

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Pteridium aquilinum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	2,4,6-TRIMETHYL-3-OXO-5-INDANACETIC-ACID	Plant				--
4	20-HYDROXYECDYSONE	Leaf				--
1	5-O-CAFFEYOYLSHIKIMIC-ACID	Leaf				--
0	ACETYLPTEROSINS	Leaf				--
0	ALPHA-ECDYSONE	Leaf				--
0	ANEURINASE	Plant				--
2	AQUILIDE-A	Plant				--
0	ARABINOSE	Plant				--
0	ASH	Rhizome	83000.0	92222.0	-0.2727852331304965	--
0	ASH	Leaf	6000.0	68965.0	-0.8789422745347224	--
20	BENZOIC-ACID	Plant				--
0	BENZOYLPTEROSINS	Rhizome				--
53	BETA-CAROTENE	Leaf		1.0	-1.1335842016278823	--
102	CAFFEIC-ACID	Plant				--
0	CAOUTCHOUC	Plant				--
0	CARBOHYDRATES	Rhizome	510000.0	566666.0	-1.189938997542645	--
0	CARBOHYDRATES	Leaf	56000.0	643678.0	0.2531184840641141	--
0	CATECHOL-TANNIN	Rhizome		66000.0		--
10	CHICORIC-ACID	Plant				--
14	CICHORIC-ACID	Plant				--
18	CINNAMIC-ACID	Plant				--
0	D-CAFFEYL-TARTARIC-ACID	Plant				--
0	EO	Rhizome		1800.0	-0.6526613210376304	--
0	FAT	Rhizome	12000.0	13333.0	-0.7084853571400457	--
0	FAT	Leaf	1000.0	11494.0	-0.8960699936907885	--
61	FERULIC-ACID	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
15	FIBER	Rhizome	200000.0	222222.0	0.4903670041338416	--
15	FIBER	Leaf	14000.0	160919.0	-0.007616560678118061	--
0	FUCOSE	Plant				--
7	FUMARIC-ACID	Leaf				--
1	GALACTOSE	Plant				--
0	GALACTURONIC-ACID	Plant				--
7	GLUCOSE	Plant				--
4	GLUCURONIC-ACID	Plant				--
9	HCN	Plant				--
9	HCN	Leaf		560.0	-0.7921399563933038	--
12	IODINE	Leaf		0.9	0.15355665409775973	--
0	ISOCROTONYLPTEROSINS	Leaf				--
22	ISOQUERCITRIN	Plant				--
0	KAEMPFEROL-3-0-GLUCOSIDE	Plant				--
4	KAEMPFEROL-3-RHAMNOGLUCOSIDE	Plant				--
3	MANNOSE	Plant				--
25	P-COUMARIC-ACID	Plant				--
25	P-COUMARIC-ACID	Leaf				--
0	PALMITYLPTEROSINS	Leaf				--
0	PETROSIDE-A	Rhizome				--
0	PHENYLACETYLPTEROSINS	Leaf				--
0	PHENYLALANINE-AMMONIA-LYASE	Plant				--
0	PONASTEROSIDE-A	Plant				--
11	PROCYANIDIN	Plant				--
1	PRODELPHINIDIN	Plant				--
0	PROTEIN	Rhizome	95000.0	105555.0	-0.3924958859957942	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	PROTEIN	Leaf	10000.0	114942.0	-0.9667015478060468	--
43	PROTOCATECHUIC-ACID	Plant				--
2	PRUNASIN	Leaf		1580.0	-0.628331199193236	--
1	PTAQUILOSIDE	Plant				--
0	PTERAQUILIN	Rhizome				--
2	PTERIDINE	Plant				--
0	PTEROLACTAM	Plant				--
0	PTEROSIDE-A	Leaf				--
0	PTEROSIDES	Plant				--
0	PTEROSINS	Plant				--
176	QUERCETIN	Plant				--
0	RHAMNOSE	Plant				--
87	RUTIN	Plant				--
14	SHIKIMIC-ACID	Plant				--
5	STARCH	Rhizome		450000.0	0.09931223512836002	--
7	SUCCINIC-ACID	Plant				--
0	SUGARS	Rhizome	67000.0	213000.0		--
0	SULPHOQUINOVOSE	Plant				--
35	TANNIN	Plant				--
0	THIAMINASE-I	Plant				--
3	TILIROSIDE	Plant				--
24	VANILLIC-ACID	Plant				--
0	WATER	Leaf		913000.0	0.5256507118647903	--
3	XYLOSE	Plant				--