

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Capparis spinosa*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	ALKALOIDS	Leaf		200.0	-0.5962122322469999	--
0	ALKALOIDS	Fruit		740.0	-0.734926011692987	--
0	ARABINOSE	Plant				--
112	ASCORBIC-ACID	Flower	260.0	2300.0	-0.12670207924999813	--
112	ASCORBIC-ACID	Leaf		710.0	-0.3780411442297887	Wealth of India.
112	ASCORBIC-ACID	Fruit		1335.0	-0.20148272017997962	Wealth of India.
0	ASH	Flower	79000.0	140000.0	1.6289278252895272	--
0	ASH	Leaf		132000.0	0.23165703987909675	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
47	BETA-SITOSTEROL	Plant				--
4	BETA-SITOSTEROL-BETA-D-GLUCOSIDE	Plant				--
28	CALCIUM	Leaf		5500.0	-0.8839670914339806	Wealth of India.
0	CAPPAPRENOLS	Leaf				--
0	CAPPAPRENOLS	Root				--
0	CARBOHYDRATES	Leaf	477000.0	537000.0	-0.5952505888685411	--
20	CHOLINE	Plant				--
20	CHOLINE	Leaf		100.0	-0.4834212946273979	--
20	CHOLINE	Fruit		370.0	-0.5296940753697843	--
23	CITRIC-ACID	Plant				--
57	COUMARIN	Plant				--
1	DEXTROSE	Flower				--
0	FAT	Flower		4700.0	-0.8359426398879087	--
0	FAT	Seed	316000.0	360000.0	0.49835739971643	--
0	FAT	Leaf	4900.0	15000.0	-0.8262066756491712	--
0	FAT	Fruit		37500.0	-0.35483010618440636	--
15	FIBER	Leaf	68000.0	79000.0	-1.0206389346244922	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	GLUCOCAPANGULIN	Plant				--
0	GLUCOCAPPARIN	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	GLUCOCAPPARIN	Plant				--
0	GLUCOCLEOMIN	Plant				--
1	GLUCOIBERIN	Plant				--
7	GLUCOSE	Plant				--
4	GLUCURONIC-ACID	Plant				--
0	INDOLE-GLUCOSINOLATES	Root				--
12	IODINE	Fruit		699.0	3.4640953020632	Wealth of India.
6	IRON	Leaf		720.0	0.9044328765893729	Wealth of India.
0	ISOTHIOCYANATE- GYLCOSIDE	Flower				Wealth of India.
0	KAEMPFEROL-3-O- RUTINOSIDE	Flower				Wealth of India.
0	KAEMPFEROL-3-O- RUTINOSIDE	Plant				--
0	L-STACHYDRINE	Leaf		100.0	-1.0	--
0	L-STACHYDRINE	Fruit		370.0		--
0	L-STACHYDRINE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
7	LAURIC-ACID	Plant				--
27	LINOLEIC-ACID	Seed	142200.0	183600.0	0.6552694118732165	Wealth of India.
27	LINOLEIC-ACID	Plant				--
27	LINOLEIC-ACID	Flower	700.0	2115.0	0.10814468177553463	--
0	LINOLENIC-ACID	Plant				--
3	MUCILAGE	Plant				--
6	MYRISTIC-ACID	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
18	OLEIC-ACID	Seed	132720.0	165600.0	0.38222902010309456	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
18	OLEIC-ACID	Flower	277.0	2162.0	1.3557818711732559	--
9	OXALIC-ACID	Plant				--
13	PALMITIC-ACID	Seed	11060.0	16200.0	-0.3653424851029563	Wealth of India.
13	PALMITIC-ACID	Plant				--
13	PALMITIC-ACID	Flower		1123.0	-1.0985138336600548	--
0	PECTIC-ACID	Plant				--
0	PECTIC-ACID	Flower				--
0	PENTOSANS	Flower		40000.0		--
4	PHOSPHORUS	Leaf		1350.0	-0.6663004741417594	Wealth of India.
0	PROTEIN	Seed	190000.0	220000.0	-0.12272316530742187	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PROTEIN	Leaf	138000.0	179000.0	-0.32766110332231657	--
176	QUERCETIN	Flower				--
0	QUERCETIN-3-O-RUTINOSIDE	Plant				--
0	QUERCETIN-3-O-GLUCOSIDE	Shoot		60.0		--
0	QUERCETIN-3-O-GLUCOSIDE-7-O-RHAMNOSIDE	Shoot		56.0		--
0	QUERCETIN-3-O-RUTINOSIDE	Shoot		44.0		--
0	QUERCETIN-3-O-[6"-ALPHA-L-RHAMNOSYL-6"-BETA-D-GLUCOSYL]-BETA-DD-GLUCOSIDE	Shoot		185.0		--
0	QUERCETIN-7-O-BETA-D-GLUCOPYRANOSIDE-BETA-L-RHAMNOPYRANOSIDE	Plant				--
0	RHAMNOSE	Flower				--
15	RIBOFLAVIN	Flower	0.89	2.16	-0.95039534674468	--
0	RUTIC-ACID	Flower				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	RUTIC-ACID	Plant				--
87	RUTIN	Shoot				--
87	RUTIN	Plant				--
87	RUTIN	Flower				--
0	RUTINASE	Flower				--
0	RUTINOSE	Flower				--
0	SAPONIN	Plant				--
7	SINIGRIN	Plant				--
1	SODIUM	Leaf		850.0	-0.49631905375908264	Wealth of India.
8	STEARIC-ACID	Seed	11060.0	16200.0	-0.21390505063016926	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
8	STEARIC-ACID	Flower		348.0	0.1338183669576338	--
35	TANNIN	Plant				--
6	TARTARIC-ACID	Plant				--
31	THIAMIN	Flower	0.7	0.72	-1.3431000033782277	--
75	VITAMIN-E	Seed	42.0	50.0		Wealth of India.
75	VITAMIN-E	Seed Oil		1340.0		Wealth of India.
0	WATER	Leaf		696000.0	-0.5569583695853872	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	WATER	Flower	696000.0	795000.0	-0.11154719049682113	--
3	XYLOSE	Plant				--