

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Caulophyllum thalictroides*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(-)-ANAGYRINE	Root	92	92		Jim Duke's personal files.
0	(-)-BAPTIFOLINE	Root	77	77		Jim Duke's personal files.
0	ALKALOIDS	Root	2200	8100	-0.5255994224450892	
5	ALUMINUM	Root	84	762	0.0963761074584862	
11	ANAGYRINE	Root	120	120		
0	ARABINOSE	Plant	--	--		Jim Duke's personal files.
112	ASCORBIC-ACID	Root	5.7	51.5	-0.6165338909335701	
0	ASH	Root	16060	146000	2.239927008872031	
0	BAPTIFOLINE	Root	200	200		
0	BAPTIFOLINE	Plant	--	--		Jim Duke's personal files.
130	BERBERINE	Plant	--	--		Jim Duke's personal files.
53	BETA-CAROTENE	Root	2.6	24	-0.28296048074413105	
47	BETA-SITOSTEROL	Root	--	--		Jim Duke's personal files.
28	CALCIUM	Root	428	3890	-0.38471546130869305	
2	CAMPESTEROL	Root	--	--		Jim Duke's personal files.
0	CARBOHYDRATES	Root	81950	745000	-1.091412875939826	
4	CAULOPHYLLINE	Root	--	--		
4	CAULOPHYLLOSAPONIN	Root	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CAULOPHYLLUM-SAPONIN-1	Root	--	--		Jim Duke's personal files.
0	CAULOPHYLLUM-SAPONIN-2	Root	260	260		Jim Duke's personal files.
0	CAULOPHYLLUM-SAPONIN-3	Root	320	320		Jim Duke's personal files.
0	CAULOPHYLLUM-THALICTROIDES	Root	--	--		Jim Duke's personal files.
0	CAULOPHYLLUM-THALICTROIDES-GLYCOSIDE-G	Root	1000	1000		Jim Duke's personal files.
4	CAULOSAPONIN	Plant	--	--		Jim Duke's personal files.
4	CAULOSAPONIN	Root	1000	4545		
0	CEROTIC-ACID	Root	--	--		Jim Duke's personal files.
0	CEROTINIC-ACID	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
24	CHROMIUM	Root	0.1	1.2	-0.32076409255495114	
0	CITRULLOL	Root	--	--		
2	COBALT	Root	0.4	3.6	-0.4670704439008563	
5	DAUCOSTEROL	Root	17	17	-0.5199639896752772	Jim Duke's personal files.
0	EO	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	FAT	Root	660	6000	-0.5629181509888809	
15	FIBER	Root	112000	112000	0.5305148227834928	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	FIBER(CRUDE)	Root	--	112000	0.021418047859603124	
0	FIBER(DIETARY)	Root	--	360000	-0.41968027948872727	
7	GLUCOSE	Plant	--	--		Jim Duke's personal files.
0	GUM	Root	17600	160000	2.2142305438703644	
9	HEDERAGENIN	Root	--	--		
6	IRON	Root	18	164	-0.20339556520131555	
0	KILOCALORIES	Root	2950	2950	-0.9172350172485528	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	LEONTIN	Root	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
27	LINOLEIC-ACID	Root	--	--		Jim Duke's personal files.
65	MAGNESIUM	Root	143	1300	-0.6712744654562262	
11	MAGNOFLORINE	Root	--	--		
11	MAGNOFLORINE	Plant	--	--		Jim Duke's personal files.
14	MANGANESE	Root	3	23.7	-0.26287330775595724	
3	MANNOSE	Plant	--	--		Jim Duke's personal files.
0	N-METHYL-CYTISINE	Plant	--	--		Jim Duke's personal files.
0	N-METHYL-CYTISINE	Root	132	909		
39	NIACIN	Root	1.3	12	-1.1082507576903688	
18	OLEIC-ACID	Root	--	--		Jim Duke's personal files.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	PALMITIC-ACID	Root	--	--		Jim Duke's personal files.
4	PHOSPHORUS	Root	1716	15600	2.122965110017675	
2	PHYTOSTEROLS	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
14	POTASSIUM	Root	798	7250	-0.6245067608801337	
0	PROTEIN	Root	11330	103000	-0.17308245104966719	
0	RESIN	Root	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	RIBOFLAVIN	Root	1	7.9	0.8371709261422265	
0	SAPONIN	Root	1000	1000	-1.08456986557486	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
60	SELENIUM	Root	0.4	3.5	-0.11347477666728824	
4	SILICON	Root	0.7	6.3	-0.31396450061277076	
1	SODIUM	Root	3.2	29	-0.49926965191835376	
5	STARCH	Root	15400	140000	-0.7351408377108487	
8	STEARIC-ACID	Root	--	--		Jim Duke's personal files.
12	STIGMASTEROL	Root	--	--		Jim Duke's personal files.
31	THIAMIN	Root	9.3	9.3	0.23356106714725886	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	THIAMINE	Root	1	9.3	1.0226672821640592	

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4	TIN	Root	2.3	21	0.4588256824495934	
0	WATER	Root	--	890000	0.7903730976697912	
3	XYLOSE	Plant	--	--		Jim Duke's personal files.
77	ZINC	Root	--	--		