

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Gardenia jasminoides*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
77	ZINC	Fruit	10.0	17.0	-0.40018873103446667	--
18	TERPINEOL	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
35	TANNIN	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
1	SODIUM	Fruit	731.0	985.0	-0.09054434268860892	--
1	SCANDOSIDE-METHYL-ESTER	Fruit				--
14	POTASSIUM	Fruit	13800.0	15300.0	-0.2314918720898178	--
24	PECTIN	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
2	NONACOSANE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
2	METHYL-ANTHRANILATE	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
18	MANNITOL	Fruit				--
14	MANGANESE	Fruit	16.0	19.0	-0.27825396850008577	--
65	MAGNESIUM	Fruit	1880.0	2170.0	0.0186441813858007	--
7	LINALYL-ACETATE	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
53	LINALOOL	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
6	IRON	Fruit	40.0	130.0	-0.011813220344521346	--
10	GENIPOSIDIC-ACID	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
10	GENIPOSIDE	Fruit				--
10	GENIPOSIDE	Leaf				--
6	GENIPIN	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
6	GARDENOSIDE	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
6	GARDENOSIDE	Fruit				--
2	GARDENIN	Fruit				--
1	GARDENIC-ACID-B	Flower				--
1	GARDENIC-ACID	Plant				--
5	DAUCOSTEROL	Flower				--
4	CROCIN	Flower				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
4	CROCIN	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
10	CROCETIN	Fruit				--
12	COPPER	Fruit	10.0	13.0	0.014090749380317144	--
3	CHLOROGENIN	Fruit				--
28	CALCIUM	Fruit	2810.0	4710.0	0.1970032671907855	Suzuki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.
35	BORNEOL	Flower				--
47	BETA-SITOSTEROL	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
9	BENZYL-ACETATE	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
2	ARSENIC	Fruit		0.05	-0.4728474209824816	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.