

"English" Lavender (*Lavandula angustifolia*)

Study	Bialon et al 2019	Kim and Lee 2002	Kim and Lee 2002	Kim and Lee 2002	Guo and Wang 2020	Guo and Wang 2020
Extraction Method	Steam distillation Average	Solid-phase trapping solvent extraction (SPTE)	Reduced pressure steam distillation (RPSD)	Simultaneous steam distillation and solvent extraction (SDE)	Steam distillation	95% ethanol extraction for 2 hours at 60 °C then filtration, concentration by rotary vacuum evaporator and repeated between one and three times
Plant Part	<i>Lavandula angustifolia</i> essential oil	<i>Lavandula angustifolia</i> flowers	<i>Lavandula angustifolia</i> flowers	<i>Lavandula angustifolia</i> flowers	<i>Lavandula angustifolia</i> flowers	<i>Lavandula angustifolia</i> flowers
Origin	Simferopol, Crimea, Ukraine	Local herb garden in South Korea	Local herb garden in South Korea	Local herb garden in South Korea	Derun Agricultural Development Co., Ltd., Yili City, China	Derun Agricultural Development Co., Ltd., Yili City, China
Compound						
linalool	43.420±9.290	18.70±2.09	36.8±11.23	43.47±3.49	14.58 ± 0.18	7.72 ± 0.41-16.82 ± 0.31
linalyl acetate	29.925±6.635	35.44±3.66	4.04±0.96	2.63±2.67	47.28 ± 0.35	46.62 ± 0.45 to 47.08 ± 0.19
limonene	0.350±0.200	1.23±2.13	ND	0.29±20.44	0.06 ± 0.00	0.07 ± 0.01 to 0.15 ± 0.01
terpinen-4-ol	4.475±2.185	4.63±0.98	9.53±12.92	14.01±5.19	0.35 ± 0.02	0.16 ± 0.00 to 0.39 ± 0
1,8-cineole	3.330±1.670	5.94±6.25	ND	8.25±5.38	0.45 ± 0.02	0.18 ± 0 to 2.25 ± 0.10
caryophyllene	2.910±1.280	9.39±3.01	0.16±1.09	0.76±14.78	3.34 ± 0.15	2.34 ± 0.01 to 6.67 ± 0.14
bornyl acetate	0.095±0.055	5.88±6.43	0.53±21.00	5.73±2.81	0.46 ± 0.03	0.34 ± 0.00 to 0.5 ± 0.01
lavandulol	0.325±0.215	0.25±4.08	1.20±6.55	2.62±4.30	1.50 ± 0.06	0.61 ± 0.03 to 1.54 ± 0.01
camphor	0.315±0.225	0.45±5.32	1.18±1.45	0.89±5.06	0.24 ± 0.02	0.13 ± 0 to 0.27 ± 0.00
camphene	0.160±0.110	1.57±2.44	ND	0.72±0.37	–	–
p-cymene	0.11± .01	0.11±1.60	ND	1.28±2.92	–	–
borneol	.75± 0	1.88±10.12	11.37±1.06	3.64±3.14	–	–
α-pinene	.18± 0	0.97±0.21	ND	0.23±0.04	–	–
β-myrcene	0.165±0.085	0.91±0.56	ND	0.84±2.40	0.60 ± 0.00	0.60 ± 0.00 to 0.89 ± 0.00
fenchone	–	ND	4.67±0.88	ND	–	–
lavandulyl acetate	–	–	–	–	13.46 ± 0.09	11.88 ± 0.14 to 14.21 ± 0.28
(e)-β-ocimene	0.22±0	–	–	–	0.20 ± 0.01	0.20 ± 0.01 to 0.86 ± 0.00
carvone	0.005±0.0	–	–	–	0.17 ± 0.02	0.07 ± 0.00 to 0.19 ± 0
β-farnesene	.14±.01	2.60±2.97	–	–	1.24 ± 0.02	1.13 ± 0.01 to 1.37 ± 0.06