

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Chamaemelum nobile*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	1,10-EPOXYNOBILIN	Plant	--	--		
67	1,8-CINEOLE	Plant	--	--		
1	3-DEHYDRONOBILIN	Plant	--	--		
28	ALPHA-PINENE	Plant	--	--		
13	ALPHA-TERPINENE	Plant	--	--		
5	ALUMINUM	Flower	27	27	-1.24997149983649	
1	ANTHEMIC-ACID	Plant	--	--		
101	APIGENIN	Plant	--	--		
4	APIIN	Plant	--	--		
112	ASCORBIC-ACID	Flower	267	267	-0.7525928024069561	
10	AZULENE	Plant	--	--		
6	BETA-BISABOLENE	Plant	--	--		
53	BETA-CAROTENE	Flower	2.2	2.2	-0.588533141523943	
3	BETA-DAMASCENONE	Plant	--	--		
2	BETA-MYRCENE	Plant	--	--		
13	BETA-PINENE	Plant	--	--		
3	BETA-SELINENE	Plant	--	--		
35	BORNEOL	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
102	CAFFEIC-ACID	Plant	--	--		
28	CALCIUM	Flower	6720	6720	0.262669182361168	
9	CAMPHENE	Plant	--	--		
10	CHAMAZULENE	Plant	--	--		
20	CHOLINE	Plant	--	--		
24	CHROMIUM	Flower	6	6	1.4663135101446323	
2	COBALT	Flower	58	58	2.612061847366935	
5	EN-YN-DICYCLOETHER	Plant	--	--		
2	FARNESENE	Plant	--	--		
17	FARNESOL	Plant	--	--		
61	FERULIC-ACID	Plant	--	--		
15	FIBER	Flower	72000	72000	-0.7287341780082754	
2	GERMACRENE-D	Plant	--	--		
12	HERNIARIN	Plant	--	--		
1	HEXYL-ACETATE	Plant	--	--		
1	HEXYL-BUTYRATE	Plant	--	--		
2	HUMULENE	Plant	--	--		
8	INOSITOL	Flower	--	--		
6	IRON	Flower	170	170	0.01399335559030001	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
60	LIMONENE	Plant	--	--		
78	LUTEOLIN	Plant	--	--		
7	LUTEOLIN-7-GLUCOSIDE	Plant	--	--		
65	MAGNESIUM	Flower	2920	2920	0.0778929234285551	
14	MANGANESE	Flower	52	52	-0.20887325844670268	
22	MYRCENE	Plant	--	--		
5	MYRTENAL	Plant	--	--		
2	MYRTENOL	Plant	--	--		
11	NEROLIDOL	Plant	--	--		
39	NIACIN	Flower	--	--		
1	NOBILIN	Plant	--	--		
16	P-CYMENE	Plant	--	--		
4	PHOSPHORUS	Flower	3220	3220	-0.2058307284109949	
12	PINENE	Plant	--	--		
4	PINOCAMPHONE	Plant	--	--		
14	POTASSIUM	Flower	13200	13200	-0.6226881789888628	
15	RIBOFLAVIN	Flower	4.3	4.3	-0.44813818935694794	
87	RUTIN	Plant	--	--		
5	SABINENE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
44	SCOPOLETIN	Plant	--	--		
2	SCOPOLETOL	Plant	--	--		
60	SELENIUM	Flower	--	--		
4	SILICON	Flower	31	31	0.03983585243552122	
1	SODIUM	Flower	2580	2580	0.8971862425947467	
35	TANNIN	Plant	--	--		
2	TARAXASTEROL	Plant	--	--		
31	THIAMIN	Flower	0.8	0.8	-1.319683564963165	
1	TIGLIC-ACID	Plant	--	--		
4	TIN	Flower	10	10	-0.8082238591204874	
22	UMBELLIFERONE	Plant	--	--		
77	ZINC	Flower	--	--		