

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Parthenium integrifolium*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	6-HYDROXY-KUMATAKENIN	Leaf				--
112	ASCORBIC-ACID	Root				--
0	ISOKAEMPFERIDE	Leaf				--
4	SILICON	Root				--
0	5-HYDROXY-3,3',4',7-TETRAMETHOXY-FLAVONE	Leaf				--
0	EPOXYECHINADIOL-CINNAMATE	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	ECHINAXANTHOL-CINNAMATE	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	ECHINADIOL-CINNAMATE	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	TETRANEURIN-E	Plant				--
2	COBALT	Root				--
0	DIHYDROXYNARDOL-CINNAMATE	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	TETRANEURIN-C	Plant				--
39	NIACIN	Root				--
7	RHAMNOCITRIN	Leaf				--
0	3,3',7-TRI-O-METHYL-QUERCETAGETIN	Leaf				--
14	MANGANESE	Root	0.2	1.0	-0.5339324378381862	--
15	RIBOFLAVIN	Root	0.3	2.0	-0.45399811156287	--
0	THIAMINE	Root	0.3	2.0	-0.46176774546761545	--
60	SELENIUM	Root	0.4	2.5	-0.18461140397934853	--
24	CHROMIUM	Root	0.5	3.2	0.07785933163506226	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
77	ZINC	Root	0.6	3.7	-0.8968946838926584	--
6	IRON	Root	1.0	6.0	-0.43293646211879744	--
53	BETA-CAROTENE	Root	7.0	42.0	-0.16786417605031356	--
1	SODIUM	Root	32.0	200.0	-0.4196494869632688	--
4	PHOSPHORUS	Root	96.0	600.0	-0.5126745948607405	--
65	MAGNESIUM	Root	320.0	2000.0	-0.29880118871600586	--
28	CALCIUM	Root	1424.0	8900.0	0.16396993938814508	--
14	POTASSIUM	Root	1632.0	10200.0	-0.40849764023904345	--
0	RUBBER	Plant		10500.0	-0.36791183185934523	--
0	FAT	Root	3200.0	20000.0	-0.09603792277020924	--
0	ASH	Root	11040.0	69000.0	0.041154425170536774	--
0	PROTEIN	Root	12800.0	80000.0	-0.4313612014095185	--
0	GUM	Root	14400.0	90000.0	-0.6755279625367215	--
0	FIBER(CRUDE)	Root		105000.0	-0.18562308144989087	--
5	STARCH	Root	19200.0	120000.0	-0.818804895582863	--
19	INULIN	Root	24000.0	150000.0	-0.6265506228549269	--
0	FIBER(DIETARY)	Root		330000.0	-0.7473117244427523	--
0	WATER	Root		840000.0	0.4631102003256906	--