

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	FAT	Seed		256000.0	-0.0494478009994907	Wealth of India.
0	7-METHOXY-2,2-DIMETHYCHROMENE (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.
27	LINOLEIC-ACID	Seed		140135.0	0.2828569767384904	Wealth of India.
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.
13	PALMITIC-ACID	Seed		42315.0	0.17349470074990356	Wealth of India.
0	LINOLENIC-ACID	Seed		30565.0	-0.04627299402612243	Wealth of India.
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.
18	OLEIC-ACID	Seed		18075.0	-0.8305130987418275	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.
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.
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.
0	HEXADECENOIC-ACID	Seed		2535.0	-1.2073852173362987	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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
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	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	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.
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	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.
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	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.
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.

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 Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
76	EUGENOL	Shoot		800.0	0.15379660495713438	R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	PHYTOL-ISOMER	Shoot		640.0		R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	BETA-FARNESENE	Shoot		580.0	2.8197410371551395	R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	AGERATOCHROMENE	Plant	62.0	500.0		--
35	BORNEOL	Shoot		500.0	0.08469489557160183	R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	6-DEMETOXYAGERATOCHROMENE	Plant	60.0	470.0		--
28	ALPHA-PINENE	Shoot		420.0	-0.10556109077271972	R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
0	DIHYDRODEMETHOXYENCALIN	Shoot		400.0		R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides 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 Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
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.
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.
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.
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.
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	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	BETA-CARYOPHYLLENE	Plant	34.0	270.0	-0.48278584579429146	--
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
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	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.
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	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	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	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	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.
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
9	CAMPHENE	Plant	5.0	38.0	-0.5408223163096343	--
0	BETA-FARNESENE	Plant	5.0	37.5	-0.2718588929054105	--
0	BETA-CUBEBENE	Plant	4.0	32.0	1.7781592386140743	--
3	BETA-SELINENE	Plant	4.0	32.0	-0.44797743161568887	--
13	ALPHA-TERPINENE	Plant	4.0	30.0	-0.4563792530327342	--
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	ENDO-BORNYL-ACETATE	Plant	2.0	18.0		--
5	BETA-ELEMENE	Plant	2.0	16.0	-0.41647408954357296	--
2	BETA-MYRCENE	Plant	2.0	15.0	-1.0	--
8	CARYOPHYLLENE-OXIDE	Plant	1.0	8.0	-0.39965795736454124	--
13	BETA-PINENE	Plant	0.8	6.5	-0.42846833747913055	--
28	ALPHA-PINENE	Plant	0.8	6.5	-0.47687546816603676	--
0	6-VINYL-DEMETHOXYAGERATOCHEMENE	Plant	0.7	6.0		--
0	ENDO-BORNEOL	Plant	0.5	4.0		--
17	FARNESOL	Plant	0.5	3.5	-0.537692482101717	--
0	ETHYL-EUGENOL	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	KAEMPFEROL-3-O-RHAMNOSYLGLUCOSIDE	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	6,7-DIMETHOXY-2,2-DIMETHYLCHROMENE	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
75	KAEMPFEROL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	DOTRIACONTENE	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
12	STIGMASTEROL	Plant				Wealth of India.
57	COUMARIN	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	QUERCETIN-3-O-RHAMNOSYLGLUCOSIDE	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
9	HCN	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
0	CONYZORIGIN	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
0	QUERCETIN-3,7-DIGLUCOSIDE	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
2	FRIEDELIN	Plant				Wealth of India.
176	QUERCETIN	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
4	CADINENE	Plant				--
47	BETA-SITOSTEROL	Plant				Wealth of India.
0	ALPHA-CUBEBENE	Plant				--
2	ETHYL-VANILLIN	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.