

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for BETA-IONONE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acacia farnesiana	Flower				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
Agathosma betulina	Leaf Essent. Oil				--
Aloysia citrodora	Plant	2.0	14.0	1.3846219390542787	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Aspalathus linearis	Leaf				--
Avena sativa	Seed				--
Averrhoa carambola	Fruit				--
Boronia megastigma	Flower	3800.0	7600.0	1.731719129430401	--
Camellia sinensis	Leaf Essent. Oil	200.0	3100.0	1.0	--
Camellia sinensis	Shoot	1700.0	2900.0	1.9998947757918648	--
Camellia sinensis	Leaf		31.0	0.13674821696188616	--
Capsicum frutescens	Fruit				--
Carthamus tinctorius	Leaf		0.09	-0.970249789050833	--
Carthamus tinctorius	Flower	0.07	0.88	-0.5939949516750141	--
Citrullus lanatus	Fruit Juice				--
Citrullus lanatus	Fruit				--
Coleus barbatus	Root Essent. Oil		64000.0		Jim Duke's personal files.
Cucumis melo	Petiole				--
Daucus carota	Seed		300.0		--
Ephedra sinica	Shoot		7.0	-0.5099506113180887	--
Ficus carica	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
Ginkgo biloba	Wood				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ginkgo biloba	Essential Oil				Jim Duke's personal files.
Hamamelis virginiana	Leaf		50.0	0.8172063895352172	--
Hyssopus officinalis	Leaf	0.3	4.0	-0.8302186598528475	Flavour and Fragrance Journal, 6: 72.
Hyssopus officinalis	Flower	0.6	6.0	-0.5924279733807828	Flavour and Fragrance Journal, 6: 72.
Lawsonia inermis	Flower Essent. Oil		720000.0		--
Lawsonia inermis	Flower	80.0	160.0	-0.5452962043746039	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Lycium chinense	Fruit		1090.0		Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
Medicago sativa	Leaf				--
Mentha x piperita	Leaf	0.3	3.0	-0.8660322478830228	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Mentha spicata	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Mentha spicata	Essential Oil				--
Nardostachys chinensis	Root				--
Nardostachys jatamansi	Root	25.0	180.0		--
Nepeta racemosa	Shoot		13.0	-0.5047452631249814	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of Nepeta racemosa Lam. J. Ess. Oil Res. 5: 215-7.
Nepeta racemosa	Shoot		13.0	-0.5047452631249814	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of Nepeta racemosa Lam. J. Ess. Oil Res. 5: 215-7.
Ocimum basilicum	Shoot Essent. Oil		1600.0		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Origanum vulgare	Plant		3.0	-0.44307902049736897	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
Origanum vulgare	Plant		0.0	-0.9415429185569092	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
Prunus cerasus	Plant				--
Psidium guajava	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Rubus idaeus	Plant				--
Saussurea lappa	Root				--
Sideritis scardica	Shoot		41.0	-0.4804536382238135	Menkovic, N., et al. 1991. The Essential Oil of Sideritis scardica. Pl. Med. 57. Suppl. 2. pp. A137-A132.
Stevia rebaudiana	Flower				Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Stevia rebaudiana	Leaf				Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Tamarindus indica	Fruit				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Triticum aestivum	Plant				--
Vaccinium corymbosum	Plant				--
Valeriana officinalis	Leaf	4.0	75.0	1.7125460902896001	Father Nature's Farmacy: The aggregate of all these three-letter citations.
Valeriana officinalis	Leaf Essent. Oil	1800.0	3000.0	-1.0	--
Valeriana officinalis	Root				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Viola odorata	Flower				--
Vitis vinifera	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Zea mays	Silk Essent. Oil		1000.0		--
Zea mays	Plant				--
Zea mays	Silk Stigma Style				--
Zea mays	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Zea mays	Husk Essent. Oil		12000.0		--
Zingiber officinale	Rhizome				--
Zingiber officinale	Rhizome Essent. Oil				--