

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Cajanus cajan*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	2'-O'-METHYLCAJANONE	Root				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
3	2'-HYDROXYGENISTEIN	Plant				--
0	5,7,2'-TRIHYDROXYISOFLAVONE	Root				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
3	ALANINE	Seed	8170.0	10870.0	0.1517346382976281	--
10	ALPHA-AMYRIN	Root				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
14	ARGININE	Seed	11280.0	14530.0	-0.4281111712761129	--
112	ASCORBIC-ACID	Seed	0.0	1279.0	0.4293894772542468	--
112	ASCORBIC-ACID	Fruit	320.0	1601.0	-0.18494364011396508	--
0	ASH	Seed	14000.0	46000.0	-0.056549362245318306	--
0	ASH	Plant		58000.0	-1.138384195485074	--
0	ASH	Leaf		185000.0	1.1654519738670783	--
0	ASH	Fruit	13000.0	51000.0	-0.1466650382227261	--
3	ASPARTIC-ACID	Seed	17940.0	24000.0	0.12526450756794208	--
0	BETA-AMRYIN	Root				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
53	BETA-CAROTENE	Seed	0.84	4.6	-0.14176596830052063	--
53	BETA-CAROTENE	Fruit	0.4	4.0	-0.1430687011995372	--
47	BETA-SITOSTEROL	Leaf				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	CAJAFLAVANONE	Root				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
0	CAJAISOFLAVONE	Root				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
3	CAJANIN	Seed				--
2	CAJANONE	Plant				--
0	CAJAQUINONE	Root				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
28	CALCIUM	Seed	290.0	1540.0	-0.4786894924866025	--
28	CALCIUM	Plant		8900.0	-0.5016084924499196	--
28	CALCIUM	Fruit	350.0	2022.0	-0.4232806161004848	--
0	CARBOHYDRATES	Fruit	217000.0	747000.0	-0.19187777087490662	--
0	CARBOHYDRATES	Seed	213000.0	714000.0	0.7574738177302098	--
0	CARBOHYDRATES	Plant		668000.0	-0.02831093321913289	--
0	CARBOHYDRATES	Leaf		636000.0	0.1920583053770659	--
0	CONCAJANIN	Seed				--
12	COPPER	Seed	10.0	12.0	-0.2552864959153795	--
2	CYSTINE	Seed	1880.0	2800.0	-0.24346152982657351	--
0	FAT	Seed	6000.0	55354.0	-1.1063220539114769	--
0	FAT	Plant		60000.0	0.12045864511417143	--
0	FAT	Leaf		69000.0	0.24983986577904718	--
0	FAT	Fruit	6000.0	20000.0	-0.4884936985410007	--
0	FERREIRIN	Plant				--
15	FIBER	Seed	21380.0	108000.0	-0.2114501576029249	--
15	FIBER	Plant		308000.0	0.629867417557586	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	FIBER	Leaf		183000.0	0.265440325259331	--
15	FIBER	Fruit	3500.0	352000.0	1.9847147687809301	--
81	GENISTEIN	Root				--
8	GLUTAMIC-ACID	Seed	40790.0	56270.0	0.6141637182542585	--
12	GLYCINE	Seed	6860.0	8970.0	-0.2865899160540019	--
7	HISTIDINE	Seed	7090.0	8655.0	0.6728386811733856	--
6	IRON	Seed	13.0	62.0	-0.4125599618242556	--
6	IRON	Fruit	17.0	56.0	-0.3053512758796	--
0	ISOGENISTEIN-7-0-GLUCOSIDE	Root Bark				--
3	ISOLEUCINE	Seed	6990.0	8780.0	-0.21839700906986773	--
0	KILOCALORIES	Seed	1170.0	3974.0	-0.6924682097401668	--
0	KILOCALORIES	Fruit	1140.0	3860.0	0.3029270618353502	--
2	LEUCINE	Seed	13110.0	17325.0	0.023312293537063582	--
27	LINOLEIC-ACID	Seed	7780.0	24472.0	-0.7081550900966141	--
0	LINOLENIC-ACID	Seed	350.0	1114.0	-0.5604144744807592	--
21	LUPEOL	Root				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
4	LYSINE	Seed	13750.0	17010.0	0.6652738149711231	--
14	MANGANESE	Seed	17.0	21.0	-0.40511016640256897	--
15	METHIONINE	Seed	1860.0	2720.0	-0.41180727094190883	--
13	MUFA	Seed	120.0	135.0	-0.790631985830862	--
39	NIACIN	Seed	22.0	77.0	1.0211708132142405	--
39	NIACIN	Fruit	18.0	75.0	0.19119140633704487	--
18	OLEIC-ACID	Seed	120.0	381.0	-0.9759681677188962	--
13	PALMITIC-ACID	Seed	3070.0	9642.0	-0.5006553039742201	--
11	PANTOTHENIC-ACID	Seed	6.8	20.0	0.34109708334068634	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
7	PHENYLALANINE	Seed	16020.0	20780.0	1.1033686962379712	--
4	PHOSPHORUS	Plant		2400.0	-0.571193635279478	--
4	PHOSPHORUS	Fruit	1240.0	4888.0	0.5078545504691282	--
4	PHOSPHORUS	Seed	1270.0	4500.0	-0.22550634368040845	--
14	POTASSIUM	Seed	5250.0	18103.0	0.48658656461393024	--
14	POTASSIUM	Fruit	6220.0	17472.0	-0.03932715832181247	--
0	PROLINE	Seed	9550.0	11830.0	0.09707825475742879	--
0	PROTEIN	Seed	72000.0	262972.0	0.2595350289477235	--
0	PROTEIN	Plant		214000.0	0.3321820167836451	--
0	PROTEIN	Leaf		110000.0	-1.0160027728932894	--
0	PROTEIN	Fruit	70000.0	244000.0	1.8030505581186727	--
4	PUFA	Seed	8140.0	9100.0	-0.736686746163897	--
15	RIBOFLAVIN	Seed	1.7	8.0	1.7153626421987014	--
15	RIBOFLAVIN	Fruit	1.6	6.9	0.40492500982378155	--
1	SERINE	Seed	9780.0	11500.0	0.17740942246517039	--
0	SFA	Seed	3300.0	3690.0	-0.5421808103716643	--
1	SODIUM	Seed	156.0	205.0	-0.39029569305574924	--
8	STEARIC-ACID	Seed	240.0	733.0	-0.5494864293191933	--
12	STIGMASTEROL	Leaf				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
31	THIAMIN	Seed	4.0	13.0	1.5307148108726454	--
31	THIAMIN	Fruit	3.4	12.4	0.9046505587335385	--
4	THREONINE	Seed	7190.0	8580.0	0.09899566387879702	--
29	TRYPTOPHAN	Seed	1580.0	2370.0	-0.3257187593325598	--
8	TYROSINE	Seed	4510.0	6015.0	-0.3998756268190205	--
3	VALINE	Seed	9130.0	10480.0	-0.18862366579992323	--
0	VIT-B-6	Seed	3.0	4.0	-0.3381637475413548	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	WATER	Seed	99000.0	695000.0	1.7935815250744205	--
0	WATER	Fruit	644000.0	694000.0	-0.3329584703278867	--
77	ZINC	Seed	25.0	34.0	-0.31604114389068755	--