

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Diospyros virginiana*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
2	(E)-2-HEXENAL	Fruit				--
5	ALUMINUM	Stem	4.0	378.0	-0.6174306750381806	--
112	ASCORBIC-ACID	Fruit	660.0	1855.0	-0.1691506839607031	--
0	ASH	Stem	22000.0	54000.0	-0.5075180916997535	--
0	ASH	Leaf		50000.0	-1.2130822919513653	--
0	ASH	Fruit	9000.0	25280.0	-0.8126933740216246	--
0	BARIUM	Stem	3.0	1080.0	0.3551622078104018	--
0	BARIUM	Leaf	1.0	910.0	1.4130816358434708	--
0	BENZOTHIAZOLE	Fruit				--
35	BORNEOL	Fruit				--
12	BORNYL-ACETATE	Fruit				--
4	BORON	Stem	1.0	38.0	0.46837837209848127	--
4	BORON	Leaf	4.0	50.0	-0.30659202636599053	--
28	CALCIUM	Leaf	1150.0	12500.0	-0.40567357372290297	--
28	CALCIUM	Fruit	270.0	758.0	-0.7149617278862607	--
28	CALCIUM	Stem	2640.0	17820.0	-0.10029470119182099	--
0	CARBOHYDRATES	Fruit	335000.0	941000.0	0.8455399268222071	--
24	CHROMIUM	Stem	0.0	2.7	-0.3918934156283009	--
24	CHROMIUM	Leaf	0.0	1.0	-0.5613457205769528	--
2	COBALT	Stem	0.0	54.0	1.668646694884476	--
2	COBALT	Leaf	0.0	100.0	0.2954881893911974	--
12	COPPER	Stem	0.2	108.0	0.20449988832459973	--
12	COPPER	Leaf	1.0	7.5	-0.554720213993324	--
9	DELPHINIDIN	Plant				--
0	FAT	Fruit	4000.0	11230.0	-0.5554782531105626	--
0	FAT	Seed		26000.0	-1.2609400718135455	--
15	FIBER	Fruit	15000.0	42135.0	-0.9393203223913249	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	GALLIUM	Leaf	0.0	0.25	-1.1271519258821554	--
6	IRON	Stem	3.0	1620.0	0.8380155251982907	--
6	IRON	Leaf	15.0	500.0	0.3467906212996262	--
6	IRON	Fruit	25.0	70.0	-0.2498170491567473	--
75	KAEMPFEROL	Plant				--
0	KILOCALORIES	Fruit	1270.0	3567.0	-0.14208932899212093	--
0	LANTHANUM	Stem	0.7	16.2	-0.1489557736290213	--
0	LANTHANUM	Leaf	1.5	15.0	-0.5802964317964908	--
0	LEAD	Leaf	0.5	35.0	0.12626601827727563	--
0	LEAD	Stem	0.2	81.0	0.24297386294193962	--
65	MAGNESIUM	Stem	660.0	5400.0	0.26836564768874727	--
65	MAGNESIUM	Leaf	1500.0	5000.0	0.3375802027674566	--
14	MANGANESE	Stem	22.0	1080.0	-0.29871671814575645	--
14	MANGANESE	Leaf	25.0	1500.0	2.0338018090962695	--
0	MOLBDENUM	Leaf	0.0	1.0	-1.0	--
2	MOLYBDENUM	Stem	0.0	1.08	-0.3956711063689107	--
34	MYRICETIN	Plant				--
0	NEODYMIUM	Stem	1.5	37.8	1.351065633829466	--
0	NEODYMIUM	Leaf	3.5	15.0	-0.8904169781875997	--
5	NERYL-ACETATE	Fruit				--
3	NICKEL	Stem	0.1	8.0	-0.10761845956150089	--
3	NICKEL	Leaf	0.3	16.0	-0.08087015217240737	--
13	PALMITIC-ACID	Fruit				--
2	PHENYL-ACETALDEHYDE	Fruit				--
0	PHENYLETHYL-ACETATE	Fruit				--
4	PHOSPHORUS	Stem	132.0	2592.0	0.06306530160500212	--
4	PHOSPHORUS	Leaf	450.0	1500.0	-0.6387024275925601	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
4	PHOSPHORUS	Fruit	260.0	730.0	-0.7550954896667	--
14	POTASSIUM	Stem	1716.0	16200.0	0.09811468203229219	--
14	POTASSIUM	Leaf	7500.0	16000.0	-0.633402368493856	--
14	POTASSIUM	Fruit	3100.0	8710.0	-0.8145330616529647	--
0	PROTEIN	Fruit	8000.0	22470.0	-1.166655422322205	--
0	PROTEIN	Seed		100000.0	-1.190185310672251	--
176	QUERCETIN	Plant				--
1	SODIUM	Fruit	10.0	28.0	-0.1812955779031377	--
0	STRONTIUM	Stem	6.6	378.0	-0.213467828894846	--
0	STRONTIUM	Leaf	7.0	1000.0	1.4616863265937068	--
0	TITANIUM	Stem	0.0	162.0	1.3331724435457684	--
0	TITANIUM	Leaf	0.2	50.0	-0.4788053783798016	--
16	VANADIUM	Stem	0.11	1.08	-0.8402103827584798	--
16	VANADIUM	Leaf	0.25	1.5	-0.781324537834455	--
0	WATER	Fruit		644000.0	-0.5503631505105849	--
0	YTTERBIUM	Leaf	0.1	1.0	-0.5083158684175239	--
0	YTTERBIUM	Stem	0.04	0.38	-0.45188716589657707	--
0	YTTRIUM	Stem	0.1	16.2	1.6675480931953979	--
0	YTTRIUM	Leaf	0.2	15.0	-0.1420468538031468	--
77	ZINC	Stem	9.0	162.0	0.6780864911725766	--
77	ZINC	Leaf	5.0	25.0	-0.37334265856186327	--
0	ZIRCONIUM	Stem	0.4	1.6	-0.568448547180419	--
0	ZIRCONIUM	Leaf	1.0	3.5	-0.5552686985157645	--