

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Nepeta cataria*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
77	ZINC	Plant				--
89	URSOLIC-ACID	Plant				--
89	URSOLIC-ACID	Shoot		10300.0	1.8174623226218731	--
4	TIN	Plant	1.3	11.0	-0.6692895216686466	--
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.
35	TANNIN	Leaf				--
8	STEARIC-ACID	Seed Oil				--
1	SODIUM	Plant				--
4	SILICON	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	--
15	RIBOFLAVIN	Plant	0.4	3.6	-0.5443703368356911	--
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.
14	POTASSIUM	Plant	2820.0	23500.0	0.11874970786708418	--
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.
4	PHOSPHORUS	Plant	289.0	2410.0	-0.5663882644151227	--
1	PENTADECANOIC-ACID	Seed Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	PALMITIC-ACID	Seed Oil				--
18	OLEIC-ACID	Seed Oil				--
39	NIACIN	Plant				--
10	NEROL	Essential Oil		276000.0	1.407686585025154	--
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.
5	NEPETALACTONE	Plant	25.0	9900.0		--
5	NEPETALACTONE	Essential Oil	600000.0	999000.0		--
5	NEPETALACTONE	Tissue Culture				--
6	MYRISTIC-ACID	Seed Oil				--
22	MYRCENE	Plant	8.0	40.0	-0.4321564145331576	--
14	MANGANESE	Plant	5.0	37.4	-0.42685217500006484	--
65	MAGNESIUM	Plant	248.0	2070.0	-0.6197173176801558	--
27	LINOLEIC-ACID	Seed Oil		180000.0	-0.8302018822935633	--
60	LIMONENE	Leaf				--
60	LIMONENE	Plant				--
7	LAURIC-ACID	Seed Oil				--
6	IRON	Plant	17.0	138.0	-0.5757891134070537	--
1	IRIDIODS	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
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.

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35	GERANIOL	Essential Oil		255000.0	2.072634270981816	--
2	COBALT	Plant	1.4	11.8	-0.09193038682910333	--
15	CITRONELLOL	Essential Oil		126000.0	0.5224569028073494	--
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.
53	CITRAL	Plant				--
3	CIS-OCIMENE	Plant	10.0	50.0	-0.33940956972519376	--
24	CHROMIUM	Plant	0.3	2.7	-0.6113918491402526	--
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	--
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.
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.
28	CALCIUM	Plant	739.0	6160.0	-0.7946970246293654	--
47	BETA-SITOSTEROL	Plant				--
47	BETA-SITOSTEROL	Shoot		900.0	1.3584708811769088	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
53	BETA-CAROTENE	Plant	3.0	24.0	-0.5971978580241307	--
112	ASCORBIC-ACID	Plant				--
5	ALUMINUM	Plant	30.0	250.0	-0.259853641335612	--
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.