

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Ageratum conyzoides*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(Z)-NEROLIDOL	Shoot		1180.0	1.414213467033246	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	(Z,E)-APHA-FARNESENE	Shoot		160.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	1-HYDROXY-2-ACETYL-4-METHYLBENZENE	Shoot		60.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	2,2-DIMETHYL-7-METHOXY-6-VINYLCROMENE	Shoot		920.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	2-CARENE	Shoot		1080.0	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.
0	2-METHYL-6METHYLENE-OCTA-1,7-DIENE-3-ONE	Shoot		300.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	6,7-DIMETHOXY-2,2-DIMETHYLCROMENE	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
0	6-DEMETOXYAGERATOCHROMENE	Plant	60.0	470.0		--
0	6-VINYL-DEMETHOXYAGERATOCHROMENE	Plant	0.7	6.0		--
0	7-METHOXY-2,2-DIMETHYLCROMENE (PREOCENE 1)	Shoot		141120.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	AGERATOCHROMENE	Plant	62.0	500.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	AGERATOCHROMENE (PRECOCENE 2)	Shoot		880.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	ALPHA-BERGAMOTENE	Shoot		100.0	2.865646239607859	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	ALPHA-CARYOPHYLLENE	Shoot		22420.0	3.8723650281316564	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	ALPHA-CUBEBENE	Shoot		140.0	3.2176441159515545	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	ALPHA-CUBEBENE	Plant				--
0	ALPHA-HUMELENE	Shoot		5060.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	ALPHA-MUUROLENE	Shoot		380.0	3.9743162254042654	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
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	--
0	ASH	Plant		97200.0	-0.4301976713636941	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	BETA-CADINENE	Shoot		1620.0	1.4142135623730947	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	BETA-CARYOPHYLLENE	Plant	34.0	270.0	-0.48278584579429146	--
0	BETA-CUBEBENE	Plant	4.0	32.0	1.7781592386140743	--
0	BETA-CUBEBENE	Shoot		2460.0	4.864903734217578	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
5	BETA-ELEMENE	Plant	2.0	16.0	-0.41647408954357296	--
0	BETA-FARNESENE	Shoot		580.0	2.8197410371551395	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	BETA-FARNESENE	Plant	5.0	37.5	-0.2718588929054105	--
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	BORNYL-ACETAE	Shoot		1540.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
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.
0	C15H24	Shoot	80.0	380.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
4	CADINENE	Plant				--
0	CADINOL	Shoot		360.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
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	--
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.
0	CONYZORIGIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
57	COUMARIN	Plant				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
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.
0	DEMETHOXY-ENCECALIN	Shoot		200.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	DIHYDRODEMETHOXYENC ECALIN	Shoot		400.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	DIHYDROENCECALIN	Shoot		260.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	DOTRIACONTENE	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. I'ORSTROM, Paris. 569 pp.
0	EICOSANE	Shoot		120.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	ENDO-BORNEOL	Plant	0.5	4.0		--
0	ENDO-BORNYL-ACETATE	Plant	2.0	18.0		--
0	EO	Plant	200.0	1600.0	-0.6185314263127774	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ETHYL-EUGENOL	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
2	ETHYL-VANILLIN	Plant				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
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.
0	EXO-2-HYDROXYCINEOLE-ACETATE	Shoot		160.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
17	FARNESOL	Plant	0.5	3.5	-0.537692482101717	--
0	FAT	Seed		256000.0	-0.0494478009994907	Wealth of India.
2	FRIEDELIN	Plant				Wealth of India.
0	GAMMA-CADINENE	Shoot		2520.0	5.377506816867179	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	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. I'ORSTROM, Paris. 569 pp.
0	HEXADECENOIC-ACID	Seed		2535.0	-1.2073852173362987	Wealth of India.
75	KAEMPFEROL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	KAEMPFEROL-3,7-DIGLUCOSIDE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	KAEMPFEROL-3-O-RHAMNOSYLGLUCOSIDE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
60	LIMONENE	Shoot		340.0	-0.1553622230979656	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	LINALOL	Shoot		80.0	-0.20775636662408106	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
27	LINOLEIC-ACID	Seed		140135.0	0.2828569767384904	Wealth of India.
0	LINOLENIC-ACID	Seed		30565.0	-0.04627299402612243	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.
0	PHYTOL-ISOMER	Shoot		640.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
176	QUERCETIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	QUERCETIN-3,7-DIGLUCOSIDE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	QUERCETIN-3-O-RHAMNOSYLGLUCOSIDE	Plant				J.S. Glasby Dict.Pls 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, Flavour Fragr. J., Vol.8, 257-260.
0	UNKNOWN	Shoot		360.0		R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.