

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Gardenia jasminoides*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(1R,74,8S,10R)-7,8,11-TRIHYDROXYGUAI-4-EN-3-ONE-8-O-BETA-D-GLUCOPYRANOSIDE	Fruit				--
0	(R)-LINALYL-6-O-ALPHA-L-ARABINOPYRANOSYL-BETA-D-GLUCOPYRANOSIDE	Flower				--
0	10-ACETYLGENIPOSIDE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
0	13-Z-CROCIN-ESTER	Fruit				--
0	2-HYDROXYETHYL-GARDENAMIDE-A	Fruit				--
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.
0	ASH	Seed		25000.0	-0.6881795914949315	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	BENZOIC-ACID-ESTER	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
9	BENZYL-ACETATE	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
47	BETA-SITOSTEROL	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
35	BORNEOL	Flower				--
0	BORNYL-6-O-BETA-D-XYLOPYRANOSYL-BETA-D-GLUCOPYRANOSIDE	Flower				--
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.
3	CHLOROGENIN	Fruit				--
12	COPPER	Fruit	10.0	13.0	0.014090749380317144	--
10	CROCETIN	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CROCETIN-MONO(BETA-GENTIOBIOSYL)-ESTER	Fruit				--
4	CROCIN	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
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.
0	CROCIN-1	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
5	DAUCOSTEROL	Flower				--
0	DEACETYLASPERULOSIDE-ACID-METHYL-ESTER	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	EO	Flower		700.0	-0.4000177745189089	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	FAT	Seed	140000.0	200000.0	-0.34441983215421706	--
0	GARDENATE-A	Fruit				--
1	GARDENIC-ACID	Plant				--
0	GARDENIC-ACID-A	Flower				--
1	GARDENIC-ACID-B	Flower				--
2	GARDENIN	Fruit				--
0	GARDENODIC-ACID-A	Plant				--
6	GARDENOSIDE	Leaf				--
6	GARDENOSIDE	Fruit				--
0	GARDOSIDE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
6	GENIPIN	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
0	GENIPIN-1-BETA-D-GENTIOBIOSIDE	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	GENIPIN-1-BETA-D-GLUCOSIDE	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
10	GENIPOSIDE	Leaf				--
10	GENIPOSIDE	Fruit				--
10	GENIPOSIDIC-ACID	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
0	GENTIOBIOSIDE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
6	IRON	Fruit	40.0	130.0	-0.011813220344521346	--
0	JASMINOSIDE-F	Fruit				--
0	LINALOL	Flower				--
53	LINALOOL	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
7	LINALYL-ACETATE	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
65	MAGNESIUM	Fruit	1880.0	2170.0	0.0186441813858007	--
14	MANGANESE	Fruit	16.0	19.0	-0.27825396850008577	--
18	MANNITOL	Fruit				--
2	METHYL-ANTHRANILATE	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	METHYL-DEACETYLASPERULOSIDATE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
2	NONACOSANE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
24	PECTIN	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
0	PENTA-ACETYL-GENIPOSIDE	Leaf				--
0	PICROCROCINIC-ACID	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
14	POTASSIUM	Fruit	13800.0	15300.0	-0.2314918720898178	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PROTEIN	Seed		144000.0	-0.7987825240384804	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
1	SCANDOSIDE-METHYL-ESTER	Fruit				--
0	SHANZHISIDE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
1	SODIUM	Fruit	731.0	985.0	-0.09054434268860892	--
0	STYRENE-ACETATE	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)
18	TERPINEOL	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	ZHIZININ-A	Flower				--
77	ZINC	Fruit	10.0	17.0	-0.40018873103446667	--