

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Ruscus aculeatus*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
39	NIACIN	Root	25.0	81.4	0.9031205142939536	--
4	TIN	Root		21.0	0.4588256824495934	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
15	FIBER	Root		108000.0	0.4416814727406353	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
5	ALUMINUM	Root	396.0	1310.0	0.3904092592664762	--
31	THIAMIN	Root		8.3	0.14460344837966446	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	FIBER(DIETARY)	Root		410000.0	0.12637212876798118	--
3	MUCILAGE	Plant	100000.0	150000.0	0.07592896712610823	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
3	MUCILAGE	Root	30200.0	150000.0	0.018317587494466638	--
28	CALCIUM	Root	2190.0	7250.0	-0.01673483329644233	--
24	CHROMIUM	Root	0.8	2.5	-0.06165886683144246	--
0	FAT	Root	6040.0	20000.0	-0.09603792277020924	--
0	FIBER(CRUDE)	Root		108000.0	-0.09689116888867916	--
65	MAGNESIUM	Root	707.0	2340.0	-0.11788559715647026	--
0	ASH	Root	19026.0	63000.0	-0.13017850342957962	--
6	IRON	Root	50.0	164.0	-0.20339556520131555	--
0	SUGARS	Root	24160.0	80000.0	-0.231158975572398	--
4	SILICON	Root	7.0	22.4	-0.2400060575988713	--
60	SELENIUM	Root	0.4	1.4	-0.26286169402261483	--
2	COBALT	Root	4.0	12.8	-0.26738395146464233	--
0	WATER	Plant		698000.0	-0.3122209874871182	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
4	PHOSPHORUS	Root	504.0	1670.0	-0.32466562924608017	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
53	BETA-CAROTENE	Root	4.0	13.0	-0.35329711139035286	--
1	SODIUM	Root	85.0	280.0	-0.3824002869842817	--
0	PROTEIN	Root	25368.0	84000.0	-0.3864431578686748	--
14	MANGANESE	Root	2.0	7.0	-0.4622868527944253	--
0	WATER	Root		698000.0	-0.46631642813155516	--
14	POTASSIUM	Root	2821.0	9340.0	-0.4714697906632257	--
112	ASCORBIC-ACID	Root	77.0	256.0	-0.4996325933803395	--
0	EO	Plant	1000.0	3000.0	-0.5121339088100166	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	EO	Root	302.0	3000.0	-0.5134844766142346	--
15	RIBOFLAVIN	Root	0.4	1.4	-0.5853034374311851	--
87	RUTIN	Plant	300.0	400.0	-0.675753113561928	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	THIAMINE	Root	0.2	0.5	-0.7667886415563157	--
5	STARCH	Root	36240.0	120000.0	-0.818804895582863	--
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.
0	KILOCALORIES	Root		2950.0	-0.9172350172485528	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
5	SAPONINS	Root	1208.0	4600.0	-0.9502385684870053	--
77	ZINC	Root	0.6	2.1	-0.9669709967498292	--
0	SAPONIN	Plant	4000.0	4600.0	-1.0009469528825339	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
8	RUSCOGENIN	Rhizome				--
12	STIGMASTEROL	Root				--
4	NEORUSCOGENIN	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ORIENTIN-O-BETA-D-GLUCOSIDE	Shoot				--
0	RUSCODIBENZOFURAN	Root				--
0	EURAPONE	Plant				--
0	ISORUSCOGENIN	Rhizome				--
0	OCTACOSANOIC-ACID	Root				--
5	SAPONINS	Plant				--
4	GLYCOLIC-ACID	Rhizome				--
87	RUTIN	Root	91.0	400.0		--
8	RUSCOGENIN	Leaf				--
0	RUSCOSIDE	Plant				--
0	NICOTIFLORIN	Shoot				--
4	NEORUSCOGENIN	Root				--
0	TETRACOSANOIC-ACID	Root				Lawrence Review of Natural Products, Sep-91.
77	ZINC	Bark				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	DEGLYCORUSCOSIDE	Plant				--
8	RUSCOGENIN	Shoot	300.0	400.0		--
0	RUSCONIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
1	LIGNOCERIC-ACID	Root				--
0	SITOSTEROL	Root				Lawrence Review of Natural Products, Sep-91.
0	STEROID SAPONINS	Root				--
8	RUSCOGENIN	Root		500.0		--
8	RUSCOGENIN	Plant				--
0	HEXACOSANOIC-ACID	Root				--
0	DEGLUCONEORUSCIN	Plant				--
6	CHRYSOPHANIC-ACID	Plant				Lawrence Review of Natural Products, Sep-91.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
47	BETA-SITOSTEROL	Root				--
8	RUSCOGENIN	Bulb		4600.0		--
0	RUSCODIBENZOFURAN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
2	CAMPESTEROL	Root				--
4	NEORUSCOGENIN	Rhizome				--
0	ISOSCHAFTOSIDE	Shoot				--
8	RUSCOGENIN	Fruit				--
0	RUSCIN	Plant				--
0	BEHNIC ACID	Root				--
0	VITEXIN-2'-O-BETA-D- GLUCOSIDE	Shoot				--
1	SCHAFTOSIDE	Shoot				--
0	DEGLUCO-RUSCIN	Plant				--
0	ACULEOSIDE A	Bulb		50.0		--
1	VITEXIN-2''-O-ALPHA-L- RHAMNOSIDE	Shoot				--
87	RUTIN	Shoot				--
0	DEGLUCO- DERHAMNORUSCIN	Plant				--
0	RESIN	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	EURAPONE	Root				--
4	GLYCOLIC-ACID	Root				--
18	VITEXIN	Shoot				--
0	DEGLUCORUSCOSIDE	Plant				--
22	ISOQUERCITRIN	Shoot				--
6	CHRYSOPHANIC-ACID	Root				--
0	TRICOSANOIC-ACID	Root				--

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0	DEGLUCORUSCOSIDE	Shoot				--
0	PENTACOSANOIC-ACID	Root				--