

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Stellaria media*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	10-HYDROXYDECANOIC ACID	Plant				--
0	10-HYDROXYDOCOSANOIC ACID	Plant				--
0	10-HYDROXYHEXADECANOIC ACID	Plant				--
0	10-HYDROXYOCTADECANOIC ACID	Plant				--
0	11-HYDROXYDOCOSANOIC ACID	Plant				--
0	11-HYDROXYHEXADECANOIC ACID	Plant				--
0	11-HYDROXYICOSANOIC ACID	Plant				--
0	11-HYDROXYOCTADECANOIC ACID	Plant				--
0	11-HYDROXYUNDECANOIC ACID	Plant				--
0	13-HYDROXYHEXADECANOIC ACID	Plant				--
0	2-AMINO-ADIPIIC-ACID	Shoot		1.6		--
0	2-HYDROXYDOCOSANOIC ACID	Plant				--
0	2-HYDROXYHEXADECANOIC ACID	Plant				--
0	2-HYDROXYTETRACOSANOIC ACID	Plant				--
0	4-HYDROXY-BENZOIC-ACID	Shoot				--
0	5-ACETOXYDOTETRACONT-3-EN-1-OL	Shoot		14.0		--
0	6-7-DIHYDROXYICOSANOIC ACID	Plant				--
0	6-7-DIMETHYLHEPTACOSANE	Shoot		20.0		--
0	7-HYDROXYHEPTANOCIC ACID	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	8-HYDROXYNONANOIC ACID	Plant				--
0	8-HYDROXYOCTANOIC ACID	Plant				--
0	9,16-DIHYDROXYHEXADECANOIC ACID	Plant				--
0	9-10-DIHYDROXYOCTADECANOIC ACID	Plant				--
0	9-HYDROXYDECANOIC-ACID	Plant				--
0	9-HYDROXYHEXADECANOIC ACID	Plant				--
0	9-HYDROXYNONANOIC-ACID	Plant				--
0	9-HYDROXYOCTADECANOIC ACID	Plant				--
0	9-HYDROXYTETRADECANOIC ACID	Plant				--
5	ALUMINUM	Plant	163.0	1960.0	3.141159241769086	--
101	APIGENIN	Shoot				--
0	APIGENIN-6-8-DI-C-GALACTOSIDE	Plant				--
112	ASCORBIC-ACID	Plant	6.0	69.0	-0.577487374872098	--
112	ASCORBIC-ACID	Shoot	0.0	0.0	-0.3711399748002795	--
0	ASH	Plant	13031.0	157000.0	0.6501480975765742	--
0	BEHNIC ACID	Plant				--
53	BETA-CAROTENE	Plant	4.0	43.0	-0.4942959657454504	--
47	BETA-SITOSTEROL	Shoot				--
0	BUTANE-1-4-DIOIC ACID	Plant				--
0	C-GLYCOSYL-FLAVONES	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	C-PENTOSYL-C-HEXOSYLAPIGENIN	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
102	CAFFEIC-ACID	Shoot				--
28	CALCIUM	Shoot	400.0	1110.0	-0.9947299805163277	--
28	CALCIUM	Plant		12100.0	-0.15931531618195327	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	CALCIUM-OXIDE	Plant		18480.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	CARBOHYDRATES	Plant	49966.0	602000.0	-0.45327014330730514	--
0	CARBONIC-ANHYDRASE	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	CARBOXYLIC-ACIDS	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	CERYL-CEROTATE	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
7	CHLORINE	Plant		12936.0	1.5030993356128934	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
77	CHLOROGENIC-ACID	Shoot				--
24	CHROMIUM	Plant	0.1	1.1	-0.7605331263615637	--
2	COBALT	Plant	1.0	12.1	-0.08212996391102297	--
0	COUMARINS	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
5	DAUCOSTEROL	Shoot				--
0	DECANE-1-10-DIOIC ACID	Plant				--
0	DIETHYLENEGLYCOL	Plant				--
0	DOCOSAN-1-OL	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	EO	Plant	83.0	2000.0	-0.5881321355977028	--
0	FAT	Plant	3984.0	48000.0	-0.05468700183087534	--
0	FAT	Seed	48000.0	59000.0	-1.0871172677402245	--
61	FERULIC-ACID	Shoot				--
15	FIBER	Plant	17000.0	205000.0	-0.13164922228896742	--
0	FIBER(CRUDE)	Plant		108000.0	0.07291936347610395	--
0	FIBER(DIETARY)	Plant		329000.0	-0.37836455961832116	--
0	FLAVONOIDS	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
20	GAMMA-LINOLENIC-ACID	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
81	GENISTEIN	Shoot				--
81	GENISTEIN	Plant				Abstract (See species file)
8	GLYCEROL	Plant				--
0	GYPSOGENIN	Plant				--
0	HENTRIACONTANOL	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	HEPTADECAN-1-OL	Plant				--
0	HEPTANE-1-7-DIOIC ACID	Plant				--
0	HEXACOSAN-1-OL PALMITATE	Shoot				--
0	HEXACOSANOIC-ACID	Plant				--
0	HEXADECAN-1-OL	Plant				--
0	HEXANE-1-6-DIOIC ACID	Plant				--
0	HYDROXYBENZOIC-ACID	Shoot				--

