

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Asimina triloba*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
3	ALANINE	Fruit	523.0	5331.0	0.6380811499267729	--
14	ARGININE	Fruit	240.0	2336.0	-0.526476223238861	--
112	ASCORBIC-ACID	Fruit	76.0	893.0	-0.22896495096636463	--
9	ASIMICIN	Seed				--
3	ASPARTIC-ACID	Fruit	424.0	5167.0	-0.6557719563301444	--
53	BETA-CAROTENE	Fruit	0.4	2.5	-0.14596817417369995	--
6	BUTYRIC-ACID	Fruit	0.0	0.001		--
102	CAFFEIC-ACID	Leaf				--
28	CALCIUM	Fruit	530.0	3248.0	-0.14036839849814203	--
15	CITRONELLOL	Fruit	0.0	0.024	-0.5736794143737701	--
2	COREXIMINE	Plant				--
7	CYANIDIN	Plant				--
3	DECANOIC-ACID	Fruit	0.01	0.662	-0.7061996528286495	--
1	DODECANOIC-ACID	Fruit	0.012	0.135	-1.0	--
6	ETHYL-ACETATE	Fruit	0.008	0.143	-0.7075920565486513	--
15	FIBER	Fruit	14000.0	150000.0	0.07854566798930948	--
8	FRUCTOSE	Fruit	13000.0	119658.0	1.0109504148307933	--
35	GERANIOL	Fruit	0.0	1.305	-0.603926004906536	--
7	GLUCOSE	Fruit	18000.0	170940.0	0.9191705141521567	--
8	GLUTAMIC-ACID	Fruit	622.0	7332.0	-0.4595880826721499	--
12	GLYCINE	Fruit	389.0	3501.0	-0.040069970656347695	--
2	HEXANOIC-ACID	Fruit	0.0	0.001	-1.0000000000000002	--
7	HISTIDINE	Fruit	124.0	1336.0	-0.2640486033446176	--
1	HYDROXYPROLINE	Fruit	70.0	836.0		--
6	IRON	Fruit	68.0	308.0	0.6942648051317489	--
5	ISOCORYDINE	Plant				--
3	ISOLEUCINE	Fruit	373.0	4166.0	0.1586407726262807	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
2	LEUCINE	Fruit	466.0	5002.0	-0.0210781212221325	--
1	LEUCOCYANIDIN	Leaf				--
60	LIMONENE	Fruit	0.027	0.548	-0.7501252174987437	--
27	LINOLEIC-ACID	Fruit	480.0	6018.0	-0.27049501927066294	--
11	LIRIODENINE	Plant				--
4	LYSINE	Fruit	339.0	3831.0	-0.07341676491377869	--
65	MAGNESIUM	Fruit	1090.0	5128.0	1.3883700405292987	--
14	MANGANESE	Fruit	25.0	111.0	0.32838203012565764	--
15	METHIONINE	Fruit	70.0	836.0	-0.1508748960377144	--
6	MYRISTIC-ACID	Fruit	306.0	4956.0	-0.035340472319039085	--
5	OCTANOIC-ACID	Fruit	0.0	0.001	-0.7703792105204762	--
18	OLEIC-ACID	Fruit	1392.0	24780.0	-0.2897574004700958	--
13	PALMITIC-ACID	Fruit	1080.0	14396.0	-0.14142033551855346	--
7	PHENYLALANINE	Fruit	294.0	3001.0	-0.1126376726592986	--
4	PHOSPHORUS	Fruit	420.0	2265.0	-0.2888549144842815	--
14	POTASSIUM	Fruit	3140.0	15726.0	-0.1938021077872532	--
176	QUERCETIN	Leaf				--
2	QUERCETIN-3'-GLUCOSIDE	Plant				--
1	SERINE	Fruit	354.0	3666.0	0.008120190151666495	--
8	STEARIC-ACID	Fruit	102.0	2124.0	-0.1383619701693744	--
14	SUCROSE	Fruit	60000.0	545000.0	3.117372769253386	--
14	SULFUR	Fruit	620.0	3333.0	1.3351919287177112	--
4	THREONINE	Fruit	254.0	2812.0	-0.08550692158346714	--
1	TOLUENE	Fruit	0.001	0.024	-0.707096704817931	--
29	TRYPTOPHAN	Fruit	35.0	536.0	-0.44130941651112776	--
8	TYROSINE	Fruit	140.0	1501.0	-0.3802814000381016	--
3	VALINE	Fruit	334.0	3661.0	-0.1634114676097814	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
77	ZINC	Fruit	9.0	38.0	0.23161469458267334	--