

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**Chemicals Found in *Ageratum conyzoides***

Activity 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	-0.10556109077271972	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	30	-0.4563792530327342	
5	BETA-ELEMENE	Plant	2	16	-0.41647408954357296	
2	BETA-MYRCENE	Plant	2	15	-1	
2	BETA-MYRCENE	Shoot	--	320	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.
13	BETA-PINENE	Plant	0.8	6.5	-0.42846833747913055	
13	BETA-PINENE	Shoot	--	240	-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.
3	BETA-SELINENE	Plant	4	32	-0.44797743161568887	
47	BETA-SITOSTEROL	Plant	--	--		Wealth of India.
35	BORNEOL	Shoot	--	500	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	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	0.14804925218510195	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
9	CAMPHENE	Plant	5	38	-0.5408223163096343	
8	CARYOPHYLLENE-OXIDE	Plant	1	8	-0.39965795736454124	
8	CARYOPHYLLENE-OXIDE	Shoot	--	300	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	-1	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	0.15379660495713438	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	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.Pls Containing 2ndary Metabolite. 1991.
60	LIMONENE	Shoot	--	340	-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.
27	LINOLEIC-ACID	Seed	140135	140135	0.2828569767384904	Wealth of India.
18	OLEIC-ACID	Seed	18075	18075	-0.8305130987418275	Wealth of India.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	PALMITIC-ACID	Seed	42315	42315	0.17349470074990356	Wealth of India.
176	QUERCETIN	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
12	STIGMASTEROL	Plant	--	--		Wealth of India.
9	TERPINOLENE	Shoot	--	20	-0.22817845236300732	R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.