

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Stellaria media*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference 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-ADIPIC-ACID	Shoot	1.6	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	14		
0	6-7-DIHYDROXYICOSANOIC ACID	Plant	--	--		
0	6-7-DIMETHYLHEPTACOSANE	Shoot	20	20		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	7-HYDROXYHEPTANOCIC ACID	Plant	--	--		
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	1960	3.141159241769086	
101	APIGENIN	Shoot	--	--		
0	APIGENIN-6-8-DI-C-GALACTOSIDE	Plant	--	--		
112	ASCORBIC-ACID	Plant	6	69	-0.577487374872098	
112	ASCORBIC-ACID	Shoot	--	--	-0.3711399748002795	
0	ASH	Plant	13031	157000	0.6501480975765742	
0	BEHNIC ACID	Plant	--	--		
53	BETA-CAROTENE	Plant	4	43	-0.4942959657454504	
47	BETA-SITOSTEROL	Shoot	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	--	--		
102	CAFFEIC-ACID	Shoot	--	--		
28	CALCIUM	Shoot	400	1110	-0.9947299805163277	
28	CALCIUM	Plant	--	12100	-0.15931531618195327	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	CALCIUM-OXIDE	Plant	18480	18480		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	CARBOHYDRATES	Plant	49966	602000	-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.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	12936	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	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	--	--		
0	EO	Plant	83	2000	-0.5881321355977028	
0	FAT	Plant	3984	48000	-0.05468700183087534	
0	FAT	Seed	48000	59000	-1.0871172677402245	
61	FERULIC-ACID	Shoot	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	FIBER	Plant	17000	205000	-0.13164922228896742	
0	FIBER(CRUDE)	Plant	--	108000	0.07291936347610395	
0	FIBER(DIETARY)	Plant	--	329000	-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	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	HEXACOSANOIC-ACID	Plant	--	--		
0	HEXADECAN-1-OL	Plant	--	--		
0	HEXANE-1-6-DIOIC ACID	Plant	--	--		
0	HYDROXYBENZOIC-ACID	Shoot	--	--		
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	253	-0.440361032605988	
0	IRON-(FE2O3)	Plant	3432	3432		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	KILOCALORIES	Plant	2130	2130	-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.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
78	LUTEOLIN	Shoot	--	--		
65	MAGNESIUM	Plant	439	5290	0.37988026620329995	
0	MAGNESIUM-OXIDE	Plant	28776	28776		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	200000	0.6200059608641451	
3	N-HENTRIACONTANE	Shoot	--	--		
39	NIACIN	Plant	4	47	-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	--	--		

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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	4330		
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	4480	0.42832350450640905	
0	PHOSPHORUS-OXIDE	Plant	9240	9240		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	8400	-0.9343110720280003	
0	POTASSIUM-OXIDE-(K2O)	Plant	48312	48312		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PROPANE-1-3-DIOIC ACID	Plant	--	--		
0	PROTEIN	Seed	178000	178000	-0.4963349161851121	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PROTEIN	Plant	18011	217000	0.35676692622575706	
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	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	4752		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	1470	-0.22270430709108063	

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0	SODIUM-OXIDE	Plant	9108	9108		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
5	STARCH	Root	15300	15300	-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	120000	-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.
14	SULFUR	Plant	3828	3828	-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	

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4	TIN	Plant	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	TOCOPHEROLS	Plant	440	440		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	0.6253295799254247	
77	ZINC	Plant	0.4	5.2	-0.46300268675152334	