

Elderflower (*Sambucus nigra*)

Study	Bajer et al 2017	Bajer et al 2017	Bajer et al 2017	Bajer et al 2017	Kaack et al 2006	Jørgensen et al 2000	Jørgensen et al 2000	Jørgensen et al 2000	Jørgensen et al 2000	Jørgensen et al 2000	Study
Extraction Method	Simultaneous distillation-solvent extraction (SDE)	Simultaneous distillation-solvent extraction (SDE)	Simultaneous distillation-solvent extraction (SDE)	Simultaneous distillation-solvent extraction (SDE)	Extracted like a cordial with sucrose, citric acid, ascorbic acid, and sodium benzoate.	Extracted into a cordial with peeled lemon slices, sucrose, tartaric acid, and sodium benzoate.					Extraction Method
Plant Part	Fresh flowers (no stems) after 4 hours of harvest	Flowers (no stems) dried at temperature of 45 °C in oven (in dark)	Flowers (no stems) dried at temperature of 45 °C in oven (in dark)	Flowers (no stems) dried at laboratory temperature and at ambient condition	Cordial made from flowers. Calculated with control data removed.	Cordial made from flower of Allesoe cultivar. Calculated with control data removed.	Cordial made from flower of Donau cultivar. Calculated with control data removed.	Cordial made from flower of Sambu cultivar. Calculated with control data removed.	Cordial made from flower of Sampo cultivar. Calculated with control data removed.	Cordial made from flower of Samyl cultivar. Calculated with control data removed.	Plant Part
Origin	Pardubice, Czech Republic	Pardubice, Czech Republic	Pardubice, Czech Republic	Pardubice, Czech Republic	100 different genotypes from Austria, England, and Denmark	"Danish Institute of Agricultural Sciences, Research Centre Aarslev"					Origin
Compound											Compound
hotrienol	-	-	-	-	28.49%	16.05%	21.15%	17.22%	12.56%	12.96%	hotrienol
(z)-rose oxide	0.7	1	1	0.9	11.88%	19.70%	3.26%	13.55%	12.69%	13.12%	(z)-rose oxide
linalool	2.5	1.2	1.2	1	18.19%	13.56%	10.41%	23.73%	16.55%	16.95%	linalool
(z)-linalool furanoxide	1.5	0.1	0.1	0.4	8.98%	5.52%	8.11%	3.34%	6.23%	6.45%	(z)-linalool furanoxide
(z)-linalool pyranoxide	0.8	0.4	0.4	0.6	8.98%	0.15%	0.34%	0.34%	0.19%	0.31%	(z)-linalool pyranoxide
(z)-3-hexen-1-ol	0.2	0.1	0.1	0.5	0.30%	9.54%	15.83%	7.91%	12.39%	12.82%	(z)-3-hexen-1-ol
(e)-rose oxide	0.4	0.5	0.5	0.4	4.84%	5.04%	0.90%	3.14%	3.09%	3.29%	(e)-rose oxide
heptanal	0.5	0.5	0.5	0.8	1.58%	3.57%	1.05%	1.72%	2.72%	2.87%	heptanal
hexanol	< 0.1	< 0.1	< 0.1	0.1	3.85%	2.73%	5.02%	1.70%	1.47%	1.61%	hexanol
benzaldehyde	0.6	0.9	0.9	1	-	1.36%	3.57%	0.42%	2.28%	2.41%	benzaldehyde
nerol oxide	0.1	0.1	0.1	0.1	-	2.77%	4.77%	4.08%	2.73%	2.85%	nerol oxide
α-terpineol	0.1	0.1	0.1	0.1	0.98%	0.49%	1.23%	1.58%	1.33%	1.15%	α-terpineol
(e)-2-pentenyl furan	---	< 0.1	< 0.1	< 0.1	0.01%	0.05%	0.01%	0.03%	0.03%	0.03%	(e)-2-pentenyl furan
(e)-2-hexen-1-ol	---	---	---	< 0.1	0.62%	0.19%	0.48%	0.35%	0.01%	0.10%	(e)-2-hexen-1-ol
(e)-2-octenal	---	---	---	< 0.1	0.07%	0.00%	0.00%	0.00%	0.13%	0.00%	(e)-2-octenal
heptanol	0.1	< 0.1	< 0.1	< 0.1	0.45%	0.36%	0.29%	0.19%	0.29%	0.40%	heptanol
limonene	0.3	0.2	0.2	0.2	0.28%	0.00%	0.09%	0.00%	0.57%	0.00%	limonene
methyl salicylate	0.1	0.1	0.1	0.1	-	0.13%	0.05%	0.03%	0.02%	0.08%	methyl salicylate
octanal	0.1	0.1	0.1	0.1	0.18%	0.20%	0.03%	0.30%	0.27%	0.33%	octanal
(z)-β-ocimene	< 0.1	< 0.1	< 0.1	< 0.1	-	0.10%	0.08%	0.18%	0.05%	0.17%	(z)-β-ocimene
1-octanol	0.1	0.1	0.1	0.1	0.31%	0.05%	0.03%	0.04%	0.01%	0.04%	1-octanol