

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in Mimosa pudica

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
112	ASCORBIC-ACID	Leaf	180	2570	-0.20545684548551912	
0	ASH	Leaf	5000	71000	-0.8430880728240518	
0	ASH	Seed	36000	54000	0.18407167746881994	
53	BETA-CAROTENE	Leaf	65	930	2.9121611060622468	
28	CALCIUM	Leaf	350	23800	0.36642881915355097	
0	CARBOHYDRATES	Leaf	51000	689000	0.6135469053267343	
10	CROCETIN	Plant	--	--		
0	CROCETIN-DIMETHYL-ETHER	Leaf	--	--		
0	D-GLUCURONIC-ACID	Seed	--	--		
0	D-XYLOSE	Seed	--	--		
0	FAT	Leaf	--	32000	-0.4874512829773246	
0	FAT	Seed	24000	170000	-0.5024405631299633	
15	FIBER	Leaf	82000	327000	2.0461654543292402	
6	IRON	Leaf	14	14	-0.8850918153859053	
0	KILOCALORIES	Leaf	220	3140	0.1965208441686055	
27	LINOLEIC-ACID	Seed	12240	86700	-0.17497940820167032	
0	LINOLENIC-ACID	Seed	100	680	-0.5679910390292401	
6	MIMOSINE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	MUCILAGE	Seed	--	--		
0	NOREPINEPHRINE	Plant	--	--		
18	OLEIC-ACID	Seed	7440	52700	-0.5458752687807673	
13	PALMITIC-ACID	Seed	2090	14790	-0.3944353601576196	
4	PHOSPHORUS	Leaf	530	1700	-0.6019050321936278	
14	POTASSIUM	Leaf	11400	11400	-0.8365280844738241	
0	PROTEIN	Leaf	14000	219000	0.0713775457043346	
0	PROTEIN	Seed	116000	304000	0.6245003364479587	
15	RIBOFLAVIN	Leaf	0.5	7	-0.14504912390571878	
0	SITOSTEROL	Seed	--	--		
8	STEARIC-ACID	Seed	2135	15130	-0.2371204172298496	
35	TANNIN	Root	100000	100000	0.7334775263353299	
31	THIAMIN	Leaf	1.2	17	1.8121416088410889	
0	WATER	Leaf	749000	930000	0.6104634048816244	