

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Tephrosia purpurea*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ASH	Leaf	77000	99600	-0.3391911839173297	
47	BETA-SITOSTEROL	Plant	--	--		
22	BETULINIC-ACID	Plant	30	30	-0.636878999985126	Jim Duke's personal files.
28	CALCIUM	Leaf	16500	16500	-0.13236299217371572	
0	CARBOHYDRATES	Leaf	654000	748000	1.0827511958367426	
0	FAT	Leaf	24000	27000	-0.5870852219984559	
0	FAT	Seed	91000	91000	-0.9185618213660952	
15	FIBER	Leaf	279000	280000	1.4649565580355892	
0	ISOTEPHROSIN	Root	--	--		
21	LUPEOL	Plant	--	--		
65	MAGNESIUM	Leaf	10300	10300	2.384090875926575	
0	NITROGEN	Leaf	72500	72500	1.4357063358078408	
4	PHOSPHORUS	Leaf	2600	5200	0.04204938728768902	
14	POTASSIUM	Leaf	33800	33800	0.1526058368199336	
0	PROTEIN	Leaf	147000	244000	0.32077670134599157	
0	PROTEIN	Seed	358000	358000	1.1048583018621319	
0	ROTENOIDS	Leaf	6500	8000	-1	
0	ROTENOIDS	Root	7000	9500	1	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ROTENOIDS	Seed	16000	18000	1.0932427776306435	
0	ROTENOIDS	Stem	4000	6500	-1	
13	ROTENONE	Root	7000	7000		
87	RUTIN	Leaf	--	--		
0	SILICA	Leaf	21900	21900	0.4433689652725741	
1	SODIUM	Leaf	8700	8700	0.8978949539083592	
4	TEPHROSIN	Root	--	--		