

P Glechoma hederacea

Common Name(s)

Alehoof

How Used

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Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
4	(+)-PULEGONE	Plant	--	--	
0	(-)-PINOCARVONE	Plant	--	--	
0	(10E,12Z)-9-OXO-10,12-OCTADECADIENOIC-ACID	Leaf	--	--	
0	(10E,12Z,15Z)-9-OXO-10,12,15-OCTADECATRIENOIC-ACID	Leaf	--	--	
0	(9S,10E,12Z)-9-HYDROXY-10,12-OCTADECADIENOIC-ACID	Leaf	--	--	
0	(9S,10E,12Z,15Z)-9-HYDROXY-10,12,15-OCTADECATRIENOIC-ACID	Leaf	--	--	
67	1,8-CINEOLE	Plant	6	37	-0.5512773271900201 Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	1-OCTEN-3-OL	Plant	1	7	-0.43117484485288077 Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	1-OCTEN-3-YL-ACETATE	Plant 1	2	-1.1641445076652783	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	2-ALPHA-HYDROXYURSOLIC-ACID	Plant --	20		
1	2-BETA-HYDROXYURSOLIC-ACID	Plant --	600		
2	3-OCTANOL	Plant 1	2	-0.6488601051507596	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	3-OCTANONE	Plant 3	16	-0.6358643020968509	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	9-HYDROXY-10-TRANS,12-CIS-OCTADECADIENOIC-ACID	Plant --	--		
10	ALPHA-AMYRIN	Plant --	--		
3	ALPHA-CADINOL	Plant 1	6	-0.9281735937749103	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
28	ALPHA-PINENE	Plant 4	22	-0.4659063062508129	
23	ALPHA-TERPINEOL	Plant 1	7	-0.4750331426952505	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	ALPHA-URSOLIC-ACID	Plant --	--		
101	APIGENIN	Plant --	--		Jim Duke's personal files.

Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference	Citation
0	APIGENIN-7-GLUCOSIDE	Plant	--	--		Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
2	ARSENIC	Plant	--	--		Chem. & Pharm. Bull. 38: 2205.
1	ASIATIC-ACID	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	ASPARAGIC-ACID	Plant	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
3	ASPARTIC-ACID	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	BARIUM	Plant	45	89	1.697811769953888	Chem. & Pharm. Bull. 38: 2205.
9	BETA-AMYRIN	Plant	--	--		
0	BETA-BOURBONENE	Plant	1	6	-0.4787226141963027	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
5	BETA-ELEMENE	Plant	9	53	-0.2795003889825756	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
13	BETA-PINENE	Plant	3	17	-0.417131127819555	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
47	BETA-SITOSTEROL	Plant --	--		Oriental Materia Medica (three volumes by Dr. Hsu and collaborators)
0	BETA-URSOLIC-ACID	Plant --	--		
35	BORNEOL	Plant 1	5	-0.6664178309874592	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
12	BORNYL-ACETATE	Plant 1	4	-0.4664432496568186	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	BROMINE	Plant 18	19	-0.5039992624483747	Chem. & Pharm. Bull. 38: 2205.
0	BULGARENE	Plant --	--		
102	CAFFEIC-ACID	Plant --	--		
28	CALCIUM	Plant 21000	23000	1.0066208154808067	Chem. & Pharm. Bull. 38: 2205.
9	CAMPHENE	Plant 1	3	-0.6006926315197634	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
7	CHLORINE	Plant 8000	11000	1.0564720140341104	Chem. & Pharm. Bull. 38: 2205.
77	CHLOROGENIC-ACID	Plant --	--		Vademecum Garcia, A.A., et al. 1998. Fitoterapia Vademecum de Prescripcioon. Masson, S. A. Barcelona, Espana. 1148 pp.
20	CHOLINE	Plant --	--		
24	CHROMIUM	Plant 3	4	-0.49021456139793756	Chem. & Pharm. Bull. 38: 2205.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
3	CIS-OCIMENE	Plant 9	55	-0.3228572549798686	
12	COPPER	Plant 11	11	-0.33406963620245544	Chem. & Pharm. Bull. 38: 2205.
4	COSMOSIIN	Plant --	--		
0	CYMAROSIDE	Plant --	--		
3	CYNAROSIDE	Plant --	--		
0	DITERPENE-LACTONE	Plant --	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
2	ELEMOL	Plant 1	3	-0.6215774055927659	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	EO	Plant 100	600	-0.6945296531004636	
0	EPSILON-BULGARENE	Plant 2	11		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	EPSILON-MUUROLENE	Plant 1	6		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
61	FERULIC-ACID	Plant --	--		
0	GAMMA-ELEMENE	Plant 1	7	-0.3941752823621468	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	GERMACRENE-B	Plant 14	83		