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0	HYDROXYCOUMARINS	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	ICOSANOIC ACID	Plant				--
15	INDOLE	Plant				--
7	INDOLE-3-ACETIC-ACID	Plant				--
3	INDOLE-3-ACETONITRILE	Plant				--
6	IRON	Plant	21.0	253.0	-0.440361032605988	--
0	IRON-(FE2O3)	Plant		3432.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	KILOCALORIES	Plant		2130.0	-1.078704596110561	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
7	LAURIC-ACID	Plant				--
27	LINOLEIC-ACID	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
78	LUTEOLIN	Shoot				--
65	MAGNESIUM	Plant	439.0	5290.0	0.37988026620329995	--
0	MAGNESIUM-OXIDE	Plant		28776.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
14	MANGANESE	Plant	0.4	5.3	-0.6569188503379467	--
0	METHYL-BRANCHED-DOCOSANOIC ACID	Plant				--
0	METHYL-BRANCHED-HEPTADECANOIC ACID	Plant				--
0	METHYL-BRANCHED-HEXADECANOIC ACID	Plant				--
0	METHYL-BRANCHED-PENTACOSANOIC ACID	Plant				--
3	MUCILAGE	Plant	16600.0	200000.0	0.6200059608641451	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	N-HENTRIACONTANE	Shoot				--
39	NIACIN	Plant	4.0	47.0	-0.4164332384500758	--
0	NONAN-1-OL	Plant				--
0	NONANE-1-9-DIOIC ACID	Plant				--
0	O-GALACTOSYL-6-8-DI-C-GALACTOSYL-4'-5'-DIHYDROXYFLAVONE	Plant				--
0	OCTACOSANOIC-ACID	Plant				--
0	OCTADECATETRAENIC-ACID	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
18	OLEIC-ACID	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
9	OXALIC-ACID	Shoot	2950.0	4330.0		--
13	PALMITIC-ACID	Plant				--
0	PENTACOSAN-1-OL	Shoot				--
0	PENTADECAN-1-OL	Plant				--
1	PENTADECANOIC-ACID	Plant				--
0	PENTANE-1-5-DIOIC ACID	Plant				--
4	PHOSPHORUS	Plant	372.0	4480.0	0.42832350450640905	--
0	PHOSPHORUS-OXIDE	Plant		9240.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
5	PHYLLOQUINONE	Leaf				--
14	POTASSIUM	Plant	697.0	8400.0	-0.9343110720280003	--
0	POTASSIUM-OXIDE-(K2O)	Plant		48312.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	PROPANE-1-3-DIOIC ACID	Plant				--
0	PROTEIN	Plant	18011.0	217000.0	0.35676692622575706	--

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0	PROTEIN	Seed		178000.0	-0.4963349161851121	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	RIBOFLAVIN	Plant	0.1	1.3	-0.7046480489612599	--
87	RUTIN	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	SACCHAROPINE	Shoot		2.4	1.414213562373096	--
0	SAPONARIN	Shoot		1.5		--
5	SAPONINS	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
60	SELENIUM	Plant		0.4	-0.40967079183140703	--
4	SILICON	Plant	0.5	5.7	-0.5117713268103398	--
0	SILICON-(SIO2)	Plant		4752.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	SKATOLE	Plant				--
1	SODIUM	Plant	122.0	1470.0	-0.22270430709108063	--
0	SODIUM-OXIDE	Plant		9108.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
5	STARCH	Root		15300.0	-1.2567862385428579	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
5	STARCH	Plant	9960.0	120000.0	-0.5521762840331416	--
0	STEARIC ACID METHYL ESTER	Shoot				--
8	STEARIC-ACID	Plant				--
0	STEROIDS	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

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14	SULFUR	Plant		3828.0	-0.013033145313820741	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	TETRACOSANOIC-ACID	Plant				--
0	TETRADECANOIC-ACID	Plant				--
31	THIAMIN	Plant	0.2	2.1	-0.46748925566207633	--
0	THIAMINE	Plant	0.2	2.1	-0.4561748824887048	--
4	TIN	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	TOCOPHEROLS	Plant		440.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
1	TRIACONTAN-1-OL	Shoot				--
0	TRIACONTANOIC-ACID	Shoot				--
0	TRICOSANOIC-ACID	Plant				--
0	TRITERPENE-GLYCOSIDES	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
29	TRYPTOPHAN	Plant				--
0	UNDECANE-1-11-DIOIC ACID	Plant				--
24	VANILLIC-ACID	Shoot				--
12	VICENIN-2	Shoot				--
0	WATER	Plant		917000.0	0.6253295799254247	--
77	ZINC	Plant	0.4	5.2	-0.46300268675152334	--