

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in Ipomoea aquatica

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	ALANINE	Leaf	1090	14475	0.4369970524450292	
14	ARGININE	Leaf	1480	19655	0.02919337302813411	
112	ASCORBIC-ACID	Leaf	320	7300	0.2334268819663063	
0	ASH	Leaf	13000	212500	1.649968213200465	
3	ASPARTIC-ACID	Leaf	6500	86320	3.742383369038316	
53	BETA-CAROTENE	Leaf	28	500	1.0395341068084734	
28	CALCIUM	Leaf	276	12665	-0.394399512233999	
0	CARBOHYDRATES	Leaf	31400	600000	-0.09423583798497304	
12	COPPER	Leaf	2.6	19	-0.23824503635463365	
2	CYSTINE	Leaf	280	3720	0.6777842909349676	
0	FAT	Leaf	2000	156000	1.9834704047467322	
15	FIBER	Leaf	11000	182000	0.25307417852967884	
8	GLUTAMIC-ACID	Leaf	2520	33465	-0.24108814565268047	
12	GLYCINE	Leaf	990	13150	0.7260818498988622	
0	GLYCOLIPIDS	Plant	7921	59335	1.4983485655918485	
0	HENTRIACONTANE	Leaf	--	--		
7	HISTIDINE	Leaf	470	6240	0.43344910864348096	
12	IODINE	Leaf	0.15	1.5	1.0370332941122695	

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6	IRON	Leaf	11	540	0.4481801222613983	
3	ISOLEUCINE	Leaf	1040	13810	0.44979050170072704	
0	KILOCALORIES	Leaf	190	4400	2.2275306471605636	
2	LEUCINE	Leaf	1460	19390	0.44294104770076353	
0	LYCINE	Leaf	1090	14475		
65	MAGNESIUM	Leaf	510	3810	-0.1219193634701567	
15	METHIONINE	Leaf	440	5845	2.2923149568098555	
39	NIACIN	Leaf	7	120	0.2736714020936937	
24	PECTIN	Plant	7600	7600	-0.6379483284231947	
7	PHENYLALANINE	Leaf	1270	16865	1.7005142242511544	
4	PHOSPHORUS	Leaf	420	12360	1.3593961425694687	
14	POTASSIUM	Leaf	1500	49200	0.8326354077093917	
0	PROLINE	Leaf	880	11685	0.06377752586829968	
0	PROTEIN	Leaf	26000	360000	1.47798878352328	
15	RIBOFLAVIN	Leaf	1	16	-0.10286175335084834	
1	SERINE	Leaf	1220	16200	1.235030408847616	
0	SITOSTEROL	Leaf	--	--		
1	SODIUM	Leaf	440	15000	2.0168182976414655	
0	TARAXANTHIN	Leaf	--	--		

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31	THIAMIN	Leaf	0.3	9	0.144911649453059	
4	THREONINE	Leaf	1400	18590	2.9505679249976584	
93	TOCOPHEROL	Leaf	118	1180	1.6826342693359901	
8	TYROSINE	Leaf	800	10625	0.7266688470762532	
3	VALINE	Leaf	1350	17930	1.4682357096438339	
0	WATER	Leaf	850000	929350	0.6072205666192161	
77	ZINC	Leaf	12.3	92	0.037837501275688946	