

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for BENZYL-ALCOHOL

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vitis vinifera	Leaf				--
Viola odorata	Flower				--
Viola odorata	Leaf				--
Verbascum thapsus	Seed				--
Vanilla planifolia	Fruit				--
Vaccinium corymbosum	Fruit Juice	0.01	0.08		--
Vaccinium macrocarpon	Fruit				--
Vaccinium myrtillus	Fruit Juice		0.08		--
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. Agrc. Food Chem. 44:1827-8
Trifolium pratense	Plant				--
Trifolium pratense	Root				--
Tanacetum parthenium	Fruit Essent. Oil				--
Syzygium aromaticum	Plant				--
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.
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.
Sarracenia flava	Essential Oil				--
Sambucus nigra	Flower Essent. Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Sambucus nigra	Leaf Essent. Oil				--
Rosmarinus officinalis	Plant	7.0	32.0	1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Robinia pseudoacacia	Flower				--
Rheum palmatum	Rhizome		0.5		--
Pueraria montana	Fruit Essent. Oil				--
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.
Prunus persica	Fruit				--
Polianthes tuberosa	Flower				--
Phaseolus vulgaris	Stem Essent. 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.
Ocimum basilicum	Essential Oil				--
Narcissus tazetta	Flower	165.0	360.0	0.31056163696153943	--
Myroxylon balsamum	Plant				--
Morinda citrifolia	Fruit		0.02	-0.6964205015638791	--
Menyanthes trifoliata	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
Mentha spicata	Essential Oil				--
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.
Mentha spicata	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Lycopersicon esculentum	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
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.
Liquidambar styraciflua	Resin, Exudate, Sap				--
Liquidambar orientalis	Resin, Exudate, Sap				--
Ligustrum japonicum	Flower				--
Levisticum officinale	Root	3.0	30.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Juglans nigra	Essential Oil		29000.0	1.0	--
Juglans nigra	Fruit				--
Jasminum officinale	Flower	120.0	228.0	-0.09869762505766078	--
Iris x germanica	Rhizome				--
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.
Hyacinthus orientalis	Flower	64.0	920.0	2.0468130515884493	--
Hibiscus sabdariffa	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
Hibiscus sabdariffa	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
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.
Glycyrrhiza glabra	Rhizome Essent. Oil				--
Glycyrrhiza glabra	Root				--
Filipendula ulmaria	Flower Essent. Oil		21000.0		--
Filipendula ulmaria	Essential Oil		20000.0	-1.0	Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Ficus carica	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ficus carica	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Eruca sativa	Hs				--
Citrus reticulata	Fruit	1.0	2.0	1.4141599980735915	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrullus colocynthis	Petiole				--
Citrullus lanatus	Fruit Juice				--
Cinnamomum verum	Root Bark				--
Cinnamomum verum	Bark				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Carica papaya	Fruit		0.0	-0.7177394965097122	Jim Duke's personal files.
Cananga odorata	Flower				--
Camellia sinensis	Shoot	900.0	1400.0	1.0	--
Camellia sinensis	Leaf				--
Camellia sinensis	Leaf Essent. Oil		10100.0		--
Callicarpa americana	Leaf		2.0	-0.7615237280715296	--
Aspalathus linearis	Leaf Essent. Oil				--
Albizia lebbeck	Flower				Wealth of India.
Acacia farnesiana	Flower				--