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
2	GERMACRENE-D	Plant 20	116	-0.32380258707502446	
0	GLECHOMAFURAN	Plant --	--		
0	GLECHOMANOLIDE	Plant --	--		
0	GLECHOMINE	Plant --	--		Jim Duke's personal files.
8	GLUTAMIC-ACID	Plant --	--		Oriental Materia Medica (three volumes by Dr. Hsu and collaborators)
30	HYPEROSIDE	Plant --	--		
12	IODINE	Plant --	--		Chem. & Pharm. Bull. 38: 2205.
6	IRON	Plant 290	500	-0.14948506775500356	Chem. & Pharm. Bull. 38: 2205.
0	ISOFURANOGERMACRENE	Plant 1	1		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
3	ISOMENTHONE	Plant --	--		Chemical Constituents of Oriental Herbs (3 diff. books)
4	ISOPINOCAMPHONE	Plant --	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	ISOQUERCITIN	Plant --	--		
22	ISOQUERCITRIN	Plant --	--		
0	L-MENTHONE	Plant --	--		
0	L-PINOCAMPHONE	Plant --	--		

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
1	L-PULEGONE	Plant	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	LEAD	Plant	--	--	Chem. & Pharm. Bull. 38: 2205.
60	LIMONENE	Plant	1	6	-0.4821163747169735 Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	LINALOL	Plant	1	4	-0.4313107276638502 Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
78	LUTEOLIN	Plant	--	--	Jim Duke's personal files.
0	LUTEOLIN-7-DI-O-BETA-D-GLUCOSIDE	Plant	--	--	
7	LUTEOLIN-7-GLUCOSIDE	Plant	--	--	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
14	MANGANESE	Plant	82	100	0.021813677839542838 Chem. & Pharm. Bull. 38: 2205.
8	MARRUBIIN	Plant	--	--	
63	MENTHOL	Plant	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
2	MOLYBDENUM	Plant	--	--	Chem. & Pharm. Bull. 38: 2205.
22	MYRCENE	Plant	3	20	-0.4541295384448474 Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
5	MYRTENAL	Plant 1	1	-1	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
3	NICKEL	Plant --	--		Chem. & Pharm. Bull. 38: 2205.
2	NONACOSANE	Plant --	--		
64	OLEANOLIC-ACID	Plant --	360	-1.0986728439772253	
25	P-COUMARIC-ACID	Plant --	--		
16	P-CYMENE	Plant --	--		Chemical Constituents of Oriental Herbs (3 diff. books)
13	PALMITIC-ACID	Plant --	--		Chemical Constituents of Oriental Herbs (3 diff. books)
4	PHOSPHORUS	Plant 2100	3500	-0.04260284020040307	Chem. & Pharm. Bull. 38: 2205.
14	POTASSIUM	Plant 32000	46000	1.687880009035257	Chem. & Pharm. Bull. 38: 2205.
0	POTASSIUM-NITRATE	Plant --	--		Oriental Materia Medica (three volumes by Dr. Hsu and collaborators)
0	PROLINE	Plant --	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	RESIN	Plant --	--		Jim Duke's personal files.

Chemical Plant Part	Low PPM	High PPM	StdDev	Reference	Citation
57 ROSMARINIC-ACID	Stem --	1000	-0.3808773454382602	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.	
57 ROSMARINIC-ACID	Leaf	14800 25000	2.329304484727468		
0 RUBIDIUM	Plant 10	11	-1.0756540025325014	Chem. & Pharm. Bull. 38: 2205.	
87 RUTIN	Plant --	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses	
5 SABINENE	Plant 1	9	-0.4476544142890202	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.	
3 SALIGENIN	Plant --	--			
0 SAPONIN	Plant --	--		Jim Duke's personal files.	
0 SAPONOSIDES	Plant --	--		Vademecum Garcia, A.A., et al. 1998. Fitoterapia Vademecum de Prescripcioon. Masson, S. A. Barcelona, Espana. 1148 pp.	
9 SINAPIC-ACID	Plant --	--		Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.	

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0	STRONTIUM	Plant 51	110	-0.27669640886357	Chem. & Pharm. Bull. 38: 2205.
7	SUCCINIC-ACID	Plant --	--		Oriental Materia Medica (three volumes by Dr. Hsu and collaborators)
14	SULFUR	Plant 3100	3400	-0.19502943224091188	Chem. & Pharm. Bull. 38: 2205.
35	TANNIN	Plant 30000	70000	-0.1990770770371384	
23	TERPINEN-4-OL	Plant 1	8	-0.2780031828594647	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	TITANIUM	Plant 24	50	-1.0186421933880052	Chem. & Pharm. Bull. 38: 2205.
8	TYROSINE	Plant --	--		Oriental Materia Medica (three volumes by Dr. Hsu and collaborators)
89	URSOLIC-ACID	Plant 166	166	-0.787639221105655	Chemical Constituents of Oriental Herbs (3 diff. books)
3	VALINE	Plant --	--		Oriental Materia Medica (three volumes by Dr. Hsu and collaborators)
77	ZINC	Plant 46	53	0.00844512955464756	Chem. & Pharm. Bull. 38: 2205.