

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Artemisia capillaris*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
67	1,8-CINEOLE	Essential Oil				--
0	1-(2'-METHOXYPHENYL)-2,4-HEXADIYNE	Essential Oil				--
0	3,5-DIMETHOXYALLYL-BENZENE	Essential Oil				--
0	4'-METHYLCAPILLARISIN	Plant				--
0	5-PHENYL-1,3-PENTADIYNE	Leaf				--
0	5-PHENYL-1,3-PENTADIYNE	Stem				--
0	5-PHENYL-1,3-PENTADIYNE	Seed				--
0	5-PHENYL-1,3-PENTADIYNE	Root				--
3	6,7-DIMETHYLESCULETIN	Plant				--
0	6-DEMETHOXY-4'-METHYLCAPILLARISIN	Plant				--
0	6-DEMETHOXYCAPILLARISIN	Plant				--
1	7-METHYLCAPILLARISIN	Plant				--
0	ACETYLBORNEOL	Plant				--
1	AESCULETIN-6,7-DIMETHYL-ETHER	Plant				--
0	AESCULETIN-DIMETHYL-ETHER	Leaf				--
0	AESCULETIN-DIMETHYL-ETHER	Fruit				--
0	ALPHA-BERGAMOTENE	Essential Oil				--
0	ALPHA-COPAENE	Essential Oil				--
2	ALPHA-HUMULENE	Essential Oil				--
28	ALPHA-PINENE	Essential Oil				--
13	ALPHA-TERPINENE	Essential Oil				--
23	ALPHA-TERPINEOL	Essential Oil				--
1	ARCAPILLIN	Plant				--
2	ARSENIC	Plant		0.16	-0.44305148987388165	--
10	AZULENE	Essential Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
6	BETA-BISABOLENE	Essential Oil				--
0	BETA-CARYOPHYLLENE	Essential Oil				--
0	BETA-COPAENE	Plant				--
5	BETA-ELEMENE	Essential Oil				--
0	BETA-GURJUNENE	Essential Oil				--
13	BETA-PINENE	Essential Oil				--
6	BUTYRIC-ACID	Essential Oil				--
102	CAFFEIC-ACID	Plant				--
28	CALCIUM	Plant		15200.0	0.17228119832763905	--
9	CAMPHENE	Essential Oil				--
0	CAPILLANOL	Essential Oil				--
2	CAPILLARIN	Essential Oil				--
4	CAPILLARISIN	Plant				--
0	CAPILLARTEMISINS	Plant				--
0	CAPILLENE	Essential Oil				--
5	CAPILLIN	Essential Oil				--
0	CAPILLONE	Essential Oil				--
3	CAPRIC-ACID	Essential Oil				--
1	CAPROIC-ACID	Essential Oil				--
5	CAPRYLIC-ACID	Essential Oil				--
0	CAR-3-ENE	Plant				--
0	CHROMONE	Plant				--
10	CIRSILINEOL	Plant				--
0	CIRSIMARITRIN	Plant				--
12	COPPER	Plant		8.0	-0.666293583807107	--
57	COUMARIN	Plant				--
0	DEHYDROFALCARINOL	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	DEHYDROFALCARINONE	Plant				--
0	EO	Plant	1000.0	2300.0	-0.565332667561397	--
30	ESCULETIN	Plant				--
1	ESCULETIN-6,7-DIMETHYL-ETHER	Plant				--
76	EUGENOL	Essential Oil				--
2	EUPATOLITIN	Plant				--
11	GAMMA-TERPINENE	Essential Oil				--
3	GENKWANIN	Plant				--
0	HEPTANOIC-ACID	Essential Oil				--
6	IRON	Plant		200.0	-0.5027757133230009	--
7	LAURIC-ACID	Essential Oil				--
27	LINOLEIC-ACID	Essential Oil				--
8	M-CRESOL	Essential Oil				--
65	MAGNESIUM	Plant		1000.0	-0.9518817322004346	--
14	MANGANESE	Plant		37.0	-0.4297190494591039	--
1	MERCURY	Plant		0.05	-0.5015252885658961	--
20	METHYL-EUGENOL	Plant				--
22	MYRCENE	Essential Oil				--
6	MYRISTIC-ACID	Essential Oil				--
0	NEOCAPILLENE	Root				--
2	NONANOIC-ACID	Essential Oil				--
0	NORCAPILLENE	Plant		10.0		--
6	O-CRESOL	Essential Oil				--
0	O-ETHYLPHENOL	Essential Oil				--
18	OLEIC-ACID	Essential Oil				--
8	P-CRESOL	Essential Oil				--
0	P-CYMEN-8-OL	Essential Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
16	P-CYMENE	Essential Oil				--
0	P-ETHYL-PHENOL	Essential Oil				--
13	PALMITIC-ACID	Essential Oil				--
1	PENTADECANOIC-ACID	Essential Oil				--
26	PHENOL	Essential Oil				--
14	POTASSIUM	Plant		22000.0	0.014141021122539324	--
7	RHAMNOCITRIN	Plant				--
5	SABINENE	Essential Oil				--
44	SCOPOLETIN	Bud				--
1	SODIUM	Plant		1010.0	-0.24816820293680328	--
8	STEARIC-ACID	Essential Oil				--
9	TERPINOLENE	Essential Oil				--
2	TRIDECANOIC-ACID	Essential Oil				--
0	UNDECANOIC-ACID	Essential Oil				--
77	ZINC	Plant		22.0	-0.2973055462924508	--