

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Phaseolus coccineus

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CARBOHYDRATES	Seed	463000.0	709000.0	0.7376028076037233	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	WATER	Fruit	342000.0	583000.0	-0.8155968603334767	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	CARBOHYDRATES	Fruit	298000.0	463000.0	-1.7105717200809898	--
0	PROTEIN	Seed	195000.0	264000.0	0.26867962132634887	--
0	PROTEIN	Fruit	74000.0	164000.0	0.7306157707974511	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	WATER	Seed	64200.0	136000.0	-0.3515346520842564	--
15	FIBER	Fruit	19000.0	122000.0	-0.1856757915263607	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	ASH	Seed	28000.0	61000.0	0.39461508721869093	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	FIBER	Seed	48000.0	58000.0	-0.6062586971921686	--
14	POTASSIUM	Seed		35807.0	2.043538324369037	--
0	ASH	Fruit	16000.0	28000.0	-0.7422580290226741	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
0	FAT	Seed	15000.0	24000.0	-1.2714747872119285	--
0	FAT	Fruit	3000.0	10000.0	-0.5648728941733404	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
13	LIGNIN	Seed		9900.0	-0.5952374361619625	--
4	PHOSPHORUS	Seed	3280.0	4046.0	-0.34547993755028317	--
0	KILOCALORIES	Seed	3280.0	3860.0	-0.7816891076771414	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
4	PHOSPHORUS	Fruit	1600.0	2770.0	-0.13546632134609168	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	KILOCALORIES	Fruit		2500.0	-1.762678028694891	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
65	MAGNESIUM	Seed		1780.0	-0.46072000355501885	--
28	CALCIUM	Seed	600.0	1600.0	-0.467670015608275	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	CALCIUM	Fruit	500.0	610.0	-0.7491142631270002	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
112	ASCORBIC-ACID	Fruit		270.0	-0.26770121743676717	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
6	IRON	Seed	1.0	103.0	-0.22206140081103623	--
3	KIEVITONE	Leaf Diffusate		48.0	1.0	--
1	SODIUM	Seed		42.0	-0.6490448474228615	--
6	IRON	Fruit	26.0	41.0	-0.36485223308265646	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
39	NIACIN	Seed	21.0	26.0	-0.5054688908234353	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
112	ASCORBIC-ACID	Seed	0.0	23.0	-0.3246486223374956	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
39	NIACIN	Fruit		23.0	-0.5039583507406544	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
0	HYDROXYGENISTEIN	Leaf Diffusate		6.0	-0.7866728552949306	--
0	PHASEOLLIN-ISOFLAVONE	Leaf Diffusate		6.0		--
31	THIAMIN	Fruit	3.4	5.4	0.008613517365409695	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
31	THIAMIN	Seed	3.0	3.5	-0.7358254622119208	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
14	MANGANESE	Seed		3.2	-0.6268403423475608	--
3	DALBERGIODIN	Leaf Diffusate		3.0	-1.0	--
15	RIBOFLAVIN	Seed	1.1	2.2	-0.5075116638511373	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
77	ZINC	Seed		2.0	-1.2245274909494892	--

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15	RIBOFLAVIN	Fruit	1.4	1.9	-0.6659082091213343	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
12	COPPER	Seed		0.7	-1.2802516323909663	--
2	COBALT	Seed		0.54	-0.18252341608908335	--
5	PHYLLOQUINONE	Fruit		0.26	-0.192234392984023	--
24	CHROMIUM	Seed		0.22	-0.6504624406401937	--
53	BETA-CAROTENE	Fruit		0.15	-0.15051068183322158	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
53	BETA-CAROTENE	Seed		0.1	-0.4230576535587525	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
2	PHASEOLLIDIN	Leaf Diffusate				--
0	16,17-MONO-O-PROPYLIDENE-6ALPHA,7ALPHA,16BETA,17-TETRAHYDROXYKAURANIC-ACID	Plant				--
0	PHASEIC-ACID	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
3	KIEVITONE	Plant				--
0	PELARGONIDIN-7-GLUCOSIDE-3-SOPHOROSIDE	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ISOPRUNETIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	PELARGONIDIN-5-GLUCOSIDE-3-SOPHOROSIDE	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ISO FERREIRIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ABSCISIC-ACID	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	PELARGONIDIN-3-SOPHOROSIDE	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	7BETA,13-DIHYDROXYKAURENOLIDE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	ENT-6-ALPHA,7ALPHA,13-TRIHYDROXYKAURENOIC-ACID	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	7,4'-DIHYDROXY-5,2'-DIMETHOXYISOFLAVONE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	ENT-6-ALPHA,7ALPHA,13-TRIHYDROXYKAURANOIC-ACID	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
3	DEMETHYLMEDICARPIN	Leaf Diffusate				--
0	3-O-BETA-D-GLUCOPYRANOSYLGIBBERELIN-A-8	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
3	DEMETHYLVESTITOL	Plant				--
0	GLYCUOL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	2'-HYDROXYISOPRUNETIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	PHASEOLUTEONE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
32	DAIDZEIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	GIBERELLINENE	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
3	2'-HYDROXYGENISTEIN	Plant				--
0	PHASEOLLIN-ISOFALVONE	Plant				--
3	CYCLOKIEVITONE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

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81	GENISTEIN	Plant				--
3	2'-HYDROXYGENISTEIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
3	PHASEOLLIN	Plant				--
0	CYANIDIN-5-GLUCOSIDE-3-SOPHOROSIDE	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
3	DEMETHYLVESTITOL	Leaf Diffusate				--
81	GENISTEIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	2'-HYDROXYDIHYDRODAIDZEIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
2	PHASEOLLIDIN	Plant				--
0	CYANIDIN-3-SOPHOROSIDE	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.