

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Vigna mungo*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
12	ALLANTOIN	Seed				--
0	ALLANTOINASE	Seed				--
2	ARSENIC	Seed		0.162	1.0259123095216214	--
112	ASCORBIC-ACID	Sprout Seedling		426.0	-0.7444217256101888	--
112	ASCORBIC-ACID	Seed	0.0	22.0	-0.325248971142903	--
0	ASH	Seed	32000.0	36000.0	-0.35732566188799114	--
0	ASH	Plant		126000.0	0.09010263207242175	--
0	ASH	Fruit		122000.0	1.6919046290292874	--
2	ASPARAGINE	Seed				--
1	BEHENIC-ACID	Seed	837.0	2325.0	-0.4604541186738196	--
53	BETA-CAROTENE	Seed	0.2	0.5	-0.39805394820246537	--
3	CADMIUM	Seed		0.175	-0.2594565434938881	--
28	CALCIUM	Seed	1100.0	2220.0	-0.35380208786555734	--
28	CALCIUM	Plant		17400.0	0.40760775701186586	--
28	CALCIUM	Fruit		27100.0	5.363728024218889	--
0	CARBOHYDRATES	Seed	594000.0	660000.0	0.5428669083641563	--
0	CARBOHYDRATES	Plant		757000.0	0.544740122808857	--
0	CARBOHYDRATES	Fruit		765000.0	-0.09562252057311263	--
0	CAROTENE	Sprout Seedling	12.0	14.0		--
0	CELLOBIOSE	Seed				--
7	CHLORINE	Seed	90.0	101.0	-0.5319130110443773	--
20	CHOLINE	Seed		2060.0	0.3648418915831121	--
2	CONIFERIN	Sprout Seedling				--
12	COPPER	Seed	7.2	8.0	-0.6181060132518703	--
0	DEHYDROASCORBIC-ACID	Sprout Seedling				--
0	DIETHYLSTILBESTEROL	Seed		0.018		--
0	FAT	Seed	9000.0	25000.0	-1.266207429512737	--

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0	FAT	Plant		28000.0	-0.34659641340595326	--
0	FAT	Fruit		23000.0	-0.46557993985129886	--
15	FIBER	Fruit	9000.0	299000.0	1.4845812918405543	--
15	FIBER	Seed	9000.0	10000.0	-0.9852748951978426	--
15	FIBER	Plant		286000.0	0.46721337797871054	--
15	FOLACIN	Seed		1.3	-0.5377353914360576	--
7	GLUTATHIONE	Seed				--
0	HYDROXYGENISTEIN	Leaf Diffusate		8.0	-0.5690824910644179	--
0	HYDROXYLAMINE	Sprout Seedling				--
0	INDOLE-3-ACETAMIDE	Sprout Seedling				--
0	INDOLE-3-CARBOXYALDEHYDE	Sprout Seedling				--
12	IODINE	Seed		0.034	-0.2752592214965912	--
6	IRON	Seed	84.0	102.0	-0.22670770717721234	--
0	KILOCALORIES	Seed	3340.0	3890.0	-0.7582099240095165	--
4	LACTOSE	Seed				--
0	LEAD	Seed		3.832	0.4095204925014904	--
20	LECITHIN	Seed		16000.0	-0.3026877912707788	--
0	LIGNOCERIC	Seed	342.0	950.0		--
27	LINOLEIC-ACID	Seed	1467.0	4075.0	-0.8829186110777025	--
0	LINOLENIC-ACID	Seed	3213.0	8925.0	-0.42405377013010315	--
65	MAGNESIUM	Seed	1850.0	2076.0	-0.3437723443387811	--
2	MALTOSE	Seed				--
0	MELIBIOSE	Seed				--
1	MERCURY	Seed		0.045	-0.47053631114347566	--
39	NIACIN	Seed	20.0	26.0	-0.5054688908234353	--
3	NICKEL	Seed		5.664	0.17437824274788538	--
18	OLEIC-ACID	Seed	1872.0	5200.0	-0.9363531582580341	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
9	OXALIC-ACID	Seed		278.0	-0.6184071180830021	--
1	P-HYDROXYCINNAMIC-ACID	Sprout Seedling				--
13	PALMITIC-ACID	Seed	1269.0	3525.0	-0.6268688619241317	--
7	PHENYLALANINE	Sprout Seedling				--
4	PHOSPHORUS	Seed	348.0	4321.0	-0.2728087077832886	--
4	PHOSPHORUS	Plant		1600.0	-0.9556233044278958	--
4	PHOSPHORUS	Fruit		1900.0	-0.3997199372475276	--
0	PHYTASE	Seed				--
0	PHYTIN-PHOSPHORUS	Seed	1690.0	1897.0	0.1821084313522436	--
14	POTASSIUM	Seed	1710.0	89790.0	6.7909923938934345	--
0	PROTEIN	Seed	21000.0	269000.0	0.31315721071655006	--
0	PROTEIN	Plant		89000.0	-0.6921892099710208	--
0	PROTEIN	Fruit		90000.0	-0.26138640747467884	--
1	RAFFINOSE	Seed		5100.0	-0.26647168171815716	--
15	RIBOFLAVIN	Seed	2.0	2.2	-0.5075116638511373	--
14	SHIKIMIC-ACID	Sprout Seedling				--
1	SODIUM	Seed	398.0	449.0	-0.0029656705675568428	--
1	STACHYOSE	Seed		18000.0	-0.2907956379366689	--
8	STEARIC-ACID	Seed	387.0	1075.0	-0.5420661906490152	--
14	SUCROSE	Seed		16000.0	-0.4702729095412867	--
14	SULFUR	Seed	1740.0	1953.0	-0.3291064481730964	--
31	THIAMIN	Seed	4.2	6.5	-0.020075902290479012	--
1	VERBASCOSE	Seed		37000.0	0.7220436020901386	--
0	VIT-B12	Seed				--
0	WATER	Seed	98000.0	106000.0	-0.4666571660641496	--