

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for BENZYL-ALCOHOL

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acacia farnesiana	Flower				--
Albizia lebeck	Flower				Wealth of India.
Aspalathus linearis	Leaf Essent. Oil				--
Callicarpa americana	Leaf		2.0	-0.7615237280715296	--
Camellia sinensis	Shoot	900.0	1400.0	1.0	--
Camellia sinensis	Leaf				--
Camellia sinensis	Leaf Essent. Oil		10100.0		--
Cananga odorata	Flower				--
Carica papaya	Fruit		0.0	-0.7177394965097122	Jim Duke's personal files.
Cinnamomum verum	Bark				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cinnamomum verum	Root Bark				--
Citrullus colocynthis	Petiole				--
Citrullus lanatus	Fruit Juice				--
Citrus reticulata	Fruit	1.0	2.0	1.4141599980735915	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eruca sativa	Hs				--
Ficus carica	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ficus carica	Fruit				--
Filipendula ulmaria	Essential Oil		20000.0	-1.0	Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Filipendula ulmaria	Flower Essent. Oil		21000.0		--
Glycyrrhiza glabra	Rhizome Essent. Oil				--
Glycyrrhiza glabra	Root				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
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.
Hibiscus sabdariffa	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
Hibiscus sabdariffa	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
Hyacinthus orientalis	Flower	64.0	920.0	2.0468130515884493	--
Hyssopus officinalis	Flower	3.0	32.0	-0.7063856201770791	Flavour and Fragrance Journal, 6: 72.
Hyssopus officinalis	Essential Oil				--
Hyssopus officinalis	Leaf	0.1	30.0	1.601098364560363	Flavour and Fragrance Journal, 6: 72.
Iris x germanica	Rhizome				--
Jasminum officinale	Flower	120.0	228.0	-0.09869762505766078	--
Juglans nigra	Essential Oil		29000.0	1.0	--
Juglans nigra	Fruit				--
Levisticum officinale	Root	3.0	30.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ligustrum japonicum	Flower				--
Liquidambar orientalis	Resin, Exudate, Sap				--
Liquidambar styraciflua	Resin, Exudate, Sap				--
Lonicera japonica	Flower				Schlotzhauer, W.S., S.D. Pair, and R.J. Horvat. 1996. Volatile constituents from the flowers of Japanese Honeysuckle. J. Agric. Food Chem. 44:206-209.
Lycopersicon esculentum	Fruit				--
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				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mentha x piperita	Leaf	0.01	0.1	-0.9218445129286937	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Menyanthes trifoliata	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
Morinda citrifolia	Fruit		0.02	-0.6964205015638791	--
Myroxylon balsamum	Plant				--
Narcissus tazetta	Flower	165.0	360.0	0.31056163696153943	--
Ocimum basilicum	Essential Oil				--
Origanum minutiflorum	Shoot	0.1	2.0	-1.0	Baser, K.H.C., Tumen, G., Sezik, E. 1991. The Essential Oil of Origanum minutiflorum O. Schwarz and P.H. Davis. J. Ess. Oil Res. 3: 445-446.
Phaseolus vulgaris	Stem Essent. Oil				--
Polianthes tuberosa	Flower				--
Prunus persica	Fruit				--
Prunus laurocerasus	Leaf				--
Prunus armeniaca	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6. Springer-Verlag, Berlin, 1969-1979.
Pueraria montana	Fruit Essent. Oil				--
Rheum palmatum	Rhizome		0.5		--
Robinia pseudoacacia	Flower				--
Rosmarinus officinalis	Plant	7.0	32.0	1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Sambucus nigra	Leaf Essent. Oil				--
Sambucus nigra	Flower Essent. Oil				--
Sarracenia flava	Essential Oil				--
Stevia rebaudiana	Leaf		12.0	0.08226987643986065	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Stevia rebaudiana	Flower		4.0	-0.7931981909084246	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Stevia rebaudiana	Plant		10.0	-1.0	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.
Syzygium aromaticum	Plant				--
Tanacetum parthenium	Fruit Essent. Oil				--
Trifolium pratense	Root				--
Trifolium pratense	Plant				--
Trifolium pratense	Flower		15.0	-0.7590932524068246	Buchnauer, G., Jirovetz, L., Nikiforov, A. 1996. Comparative Investigation of Essential Clover Flower Oils from Austria Using Gas Chromatography-Flame Ionization Detection, Gas Chromatography-Mass Spectrometry, and Gas Chrom.-Olfactometry. J. Agr. Food Chem. 44:1827-8
Vaccinium myrtillus	Fruit Juice		0.08		--
Vaccinium macrocarpon	Fruit				--
Vaccinium corymbosum	Fruit Juice	0.01	0.08		--
Vanilla planifolia	Fruit				--
Verbascum thapsus	Seed				--
Viola odorata	Leaf				--
Viola odorata	Flower				--
Vitis vinifera	Leaf				--