

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Ruscus aculeatus*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
5	ALUMINUM	Root	396.0	1310.0	0.3904092592664762	--
112	ASCORBIC-ACID	Root	77.0	256.0	-0.4996325933803395	--
53	BETA-CAROTENE	Root	4.0	13.0	-0.35329711139035286	--
47	BETA-SITOSTEROL	Root				--
28	CALCIUM	Root	2190.0	7250.0	-0.01673483329644233	--
2	CAMPESTEROL	Root				--
24	CHROMIUM	Root	0.8	2.5	-0.06165886683144246	--
6	CHRYSOPHANIC-ACID	Root				--
6	CHRYSOPHANIC-ACID	Plant				Lawrence Review of Natural Products, Sep-91.
2	COBALT	Root	4.0	12.8	-0.26738395146464233	--
15	FIBER	Root		108000.0	0.4416814727406353	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
4	GLYCOLIC-ACID	Root				--
4	GLYCOLIC-ACID	Rhizome				--
6	IRON	Root	50.0	164.0	-0.20339556520131555	--
22	ISOQUERCITRIN	Shoot				--
1	LIGNOCERIC-ACID	Root				--
65	MAGNESIUM	Root	707.0	2340.0	-0.11788559715647026	--
14	MANGANESE	Root	2.0	7.0	-0.4622868527944253	--
3	MUCILAGE	Root	30200.0	150000.0	0.018317587494466638	--
3	MUCILAGE	Plant	100000.0	150000.0	0.07592896712610823	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
4	NEORUSCOGENIN	Rhizome				--
4	NEORUSCOGENIN	Fruit				--
4	NEORUSCOGENIN	Root				--
39	NIACIN	Root	25.0	81.4	0.9031205142939536	--
4	PHOSPHORUS	Root	504.0	1670.0	-0.32466562924608017	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
14	POTASSIUM	Root	2821.0	9340.0	-0.4714697906632257	--
15	RIBOFLAVIN	Root	0.4	1.4	-0.5853034374311851	--
8	RUSCOGENIN	Plant				--
8	RUSCOGENIN	Rhizome				--
8	RUSCOGENIN	Leaf				--
8	RUSCOGENIN	Shoot	300.0	400.0		--
8	RUSCOGENIN	Root		500.0		--
8	RUSCOGENIN	Bulb		4600.0		--
8	RUSCOGENIN	Fruit				--
87	RUTIN	Plant	300.0	400.0	-0.675753113561928	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
87	RUTIN	Shoot				--
87	RUTIN	Root	91.0	400.0		--
5	SAPONINS	Plant				--
5	SAPONINS	Root	1208.0	4600.0	-0.9502385684870053	--
1	SCHAFTOSIDE	Shoot				--
60	SELENIUM	Root	0.4	1.4	-0.26286169402261483	--
4	SILICON	Root	7.0	22.4	-0.2400060575988713	--
1	SODIUM	Root	85.0	280.0	-0.3824002869842817	--
5	STARCH	Root	36240.0	120000.0	-0.818804895582863	--
12	STIGMASTEROL	Root				--
14	SUCROSE	Root		36000.0	-0.8957166035099636	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
31	THIAMIN	Root		8.3	0.14460344837966446	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
4	TIN	Root		21.0	0.4588256824495934	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
18	VITEXIN	Shoot				--
1	VITEXIN-2"-O-ALPHA-L-RHAMNOSIDE	Shoot				--
77	ZINC	Root	0.6	2.1	-0.9669709967498292	--
77	ZINC	Bark				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.