



**ESSENTIAL OIL**  
LAVENDER,  
ORGANIC

**BOTANICAL  
NAME**  
LAVANDULA  
ANGUSTIFOLIA

**ORIGIN**  
BULGARIA

Peak	Compound	RT	Area Sum %
1	(2E)-Hexenal	5.21	0.12
2	cis-2-Hexenol	6.158	0.03
3	Tricyclene	6.655	0.1
4	$\alpha$ -Thujene	8.779	0.03
5	$\alpha$ -Pinene	9.122	0.11
6	Camphene	9.398	0.22
7	Sabinene	10.126	0.19
8	$\beta$ -Pinene	11.723	0.13
9	1-Octen-3-ol	12.249	0.28
10	3-Octanone	12.682	1.4
11	$\beta$ -Myrcene	12.929	0.78
12	3-Octanol	13.272	0.25
13	Butyl butylate	13.368	0.1
14	$\alpha$ -Phellandrene	13.546	0.04
15	$\delta$ 3-carene	13.902	0.19
16	Hexyl acetate	14.585	0.59
17	o-Cymene	14.803	0.05
18	p-Cymene	14.94	0.27
19	$\beta$ -Phellandrene + Limonene	15.185	0.68
20	1,8-Cineole	15.305	1.09
21	(Z)- $\beta$ -Ocimene	16.203	2.71
22	(E)- $\beta$ -Ocimene	16.902	1.89
23	$\gamma$ -Terpinene	17.433	0.11
24	cis-Sabinene hydrate	18.017	0.09
25	cis-Linalool oxide	18.502	0.27
26	$\alpha$ -Terpinolene	19.615	0.09
27	trans-Linalool oxide	19.747	0.24
28	Linalool	21.313	32.82
29	Hotrienol	21.393	0.13
30	1-Octen-3-yl-acetate	22.168	0.94
31	Allo-Ocimene	23.112	0.36
32	Camphor	23.774	0.45
33	Hexyl isobutyrate	25.017	0.09
34	Borneol	25.619	0.73
35	Lavandulol	26.332	1.04
36	Terpinen-4-ol	26.742	3.46
37	Cryptone	27.326	0.24
38	p-Cymen-8-ol	27.527	0.08
39	$\alpha$ -Terpineol	27.869	1.15
40	Hexyl butyrate	28.611	0.44
41	unknown	30.306	0.07
42	Bornyl formate	30.749	0.07
43	Nerol	31.327	0.24
44	Hexyl isovalerate	31.769	0.11
45	Carvone	32.262	0.11

**RED SILK ESSENTIALS**





LOT NUMBER 190241962 \_66\_II\_4  
LAVENDER, ORGANIC

PAGE 2 OF 2

46	Linalyl acetate	34.236	33.14
47	Bornyl acetate	35.838	0.18
48	Lavandulyl acetate	36.932	3.12
49	Hexyl tiglate	40.002	0.05
50	unknown	40.76	0.07
51	unknown	41.698	0.08
52	unknown	41.977	0.06
53	Neryl acetate	42.779	0.41
54	$\beta$ -Bourbonene	43.396	0.07
55	Geranyl acetate	44.385	0.72
56	Hexyl hexanoate	44.598	0.11
57	$\alpha$ -Gurjunene	45.449	0.03
58	7-epi-Sesquithujene	45.707	0.02
59	$\beta$ -Caryophyllene	46.093	2.72
60	$\alpha$ -Santalene	46.502	0.39
61	Coumarin	47.156	0.06
62	trans- $\alpha$ -Bergamotene	47.827	0.13
63	Sesquisabinene A	48.475	0.05
64	$\alpha$ -Humulene	48.677	0.13
65	Lavandulyl butyrate	49.546	0.12
66	(E)- $\beta$ -Famesene	49.977	2.43
67	Germacrene D	50.922	0.25
68	trans- $\beta$ -Bergamotene	51.524	0.07
69	unknown	52.14	0.02
70	$\gamma$ -Cadinene	53.574	0.15
71	unknown	54.174	0.06
72	Isoaryophyllene epoxide B	56.192	0.06
73	Caryophyllene oxide	58.366	0.6
74	$\tau$ -Cadinol	62.448	0.07
75	unknown	68.867	0.02
76	unknown	71.225	0.02
	<b>Total identified</b>		<b>95.00%</b>