

Dr. Duke's Phytochemical and Ethnobotanical Database

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	-0.7615237280715296	--
Camellia sinensis	Leaf	--	--		--
Camellia sinensis	Shoot	900	1400	1	--
Camellia sinensis	Leaf Essent. Oil	--	10100		--
Cananga odorata	Flower	--	--		--
Carica papaya	Fruit	--	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	2	1.4141599980735915	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eruca sativa	Hs	--	--		--
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.
Filipendula ulmaria	Flower Essent. Oil	--	21000		--
Filipendula ulmaria	Essential Oil	--	20000	-1	Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Glycyrrhiza glabra	Root	--	--		--
Glycyrrhiza glabra	Rhizome 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.
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	920	2.0468130515884493	--
Hyssopus officinalis	Flower	3	32	-0.7063856201770791	Flavour and Fragrance Journal, 6: 72.
Hyssopus officinalis	Leaf	0.1	30	1.601098364560363	Flavour and Fragrance Journal, 6: 72.
Hyssopus officinalis	Essential Oil	--	--		--
Iris x germanica	Rhizome	--	--		--
Jasminum officinale	Flower	120	228	-0.09869762505766078	--
Juglans nigra	Fruit	--	--		--
Juglans nigra	Essential Oil	--	29000	1	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Levisticum officinale	Root	3	30		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	--	--		--
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	360	0.31056163696153943	--
Ocimum basilicum	Essential Oil	--	--		--
Origanum minutiflorum	Shoot	0.1	2	-1	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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Phaseolus vulgaris	Stem Essent. Oil	--	--		--
Polianthes tuberosa	Flower	--	--		--
Prunus armeniaca	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Prunus laurocerasus	Leaf	--	--		--
Prunus persica	Fruit	--	--		--
Pueraria montana	Fruit Essent. Oil	--	--		--
Rheum palmatum	Rhizome	--	0.5		--
Robinia pseudoacacia	Flower	--	--		--
Rosmarinus officinalis	Plant	7	32	1	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Sambucus nigra	Flower Essent. Oil	--	--		--
Sambucus nigra	Leaf Essent. Oil	--	--		--
Sarracenia flava	Essential Oil	--	--		--
Stevia rebaudiana	Flower	--	4	-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	Leaf	--	12	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	Plant	--	10	-1	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	Plant	--	--		--
Trifolium pratense	Flower	--	15	-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.Agric.Food Chem.44:1827-8
Trifolium pratense	Root	--	--		--
Vaccinium corymbosum	Fruit Juice	0.01	0.08		--
Vaccinium macrocarpon	Fruit	--	--		--
Vaccinium myrtillus	Fruit Juice	0.08	0.08		--
Vanilla planifolia	Fruit	--	--		--
Verbascum thapsus	Seed	--	--		--
Viola odorata	Flower	--	--		--
Viola odorata	Leaf	--	--		--
Vitis vinifera	Leaf	--	--		--