

List of Plants

ALPHA-GUAIENE

Chemid

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*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
<i>Aralia cordata</i>	Stem	--	2.0		*
<i>Arctium lappa</i>	Root	--	--		Jim Duke's personal files.
<i>Artemisia herba-alba</i>	Plant	--	--		*
<i>Artemisia annua</i>	Plant	15.0	1880.0	-1.0	*
<i>Boswellia sacra</i>	Essential Oil	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Eucalyptus globulus</i>	Fruit Essent. Oil	--	31500.0	1.0	*
<i>Humulus lupulus</i>	Fruit	--	16.0		*
<i>Hyptis suaveolens</i>	Shoot	--	6.0	0.37	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of <i>Hyptis suaveolens</i> (L.) Poit. J. Ess. Oil Res. 5: 321.
<i>Hyptis suaveolens</i>	Shoot	--	6.0	0.37	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of <i>Hyptis suaveolens</i> (L.) Poit. J. Ess. Oil Res. 5: 321.
<i>Laurus nobilis</i>	Leaf Essent. Oil	--	--		*
<i>Laurus nobilis</i>	Leaf	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Micromeria fruticosa</i>	Leaf	--	1.0		Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . J. Ess. Oil Res., 3: 387-393.
<i>Ocimum basilicum</i>	Plant	--	--		*
<i>Ocimum basilicum</i>	Shoot Essent. Oil	--	1300.0		*
<i>Origanum syriacum</i>	Shoot	--	--	-1.3	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
<i>Origanum syriacum</i>	Shoot	--	--	-1.3	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
<i>Origanum syriacum</i>	Shoot	--	6.0	0.37	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
<i>Panax ginseng</i>	Flower Essent. Oil	--	55000.0		*
<i>Panax ginseng</i>	Root	--	--		*
<i>Panax ginseng</i>	Root Essent. Oil	--	40000.0	1.0	*
<i>Pelargonium citrosum</i>	Shoot	--	10.0	1.49	Matsuda, B. M., et al. 1996. Essential Oil Analysis and Field Evaluation of the Citrosa Plant ' <i>Pelargonium citrosum</i> ' as a Repellent Against Populations of <i>Aedes</i> Mosquitoes. J. Am. Mosq. Contr. Assoc. 12(1):69-74.
<i>Piper nigrum</i>	Fruit	--	--		*
<i>Piper nigrum</i>	Fruit Essent. Oil	--	1100.0	-1.0	*
<i>Pogostemon cablin</i>	Plant	1261.0	5460.0	1.0	*
<i>Ptychopetalum olacoides</i>	Root Essent. Oil	--	6000.0	-1.0	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. <i>Planta Med.</i> 53, 2: 231.