

No	Chemical Constituents	Concentrations					Methods
		Flower	Fruit	Stem	Leaves	Rhizome	
1	Ascorbic Acid	1.3 mg/100 g	1.04 mg/100 g	-	-	-	GC-MS
2	Citric Acid	12.4 mg/100 g	5.7 mg/100 g	-	-	-	GC-MS
3	Glucose	1.3 g/100 g	0.68 g/100 g	-	-	-	GC-MS
4	Fructose	1.1 g/100 g	0.446 g/100 g	-	-	-	LC-MS
5	Myrcene	0.7 mg/100 g	0.3 mg/100 g	0.38 mg/100 g	0.54 mg/100 g	-	GC-MS
6	Quercetin	0.5 mg/100 g	0.22 mg/100 g	0.32 mg/100 g	0.33 mg/100 g	-	GC-MS
7	Iso-Quercetin	0.47 mg/100 g	0.37 mg/100 g	0.1 mg/100 g	0.3 mg/100 g	-	GC-MS
8	16-Hydroxylabda-8 (17),11,13-Trien-15,16-Olide	0.28 mg/100 g	0.1 mg/100 g	0.09 mg/100 g	0.147 mg/100 g	-	GC-MS
9	α -Pipene	0.7 mg/100 g	0.05 mg/100 g	0.36 mg/100 g	0.07 mg/100 g	-	GC-MS
10	β -Pipene	0.53 mg/100 g	0.06 mg/100 g	0.03 mg/100 g	0.43 mg/100 g	-	GC-MS
11	Limonene	0.8 mg/100 g	0.03 mg/100 g	-	-	-	GC-MS
12	Demethoxycurcumin	0.02 mg/100 g	0.008 mg/100 g	-	-	-	GC-MS
13	3-O-Caffeoylquinic Acid	0.03 mg/100 g	0.01 mg/100 g	-	-	-	GC-MS
14	5-O-Caffeoylquinic Acid	0.06 mg/100 g	0.01 mg/100 g	-	-	-	GC-MS
15	5-O-Caffeoylquinic Acid Methyl Esters	0.05 mg/100 g	0.01mg/100 g	-	-	-	LC-MS
16	Catechin	0.48 mg/100 g	0.02mg/100 g	-	-	-	GC-MS
17	Cellulose	20.3 g/100 g	19.3 g/100 g	21.4 g/100 g	20.6 g/100 g	-	Van Soest Method ^a
18	Hemicellulose	8 - 11 g/100 g	8 - 11 g/100 g	8 - 11 g/100 g	8 - 11 g/100 g	-	Van Soest Method ^a
19	Glutamic Acid	11.32 g/100 g	8.5 g/100 g	-	-	-	GC-MS
20	1,7-Bis (4-Hydroxyphenyl)-2,4,6-Heptatrienone	0.02 mg/100 g	0.07 mg/100 g	-	-	-	GC-MS
21	1,7-Bis (4-Hydroxyphenyl)-1,4,6-Heptatriene-3-One	0.05 mg/100 g	0.01 mg/100 g	-	-	-	LC-MS
22	stigmast-4-en-6-ol-3-one	0.007 mg/100 g	0.0053 mg/100 g	-	-	-	GC-MS
23	5,8-epidioxyergosta-6,22-dien-3-ol	0.0036 mg/100 g	0.0084 mg/100 g	-	-	-	GC-MS

24	Stigmast-4-en-3-one	0.0067 mg/100 g	0.0045 mg/100 g	-	-	-	GC-MS
25	Stigmast-4-ene-3,6-dione	0.0076 mg/100 g	0.0034 mg/100 g	-	-	-	GC-MS
26	β -Sitosterol	-	-	-	-	0.0056 mg/100 g	GC-MS

- a. Chen, H., Ferrari, C., Angiuli, M., Yao, J., Raspi, C., & Bramanti, E. (2010). Qualitative and quantitative analysis of wood samples by Fourier transform infrared spectroscopy and multivariate analysis. *Carbohydrate polymers*, 82(3), 772-778.

No	Chemical Constituents	Odor Activity Values					Odor Thresholds	Methods
		Flower	Fruit	Stem	Leaves	Rhizome		
1	Myrcene	1428.6	612.2	775.5	1102	-	4.9 μ g/Kg	GC-MS
2	α -Pipene	41.1	2.9	21.1	4.1	-	170 μ g/Kg	GC-MS
3	β -Pipene	31.1	3.5	1.8	25.3	-	170 μ g/Kg	GC-MS
4	Limonene	615.4	23.1	-	-	-	13 μ g/Kg	GC-MS

Source : <https://www.leibniz-lsb.de/en/datenbanken/leibniz-lsb-tum-odorant-database/odorantdb>