

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Euphrasia officinalis*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
14	POTASSIUM	Plant	2002.0	13000.0	-0.6135110993447295	--
28	CALCIUM	Plant	1771.0	11500.0	-0.22349528673219693	--
65	MAGNESIUM	Plant	641.0	4160.0	0.029089809747304622	--
4	PHOSPHORUS	Plant	323.0	2100.0	-0.7153547612101347	--
39	NIACIN	Plant	52.0	337.0	3.647611827084371	--
5	ALUMINUM	Plant	15.3	99.0	-0.5601770011887169	--
53	BETA-CAROTENE	Plant	11.0	73.0	-0.3318192937264815	--
112	ASCORBIC-ACID	Plant	10.0	67.0	-0.5779568931624107	--
6	IRON	Plant	5.0	31.0	-0.7017961103263061	--
4	SILICON	Plant	5.0	30.3	-0.3634509523754327	--
15	RIBOFLAVIN	Plant	3.0	18.0	0.45910751299395686	--
2	COBALT	Plant	2.3	14.7	0.002807034712339081	--
14	MANGANESE	Plant	2.0	12.6	-0.6045983914604846	--
4	TIN	Plant	1.2	8.0	-0.8729707962821696	--
77	ZINC	Plant	0.5	3.5	-0.47976965929797716	--
60	SELENIUM	Plant	0.1	0.5	-0.40520801615606183	--
24	CHROMIUM	Plant	0.1	0.7	-0.7978184456668914	--
75	KAEMPFEROL	Plant				Jim Duke's personal files.
2	NONACOSANE	Plant				--
62	GALLIC-ACID	Shoot				Jim Duke's personal files.
22	ISOQUERCITRIN	Plant				--
13	DIOSMETIN	Plant				Jim Duke's personal files.
7	GLUCOSE	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
20	CHOLINE	Plant				Tyler, V.E.. 1982. The Honest Herbal. George F. Stickley Co., Philadelphia PA. 263 pp.

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7	CHRYSOERIOL	Shoot				Jim Duke's personal files.
62	GALLIC-ACID	Plant				--
3	CATALPOL	Plant				--
102	CAFFEIC-ACID	Shoot		6000.0	1.7085918936663076	Jim Duke's personal files.
1	GALACTOSE	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
20	AUCUBIN	Shoot				Jim Duke's personal files.
47	BETA-SITOSTEROL	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
102	CAFFEIC-ACID	Plant		11500.0	0.732750509786938	Tyler, V.E.. 1982. The Honest Herbal. George F. Stickley Co., Philadelphia PA. 263 pp.
101	APIGENIN	Plant				--
35	TANNIN	Shoot				Jim Duke's personal files.
20	AUCUBIN	Plant		500.0	0.003044452405683529	--
31	THIAMIN	Plant		4.3	-0.28049355339724585	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
24	VANILLIC-ACID	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
10	GENIPOSIDE	Plant				--
176	QUERCETIN	Plant				--
1	SODIUM	Plant				--
12	STIGMASTEROL	Plant				--
15	FIBER	Plant		91000.0	-0.9744928819249589	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
78	LUTEOLIN	Shoot				Jim Duke's personal files.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
87	RUTIN	Plant				--
61	FERULIC-ACID	Plant				Tyler, V.E.. 1982. The Honest Herbal. George F. Stickley Co., Philadelphia PA. 263 pp.