

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	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.
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	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.
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.
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-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	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-CUBEBENE	Plant	4.0	32.0	1.7781592386140743	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	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	(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.
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.
27	LINOLEIC-ACID	Seed		140135.0	0.2828569767384904	Wealth of India.
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.
13	PALMITIC-ACID	Seed		42315.0	0.17349470074990356	Wealth of India.
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.
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
0	LINOLENIC-ACID	Seed		30565.0	-0.04627299402612243	Wealth of India.
0	FAT	Seed		256000.0	-0.0494478009994907	Wealth of India.
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.
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.
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.
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.
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	BETA-FARNESENE	Plant	5.0	37.5	-0.2718588929054105	--
8	CARYOPHYLENE-OXIDE	Plant	1.0	8.0	-0.39965795736454124	--
5	BETA-ELEMENE	Plant	2.0	16.0	-0.41647408954357296	--
13	BETA-PINENE	Plant	0.8	6.5	-0.42846833747913055	--
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
3	BETA-SELINENE	Plant	4.0	32.0	-0.44797743161568887	--
13	ALPHA-TERPINENE	Plant	4.0	30.0	-0.4563792530327342	--
28	ALPHA-PINENE	Plant	0.8	6.5	-0.47687546816603676	--
0	BETA-CARYOPHYLLENE	Plant	34.0	270.0	-0.48278584579429146	--
17	FARNESOL	Plant	0.5	3.5	-0.537692482101717	--
9	CAMPHENE	Plant	5.0	38.0	-0.5408223163096343	--
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.
18	OLEIC-ACID	Seed		18075.0	-0.8305130987418275	Wealth of India.
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	BETA-MYRCENE	Plant	2.0	15.0	-1.0	--
0	HEXADECENOIC-ACID	Seed		2535.0	-1.2073852173362987	Wealth of India.
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	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.
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.
47	BETA-SITOSTEROL	Plant				Wealth of India.
0	ALPHA-CUBEBENE	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
2	ETHYL-VANILLIN	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	AGERATOCHROMENE	Plant	62.0	500.0		--
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	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.
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	2,2-DIMETHYL-7- METHOXY-6- VINYLCHROMENE	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	6-VINYL- DEMETHOXYAGERATOCH ROMENE	Plant	0.7	6.0		--
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	KAEMPFEROL-3-O- RHAMNOSYLGLUCOSIDE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	6- DEMETOXYAGERATOCHR OMENE	Plant	60.0	470.0		--
0	ENDO-BORNYL-ACETATE	Plant	2.0	18.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	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)
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	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	ENDO-BORNEOL	Plant	0.5	4.0		--
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.
75	KAEMPFEROL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
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	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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	QUERCETIN-3-O-RHAMNOSYLGLUCOSIDE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	BORNYL-ACETAE	Shoot		1540.0		R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides 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	CONYZORIGIN	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.
2	FRIEDELIN	Plant				Wealth of India.
0	AGERATOCHROMENE (PREOCENE 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.
0	EICOSANE	Shoot		120.0		R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
176	QUERCETIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	7-METHOXY-2,2-DIMETHYCHROMENE (PREOCENE 1)	Shoot		141120.0		R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
4	CADINENE	Plant				--