

P Phaseolus coccineus

Common Name(s)

Scarlet Runner Bean

How Used

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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	--	--	
3	2'-HYDROXYGENISTEIN	Plant	--	--	J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
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.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
0	7BETA,13-DIHYDROXYKAURENOLIDE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	ABSCISIC-ACID	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
112	ASCORBIC-ACID	Seed	--	23	-0.3246486223374956	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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.
0	ASH	Seed	28000	61000	0.39461508721869093	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
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.
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	Fruit	500	610	-0.7491142631270002	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
28	CALCIUM	Seed	600	1600	-0.467670015608275	

Chemical Plant Part	Low PPM	High PPM	StdDev	Reference	Citation
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	
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.

Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference	Citation
3	DALBERGIODIN	Leaf Diffusate	--	3	-1	
3	DEMETHYLMEDICARPIN	Leaf Diffusate	--	--		
3	DEMETHYLVESTITOL	Plant	--	--		
3	DEMETHYLVESTITOL	Leaf Diffusate	--	--		
0	ENT-6-ALPHA,7ALPHA,13-TRIHYDROXYKAURANOIC-ACID	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	FAT	Fruit	3000	10000	-0.5648728941733404	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	FAT	Seed	15000	24000	-1.2714747872119285	
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.

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81	GENISTEIN	Plant	--	--	
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	ISO FERREIRIN	Plant	--	--	J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	ISOPRUNETIN	Plant	--	--	J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
3	KIEVITONE	Plant	--	--	

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

Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
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	Plant	--	--	

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
2	PHASEOLLIDIN	Leaf Diffusate	--	--		
3	PHASEOLLIN	Plant	--	--		
0	PHASEOLLIN-ISOFILAVONE	Plant	--	--		
0	PHASEOLLIN-ISOFILAVONE	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	
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	

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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.
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	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	3.5	-0.7358254622119208	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
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	