

List of Plants

ALPHA-CADINENE

Chemid

ALPHACADINENE

*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>Alpinia officinarum</i>	Rhizome	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Anethum graveolens</i>	Leaf	1.0	3.0	-0.42	*
<i>Artemisia annua</i>	Plant	--	--		Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY,NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
<i>Callicarpa americana</i>	Leaf	--	0.55	-0.43	*
<i>Chamaemelum nobile</i>	Plant	--	--		*
<i>Elsholtzia polystachya</i>	Leaf	--	30.0	-0.35	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 <i>Elsholtzia polystachya</i> from Two Different Locations in India. <i>Planta Medica</i> 58: 376-379.
<i>Elsholtzia polystachya</i>	Leaf	--	30.0	-0.35	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 <i>Elsholtzia polystachya</i> from Two Different Locations in India. <i>Planta Medica</i> 58: 376-379.
<i>Humulus lupulus</i>	Fruit	--	10.0		*
<i>Hyssopus officinalis</i>	Plant	--	--		*
<i>Laurus nobilis</i>	Leaf	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lavandula x intermedia</i>	Plant	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Melissa officinalis</i>	Shoot	--	0.1	-0.5	Deutsche Apot. Ziti. 129(4):155-163. W. Schulze et al. Die Melisse.
<i>Mentha x piperita</i>	Essential Oil	--	--		*
<i>Myroxylon balsamum</i>	Plant	--	--		*
<i>Ocimum basilicum</i>	Plant	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Pimenta racemosa</i>	Leaf	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pimenta dioica</i>	Plant	--	--		*
<i>Pinus sylvestris</i>	Wood	--	--		*
<i>Pinus walliciana</i>	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Pinus sylvestris</i>	Leaf Essent. Oil	--	--		*
<i>Plectranthus incanus</i>	Shoot	--	40.0	2.0	Shah, G.C., Bhandari, R. & Mathela, C.S. 1992. 1,2-Epoxy-p-Menthane Derivatives from some Labiatae Species. <i>J. Ess. Oil Res.</i> 4: 57-59.
<i>Rheum palmatum</i>	Rhizome	--	0.5		*

Syzygium aromaticum	Flower	--	--		*
Syzygium aromaticum	Fruit	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Tagetes lucida	Shoot	--	--		Bicchi, C., Fresia, M., Rubiolo, P., Monti, D., Franz, C., Goehler, I. 1997. Constituents of Tagetes lucida Cav. ssp. lucida essential oil. Flavor & Fragrance, 12(1): 47-52.
Teucrium divaricatum	Leaf	--	--	-0.43	Arnold, N., Bellomaria, B., Velentini G. and Rifaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Teucrium cyprium	Leaf	--	1090.0	2.64	Arnold, N., Bellomaria, B., Velentini G. and Rifaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Teucrium micropodioides	Leaf	--	--	-0.43	Arnold, N., Bellomaria, B., Velentini G. and Rifaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Teucrium kotschyannum	Leaf	--	70.0	-0.23	Arnold, N., Bellomaria, B., Velentini G. and Rifaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Thymus longicaulis	Shoot	--	--	-0.5	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of Thymus longicaulis C. Presl subsp. longicaulis in the same Population. J. Ess. Oil Res. 5: 291-5.
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Zingiber officinale	Rhizome Essent. Oil	--	--		*
Zingiber officinale	Rhizome	--	--		*