

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for TRANS-BETA-OCIMENE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acinos alpinus	Shoot		3.0	-0.46242526630071557	Velasco-Negueruela,A., Perez-Alonso,M.J., Jiminez,S.M. and Garcia,F.M. 1993. The Volatile Constituents of Acinus alpinus (L.) Moench ssp. meridionalis (Nyman). P.W. Ball Growing in Spain. Flav. & Frag. J. 8:127-130.)
Acinos alpinus	Shoot		3.0	-0.46242526630071557	Velasco-Negueruela,A., Perez-Alonso,M.J., Jiminez,S.M. and Garcia,F.M. 1993. The Volatile Constituents of Acinus alpinus (L.) Moench ssp. meridionalis (Nyman). P.W. Ball Growing in Spain. Flav. & Frag. J. 8:127-130.)
Agathosma betulina	Leaf Essent. Oil				--
Anethum graveolens	Leaf	6.0	20.0	-0.7318152701857925	--
Apium graveolens	Seed Essent. Oil				--
Artemisia dracunculus	Leaf				--
Artemisia dracunculus	Essential Oil				--
Avena sativa	Seed				--
Boswellia sacra	Resin Essent. Oil		13000.0		Abdel Wahab, S. M., Aboutabl, E. A., El-Zalabani, S. M., Fouad, H. A., De Pooter, H. L., El-Fallaha, B. 1987. The Essential Oil of Olibanum. Plant Med. 53 (4): 382-384.
Camellia sinensis	Leaf				--
Carum carvi	Seed				--
Citrus limon	Leaf Essent. Oil		7500.0	0.027166291246208063	Jim Duke's personal files.
Coriandrum sativum	Seed Essent. Oil		900.0		--
Eucalyptus globulus	Leaf Essent. Oil		1000.0	-1.3854808535566114	--
Ficus carica	Leaf Essent. Oil				--
Hesperis matronalis	Flower				Nielsen, J. K., Jakobsen, H. B., Friis, P., Hansen, K., Moller, J., Olsen, C. E. 1995. Asynchronous Rhythmus in the Emission of Volatiles from Hesperis matronalis Flowers. Phytochemistry, 38(4): 847-851.
Hyssopus officinalis	Leaf	1.0	140.0	-0.6821070631543047	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Hyssopus officinalis	Flower	6.0	66.0		--
Melaleuca viridiflora	Leaf	2000.0	5200.0	1.4139223333400972	--
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.
Mentha pulegium	Essential Oil		400.0	-1.0	--
Mentha pulegium	Plant	1.0	8.0	-1.0	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Origanum vulgare	Essential Oil		200000.0	1.0	--
Origanum vulgare	Shoot Essent. Oil		50400.0		--
Pastinaca sativa	Root				--
Petroselinum crispum	Leaf				--
Petroselinum crispum	Plant				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Pimenta dioica	Leaf Essent. Oil				--
Pinus sylvestris	Leaf Essent. Oil		14000.0	1.4398134360490273	--
Ribes nigrum	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Rosmarinus officinalis	Shoot		18.0	-0.3849093900349968	Tucker, A. O. and Maciarello, M. J. 1998. The essential oils of some rosemary cultivars. Flavor and Fragrance Journal, 1: 137-142. 1986.
Salvia officinalis	Leaf Essent. Oil				--
Salvia sclarea	Plant	4.4	42.0	1.0	Flavour and Fragrance Journal, 6: 154.
Satureja cuneifolia	Shoot		525.0	2.235127227746297	Tumen, G. 1991. The Volatile Constituents of Satureja cuneifolia. J. Ess. Oil Res., 3: 365-366.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tagetes minuta	Leaf Essent. Oil		7000.0	-0.08149887373862419	Zygadlo, J. S., Guzman, C. A., Grosso, N. R. 1994. Antifungal Properties of the Leaf Oils of Tagetes Minuta L. and T. filifolia Lag. J. Essent. Oil Res. 6 6: 617-621. Cat Quim Org Fac Cien Exact Univ Nacion Cordoba Cordoba 5000 Argentina.
Tagetes filifolia	Leaf Essent. Oil				Zygadlo, J. S., Guzman, C. A., Grosso, N. R. 1994. Antifungal Properties of the Leaf Oils of Tagetes Minuta L. and T. filifolia Lag. J. Essent. Oil Res. 6 6: 617-621. Cat Quim Org Fac Cien Exact Univ Nacion Cordoba Cordoba 5000 Argentina.
Tagetes minuta	Fruit Essent. Oil		394400.0		--
Tagetes minuta	Shoot Essent. Oil				--
Thymus funkii	Shoot		5.0	-0.45208981613195304	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of Thymus funkii Cousson. Flav. & Fragr. J. 10(6): 379-383.
Thymus funkii	Shoot				Vila, R., et al. 1995. Composition and study of the variability of the essential oil of Thymus funkii Cousson. Flav. & Fragr. J. 10(6): 379-383.
Trichostemma dichotomum	Shoot		0.9	-0.47327748897791616	Tucker, A.O. and Maciarelo, M.J. 1990. The Essential Oil of Trichostemma dichotomum. J. Ess. Oil Res. 2: 149-150.
Trifolium pratense	Flower				--
Trifolium pratense	Leaf				--
Trifolium pratense	Fruit				--