

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Ipomoea aquatica

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
3	ASPARTIC-ACID	Leaf	6500.0	86320.0	3.742383369038316	--
4	THREONINE	Leaf	1400.0	18590.0	2.9505679249976584	--
15	METHIONINE	Leaf	440.0	5845.0	2.2923149568098555	--
0	KILOCALORIES	Leaf	190.0	4400.0	2.2275306471605636	--
1	SODIUM	Leaf	440.0	15000.0	2.0168182976414655	--
0	FAT	Leaf	2000.0	156000.0	1.9834704047467322	--
7	PHENYLALANINE	Leaf	1270.0	16865.0	1.7005142242511544	--
93	TOCOPHEROL	Leaf	118.0	1180.0	1.6826342693359901	--
0	ASH	Leaf	13000.0	212500.0	1.649968213200465	--
0	GLYCOLIPIDS	Plant	7921.0	59335.0	1.4983485655918485	--
0	PROTEIN	Leaf	26000.0	360000.0	1.47798878352328	--
3	VALINE	Leaf	1350.0	17930.0	1.4682357096438339	--
4	PHOSPHORUS	Leaf	420.0	12360.0	1.3593961425694687	--
1	SERINE	Leaf	1220.0	16200.0	1.235030408847616	--
53	BETA-CAROTENE	Leaf	28.0	500.0	1.0395341068084734	--
12	IODINE	Leaf	0.15	1.5	1.0370332941122695	--
14	POTASSIUM	Leaf	1500.0	49200.0	0.8326354077093917	--
8	TYROSINE	Leaf	800.0	10625.0	0.7266688470762532	--
12	GLYCINE	Leaf	990.0	13150.0	0.7260818498988622	--
2	CYSTINE	Leaf	280.0	3720.0	0.6777842909349676	--
0	WATER	Leaf	850000.0	929350.0	0.6072205666192161	--
3	ISOLEUCINE	Leaf	1040.0	13810.0	0.44979050170072704	--
6	IRON	Leaf	11.0	540.0	0.4481801222613983	--
2	LEUCINE	Leaf	1460.0	19390.0	0.44294104770076353	--
3	ALANINE	Leaf	1090.0	14475.0	0.4369970524450292	--
7	HISTIDINE	Leaf	470.0	6240.0	0.43344910864348096	--
39	NIACIN	Leaf	7.0	120.0	0.2736714020936937	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
15	FIBER	Leaf	11000.0	182000.0	0.25307417852967884	--
112	ASCORBIC-ACID	Leaf	320.0	7300.0	0.2334268819663063	--
31	THIAMIN	Leaf	0.3	9.0	0.144911649453059	--
0	PROLINE	Leaf	880.0	11685.0	0.06377752586829968	--
77	ZINC	Leaf	12.3	92.0	0.037837501275688946	--
14	ARGININE	Leaf	1480.0	19655.0	0.02919337302813411	--
0	CARBOHYDRATES	Leaf	31400.0	600000.0	-0.09423583798497304	--
15	RIBOFLAVIN	Leaf	1.0	16.0	-0.10286175335084834	--
65	MAGNESIUM	Leaf	510.0	3810.0	-0.1219193634701567	--
12	COPPER	Leaf	2.6	19.0	-0.23824503635463365	--
8	GLUTAMIC-ACID	Leaf	2520.0	33465.0	-0.24108814565268047	--
28	CALCIUM	Leaf	276.0	12665.0	-0.394399512233999	--
24	PECTIN	Plant		7600.0	-0.6379483284231947	--
0	HENTRIACONTANE	Leaf				--
0	TARAXANTHIN	Leaf				--
0	SITOSTEROL	Leaf				--
0	LYCINE	Leaf	1090.0	14475.0		--