

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Nepeta cataria*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
31	CARYOPHYLLENE	Plant	40.0	3200.0	3.663534141225774	--
35	GERANIOL	Essential Oil		255000.0	2.072634270981816	--
89	URSOLIC-ACID	Shoot		10300.0	1.8174623226218731	--
10	NEROL	Essential Oil		276000.0	1.407686585025154	--
47	BETA-SITOSTEROL	Shoot		900.0	1.3584708811769088	--
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.
15	CITRONELLOL	Essential Oil		126000.0	0.5224569028073494	--
60	SELENIUM	Plant	2.0	12.3	0.12139951353466857	--
14	POTASSIUM	Plant	2820.0	23500.0	0.11874970786708418	--
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.
2	COBALT	Plant	1.4	11.8	-0.09193038682910333	--
5	ALUMINUM	Plant	30.0	250.0	-0.259853641335612	--
3	CIS-OCIMENE	Plant	10.0	50.0	-0.33940956972519376	--
14	MANGANESE	Plant	5.0	37.4	-0.42685217500006484	--
22	MYRCENE	Plant	8.0	40.0	-0.4321564145331576	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
15	RIBOFLAVIN	Plant	0.4	3.6	-0.5443703368356911	--
4	PHOSPHORUS	Plant	289.0	2410.0	-0.5663882644151227	--
6	IRON	Plant	17.0	138.0	-0.5757891134070537	--
53	BETA-CAROTENE	Plant	3.0	24.0	-0.5971978580241307	--
24	CHROMIUM	Plant	0.3	2.7	-0.6113918491402526	--
41	CAMPHOR	Plant	16.0	80.0	-0.6132983644159371	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
65	MAGNESIUM	Plant	248.0	2070.0	-0.6197173176801558	--
4	TIN	Plant	1.3	11.0	-0.6692895216686466	--
28	CALCIUM	Plant	739.0	6160.0	-0.7946970246293654	--
27	LINOLEIC-ACID	Seed Oil		180000.0	-0.8302018822935633	--
57	ROSMARINIC-ACID	Inflorescence		2000.0	-1.4970192502235884	--
57	ROSMARINIC-ACID	Plant		2000.0	-1.6031579162806906	Fitoterapia No.62: 166.
47	BETA-SITOSTEROL	Plant				--
8	STEARIC-ACID	Seed Oil				--
1	PENTADECANOIC-ACID	Seed Oil				--
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.
5	NEPETALACTONE	Tissue Culture				--
18	OLEIC-ACID	Seed Oil				--
53	CITRAL	Plant				--

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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.
13	PALMITIC-ACID	Seed Oil				--
77	ZINC	Plant				--
5	NEPETALACTONE	Plant	25.0	9900.0		--
39	NIACIN	Plant				--
5	NEPETALACTONE	Essential Oil	600000.0	999000.0		--
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.
6	MYRISTIC-ACID	Seed Oil				--
37	CARVACROL	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.
1	SODIUM	Plant				--
112	ASCORBIC-ACID	Plant				--
7	LAURIC-ACID	Seed Oil				--
4	SILICON	Plant				--
89	URSOLIC-ACID	Plant				--
60	LIMONENE	Leaf				--
35	GERANIOL	Leaf				--
60	LIMONENE	Plant				--

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1	IRIDOIDS	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
35	TANNIN	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.
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.