

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Ulmus rubra

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	ALUMINUM	Bark	3.6	22.0	-0.7439000789249773	--
112	ASCORBIC-ACID	Bark		0.0	-1.0104899665727316	--
53	BETA-CAROTENE	Bark	4.0	25.0	0.7778259438536158	--
47	BETA-SITOSTEROL	Wood				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
28	CALCIUM	Bark	1602.0	9770.0	-0.8508922219141178	--
4	CALCIUM-OXALATE	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.
2	CAMPESTEROL	Wood				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	CHOLESTEROL	Wood				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
24	CHROMIUM	Bark	0.2	1.0	-0.48598491785883197	--
1	CITROSTADIENOL	Wood				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
2	COBALT	Bark	0.3	1.8	-0.49763977280155086	--
15	FIBER	Bark		92000.0	-0.9340975708942237	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
8	FRUCTOSE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
7	GLUCOSE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
6	IRON	Bark				--
65	MAGNESIUM	Bark	95.0	580.0	-0.7978764763909307	--
14	MANGANESE	Bark	0.3	1.9	-0.6638645681955431	--
3	MUCILAGE	Bark	41000.0	350000.0	1.0	--
39	NIACIN	Bark	33.0	200.0	2.104604179683411	--
4	PHOSPHORUS	Bark	36.0	220.0	-0.8274253906754868	--
2	PHYTOSTEROLS	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.
14	POTASSIUM	Bark	444.0	2710.0	-0.7118794255547221	--
15	RIBOFLAVIN	Bark	0.7	4.1	0.31889318866969746	--
34	SALICYLIC-ACID	Bark		23.0		Luo, W., Ang, C. Y. W., Schmitt, T. C., Betz, J. M. 1998. Determination of Salicin and Related Compounds in Botanical Dietary Supplements by Liquid Chromatography with Fluorescence Detection. J Aoac Int, 81(4): 757-762.
60	SELENIUM	Bark	0.3	1.5	-0.4079856019036855	--
4	SILICON	Bark				--
1	SODIUM	Bark	1.6	10.0	-0.5262399113885332	--
5	STARCH	Bark	13120.0	210000.0	1.8603586442275013	--
35	TANNIN	Bark	30000.0	65000.0	-0.6655743179937075	--
31	THIAMIN	Bark		5.0	2.1636579972822734	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
4	TIN	Bark	2.6	16.0	0.4159231879939711	--
77	ZINC	Bark				--