

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Cyperus rotundus*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
67	1,8-CINEOLE	Root				--
0	4ALPHA,5ALPHA- OXIDOEUEDESM-11-EN-3- ALPHA-OL	Rhizome				--
0	ALKALOIDS	Root	2100.0	2400.0	-0.8041759745866138	--
4	ALPHA-CYPERONE	Root	1500.0	5000.0		--
0	ALPHA-ROTUNOL	Root				--
2	ARSENIC	Rhizome		0.29	-0.02045813862501304	--
112	ASCORBIC-ACID	Root		90.0	-0.5945255781912748	--
0	BETA-CYPERONE	Rhizome				--
13	BETA-PINENE	Root				--
0	BETA-ROTUNOL	Root				--
3	BETA-SELINENE	Root				--
28	CALCIUM	Rhizome		3180.0	-0.8154626963450835	--
9	CAMPHENE	Root				--
1	COPAENE	Root				--
12	COPPER	Rhizome		10.0	-0.12058216844617241	--
2	CYPERENE	Essential Oil				--
0	CYPERENONE	Essential Oil				--
0	CYPEROL	Essential Oil				--
0	CYPEROLONE	Rhizome				--
0	CYPEROTUNDONE	Essential Oil				--
0	D-COPADIENE	Root				--
0	D-EPOXYGUAIENE	Root				--
0	D-FRUCTOSE	Root				--
1	D-GLUCOSE	Root				--
0	EO	Root	5000.0	10000.0	-0.18376615270174232	--
0	FLAVONOIDS	Root		12500.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	GAMMA-CYMENE	Root				--
6	IRON	Rhizome		430.0	0.2148585447906852	--
0	ISOCYPEROL	Rhizome				--
0	ISOKOBUSONE	Rhizome				--
0	KOBUSONE	Rhizome				--
60	LIMONENE	Essential Oil				--
27	LINOLEIC-ACID	Rhizome				--
0	LINOLENIC-ACID	Rhizome				--
65	MAGNESIUM	Rhizome		1500.0	-0.14799672643748585	--
14	MANGANESE	Rhizome		28.0	-0.6509776359073924	--
0	MUSTAKONE	Root				--
6	MYRISTIC-ACID	Rhizome				--
64	OLEANOLIC-ACID	Tuber				--
0	OLEANOLIC-ACID-3-O-NEOHESPERIDOSIDE	Tuber				--
18	OLEIC-ACID	Rhizome				--
0	P-CYMOL	Root				--
0	PATCHOULENONE	Rhizome				--
24	PECTIN	Root		37200.0	-0.9015177321410264	--
30	POLYPHENOLS	Root		16200.0	-1.0	--
14	POTASSIUM	Rhizome		10100.0	-0.31776858626276344	--
0	RESIN	Root		42100.0	0.6735167045095913	--
0	ROTUNDENE	Root				--
0	ROTUNDENOL	Root				--
0	ROTUNDONE	Root				--
0	SELINATRIENE	Root				--
0	SITOSTEROL	Root				--
1	SODIUM	Rhizome		254.0	-0.3365925356271893	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
5	STARCH	Root		92000.0	-0.9359345766036831	--
8	STEARIC-ACID	Rhizome				--
0	SUGARS	Root	132200.0	144000.0	0.3883076921987381	--
0	SUGENOL	Rhizome				--
0	SUGEONOL	Rhizome				--
0	SUGETRIOL	Rhizome				--
77	ZINC	Rhizome		33.0	-0.3146567506186579	--