

# P Prunella vulgaris

## Common Name(s)

Heal-All, Self-Heal

## How Used

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Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
67	1,8-CINEOLE	Essential Oil	--	--	
67	1,8-CINEOLE	Plant	--	2250	0.06989208476085287
0	2-ALPHA-3-ALPHA-DIHYDROXYURS-12-EN-28-OIC-ACID	Shoot	--	24	
0	20(S)-24(S)-STIGMASTA-7-TRANS-22-DIEN-3-ONE	Plant	--	--	
0	3-BETA-HYDROXY-OLEAN-12-EN-28-ALDEHYDE	Plant	--	--	
0	3-O-ACETYLURSOLIC-ACID	Shoot	--	4	-1
32	AESCULETIN	Shoot	--	--	
11	ALPHA-PHELLANDRENE	Plant	--	280	0.7818937888032305
2	ALPHA-SPINASTEROL	Plant	--	--	
30	ANTHOCYANINS	Plant	--	--	

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
2	ARSENIC	Flower	0.37	0.37	0.09916678072574664	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.
9	BETA-AMYRIN	Plant	--	--		
13	BETA-PINENE	Plant	--	785	0.4121047787093985	
13	BETA-PINENE	Essential Oil	--	--		
47	BETA-SITOSTEROL	Leaf	--	--		
47	BETA-SITOSTEROL	Shoot	--	600	0.560153027400077	
47	BETA-SITOSTEROL	Plant	--	--		
22	BETULINIC-ACID	Root	--	738	-0.2824396075524178	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
22	BETULINIC-ACID	Shoot	2.88	2.88	-0.2809809755291592	
28	CALCIUM	Flower	14500	14500	2.4150187558231133	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	CIS-CAFFEIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
12	COPPER	Flower	8	8	-0.9960623124329469	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	COUMARINS	Plant	--	--		
7	CYANIDIN	Flower	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
3	CYNAROSIDE	Shoot	--	--		
0	D-CAMPHOR	Flower	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	D-FENCHONE	Flower	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
5	DAUCOSTEROL	Plant	--	--		
9	DELPHINIDIN	Flower	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	EO	Plant	5000	5000	-0.36013745523464397	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
30	ESCULETIN	Plant	--	--		
0	FLAVONOIDS	Plant	--	--		
8	FRUCTOSE	Na	--	--		
7	GLUCOSE	Na	--	--		
0	HEXACOSANATE	Plant	--	--		

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
0	HIRSUTIDIN-3,5-DIGLUCOSIDE	Flower	--	--		
0	HYDROXYCINNAMIC-ACID	Inflorescence	--	--		
30	HYPEROSIDE	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
6	IRON	Flower	640	640	3.101098946021803	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.
75	KAEMPFEROL	Flower	--	--		
7	LAURIC-ACID	Leaf	--	--		
53	LINALOOL	Plant	--	320	-0.6210266574086879	
53	LINALOOL	Essential Oil	--	--		
7	LINALYL-ACETATE	Essential Oil	--	--		
7	LINALYL-ACETATE	Plant	--	210	-0.47708266214343814	
27	LINOLEIC-ACID	Leaf	--	--		
21	LUPEOL	Leaf	--	--		
78	LUTEOLIN	Shoot	--	--		
65	MAGNESIUM	Flower	4560	4560	1.2631501912692535	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	MALVIDIN-3,5-DI-O-BETA-D-GLUCOSIDE	Flower	--	--		

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
14	MANGANESE	Flower	96	96	-0.053317589403564354	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	MERCURY	Flower	0.06	0.06	-0.5305058842901162	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.
22	MYRCENE	Essential Oil	--	--		
22	MYRCENE	Plant	--	300	-0.14650580368119137	
6	MYRISTIC-ACID	Leaf	--	--		
0	OCTACOSANATE	Plant	--	--		
64	OLEANOLIC-ACID	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
1	PHYTOL	Plant	--	--		
0	POTASIIUM-CHLORIDE	Plant	--	23800	1	Chemical Constituents of Oriental Herbs (3 diff. books)
14	POTASSIUM	Flower	11900	11900	-0.7560423041115479	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	POTASSIUM-CHLORIDE	Plant	23800	23800	0.4629100498862757	Chemical Constituents of Oriental Herbs (3 diff. books)
4	PRUNELLIN	Plant	--	--		
4	PRUNELLIN	Inflorescence	--	--		

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
176	QUERCETIN	Flower	--	--		
0	RESIN	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
57	ROSMARINIC-ACID	Shoot	--	74000	2.618207384686372	
57	ROSMARINIC-ACID	Flower	2600	19300	1	Yakugaku Zasshi, 106: 1108.
57	ROSMARINIC-ACID	Leaf	17400	17400	1.3139336213345723	Yakugaku Zasshi, 106: 1108.
57	ROSMARINIC-ACID	Plant	17400	61000	1.9838377715468754	Fitoterapia No.62: 166.
57	ROSMARINIC-ACID	Inflorescence	61000	74000	1.6629158425966515	
87	RUTIN	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
44	SCOPOLETIN	Shoot	--	--		
44	SCOPOLETIN	Plant	--	--		
1	SODIUM	Flower	155	155	-0.5286995884408491	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.
8	STEARIC-ACID	Leaf	--	--		
12	STIGMASTEROL	Leaf	--	--		
14	SUCROSE	Na	--	301200		
35	TANNIN	Plant	45000	105800	0.3235844779821407	
0	TETRACOSANATE	Plant	--	--		

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
0	TRANS-CAFFEIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	TRICOSANATE	Plant	--	--		
22	UMBELLIFERONE	Shoot	--	--		
22	UMBELLIFERONE	Plant	--	--		
0	URS-12-EN-28-ALDEHYDE	Plant	--	--		
0	URS-12-ENE-3-BETA-28-DIOL	Plant	--	--		
89	URSOLIC-ACID	Shoot	211	4400	0.35356775559538145	
89	URSOLIC-ACID	Plant	--	--		
3	URSONIC-ACID	Plant	--	--		
77	ZINC	Flower	25	25	-0.4271677275654511	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.