

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Cajanus cajan*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
8	GLUTAMIC-ACID	Seed	40790.0	56270.0	0.6141637182542585	--
15	FIBER	Seed	21380.0	108000.0	-0.2114501576029249	--
3	ASPARTIC-ACID	Seed	17940.0	24000.0	0.12526450756794208	--
7	PHENYLALANINE	Seed	16020.0	20780.0	1.1033686962379712	--
4	LYSINE	Seed	13750.0	17010.0	0.6652738149711231	--
2	LEUCINE	Seed	13110.0	17325.0	0.023312293537063582	--
14	ARGININE	Seed	11280.0	14530.0	-0.4281111712761129	--
1	SERINE	Seed	9780.0	11500.0	0.17740942246517039	--
3	VALINE	Seed	9130.0	10480.0	-0.18862366579992323	--
3	ALANINE	Seed	8170.0	10870.0	0.1517346382976281	--
4	PUFA	Seed	8140.0	9100.0	-0.736686746163897	--
27	LINOLEIC-ACID	Seed	7780.0	24472.0	-0.7081550900966141	--
4	THREONINE	Seed	7190.0	8580.0	0.09899566387879702	--
7	HISTIDINE	Seed	7090.0	8655.0	0.6728386811733856	--
3	ISOLEUCINE	Seed	6990.0	8780.0	-0.21839700906986773	--
12	GLYCINE	Seed	6860.0	8970.0	-0.2865899160540019	--
14	POTASSIUM	Fruit	6220.0	17472.0	-0.03932715832181247	--
14	POTASSIUM	Seed	5250.0	18103.0	0.48658656461393024	--
8	TYROSINE	Seed	4510.0	6015.0	-0.3998756268190205	--
15	FIBER	Fruit	3500.0	352000.0	1.9847147687809301	--
13	PALMITIC-ACID	Seed	3070.0	9642.0	-0.5006553039742201	--
2	CYSTINE	Seed	1880.0	2800.0	-0.24346152982657351	--
15	METHIONINE	Seed	1860.0	2720.0	-0.41180727094190883	--
29	TRYPTOPHAN	Seed	1580.0	2370.0	-0.3257187593325598	--
4	PHOSPHORUS	Seed	1270.0	4500.0	-0.22550634368040845	--
4	PHOSPHORUS	Fruit	1240.0	4888.0	0.5078545504691282	--
28	CALCIUM	Fruit	350.0	2022.0	-0.4232806161004848	--

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112	ASCORBIC-ACID	Fruit	320.0	1601.0	-0.18494364011396508	--
28	CALCIUM	Seed	290.0	1540.0	-0.4786894924866025	--
8	STEARIC-ACID	Seed	240.0	733.0	-0.5494864293191933	--
1	SODIUM	Seed	156.0	205.0	-0.39029569305574924	--
18	OLEIC-ACID	Seed	120.0	381.0	-0.9759681677188962	--
13	MUFA	Seed	120.0	135.0	-0.790631985830862	--
77	ZINC	Seed	25.0	34.0	-0.31604114389068755	--
39	NIACIN	Seed	22.0	77.0	1.0211708132142405	--
39	NIACIN	Fruit	18.0	75.0	0.19119140633704487	--
6	IRON	Fruit	17.0	56.0	-0.3053512758796	--
14	MANGANESE	Seed	17.0	21.0	-0.40511016640256897	--
6	IRON	Seed	13.0	62.0	-0.4125599618242556	--
12	COPPER	Seed	10.0	12.0	-0.2552864959153795	--
11	PANTOTHENIC-ACID	Seed	6.8	20.0	0.34109708334068634	--
31	THIAMIN	Seed	4.0	13.0	1.5307148108726454	--
31	THIAMIN	Fruit	3.4	12.4	0.9046505587335385	--
15	RIBOFLAVIN	Seed	1.7	8.0	1.7153626421987014	--
15	RIBOFLAVIN	Fruit	1.6	6.9	0.40492500982378155	--
53	BETA-CAROTENE	Seed	0.84	4.6	-0.14176596830052063	--
53	BETA-CAROTENE	Fruit	0.4	4.0	-0.1430687011995372	--
112	ASCORBIC-ACID	Seed	0.0	1279.0	0.4293894772542468	--
81	GENISTEIN	Root				--
4	PHOSPHORUS	Plant		2400.0	-0.571193635279478	--
3	CAJANIN	Seed				--
12	STIGMASTEROL	Leaf				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. L'ORSTROM, Paris. 569 pp.

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47	BETA-SITOSTEROL	Leaf				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
21	LUPEOL	Root				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
15	FIBER	Plant		308000.0	0.629867417557586	--
15	FIBER	Leaf		183000.0	0.265440325259331	--
28	CALCIUM	Plant		8900.0	-0.5016084924499196	--
10	ALPHA-AMYRIN	Root				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
2	CAJANONE	Plant				--
3	2'-HYDROXYGENISTEIN	Plant				--