

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in Canavalia ensiformis

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	ALANINE	Seed	--	--		
14	ARGININE	Seed	--	--		
2	ARSENIC	Seed	0.02	0.02	-0.6237689826185465	
112	ASCORBIC-ACID	Fruit	320	1488	-0.19196964029238478	
112	ASCORBIC-ACID	Seed	--	23	-0.3246486223374956	
0	ASH	Seed	29000	48000	0.003605897683216254	
0	ASH	Fruit	6000	53000	-0.09487434337055671	
0	BETA-AMINOPROPIONITRILE	Seed	--	--		
53	BETA-CAROTENE	Seed	--	0.2	-0.41680672721968065	
53	BETA-CAROTENE	Fruit	0.24	2.2	-0.1465480687685324	
2	BETONICINE	Seed	--	--		
28	CALCIUM	Seed	960	3090	-0.19401967312980825	
28	CALCIUM	Fruit	330	5263	0.32461375359706246	
2	CANALINE	Seed	--	--		
14	CANAVANINE	Seed	--	--		
0	CANEINE	Seed	--	--		
0	CARBOHYDRATES	Fruit	79000	902000	0.6369868845016534	
0	CARBOHYDRATES	Seed	538000	687000	0.650170363047183	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
20	CHOLINE	Seed	--	--		
3	CONCANAVALIN-A	Seed	--	--		
12	COPPER	Seed	7	8	-0.6181060132518703	
0	DESAMINOCANAVANINE	Seed	--	--		
0	FAT	Fruit	2000	26000	-0.44266618116159695	
0	FAT	Seed	23000	36000	-1.20826649482163	
15	FIBER	Fruit	18000	481000	3.2020207786924106	
15	FIBER	Seed	49000	99000	-0.2825156947289888	
81	GENISTEIN	Leaf Diffusate	6	6	-0.49305499400601877	
12	GLYCINE	Seed	--	--		
0	HYDROXYGENISTEIN	Leaf Diffusate	--	--		
6	IRON	Fruit	12	175	0.1666896512646481	
6	IRON	Seed	12	97	-0.24993923900809273	
0	KILOCALORIES	Seed	3310	3920	-0.7347307403418916	
0	KILOCALORIES	Fruit	340	3810	0.2269856982129148	
0	KITOGINE	Seed	--	--		
0	L-(-)-HOMOSERINE	Seed	--	--		
0	L-ALPHA-AMINO-DELTA-HYDROXYVALERIANIC-ACID	Seed	--	--		
65	MAGNESIUM	Seed	2190	2190	-0.2987316918027977	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
14	MANGANESE	Seed	11	11	-0.5296776809784071	
39	NIACIN	Seed	18	35	-0.23606188422855112	
39	NIACIN	Fruit	20	93	0.43182016840240234	
4	PHOSPHORUS	Fruit	100	3509	0.08899738227593261	
4	PHOSPHORUS	Seed	2700	3898	-0.384590272115793	
14	POTASSIUM	Seed	7500	16600	0.3544074810784622	
0	PROTEIN	Fruit	27000	321000	2.8352690409153483	
0	PROTEIN	Seed	210000	363000	1.149335891252333	
15	RIBOFLAVIN	Fruit	1	4.7	-0.06624160651206927	
15	RIBOFLAVIN	Seed	1.3	1.7	-0.6991387592002618	
1	SERINE	Seed	--	--		
1	SODIUM	Seed	23	394	-0.09027366743989515	
31	THIAMIN	Seed	4.6	8.6	0.48094878965453075	
31	THIAMIN	Fruit	1	10	0.5974378588358942	
15	TRIGONELLINE	Seed	--	--		
0	WATER	Fruit	785000	886000	0.5018755015736748	
0	WATER	Seed	107000	120000	-0.41293332620686607	
77	ZINC	Seed	20	20	-0.7135039207289134	