

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Juniperus virginiana*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	3-CARENE	Leaf				--
0	4-TERPINENOL	Leaf				--
3	ALPHA-CEDRENE	Wood	5250.0	15750.0		--
0	ALPHA-EUDESOL	Leaf				--
28	ALPHA-PINENE	Leaf				--
0	ALPHA-THUJENE	Leaf				--
5	ALUMINUM	Shoot	57.0	8800.0	0.7527322069042197	--
0	ASH	Shoot	38000.0	88000.0	-0.33748812550044127	--
0	BARIUM	Shoot	4.0	880.0	-0.12901570153253544	--
13	BETA-EUDESOL	Leaf				--
4	BORON	Shoot	4.0	44.0	-0.6297344957962479	--
4	CADINENE	Leaf				--
3	CADMIUM	Shoot	0.0	1.0	-0.4727222635506007	--
28	CALCIUM	Shoot	7980.0	31680.0	1.2362101822434388	--
1	CEDRENE	Wood	12000.0	36000.0	1.0	--
0	CEDRENOL	Wood				--
3	CEDROL	Wood	450.0	6300.0	1.0	--
24	CHROMIUM	Shoot	0.08	2.64	0.048120877476802486	--
15	CITRONELLOL	Leaf				--
2	COBALT	Shoot	0.0	1.32	-0.7472616518945201	--
12	COPPER	Shoot	0.8	17.6	-0.5479345093835976	--
1	CUPARENE	Wood	300.0	900.0	1.0	--
0	CYMENE	Leaf				--
16	ELEMICIN	Leaf				--
2	ELEMOL	Leaf				--
0	ELEMOL-ACETATE	Leaf				--
0	EO	Wood	15000.0	45000.0	0.01758335216434249	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	EO	Leaf		2000.0	-0.8386994921548646	--
12	ESTRAGOLE	Leaf				--
0	FLUORINE	Shoot	0.0	0.264	0.19479962847506854	--
0	GAMMA-EUDES MOL	Leaf				--
11	GAMMA-TERPINENE	Leaf				--
12	IODINE	Shoot	3.0	10.0	1.6977493752543311	--
6	IRON	Shoot	11.0	1320.0	1.099447942842067	--
0	LEAD	Shoot	0.7	132.0	1.5240820675707922	--
60	LIMONENE	Leaf				--
0	LINALOL	Leaf				--
11	LITHIUM	Shoot	0.152	0.352	-0.7865800469434869	--
0	M-METHYL-P-VINYLANISOLE	Leaf				--
65	MAGNESIUM	Shoot	266.0	8800.0	0.1803297587087861	--
14	MANGANESE	Shoot	11.0	2640.0	1.0359744375034974	--
1	MERCURY	Shoot	0.0	0.025	0.7071067811865476	--
20	METHYL-EUGENOL	Leaf				--
2	MOLYBDENUM	Shoot	0.0	2.64	-0.8769297484130852	--
22	MYRCENE	Leaf				--
3	NICKEL	Shoot	0.0	17.6	-0.19313446622823202	--
4	PHOSPHORUS	Shoot	228.0	3168.0	-0.10003531197260028	--
26	PODOPHYLLOTOXIN	Leaf				--
0	PODOPHYLLOTOXIN-BETA-D-GLUCOSIDE	Plant				--
14	POTASSIUM	Shoot	1368.0	14080.0	-0.686263452090833	--
0	PSEUDOCEDROL	Wood				--
1	RHODOXANTHIN	Leaf				--
5	SABINENE	Leaf				--
29	SAFROLE	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
60	SELENIUM	Shoot	0.01	0.04	-0.9669702593883122	--
3	SILVER	Plant				--
1	SODIUM	Shoot	3.8	422.0	0.041260294072004496	--
0	STRONTIUM	Shoot	7.0	440.0	-0.18907057786470927	--
35	TANNIN	Bark	21000.0	86000.0	-0.4818720884442271	--
9	TERPINOLENE	Leaf				--
2	THUJOPSENE	Wood	4500.0	13500.0	1.0	--
0	TITANIUM	Shoot	2.7	128.0	0.4133700789735652	--
16	VANADIUM	Shoot	0.19	2.64	1.4451022768515593	--
2	WIDDROL	Wood	300.0	900.0	1.0	--
77	ZINC	Shoot	7.0	317.0	0.060923562831513706	--
0	ZIRCONIUM	Shoot	0.8	8.8	1.4130835473605536	--