

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Juniperus virginiana*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	3-CARENE	Leaf	--	--		
0	4-TERPINENOL	Leaf	--	--		
3	ALPHA-CEDRENE	Wood	5250	15750		
0	ALPHA-EUDESOL	Leaf	--	--		
28	ALPHA-PINENE	Leaf	--	--		
0	ALPHA-THUJENE	Leaf	--	--		
5	ALUMINUM	Shoot	57	8800	0.7527322069042197	
0	ASH	Shoot	38000	88000	-0.33748812550044127	
0	BARIUM	Shoot	4	880	-0.12901570153253544	
13	BETA-EUDESOL	Leaf	--	--		
4	BORON	Shoot	4	44	-0.6297344957962479	
4	CADINENE	Leaf	--	--		
3	CADMIUM	Shoot	--	1	-0.4727222635506007	
28	CALCIUM	Shoot	7980	31680	1.2362101822434388	
1	CEDRENE	Wood	12000	36000	1	
0	CEDRENOL	Wood	--	--		
3	CEDROL	Wood	450	6300	1	
24	CHROMIUM	Shoot	0.08	2.64	0.048120877476802486	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	CITRONELLOL	Leaf	--	--		
2	COBALT	Shoot	--	1.32	-0.7472616518945201	
12	COPPER	Shoot	0.8	17.6	-0.5479345093835976	
1	CUPARENE	Wood	300	900	1	
0	CYMENE	Leaf	--	--		
16	ELEMICIN	Leaf	--	--		
2	ELEMOL	Leaf	--	--		
0	ELEMOL-ACETATE	Leaf	--	--		
0	EO	Leaf	2000	2000	-0.8386994921548646	
0	EO	Wood	15000	45000	0.01758335216434249	
12	ESTRAGOLE	Leaf	--	--		
0	FLUORINE	Shoot	--	0.264	0.19479962847506854	
0	GAMMA-EUDESOL	Leaf	--	--		
11	GAMMA-TERPINENE	Leaf	--	--		
12	IODINE	Shoot	3	10	1.6977493752543311	
6	IRON	Shoot	11	1320	1.099447942842067	
0	LEAD	Shoot	0.7	132	1.5240820675707922	
60	LIMONENE	Leaf	--	--		
0	LINALOL	Leaf	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
11	LITHIUM	Shoot	0.152	0.352	-0.7865800469434869	
0	M-METHYL-P-VINYLANISOLE	Leaf	--	--		
65	MAGNESIUM	Shoot	266	8800	0.1803297587087861	
14	MANGANESE	Shoot	11	2640	1.0359744375034974	
1	MERCURY	Shoot	--	0.025	0.7071067811865476	
20	METHYL-EUGENOL	Leaf	--	--		
2	MOLYBDENUM	Shoot	--	2.64	-0.8769297484130852	
22	MYRCENE	Leaf	--	--		
3	NICKEL	Shoot	--	17.6	-0.19313446622823202	
4	PHOSPHORUS	Shoot	228	3168	-0.10003531197260028	
26	PODOPHYLLOTOXIN	Leaf	--	--		
0	PODOPHYLLOTOXIN-BETA-D-GLUCOSIDE	Plant	--	--		
14	POTASSIUM	Shoot	1368	14080	-0.686263452090833	
0	PSEUDOCEDROL	Wood	--	--		
1	RHODOXANTHIN	Leaf	--	--		
5	SABINENE	Leaf	--	--		
29	SAFROLE	Leaf	--	--		
60	SELENIUM	Shoot	0.01	0.04	-0.9669702593883122	
3	SILVER	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	SODIUM	Shoot	3.8	422	0.041260294072004496	
0	STRONTIUM	Shoot	7	440	-0.18907057786470927	
35	TANNIN	Bark	21000	86000	-0.4818720884442271	
9	TERPINOLENE	Leaf	--	--		
2	THUJOPSENE	Wood	4500	13500	1	
0	TITANIUM	Shoot	2.7	128	0.4133700789735652	
16	VANADIUM	Shoot	0.19	2.64	1.4451022768515593	
2	WIDDROL	Wood	300	900	1	
77	ZINC	Shoot	7	317	0.060923562831513706	
0	ZIRCONIUM	Shoot	0.8	8.8	1.4130835473605536	