

# List of Plants

## C TRANS-BETA-OCIMENE

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TRANSBETAOCIMENE

\*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
Acinos alpinus	Shoot	--	3.0	-0.46	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	-0.46	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	-0.73	*
Apium graveolens	Seed Essent. Oil	--	--		*
Artemisia dracunculus	Essential Oil	--	--		*
Artemisia dracunculus	Leaf	--	--		*
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	0.03	Jim Duke's personal files.
Coriandrum sativum	Seed Essent. Oil	--	900.0		*
Eucalyptus globulus	Leaf Essent. Oil	--	1000.0	-1.39	*
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	-0.68	*
Hyssopus officinalis	Flower	6.0	66.0		*
Melaleuca viridiflora	Leaf	2000.0	5200.0	1.41	*
Mentha spicata	Leaf	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
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.
Mentha spicata	Essential Oil	--	--		*
Mentha pulegium	Essential Oil	--	400.0	-1.0	*

Origanum vulgare	Shoot Essent. Oil	--	50400.0		*
Origanum vulgare	Essential Oil	--	200000.0	1.0	*
Pastinaca sativa	Root	--	--		*
Petroselinum crispum	Plant	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Petroselinum crispum	Leaf	--	--		*
Pimenta dioica	Leaf Essent. Oil	--	--		*
Pinus sylvestris	Leaf Essent. Oil	--	14000.0	1.44	*
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	-0.38	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	2.24	Tumen, G. 1991. The Volatile Constituents of Satureja cuneifolia. J. Ess. Oil Res., 3: 365-366.
Tagetes minuta	Leaf Essent. Oil	--	7000.0	-0.08	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	--	--		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	--	5.0	-0.45	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	-0.47	Tucker, A.O. and Maciarello, M.J. 1990. The Essential Oil of Trichostemma dichotomum. J. Ess. Oil Res. 2: 149-150.
Trifolium pratense	Fruit	--	--		*
Trifolium pratense	Flower	--	--		*
Trifolium pratense	Leaf	--	--		*