

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Hyoscyamus niger*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	FAT	Seed	250000.0	389000.0	0.6511107729929847	--
27	LINOLEIC-ACID	Seed	141000.0	219396.0	0.9619730936420571	--
18	OLEIC-ACID	Seed	88000.0	136928.0	0.14652834542746918	--
13	PALMITIC-ACID	Seed	16250.0	25285.0	-0.17788945682521423	--
8	STEARIC-ACID	Seed	4000.0	6224.0	-0.43035037511466556	--
6	MYRISTIC-ACID	Seed	750.0	1167.0	-0.280726178330212	--
0	ALKALOIDS	Seed	600.0	100.0	-0.8112080142662688	--
0	ALKALOIDS	Leaf	300.0	1700.0	-0.49541809872497533	--
41	SCOPOLAMINE	Seed				--
20	CHOLINE	Plant				--
0	HYOSCYPICRIN	Leaf				--
0	SCOPINE	Leaf				--
77	CHLOROGENIC-ACID	Leaf				--
27	HYOSCYAMINE	Shoot				--
28	CALCIUM	Seed		7420.0	0.6012192415894938	--
0	SCOPETOL	Leaf				--
27	HYOSCYAMINE	Leaf				--
0	BIMETHYLAMINE	Leaf				--
87	RUTIN	Leaf				--
3	MUCILAGE	Plant				--
77	ZINC	Seed		48.0	0.08142163294753811	--
0	GUM	Seed		62000.0	-0.337157955441029	--
0	ATROSCINE	Seed				--
0	RESIN	Seed				--
0	METHYL-PYRROLINE	Leaf				--
1	TROPINE	Leaf				--
22	GABA	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
51	ATROPINE	Seed				--
0	QUERCETIN-7-GLUCOSIDO-3-RHAMNOGALACTOSIDE	Leaf				--
0	METHYL-PYROLLIDINE	Leaf				--
1	TRIMETHYLAMINE	Leaf				--
51	ATROPINE	Leaf				--
3	PYRIDINE	Leaf				--
14	MANGANESE	Seed		166.0	1.4011187949470836	--
0	TETRAMETHYLPUTRESCINE	Leaf				--
30	ESCULETIN	Plant				--
0	PROTEIN	Seed		212000.0	-0.19388730833174384	--
2	ARSENIC	Seed		0.29	2.5129489672254346	--
65	MAGNESIUM	Seed		5250.0	0.9102542446893895	--
0	CUSCOHYGRINE	Leaf				--
0	POTASSIUM-NITRATE	Leaf				--
2	APOATROPINE	Leaf				--
1	SODIUM	Seed		327.0	-0.19663068181165294	--
57	COUMARIN	Plant				--
14	POTASSIUM	Seed		5680.0	-0.6059355609756366	--
0	KAEMPFEROL-3-DIGLYCOSIDE	Leaf				--
0	SCOPOLINE	Leaf				--
12	COPPER	Seed		26.0	1.0145818147623382	--
2	PHYTOSTEROLS	Seed				--
0	ALKALOIDS	Root		1600.0	-0.8432744380450734	--
6	IRON	Seed		180.0	0.13570418938452208	--