

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Ageratum conyzoides*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	ALPHA-PINENE	Plant	0.8	6.5	-0.47687546816603676	--
28	ALPHA-PINENE	Shoot		420.0	-0.10556109077271972	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
13	ALPHA-TERPINENE	Plant	4.0	30.0	-0.4563792530327342	--
5	BETA-ELEMENE	Plant	2.0	16.0	-0.41647408954357296	--
2	BETA-MYRCENE	Shoot		320.0	0.29298395593600435	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
2	BETA-MYRCENE	Plant	2.0	15.0	-1.0	--
13	BETA-PINENE	Shoot		240.0	-0.10428886355139645	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
13	BETA-PINENE	Plant	0.8	6.5	-0.42846833747913055	--
3	BETA-SELINENE	Plant	4.0	32.0	-0.44797743161568887	--
47	BETA-SITOSTEROL	Plant				Wealth of India.
35	BORNEOL	Shoot		500.0	0.08469489557160183	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
1	BORNYL-FORMATE	Shoot		920.0	1.414213562373095	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
4	CADINENE	Plant				--
9	CAMPHENE	Shoot		3060.0	0.14804925218510195	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
9	CAMPHENE	Plant	5.0	38.0	-0.5408223163096343	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
8	CARYOPHYLLENE-OXIDE	Plant	1.0	8.0	-0.39965795736454124	--
8	CARYOPHYLLENE-OXIDE	Shoot		300.0	0.25860416668796105	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
57	COUMARIN	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
57	COUMARIN	Shoot		1040.0	-1.0	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
2	ETHYL-VANILLIN	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
76	EUGENOL	Shoot		800.0	0.15379660495713438	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
17	FARNESOL	Plant	0.5	3.5	-0.537692482101717	--
2	FRIEDELIN	Plant				Wealth of India.
2	GERMACRENE-D	Shoot		6320.0	3.172650201402638	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
9	HCN	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
75	KAEMPFEROL	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
60	LIMONENE	Shoot		340.0	-0.1553622230979656	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, <i>Flavour Fragr. J.</i> , Vol.8, 257-260.
27	LINOLEIC-ACID	Seed		140135.0	0.2828569767384904	Wealth of India.
18	OLEIC-ACID	Seed		18075.0	-0.8305130987418275	Wealth of India.
13	PALMITIC-ACID	Seed		42315.0	0.17349470074990356	Wealth of India.
176	QUERCETIN	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
12	STIGMASTEROL	Plant				Wealth of India.
9	TERPINOLENE	Shoot		20.0	-0.22817845236300732	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, <i>Flavour Fragr. J.</i> , Vol.8, 257-260.