

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**Chemicals Found in *Cyperus rotundus***

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
67	1,8-CINEOLE	Root	--	--		
0	4ALPHA,5ALPHA-OXIDOEUEDESM-11-EN-3-ALPHA-OL	Rhizome	--	--		
0	ALKALOIDS	Root	2100	2400	-0.8041759745866138	
4	ALPHA-CYPERONE	Root	1500	5000		
0	ALPHA-ROTUNOL	Root	--	--		
2	ARSENIC	Rhizome	0.29	0.29	-0.02045813862501304	
112	ASCORBIC-ACID	Root	90	90	-0.5945255781912748	
0	BETA-CYPERONE	Rhizome	--	--		
13	BETA-PINENE	Root	--	--		
0	BETA-ROTUNOL	Root	--	--		
3	BETA-SELINENE	Root	--	--		
28	CALCIUM	Rhizome	3180	3180	-0.8154626963450835	
9	CAMPHENE	Root	--	--		
1	COPAENE	Root	--	--		
12	COPPER	Rhizome	10	10	-0.12058216844617241	
2	CYPERENE	Essential Oil	--	--		
0	CYPERENONE	Essential Oil	--	--		
0	CYPEROL	Essential Oil	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	10000	-0.18376615270174232	
0	FLAVONOIDS	Root	12500	12500		
0	GAMMA-CYMENE	Root	--	--		
6	IRON	Rhizome	430	430	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	1500	-0.14799672643748585	
14	MANGANESE	Rhizome	28	28	-0.6509776359073924	
0	MUSTAKONE	Root	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	37200	-0.9015177321410264	
30	POLYPHENOLS	Root	16200	16200	-1	
14	POTASSIUM	Rhizome	10100	10100	-0.31776858626276344	
0	RESIN	Root	42100	42100	0.6735167045095913	
0	ROTUNDENE	Root	--	--		
0	ROTUNDENOL	Root	--	--		
0	ROTUNDONE	Root	--	--		
0	SELINATRIENE	Root	--	--		
0	SITOSTEROL	Root	--	--		
1	SODIUM	Rhizome	254	254	-0.3365925356271893	
5	STARCH	Root	92000	92000	-0.9359345766036831	
8	STEARIC-ACID	Rhizome	--	--		
0	SUGARS	Root	132200	144000	0.3883076921987381	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	SUGENOL	Rhizome	--	--		
0	SUGEONOL	Rhizome	--	--		
0	SUGETRIOL	Rhizome	--	--		
77	ZINC	Rhizome	33	33	-0.3146567506186579	