

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Allium ampeloprasum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
77	ZINC	Plant				--
3	VALINE	Plant				--
22	UMBELLIFERONE	Plant				--
8	TYROSINE	Plant				--
29	TRYPTOPHAN	Plant				--
4	THREONINE	Plant				--
31	THIAMIN	Root	1.1	8.0	0.11791616274938575	--
31	THIAMIN	Leaf	0.9	8.5	0.040709776991307144	--
31	THIAMIN	Flower	1.4	8.3	0.8756075364489447	--
14	SULFUR	Leaf	600.0	700.0	-0.9714371042032756	--
14	SUCROSE	Plant				--
8	STEARIC-ACID	Plant				--
1	STACHYOSE	Plant				--
1	SODIUM	Leaf	50.0	472.0	-0.563454454383069	--
9	SINAPIC-ACID	Plant				--
1	SERINE	Plant				--
44	SCOPOLETIN	Plant				--
5	SAPONINS	Plant				--
3	RIBONUCLEIC-ACID	Plant				--
15	RIBOFLAVIN	Leaf	0.6	9.4	-0.13379915842441997	--
15	RIBOFLAVIN	Flower	1.9	11.2	1.171289093809103	--
1	RAFFINOSE	Plant				--
2	QUERCETIN-3'-GLUCOSIDE	Plant				--
14	POTASSIUM	Leaf	3160.0	29811.0	-0.02353948514617351	--
30	POLYPHENOLS	Plant				--
4	PHOSPHORUS	Root	500.0	3650.0	0.02323881179787081	--
4	PHOSPHORUS	Leaf	480.0	4528.0	-0.08158986125272383	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
4	PHOSPHORUS	Flower	380.0	2249.0	-0.614081916695989	--
7	PHENYLALANINE	Plant				--
13	PALMITIC-ACID	Plant				--
25	P-COUMARIC-ACID	Plant				--
9	OXALIC-ACID	Plant				--
2	ODORIN	Plant				--
11	NICOTINIC-ACID	Plant				--
39	NIACIN	Leaf	5.0	57.0	-0.49263472226862703	--
39	NIACIN	Flower	9.0	53.0	-0.40857249469813267	--
15	METHIONINE	Plant				--
18	MANNITOL	Plant				--
2	MALTOSE	Plant				--
4	LYSINE	Plant				--
27	LINOLEIC-ACID	Plant				--
1	LIGNOCERIC-ACID	Plant				--
13	LIGNIN	Plant				--
2	LEUCINE	Plant				--
3	ISOLEUCINE	Plant				--
4	ISOCHLOROGENIC-ACID	Plant				--
6	IRON	Root	11.0	80.0	-0.32542996609415403	--
6	IRON	Leaf	11.0	255.0	-0.2742200720912281	--
6	IRON	Flower	9.0	53.0	-0.7544988871341379	--
7	HISTIDINE	Plant				--
5	GLUTAMINE	Plant				--
8	GLUTAMIC-ACID	Plant				--
7	GLUCOSE	Plant				--
1	GALACTOSE	Plant				--

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8	FRUCTOSE	Plant				--
15	FOLACIN	Plant				--
15	FIBER	Leaf	10000.0	94000.0	-0.83514673367971	--
15	FIBER	Flower	11000.0	65000.0	-0.8143354323077572	--
61	FERULIC-ACID	Plant				--
30	ESCULETIN	Plant				--
2	DIMETHYL-DISULFIDE	Plant				--
25	DIALLYL-SULFIDE	Plant				--
1	DEOXYRIBONUCLEIC-ACID	Plant				--
3	CYCLOALLIIN	Plant				--
77	CHLOROGENIC-ACID	Plant				--
1	CELLULOSE	Plant				--
1	CATALASE	Plant				--
28	CALCIUM	Root	520.0	3796.0	-0.39501015744951196	--
28	CALCIUM	Leaf	520.0	5472.0	-0.8858802655048249	--
28	CALCIUM	Flower	230.0	1361.0	-1.2199068284592132	--
102	CAFFEIC-ACID	Plant				--
47	BETA-SITOSTEROL	Plant				--
53	BETA-CAROTENE	Root	0.2	1.8	-0.4249125898665059	--
53	BETA-CAROTENE	Leaf	0.2	230.0	-0.13630145086250064	--
53	BETA-CAROTENE	Flower	25.0	151.0	1.7145235700805992	--
3	ASPARTIC-ACID	Plant				--
2	ASPARAGINE	Plant				--
112	ASCORBIC-ACID	Root	170.0	1241.0	0.06343722613033131	--
112	ASCORBIC-ACID	Leaf	170.0	3019.0	-0.163795366917682	--
112	ASCORBIC-ACID	Flower	400.0	2367.0	-0.10607508542239547	--
14	ARGININE	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
32	ALPHA-TOCOPHEROL	Plant				--
7	ALLYL-SULFIDE	Plant				--
21	ALLIIN	Plant				--
3	ALANINE	Plant				--