

Dr. Duke's Phytochemical and Ethnobotanical Databases
Chemicals found in *Amaranthus spinosus*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	ALPHA-SPINASTEROL	Leaf				Wealth of India.
0	ALPHA-SPINASTEROL-OCTACOSANOATE	Root				Wealth of India.
0	ALPHA-SPINASTEROL-SAPONIN	Root				Wealth of India.
112	ASCORBIC-ACID	Leaf	98.0	5030.0	0.022799807692385765	--
0	ASH	Leaf	26000.0	240000.0	2.1344844525338518	--
53	BETA-CAROTENE	Leaf	65.0	408.0	0.6388790278983637	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
47	BETA-SITOSTEROL	Leaf				Wealth of India.
28	CALCIUM	Leaf	4760.0	53335.0	2.3844858256673627	--
2	CAMPESTEROL	Leaf				Wealth of India.
0	CARBOHYDRATES	Leaf	74000.0	606450.0	-0.04294147063260773	--
1	CHOLESTEROL	Leaf				Wealth of India.
0	FAT	Leaf	3000.0	45000.0	-0.22840304152238317	--
15	FIBER	Leaf	13000.0	104000.0	-0.7114852663831885	--
0	HENTRIACONTANE	Leaf				Wealth of India.
6	IRON	Leaf	22.0	1965.0	4.06018109402453	--
0	KILOCALORIES	Leaf	450.0	2760.0	-0.41600592181309615	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
3	MUCILAGE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
39	NIACIN	Leaf	14.0	86.0	-0.13989063327644766	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
11	NICOTINIC-ACID	Leaf	3.0	19.0	-1.704660681586216	Wealth of India.
0	OLEANOLIC-ACID-SAPONIN	Root				Wealth of India.
4	PHOSPHORUS	Leaf	500.0	4600.0	-0.06834279890910817	--
14	POTASSIUM	Leaf	3370.0	35276.0	0.21778269699089728	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	PROTEIN	Leaf	30000.0	344000.0	1.3183733239126194	--
15	RIBOFLAVIN	Leaf	1.6	20.0	-0.08411181088201701	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
87	RUTIN	Leaf				Wealth of India.
1	SODIUM	Leaf	60.0	168.0	-0.6174469458901903	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
12	STIGMASTEROL	Leaf				Wealth of India.
31	THIAMIN	Leaf	0.1	0.6	-1.6056798079043724	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	WATER	Leaf	837000.0	850000.0	0.2113448495082871	--