
17.574	cis-beta-Ocimene	5.09
18.231	trans-beta-Ocimene	5.08
18.996	gamma-Terpinene	0.11
19.806	cis-Linalool oxide (furanoid)	0.10
20.767	Terpinolene	0.08
20.874	trans-Linalool oxide (furanoid)	0.06
21.801	Linalool	28.42
22.015	Hotrienol	0.07
22.145	Hexyl propanoate	0.03
22.276	1-Octen-3-yl acetate	0.94
23.092	3-Octyl acetate	0.11
23.652	allo-Ocimene	0.32
24.938	Camphor	0.17
26.082	Lavandulol	0.72
26.639	Borneol	0.50
26.914	Undeca-1,3,5-triene	0.03
27.234	Terpinen-4-ol	2.60
27.692	Cryptone	0.15
28.053	Hexyl butanoate	0.34
28.247	alpha-Terpineol	0.87
30.261	Nerol	0.09
31.485	Cuminal	0.05
32.020	Linalyl acetate	38.77
34.269	Lavandulyl acetate	3.47
39.222	Neryl acetate	0.25
40.506	Geranyl acetate	0.45
41.045	Hexyl hexanoate	0.11
42.692	cis-alpha-Bergamotene	0.03
43.053	beta-Caryophyllene	2.70
43.941	trans-alpha-Bergamotene	0.08
45.218	trans-beta-Farnesene	2.04
46.890	Germacrene D	0.37
47.100	beta-Sesquiphellandrene	0.04
48.859	gamma-Cadinene	0.06
52.905	Caryophyllene oxide	0.15
56.389	tau-Cadinol	0.04
		100.00

Chromatogram



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.

Approved:

Dr. Robert S. Pappas

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