

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Phytolacca americana*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	3-ACETYLALEURITOLIC-ACID	Seed				--
0	3-ACETYLOLEANOLIC-ACID	Seed				--
0	3-OXO-3-CARBOMETHOXY-24-NOROLEAN-12-EN-29-OIC-ACID	Plant				--
0	ALKALOIDS	Fruit		22000.0	2.733979152101922	--
2	ALPHA-SPINASTEROL	Fruit				--
2	AMERICANIN	Seed				--
3	ANTHOCYANIN	Fruit		93000.0		--
112	ASCORBIC-ACID	Shoot	1360.0	16184.0	0.4125472323055765	--
7	ASTRAGALIN	Leaf				--
53	BETA-CAROTENE	Shoot	52.0	621.0	2.1099158539709246	--
5	BETANIN	Shoot				--
0	CAFFEIC-ALDEHYDE	Plant				--
28	CALCIUM	Shoot	530.0	6307.0	-0.6154628550383262	--
4	CALCIUM-OXALATE	Plant				--
0	CARBOHYDRATES	Shoot	37000.0	441000.0	-0.8621034131692937	--
31	CARYOPHYLLENE	Fruit				--
0	ESCULENTIC-ACID	Fruit				--
0	FAT	Shoot	4000.0	48000.0	0.02777188689541282	--
8	FRUCTOSE	Fruit		14000.0	-0.7155748635055977	--
7	GLUCOSE	Fruit		46000.0	-0.4068874252682447	--
0	GUM	Root				--
0	HEMICELLULOSE	Root				--
6	IRON	Shoot	17.0	202.0	-0.39781254119223214	--
0	ISOBETANINE	Fruit				--
0	ISOPREBETANINE	Fruit				--
22	ISOQUERCITRIN	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
2	JALIGONIC-ACID	Root				--
39	NIACIN	Shoot	12.0	143.0	0.4389861751515776	--
64	OLEANOLIC-ACID	Root				--
0	OXYMYRISTIC-ACID	Root				--
0	PAP(=POKEWEED-ANTIVIRAL-PROTEIN)	Plant				--
4	PHOSPHORUS	Shoot	440.0	5238.0	0.8385396264218817	--
0	PHYTOLACCAGENIC-ACID	Root				--
0	PHYTOLACCAGENIN	Root				--
0	PHYTOLACCANIN	Plant				--
0	PHYTOLACCASAPONINS	Plant				--
0	PHYTOLACCASIDE	Plant				--
3	PHYTOLACCATOXIN	Plant				--
0	PHYTOLACCIN	Plant				--
0	PHYTOLACCINIC-ACID	Plant				--
0	PHYTOLACCOGENIC-ACID	Plant				--
0	POKEBERRYGENIN	Plant				--
0	POKEWEED-ANTIVIRAL-PROTEIN	Plant				--
0	PREBETANINE	Fruit				--
0	PROTEIN	Shoot	26000.0	311000.0	0.9025475630834293	--
0	QUERCETIN-3-L-ARABINO-7-D-GLUCOSIDE	Fruit				--
0	RESIN	Root				--
15	RIBOFLAVIN	Shoot	3.0	39.0	1.9983066084198973	--
5	STARCH	Root				--
35	TANNIN	Root				--
31	THIAMIN	Shoot	1.0	10.0	-0.2968901536351788	--
0	WATER	Shoot		916000.0	0.8291818612978041	--
3	XYLOSE	Root				--