

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Justicia pectoralis*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
112	ASCORBIC-ACID	Leaf	280.0	1867.0	-0.27068628743026185	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	ASH	Leaf	23000.0	153000.0	0.6016512590064101	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
53	BETA-CAROTENE	Leaf	27.0	178.0	-0.3627586693769105	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
14	BETAINE	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
28	CALCIUM	Leaf	6630.0	44200.0	1.7603127850544058	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	CARBOHYDRATES	Leaf	82000.0	547000.0	-0.5157244379346414	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
57	COUMARIN	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
0	FAT	Leaf	6000.0	40000.0	-0.3280369805435145	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	FIBER	Leaf	28000.0	187000.0	0.3149049121779396	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
6	IRON	Leaf	74.0	495.0	0.33411693367940465	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	KILOCALORIES	Leaf	440.0	2935.0	-0.13392122695310196	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
39	NIACIN	Leaf	25.0	165.0	0.8210329194953514	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
4	PHOSPHORUS	Leaf	350.0	2335.0	-0.4850733018020174	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PROTEIN	Leaf	39000.0	260000.0	0.48039216095665205	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	RIBOFLAVIN	Leaf		2013.0	9.258047024213187	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
31	THIAMIN	Leaf	0.4	2.7	-1.1680319435650144	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	TRYPTAMINES	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
22	UMBELLIFERONE	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. L'ORSTROM, Paris. 569 pp.
0	WATER	Leaf		850000.0	0.2113448495082871	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses