

P Polygonum multiflorum

Common Name(s)

Chinese Cornbind, Chinese Knotweed, Fleeceflower, Fo Ti, He Shou Wu

How Used

M

Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	2,3,5,4'-TETRAHYDROXYSTILBENE-2-O-GLUCOSIDE	Plant	--	12000	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	2,3,5,4'-TETRAHYDROXYSTILBENE-2-O-GLUCOSIDE	Root	--	--	
0	2-3-4'-5-TETRAHYDROXYSTILBENE	Plant	--	--	
0	2-ACETYL-EMODIN	Tuber	--	--	
0	3,3'-DI-O-GALLOYLPROCYANIDIN-B-2	Root	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	3-O-GALLOYL-L-CATECHIN	Root	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	3-O-GALLOYL-L-EPICATECHIN	Root	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	3-O-GALLOYL-PROCYANIDIN-B-1	Root	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
0	6-ACETYL-2-METHOXY-7-METHYL-JUGLONE	Tuber	--	--	
5	ALUMINUM	Root	152	152	-0.23092356882413043 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
6	ANTHRAQUINONES	Root	--	11000	-0.8145355295230408
2	ARSENIC	Rhizome	0.11	0.11	-0.3682464952502336 Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
112	ASCORBIC-ACID	Root	--	--	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	ASH	Root	70000	70000	0.06970991327055617 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
53	BETA-CAROTENE	Root	2.4	2.4	-0.421076046376712 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
47	BETA-SITOSTEROL	Shoot	--	--	
47	BETA-SITOSTEROL	Root	--	--	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
47	BETA-SITOSTEROL	Rhizome	--	--	
0	BISADE	Plant	--	--	
28	CALCIUM	Rhizome	15300	15300	1.8231785881156002 Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
28	CALCIUM	Plant	--	2225	-1.2156106648213802 Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
28	CALCIUM	Root	3370	3370	-0.4416648442153509	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	CARBOHYDRATES	Root	735000	735000	-1.2197569504915382	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
24	CHROMIUM	Root	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
6	CHRYSOPHANIC-ACID	Root	--	--		
0	CHRYSOPHANIC-ACID-ANTHRONE	Plant	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	CHRYSOPHANIC-ACID-ANTHRONE	Root	--	--		
10	CHRYSOPHANOL	Plant	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	CHRYSOPHANOL-GLYCOSIDE	Plant	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	CITREOROSEIN	Tuber	--	--		
2	COBALT	Root	145	145	2.6020241246296503	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
12	COPPER	Rhizome	5	5	-1.2402737325891986	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
0	CYANIDINS	Plant	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
4	D-CATECHIN	Root	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	D-EPICATECHIN	Root	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
5	DAUCOSTEROL	Tuber	--	--	
2	DIGITOLUTEIN	Plant	--	--	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	DIGITOLUTEIN-GLUCOSIDE	Plant	--	--	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
58	EMODIN	Plant	--	--	
58	EMODIN	Leaf	--	--	
58	EMODIN	Root	--	--	
58	EMODIN	Shoot	--	--	
58	EMODIN	Bulb	--	--	
58	EMODIN	Rhizome	--	--	
58	EMODIN	Tuber	--	--	
0	EMODIN-1-6-DIMETHYL-ETHER	Tuber	--	--	
0	EMODIN-6-METHYL-ETHER	Plant	--	--	
0	EMODIN-8-O-BETA-D-GLUCOSIDE	Tuber	--	--	
0	EMODIN-8-O-BETA-D-MONOGLUCOSIDE	Shoot	--	--	

