

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Nepeta cataria*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	ALPHA-HUMULENE	Plant	18.0	170.0	0.8843423750700136	Bourrel, C., Perineau, F., Michel, G., Bessiere, J.M. 1993. Catnip (<i>Nepeta cataria</i> L.) Essential Oil: Analysis of Chemical Constituents, Bacteriostatic and Fungistatic Properties. <i>J. Ess. Oil Res.</i> , 5: 159-167.
5	ALUMINUM	Plant	30.0	250.0	-0.259853641335612	--
112	ASCORBIC-ACID	Plant				--
53	BETA-CAROTENE	Plant	3.0	24.0	-0.5971978580241307	--
5	BETA-ELEMENE	Plant	4.0	155.0	0.09810278553693051	Bourrel, C., Perineau, F., Michel, G., Bessiere, J.M. 1993. Catnip (<i>Nepeta cataria</i> L.) Essential Oil: Analysis of Chemical Constituents, Bacteriostatic and Fungistatic Properties. <i>J. Ess. Oil Res.</i> , 5: 159-167.
47	BETA-SITOSTEROL	Shoot		900.0	1.3584708811769088	--
47	BETA-SITOSTEROL	Plant				--
28	CALCIUM	Plant	739.0	6160.0	-0.7946970246293654	--
41	CAMPHOR	Plant	16.0	80.0	-0.6132983644159371	List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
37	CARVACROL	Plant				Williamson, E. M. and Evans, F. J., <i>Potter's New Cyclopaedia of Botanical Drugs and Preparations</i> , Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
31	CARYOPHYLLENE	Plant	40.0	3200.0	3.663534141225774	--
8	CARYOPHYLLENE-OXIDE	Plant	285.0	2365.0	4.032095440217275	Bourrel, C., Perineau, F., Michel, G., Bessiere, J.M. 1993. Catnip (<i>Nepeta cataria</i> L.) Essential Oil: Analysis of Chemical Constituents, Bacteriostatic and Fungistatic Properties. <i>J. Ess. Oil Res.</i> , 5: 159-167.
24	CHROMIUM	Plant	0.3	2.7	-0.6113918491402526	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	CIS-OCIMENE	Plant	10.0	50.0	-0.33940956972519376	--
53	CITRAL	Plant				--
20	CITRONELLAL	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
15	CITRONELLOL	Essential Oil		126000.0	0.5224569028073494	--
2	COBALT	Plant	1.4	11.8	-0.09193038682910333	--
35	GERANIOL	Leaf				--
35	GERANIOL	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
35	GERANIOL	Essential Oil		255000.0	2.072634270981816	--
1	IRIDOIDS	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
6	IRON	Plant	17.0	138.0	-0.5757891134070537	--
7	LAURIC-ACID	Seed Oil				--
60	LIMONENE	Leaf				--
60	LIMONENE	Plant				--
27	LINOLEIC-ACID	Seed Oil		180000.0	-0.8302018822935633	--
65	MAGNESIUM	Plant	248.0	2070.0	-0.6197173176801558	--
14	MANGANESE	Plant	5.0	37.4	-0.42685217500006484	--
22	MYRCENE	Plant	8.0	40.0	-0.4321564145331576	--
6	MYRISTIC-ACID	Seed Oil				--
5	NEPETALACTONE	Tissue Culture				--
5	NEPETALACTONE	Plant	25.0	9900.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	NEPETALACTONE	Essential Oil	600000.0	999000.0		--
10	NEROL	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
10	NEROL	Essential Oil		276000.0	1.407686585025154	--
39	NIACIN	Plant				--
18	OLEIC-ACID	Seed Oil				--
13	PALMITIC-ACID	Seed Oil				--
1	PENTADECANOIC-ACID	Seed Oil				--
4	PHOSPHORUS	Plant	289.0	2410.0	-0.5663882644151227	--
7	PIPERITONE	Plant	50.0	195.0	-0.49415366947045464	Bourrel, C., Perineau, F., Michel, G., Bessiere, J.M. 1993. Catnip (<i>Nepeta cataria</i> L.) Essential Oil: Analysis of Chemical Constituents, Bacteriostatic and Fungistatic Properties. <i>J. Ess. Oil Res.</i> , 5: 159-167.
14	POTASSIUM	Plant	2820.0	23500.0	0.11874970786708418	--
28	PULEGONE	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
15	RIBOFLAVIN	Plant	0.4	3.6	-0.5443703368356911	--
57	ROSMARINIC-ACID	Plant		2000.0	-1.6031579162806906	Fitoterapia No.62: 166.
57	ROSMARINIC-ACID	Inflorescence		2000.0	-1.4970192502235884	--
60	SELENIUM	Plant	2.0	12.3	0.12139951353466857	--
4	SILICON	Plant				--
1	SODIUM	Plant				--
8	STEARIC-ACID	Seed Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
35	TANNIN	Leaf				--
71	THYMOL	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
4	TIN	Plant	1.3	11.0	-0.6692895216686466	--
89	URSOLIC-ACID	Shoot		10300.0	1.8174623226218731	--
89	URSOLIC-ACID	Plant				--
77	ZINC	Plant				--