

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Asclepias syriaca*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	11-OCTADECENOIC-ACID	Seed	13650.0	47700.0		--
0	9,12-HEXADECADIENOIC-ACID	Seed	1820.0	6360.0		--
0	9-HEXADECENOIC-ACID	Seed	9100.0	31800.0		--
10	ALPHA-AMYRIN	Sprout Seedling				--
0	ASCLEPIADIN	Sprout Seedling				--
0	ASH	Seed	37000.0	42000.0	-0.17685988210238743	--
0	ASH	Latex Exudate		12300.0		--
9	BETA-AMYRIN	Sprout Seedling				--
4	BETA-AMYRIN-ACETATE	Latex Exudate				--
47	BETA-SITOSTEROL	Sprout Seedling				--
0	CAOUTCHOUC	Latex Exudate	1000.0	15000.0	-0.8835607044478357	--
0	CAOUTCHOUC	Plant		16000.0	0.6302725643402561	--
18	CINNAMIC-ACID	Plant				--
0	CINNAMIC-ACID-CARDENOLIDE-ESTER	Seed				--
1	CONDURANGIN	Seed				--
0	CYMAROSE	Seed				--
1	DESGLUZARIN	Seed				--
0	FAT	Seed	91000.0	318000.0	0.27712837635038495	--
7	GLUCOSE	Seed				--
27	LINOLEIC-ACID	Seed	48230.0	168540.0	0.5262338367408347	--
0	LINOLENIC-ACID	Seed	910.0	3180.0	-0.5243472340264697	--
21	NICOTINE	Sprout Seedling				--
18	OLEIC-ACID	Seed	13650.0	47700.0	-0.5869782045152164	--
13	PALMITIC-ACID	Seed	3640.0	12720.0	-0.4371461767272317	--
30	POLYPHENOLS	Plant		72000.0	-1.0	--
0	PROTEIN	Seed	176000.0	372000.0	1.2293955521546953	--
0	RHAMNOSE	Seed				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	SYRIOBIOSIDE	Seed				--
0	SYRIOGENIN	Seed				--
35	TANNIN	Sprout Seedling				--
2	UZARIGENIN	Seed				--
0	XYSMALOGENIN	Seed				--