

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Secium edule*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
112	ASCORBIC-ACID	Shoot	330.0	4460.0	-0.1551708112009148	--
112	ASCORBIC-ACID	Fruit	110.0	1570.0	-0.1868711268885758	--
77	ZINC	Leaf	0.5	73.0	-0.07876582763346765	--
65	MAGNESIUM	Leaf	670.0	3785.0	-0.13157271570203932	--
65	MAGNESIUM	Fruit	140.0	2000.0	-0.060075695576469294	--
53	BETA-CAROTENE	Shoot	12.0	164.0	0.02393111593804544	--
39	NIACIN	Shoot	8.0	110.0	0.026896308324385245	--
39	NIACIN	Fruit	5.0	70.0	0.12435008354111225	--
31	THIAMIN	Shoot	0.3	4.0	-0.853559191701139	--
31	THIAMIN	Plant				--
29	TRYPTOPHAN	Fruit	120.0	1715.0	1.2133545456738055	--
28	CALCIUM	Shoot	660.0	8920.0	-0.42477111001734913	--
28	CALCIUM	Leaf	592.0	3345.0	-1.0312131672436051	--
28	CALCIUM	Fruit	190.0	2715.0	-0.26336367743945416	--
22	GABA	Fruit				--
15	RIBOFLAVIN	Shoot	0.8	11.0	-0.7235008637851053	--
15	FIBER	Fruit	7000.0	100000.0	-0.39327836686010154	--
15	RIBOFLAVIN	Fruit	0.4	5.7	0.14792503727695389	--
15	METHIONINE	Fruit	10.0	145.0	-1.0017935473767665	--
15	FIBER	Shoot	8000.0	108100.0	-0.7794547352525444	--
14	POTASSIUM	Shoot	3100.0	41890.0	1.266142652117299	--
14	POTASSIUM	Fruit	1500.0	21430.0	0.31085144991656927	--
14	ARGININE	Fruit	380.0	5430.0	0.29880945624005906	--
12	COPPER	Leaf	1.8	10.0	-0.4859212623327392	--
12	GLYCINE	Fruit	450.0	6430.0	1.0929785640414	--
9	OXALIC-ACID	Fruit		340.0	-0.28760062636271105	--
8	TYROSINE	Fruit	350.0	5000.0	1.0696133056017336	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
8	GLUTAMIC-ACID	Fruit	1370.0	19570.0	0.49278911111027475	--
7	PHENYLALANINE	Fruit	520.0	7430.0	1.4233757526296436	--
7	HISTIDINE	Fruit	160.0	2285.0	0.40131420395644557	--
6	IRON	Shoot	3.0	40.0	-0.6147679959449659	--
6	IRON	Leaf	46.0	262.0	-0.256476909422918	--
6	IRON	Fruit	4.0	57.0	-0.30138454539939624	--
5	CITRULLINE	Plant				--
4	THREONINE	Fruit	440.0	6285.0	1.358192135777012	--
4	PHOSPHORUS	Shoot	470.0	6350.0	1.342740269656019	--
4	PHOSPHORUS	Fruit	260.0	3715.0	0.15156777868477836	--
4	LYSINE	Fruit	430.0	6145.0	0.5258944882549557	--
3	ASPARTIC-ACID	Fruit	1010.0	14430.0	0.561164359957125	--
3	ISOLEUCINE	Fruit	480.0	6855.0	0.9662685220386757	--
3	VALINE	Fruit	690.0	9860.0	1.1156133906137475	--
3	ALANINE	Fruit	560.0	8000.0	1.6870731974503679	--
2	LEUCINE	Fruit	840.0	12000.0	1.4666141865184734	--
1	SODIUM	Shoot	14.0	190.0	-1.0223383975618894	--
1	SODIUM	Fruit	40.0	570.0	-0.1298983266113147	--
1	SERINE	Fruit	510.0	7285.0	1.285814457929103	--
0	WATER	Leaf		823000.0	0.07664233706978575	--
0	KILOCALORIES	Fruit	240.0	3430.0	-0.3501686653175938	--
0	PEROXIDASE	Leaf				--
0	WATER	Fruit	925000.0	930000.0	0.6931916201344491	--
0	FAT	Shoot	22000.0	297300.0	4.740221793665376	--
0	ASH	Shoot	8000.0	108100.0	0.1279528503601956	--
0	FAT	Leaf	23200.0	131100.0	1.4872933884214983	--
0	PROTEIN	Leaf	26900.0	152000.0	-0.5970121914153058	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	ASH	Leaf	21600.0	122000.0	0.05546931648513796	--
0	FAT	Fruit	1000.0	42860.0	-0.31389085732547234	--
0	PROTEIN	Fruit	7000.0	128570.0	0.25566121436256506	--
0	ASH	Fruit	4000.0	57145.0	0.012461871710564358	--
0	PROLINE	Fruit	480.0	6855.0	0.7818096958649071	--
0	GLYCOLIPIDS	Leaf	7145.0	40365.0		--
0	CARBOHYDRATES	Fruit	54000.0	771430.0	-0.061238006159749545	--
0	M-CARBOXYPHENYLALANINE	Plant				--
0	ALPHA-AMINO-UREIDOBUTYRIC-ACID	Plant				--
0	PHOSPHOLIPIDS	Leaf	6728.0	38010.0	1.0	--
0	WATER	Shoot		926000.0	1.044633718353655	--