

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Nepeta cataria*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
5	NEPETALACTONE	Essential Oil	600000.0	999000.0		--
10	NEROL	Essential Oil		276000.0	1.407686585025154	--
35	GERANIOL	Essential Oil		255000.0	2.072634270981816	--
27	LINOLEIC-ACID	Seed Oil		180000.0	-0.8302018822935633	--
15	CITRONELLOL	Essential Oil		126000.0	0.5224569028073494	--
14	POTASSIUM	Plant	2820.0	23500.0	0.11874970786708418	--
89	URSOLIC-ACID	Shoot		10300.0	1.8174623226218731	--
5	NEPETALACTONE	Plant	25.0	9900.0		--
28	CALCIUM	Plant	739.0	6160.0	-0.7946970246293654	--
31	CARYOPHYLLENE	Plant	40.0	3200.0	3.663534141225774	--
4	PHOSPHORUS	Plant	289.0	2410.0	-0.5663882644151227	--
8	CARYOPHYLLENE-OXIDE	Plant	285.0	2365.0	4.032095440217275	Bourel, 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.
65	MAGNESIUM	Plant	248.0	2070.0	-0.6197173176801558	--
57	ROSMARINIC-ACID	Inflorescence		2000.0	-1.4970192502235884	--
57	ROSMARINIC-ACID	Plant		2000.0	-1.6031579162806906	Fitoterapia No.62: 166.
47	BETA-SITOSTEROL	Shoot		900.0	1.3584708811769088	--
5	ALUMINUM	Plant	30.0	250.0	-0.259853641335612	--
7	PIPERITONE	Plant	50.0	195.0	-0.49415366947045464	Bourel, 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.

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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	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.
6	IRON	Plant	17.0	138.0	-0.5757891134070537	--
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.
3	CIS-OCIMENE	Plant	10.0	50.0	-0.33940956972519376	--
22	MYRCENE	Plant	8.0	40.0	-0.4321564145331576	--
14	MANGANESE	Plant	5.0	37.4	-0.42685217500006484	--
53	BETA-CAROTENE	Plant	3.0	24.0	-0.5971978580241307	--
60	SELENIUM	Plant	2.0	12.3	0.12139951353466857	--
2	COBALT	Plant	1.4	11.8	-0.09193038682910333	--
4	TIN	Plant	1.3	11.0	-0.6692895216686466	--
15	RIBOFLAVIN	Plant	0.4	3.6	-0.5443703368356911	--
24	CHROMIUM	Plant	0.3	2.7	-0.6113918491402526	--
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				--

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53	CITRAL	Plant				--
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				--
39	NIACIN	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.
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				--
89	URSOLIC-ACID	Plant				--
4	SILICON	Plant				--
60	LIMONENE	Leaf				--
35	GERANIOL	Leaf				--
60	LIMONENE	Plant				--
1	IRIDIODS	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

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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	TANNIN	Leaf				--
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.
47	BETA-SITOSTEROL	Plant				--
8	STEARIC-ACID	Seed Oil				--