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
0	EMODIN-GLYCOSIDE	Plant	--	--	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	EMODIN-MONOMETHYL-ETHER	Leaf	--	--	
0	EMODIN-MONOMETHYL-ETHER	Root	--	--	
0	FAT	Root	15000	15000	-0.26278086141973483 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
15	FIBER	Root	175000	175000	1.9296400859584986 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	FOENICULIN	Flower	--	1000	
0	FOENICULIN	Fruit	--	500	-1
62	GALLIC-ACID	Tuber	--	--	
30	HYPEROSIDE	Fruit	--	3000	
6	IRON	Root	156	156	-0.2150178890958716 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
6	IRON	Rhizome	150	150	-0.6307694628192408 Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
6	IRON	Plant	--	350	-0.3261303905390022 Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	KILOCALORIES	Root	3200	3200	-0.3666891526242119 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
20	LECITHIN	Root	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
65	MAGNESIUM	Rhizome	890	890	-0.7764379797972003 Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
65	MAGNESIUM	Root	2340	2340	-0.11788559715647026 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
14	MANGANESE	Plant	--	18.5	-0.5623119931896589 Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
14	MANGANESE	Root	21	21	-0.2951138210256497 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
14	MANGANESE	Rhizome	26	26	-0.6643257577793106 Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
0	MONOMETHYL-ETHER	Root	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	N-TRANS-FERULYL-3-METHYL-DOPAMINE	Tuber	--	--	
0	N-TRANS-FERULYL-3-METHYL-TYRAMINE	Tuber	--	--	
0	PHOSPHOLIPIDS	Plant	--	34900	-0.08582058420669515
4	PHOSPHORUS	Root	1040	1040	-0.4353624968509736 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
5	PHYSCION	Tuber	--	--	

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
5	PHYSCION	Plant	--	--	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
5	PHYSCION	Shoot	--	--	
5	PHYSCION	Bulb	--	--	
5	PHYSCION	Root	--	--	
5	PHYSCION	Rhizome	--	--	
0	PHYSCION-8-O-BETA-D-GLUCOSIDE	Tuber	--	--	
0	PHYSCION-GLYCOSIDE	Plant	--	--	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	PICEATANNOL-GLUCOSIDE	Root	1220	2760	
7	PICEID	Root	2320	5310	
0	POLYGOACETOPHENOSIDE	Leaf	--	1750	
0	POLYGOACETOPHENOSIDE	Stem	--	800	
0	POLYGOACETOPHENOSIDE	Plant	--	--	J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	POLYGOACETOPHENOSIDE	Flower	--	2500	
0	POLYGONIMITIN-B	Root	--	--	
0	POLYGONIMITIN-C	Root	--	--	

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
14	POTASSIUM	Rhizome	9120	9120	-0.4265768268646751 Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
14	POTASSIUM	Root	10800	10800	-0.36456358180356746 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
1	PROCYANIDIN-B-2	Root	--	--	
0	PROTEIN	Root	18000	18000	-1.1275908762925957 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
2	QUESTIN	Tuber	--	--	
0	QUESTINOL	Tuber	--	--	
68	RESVERATROL	Plant	--	--	
68	RESVERATROL	Root	2960	3770	
0	RESVERATROLOSIDE	Root	2770	5310	
1	RHAPONTICIN	Root	--	--	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	RHAPONTIN	Root	--	--	
18	RHEIN	Root	--	--	
15	RIBOFLAVIN	Root	0.9	0.9	-0.6947245423214473 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
44	SCOPOLETIN	Plant	--	--	
60	SELENIUM	Root	--	74	4.901657448832962 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
4	SILICON	Root	--	--	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
1	SODIUM	Rhizome	117	117	-0.49441428607527815 Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
1	SODIUM	Root	42	42	-0.49321665692176836 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
5	STARCH	Root	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	STILBENE-GLYCOSIDE-GALLATES	Plant	--	--	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
31	THIAMIN	Root	0.1	0.1	-0.5848490255146099 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
4	TIN	Root	13	13	-0.35437186016542255 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
9	TRICIN	Tuber	--	--	
0	WATER	Root	800000	800000	0.2012998824504101 Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
77	ZINC	Rhizome	8	8	-0.44762528958867887 Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
77	ZINC	Root	--	--	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
77	ZINC	Plant	--	24.5	-0.27264823372413644 Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
