

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ALPHA-GUAIENE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Aralia cordata	Stem		2.0		--
Arctium lappa	Root				Jim Duke's personal files.
Artemisia herba-alba	Plant				--
Artemisia annua	Plant	15.0	1880.0	-1.0	--
Boswellia sacra	Essential Oil				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus globulus	Fruit Essent. Oil		31500.0	1.0	--
Humulus lupulus	Fruit		16.0		--
Hyptis suaveolens	Shoot		6.0	0.37139067635410333	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
Hyptis suaveolens	Shoot		6.0	0.37139067635410333	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
Laurus nobilis	Leaf Essent. Oil				--
Laurus nobilis	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Micromeria fruticosa	Leaf		1.0		Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
Ocimum basilicum	Plant				--
Ocimum basilicum	Shoot Essent. Oil		1300.0		--
Origanum syriacum	Shoot		0.0	-1.2998673672393632	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Origanum syriacum	Shoot		0.0	-1.2998673672393632	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Origanum syriacum	Shoot		6.0	0.37139067635410333	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Panax ginseng	Flower Essent. Oil		55000.0		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Panax ginseng	Root				--
Panax ginseng	Root Essent. Oil		40000.0	1.0	--
Pelargonium citrosum	Shoot		10.0	1.4855627054164144	Matsuda, B. M., et al. 1996. Essential Oil Analysis and Field Evaluation of the Citrosa Plant 'Pelargonium citrosum' as a Repellent Against Populations of Aedes Mosquitoes. J. Am. Mosq. Contr. Assoc. 12(1):69-74.
Piper nigrum	Fruit				--
Piper nigrum	Fruit Essent. Oil		1100.0	-1.0	--
Pogostemon cablin	Plant	1261.0	5460.0	1.0	--
Ptychopetalum olacoides	Root Essent. Oil		6000.0	-1.0	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil. Planta Med. 53, 2: 231.