List of Plants

C BETA-MYRCENE

Chemid

BETAMYRCENE

*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	Plant Part	Low PPM	High PPM	StdDev	*Reference
Acinos alpinus	Shoot	--	1.0	-0.36	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 suaveolens	Shoot	--	2400.0	4.54	Jim Duke's personal files.
Acinos alpinus	Shoot	--	1.0	-0.36	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.)
Ageratum conyzoides	Shoot	--	320.0	0.29	R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
Ageratum conyzoides	Plant	2.0	15.0	-1.0	*
Anethum graveolens	Seed Essent. Oil	--	--		*
Anethum graveolens	Plant	--	--		*
Anethum graveolens	Essential Oil	--	--		*
Angelica archangelica	Root	--	--		*
Artemisia dracunculus	Shoot	--	--		*
Carum carvi	Seed	--	--		*
Chamaemelum nobile	Plant	--	--		*
Cinnamomum camphora	Leaf	60.0	120.0	-0.46	*
Citrus sinensis	Fruit	--	--		Jim Duke's personal files.
Crocus sativus	Silk Stigma Style	--	--		*
Foeniculum vulgare	Essential Oil	6000.0	19000.0	-0.68	Jim Duke's personal files.
Hedychium flavum	Shoot	--	10.0	-0.34	*
Houttuynia cordata	Plant	--	--		*
Humulus lupulus	Essential Oil	420000.0	580000.0	1.71	*
Hyssopus officinalis	Shoot	--	50.0	-0.26	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (Hyssopus officinalis L.) J. Agric. Food Chem. 42: 776-781.
Hyssopus officinalis	Shoot	--	90.0	-0.18	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (Hyssopus officinalis L.) J. Agric. Food Chem. 42: 776-781.
Hyssopus officinalis	Shoot	--	70.0	-0.22	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (Hyssopus officinalis L.) J. Agric. Food Chem. 42: 776-781.
Hyssopus officinalis	Shoot	--	70.0	-0.22	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (Hyssopus officinalis L.) J. Agric. Food Chem. 42: 776-781.
Hyssopus officinalis	Shoot	--	130.0	-0.1	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (Hyssopus officinalis L.) J. Agric. Food Chem. 42: 776-781.
Hyssopus	Shoot	--	80.0	-0.2	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four

Hyssopus officinalis	Shoot	--	80.0	-0.2	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (Hyssopus officinalis L.) J. Agric. Food Chem. 42: 776-781.
Hyssopus officinalis	Shoot	--	120.0	-0.12	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (Hyssopus officinalis L.) J. Agric. Food Chem. 42: 776-781.
Hyssopus officinalis	Shoot	--	120.0	-0.12	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (Hyssopus officinalis L.) J. Agric. Food Chem. 42: 776-781.
Juniperus communis	Essential Oil	--	110000.0	-0.29	*
Laurus nobilis	Leaf Essent. Oil	--	--		*
Leonotis leonurus	Se	--	3.0		Pedro, L.G., Barroso, J.G., Marques, N.T., Ascensao, L., Pais, M.S.S. and Scheffer, J.J.C. 1991. Composition of the Essential Oil from Sepals of Leonotis leonurus R. Br. J. Ess. Oil Res. 3: 451-3
Melaleuca alternifolia	Leaf Essent. Oil	--	3000.0	-1.0	*
Melaleuca alternifolia	Essential Oil	--	4600.0	-0.74	*
Mentha aquatica	Shoot	--	26.0	-0.31	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha aquatica	Shoot	--	85.0	-0.19	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha aquatica	Shoot	--	37.0	-0.29	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha aquatica	Shoot	--	12.0	-0.34	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha aquatica	Shoot	--	36.0	-0.29	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha spicata	Leaf	700.0	1750.0	1.99	*
Micromeria varia	Shoot	--	60.0	-0.24	*
Micromeria varia	Shoot	--	60.0	-0.24	Pedro, L.G., et al. 1995. Composition of the Essential oil of Micromeria varia Benth. ssp. thymoides (Sol. ex Lowe) Perez var. thymoides, and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
Myrciaria dubia	Fruit	--	--		*
Ocimum basilicum	Plant	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Ocimum basilicum	Essential Oil	--	--		*
Peumus boldus	Leaf	1.6	6.0	-0.63	*
Pimenta racemosa	Leaf	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Pinus sylvestris	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Pinus sylvestris	Resin, Exudate, Sap	--	--		*
Pinus palustris	Resin, Exudate, Sap	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Ravensara aromatica	Leaf	--	40.0	-0.58	*
Ravensara aromatica	Bark	--	22.0		*
Salvia officinalis	Essential Oil	--	--		*
Salvia sclarea	Plant	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Tagetes minuta	Plant	374.0	1000.0	1.0	*
Trichostemma dichotomum	Shoot	--	26.0	-0.31	Tucker, A.O. and Maciarello, M.J. 1990. The Essential Oil of Trichostemma dichotomum. J. Ess. Oil Res. 2: 149-150.
Valeriana officinalis	Leaf	2.0	210.0	-0.32	Father Nature's Farmacy: The aggregate of all these three-letter citations.

Valeriana officinalis	Leaf Essent. Oil	900.0	8200.0	1.0	*
Zingiber officinale	Rf	2.0	950.0		*
Zingiber officinale	Rhizome Essent. Oil	--	--		*
Zingiber officinale	Rhizome	--	330.0		*

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