

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in Phaseolus coccineus

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	16,17-MONO-O-PROPYLIDENE-6ALPHA,7ALPHA,16BETA,17-TETRAHYDROXYKAURANIC-ACID	Plant	--	--		
0	2'-HYDROXYDIHYDRODAIDZEIN	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
3	2'-HYDROXYGENISTEIN	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
3	2'-HYDROXYGENISTEIN	Plant	--	--		
0	2'-HYDROXYISOPRUNETIN	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	3-O-BETA-D-GLUCOPYRANOSYLGIBBERELIN-A-8	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	7BETA,13-DIHYDROXYKAURENOLIDE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ABSCISIC-ACID	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
112	ASCORBIC-ACID	Fruit	270	270	-0.26770121743676717	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
112	ASCORBIC-ACID	Seed	--	23	-0.3246486223374956	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	ASH	Seed	28000	61000	0.39461508721869093	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	ASH	Fruit	16000	28000	-0.7422580290226741	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
53	BETA-CAROTENE	Fruit	0.15	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	0.1	-0.4230576535587525	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
28	CALCIUM	Seed	600	1600	-0.467670015608275	
28	CALCIUM	Fruit	500	610	-0.7491142631270002	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
0	CARBOHYDRATES	Seed	463000	709000	0.7376028076037233	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	CARBOHYDRATES	Fruit	298000	463000	-1.7105717200809898	
24	CHROMIUM	Seed	0.22	0.22	-0.6504624406401937	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	COBALT	Seed	0.54	0.54	-0.18252341608908335	
12	COPPER	Seed	0.7	0.7	-1.2802516323909663	
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.
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	CYCLOKIEVITONE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
32	DAIDZEIN	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
3	DALBERGIODIN	Leaf Diffusate	--	3	-1	
3	DEMETHYLMEDICARPIN	Leaf Diffusate	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	DEMETHYLVESTITOL	Leaf Diffusate	--	--		
3	DEMETHYLVESTITOL	Plant	--	--		
0	ENT-6-ALPHA,7ALPHA,13-TRIHIDROXYKAURANOIC-ACID	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	ENT-6-ALPHA,7ALPHA,13-TRIHIDROXYKAURENOIC-ACID	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	FAT	Seed	15000	24000	-1.2714747872119285	
0	FAT	Fruit	3000	10000	-0.5648728941733404	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	FIBER	Fruit	19000	122000	-0.1856757915263607	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	FIBER	Seed	48000	58000	-0.6062586971921686	
81	GENISTEIN	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
81	GENISTEIN	Plant	--	--		

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0	GIBERELLINENE	Seed	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	GLYCUOL	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	HYDROXYGENISTEIN	Leaf Diffusate	6	6	-0.7866728552949306	
6	IRON	Fruit	26	41	-0.36485223308265646	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
6	IRON	Seed	1	103	-0.22206140081103623	
0	ISOFERREIRIN	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	ISOPRUNETIN	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

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3	KIEVITONE	Plant	--	--		
3	KIEVITONE	Leaf Diffusate	--	48	1	
0	KILOCALORIES	Fruit	2500	2500	-1.762678028694891	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	KILOCALORIES	Seed	3280	3860	-0.7816891076771414	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
13	LIGNIN	Seed	9900	9900	-0.5952374361619625	
65	MAGNESIUM	Seed	1780	1780	-0.46072000355501885	
14	MANGANESE	Seed	3.2	3.2	-0.6268403423475608	
39	NIACIN	Fruit	23	23	-0.5039583507406544	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
39	NIACIN	Seed	21	26	-0.5054688908234353	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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	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	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.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PHASEIC-ACID	Seed	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
2	PHASEOLLIDIN	Leaf Diffusate	--	--		
2	PHASEOLLIDIN	Plant	--	--		
3	PHASEOLLIN	Plant	--	--		
0	PHASEOLLIN-ISOFLAVONE	Plant	--	--		
0	PHASEOLLIN-ISOFLAVONE	Leaf Diffusate	--	6		
0	PHASEOLUTEONE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
4	PHOSPHORUS	Fruit	1600	2770	-0.13546632134609168	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
4	PHOSPHORUS	Seed	3280	4046	-0.34547993755028317	
5	PHYLLOQUINONE	Fruit	--	0.26	-0.192234392984023	
14	POTASSIUM	Seed	35807	35807	2.043538324369037	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PROTEIN	Fruit	74000	164000	0.7306157707974511	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PROTEIN	Seed	195000	264000	0.26867962132634887	
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.
15	RIBOFLAVIN	Seed	1.1	2.2	-0.5075116638511373	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
1	SODIUM	Seed	42	42	-0.6490448474228615	
31	THIAMIN	Seed	3	3.5	-0.7358254622119208	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

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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.
0	WATER	Fruit	342000	583000	-0.8155968603334767	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	WATER	Seed	64200	136000	-0.3515346520842564	
77	ZINC	Seed	2	2	-1.2245274909494892	