

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**Chemicals Found in Phaseolus coccineus**

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	2'-HYDROXYGENISTEIN	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
3	2'-HYDROXYGENISTEIN	Plant	--	--		
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
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.
24	CHROMIUM	Seed	0.22	0.22	-0.6504624406401937	
2	COBALT	Seed	0.54	0.54	-0.18252341608908335	
12	COPPER	Seed	0.7	0.7	-1.2802516323909663	
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	--	--		
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	--	--		
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	
3	KIEVITONE	Plant	--	--		
3	KIEVITONE	Leaf Diffusate	--	48	1	
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.
39	NIACIN	Seed	21	26	-0.5054688908234353	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
2	PHASEOLLIDIN	Leaf Diffusate	--	--		
2	PHASEOLLIDIN	Plant	--	--		

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3	PHASEOLLIN	Plant	--	--		
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	
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
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.
77	ZINC	Seed	2	2	-1.2245274909494892	