

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Nepeta cataria*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
112	ASCORBIC-ACID	Plant				--
89	URSOLIC-ACID	Plant				--
89	URSOLIC-ACID	Shoot		10300.0	1.8174623226218731	--
77	ZINC	Plant				--
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.
65	MAGNESIUM	Plant	248.0	2070.0	-0.6197173176801558	--
60	LIMONENE	Leaf				--
60	LIMONENE	Plant				--
60	SELENIUM	Plant	2.0	12.3	0.12139951353466857	--
57	ROSMARINIC-ACID	Plant		2000.0	-1.6031579162806906	Fitoterapia No.62: 166.
57	ROSMARINIC-ACID	Inflorescence		2000.0	-1.4970192502235884	--
53	CITRAL	Plant				--
53	BETA-CAROTENE	Plant	3.0	24.0	-0.5971978580241307	--
47	BETA-SITOSTEROL	Plant				--
47	BETA-SITOSTEROL	Shoot		900.0	1.3584708811769088	--
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.
39	NIACIN	Plant				--
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.
35	GERANIOL	Leaf				--

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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.
35	GERANIOL	Essential Oil		255000.0	2.072634270981816	--
31	CARYOPHYLLENE	Plant	40.0	3200.0	3.663534141225774	--
28	CALCIUM	Plant	739.0	6160.0	-0.7946970246293654	--
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.
27	LINOLEIC-ACID	Seed Oil		180000.0	-0.8302018822935633	--
24	CHROMIUM	Plant	0.3	2.7	-0.6113918491402526	--
22	MYRCENE	Plant	8.0	40.0	-0.4321564145331576	--
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.
18	OLEIC-ACID	Seed Oil				--
15	CITRONELLOL	Essential Oil		126000.0	0.5224569028073494	--
15	RIBOFLAVIN	Plant	0.4	3.6	-0.5443703368356911	--
14	POTASSIUM	Plant	2820.0	23500.0	0.11874970786708418	--
14	MANGANESE	Plant	5.0	37.4	-0.42685217500006484	--
13	PALMITIC-ACID	Seed Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	--
8	STEARIC-ACID	Seed Oil				--
8	CARYOPHYLENE-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. J. Ess. Oil Res., 5: 159-167.
7	LAURIC-ACID	Seed Oil				--
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. J. Ess. Oil Res., 5: 159-167.
6	IRON	Plant	17.0	138.0	-0.5757891134070537	--
6	MYRISTIC-ACID	Seed Oil				--
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. J. Ess. Oil Res., 5: 159-167.
5	ALUMINUM	Plant	30.0	250.0	-0.259853641335612	--
5	NEPETALACTONE	Tissue Culture				--
5	NEPETALACTONE	Plant	25.0	9900.0		--
5	NEPETALACTONE	Essential Oil	600000.0	999000.0		--
4	SILICON	Plant				--
4	PHOSPHORUS	Plant	289.0	2410.0	-0.5663882644151227	--

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4	TIN	Plant	1.3	11.0	-0.6692895216686466	--
3	CIS-OCIMENE	Plant	10.0	50.0	-0.33940956972519376	--
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.
2	COBALT	Plant	1.4	11.8	-0.09193038682910333	--
1	IRIDOIDS	Plant				Leung, A. Y. and Foster, S. 1995. <i>Encyclopedia of Common Natural Ingredients</i> 2nd Ed. John Wiley & Sons, New York. 649 pp.
1	PENTADECANOIC-ACID	Seed Oil				--
1	SODIUM	Plant				--