

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for COPAENE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Achillea millefolium	Leaf	1.5	60.0	1.1888404716143406	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Agastache nepetoides	Plant		6.0	-0.8249331280742407	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Aloysia citrodora	Plant	3.0	21.0	-0.5116673832359215	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ballota nigra	Plant		19.0	-0.5534361492143641	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus paradisi	Pericarp		2.0		--
Coleus barbatus	Leaf Essent. Oil		30600.0		Jim Duke's personal files.
Coleus barbatus	Stem Essent. Oil		30600.0		Jim Duke's personal files.
Copaifera spp	Gum	45000.0	146700.0		--
Cuminum cyminum	Seed		30.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cuminum cyminum	Fruit		30.0	-0.7063409156616118	--
Cyperus rotundus	Root				--
Elsholtzia polystachya	Leaf		0.2	-0.9396822889406762	Mathela,C.S., Melkani,A.B., Bisht,J.C., Pant,A.K., Bestmann,H.J., Erler,J., Kobold,U., Rauscher,J. and Vostrowsky,O. 1992. Chemical Varieties of Essential Oils from Elsholtzia polystachya from Two Different Locations in India. Planta Medica 58: 376-379.
Elsholtzia polystachya	Leaf		0.4	-0.9325634837214286	Mathela,C.S., Melkani,A.B., Bisht,J.C., Pant,A.K., Bestmann,H.J., Erler,J., Kobold,U., Rauscher,J. and Vostrowsky,O. 1992. Chemical Varieties of Essential Oils from Elsholtzia polystachya from Two Different Locations in India. Planta Medica 58: 376-379.
Ephedra sinica	Shoot		6.0	-0.6695815733686479	--
Galeopsis tetrahit	Shoot		5.0	-0.7439795259651644	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Gossypium sp	Essential Oil		2400.0	-0.5279341211256221	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Levisticum officinale	Root	29.0	290.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Melissa officinalis	Plant	4.0	120.0	1.555886532696986	--
Mentha spicata	Essential Oil				--
Mentha spicata	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Micromeria thymifolia	Leaf		20.0	-0.23492057223516888	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.
Monarda fistulosa	Plant	1.0	124.0	1.6394240646538711	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Myristica fragrans	Seed Essent. Oil	2000.0	3000.0		--
Myristica fragrans	Essential Oil	2000.0	8000.0	1.4001731038549101	--
Myristica fragrans	Seed				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Myrtus communis	Plant	2.0	8.0	-0.7831643620957981	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ocimum basilicum	Essential Oil		1400.0	-0.8722389827292886	--
Ocimum gratissimum	Plant	1.0	65.0	0.4072454682898151	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pelargonium graveolens	Essential Oil				--
Pimenta racemosa	Leaf	20.0	70.0	1.544780732576718	--
Pimenta dioica	Leaf		9.0	-0.626454859293784	--
Pimenta dioica	Fruit		15.0	-0.7078723703089148	--
Pinus sylvestris	Resin, Exudate, Sap				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Piper cubeba	Fruit Essent. Oil		81000.0		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Piper cubeba	Essential Oil				--
Piper cubeba	Fruit	10400.0	20800.0	1.4142132859705265	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Sassafras albidum	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Satureja hortensis	Plant				--
Sideritis scardica	Shoot		34.0	1.4135610993338121	Menkovic, N., et al. 1991. The Essential Oil of Sideritis scardica. Pl. Med. 57. Suppl. 2. pp. A137-A132.
Teucrium polium	Plant				Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Thymus mastichina	Plant		1.0	-0.9293550430203471	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.