

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Amaranthus sp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
6	IRON	Leaf	23.0	1527.0	2.9499660584931258	--
28	CALCIUM	Leaf	1559.0	53333.0	2.384349170376588	--
14	POTASSIUM	Leaf	2630.0	73503.0	1.9058015545487752	--
7	PHENYLALANINE	Leaf	1330.0	16000.0	1.477269122311953	--
12	GLYCINE	Leaf	1320.0	15880.0	1.45111293011625	--
0	PROTEIN	Leaf	22850.0	342000.0	1.298421391461287	--
53	BETA-CAROTENE	Leaf	0.0	508.0	1.0743736788876133	--
2	LEUCINE	Leaf	1950.0	23458.0	1.069400910117208	--
3	VALINE	Leaf	1370.0	16481.0	1.0620053474962283	--
15	METHIONINE	Leaf	360.0	4331.0	1.0339871648720063	--
65	MAGNESIUM	Leaf	550.0	6616.0	0.9615728910363504	--
3	ALANINE	Leaf	1390.0	16722.0	0.9596300492652641	--
4	PHOSPHORUS	Leaf	487.0	10082.0	0.9402738089756288	--
29	TRYPTOPHAN	Leaf	310.0	3729.0	0.7387978215356238	--
4	THREONINE	Leaf	990.0	11910.0	0.7109788764338875	--
1	SERINE	Leaf	1110.0	13353.0	0.5894411778310612	--
3	ISOLEUCINE	Leaf	1190.0	14316.0	0.5801421591237328	--
4	LYSINE	Leaf	1270.0	15278.0	0.5489119816189648	--
0	WATER	Leaf		916000.0	0.5406176576912903	--
2	CYSTINE	Leaf	290.0	3489.0	0.4830807825673511	--
0	PROLINE	Leaf	1210.0	14556.0	0.4796108569081685	--
8	TYROSINE	Leaf	800.0	9624.0	0.44874419518214737	--
7	HISTIDINE	Leaf	520.0	6256.0	0.4414788035666947	--
39	NIACIN	Leaf	6.0	118.0	0.2493442235425089	--
112	ASCORBIC-ACID	Leaf	345.0	6263.0	0.13720649605350654	--
77	ZINC	Leaf	9.0	108.0	0.136029778251821	--
3	ASPARTIC-ACID	Leaf	2290.0	27549.0	0.03264038550956568	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
15	FOLACIN	Leaf	1.0	10.0	0.017346611881194008	--
15	RIBOFLAVIN	Leaf	1.0	26.0	-0.05598689717877004	--
0	FAT	Leaf	2410.0	53000.0	-0.06898873908857305	--
8	GLUTAMIC-ACID	Leaf	2920.0	35128.0	-0.15116995229832328	--
1	SODIUM	Leaf	110.0	2406.0	-0.2199627485450012	--
12	COPPER	Leaf	1.0	19.0	-0.23824503635463365	--
31	THIAMIN	Leaf	1.0	7.0	-0.2718958403939485	--
14	ARGININE	Leaf	1210.0	14556.0	-0.32006542232731827	--
15	FIBER	Leaf	8830.0	135000.0	-0.328134717763972	--
0	CARBOHYDRATES	Leaf	40300.0	540000.0	-0.5713927435883712	--
87	RUTIN	Plant				--