

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for BENZYL-ALCOHOL

Plant	Part	Low PPM	High PPM	StdDev	Reference
Juglans nigra	Essential Oil		29000.0	1.0	--
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.
Camellia sinensis	Leaf Essent. Oil		10100.0		--
Camellia sinensis	Shoot	900.0	1400.0	1.0	--
Hyacinthus orientalis	Flower	64.0	920.0	2.0468130515884493	--
Narcissus tazetta	Flower	165.0	360.0	0.31056163696153943	--
Jasminum officinale	Flower	120.0	228.0	-0.09869762505766078	--
Hyssopus officinalis	Flower	3.0	32.0	-0.7063856201770791	Flavour and Fragrance Journal, 6: 72.
Rosmarinus officinalis	Plant	7.0	32.0	1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Hyssopus officinalis	Leaf	0.1	30.0	1.601098364560363	Flavour and Fragrance Journal, 6: 72.
Levisticum officinale	Root	3.0	30.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
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
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.
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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Stevia rebaudiana</i>	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.
<i>Citrus reticulata</i>	Fruit	1.0	2.0	1.4141599980735915	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Callicarpa americana</i>	Leaf		2.0	-0.7615237280715296	--
<i>Origanum minutiflorum</i>	Shoot	0.1	2.0	-1.0	Baser, K.H.C., Tumen, G., Sezik, E. 1991. The Essential Oil of <i>Origanum minutiflorum</i> O. Schwarz and P.H. Davis. J. Ess. Oil Res. 3: 445-446.
<i>Rheum palmatum</i>	Rhizome		0.5		--
<i>Mentha x piperita</i>	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.
<i>Vaccinium myrtillus</i>	Fruit Juice		0.08		--
<i>Vaccinium corymbosum</i>	Fruit Juice	0.01	0.08		--
<i>Morinda citrifolia</i>	Fruit		0.02	-0.6964205015638791	--
<i>Carica papaya</i>	Fruit		0.0	-0.7177394965097122	Jim Duke's personal files.
<i>Juglans nigra</i>	Fruit				--
<i>Vanilla planifolia</i>	Fruit				--
<i>Cinnamomum verum</i>	Bark				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Hyssopus officinalis</i>	Essential Oil				--
<i>Cinnamomum verum</i>	Root Bark				--
<i>Tanacetum parthenium</i>	Fruit Essent. Oil				--
<i>Polianthes tuberosa</i>	Flower				--
<i>Ligustrum japonicum</i>	Flower				--
<i>Aspalathus linearis</i>	Leaf Essent. Oil				--
<i>Albizia lebeck</i>	Flower				Wealth of India.
<i>Pueraria montana</i>	Fruit Essent. Oil				--
<i>Glycyrrhiza glabra</i>	Rhizome Essent. Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Hibiscus sabdariffa	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
Hibiscus sabdariffa	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
Robinia pseudoacacia	Flower				--
Myroxylon balsamum	Plant				--
Citrullus lanatus	Fruit Juice				--
Liquidambar orientalis	Resin, Exudate, Sap				--
Syzygium aromaticum	Plant				--
Viola odorata	Flower				--
Viola odorata	Leaf				--
Acacia farnesiana	Flower				--
Verbascum thapsus	Seed				--
Ocimum basilicum	Essential Oil				--
Menyanthes trifoliata	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
Lycopersicon esculentum	Fruit				--
Vaccinium macrocarpon	Fruit				--
Liquidambar styraciflua	Resin, Exudate, Sap				--
Cananga odorata	Flower				--
Vitis vinifera	Leaf				--
Mentha spicata	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
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.
Prunus armeniaca	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mentha spicata	Essential Oil				--
Phaseolus vulgaris	Stem Essent. Oil				--
Prunus laurocerasus	Leaf				--
Ficus carica	Fruit				--
Ficus carica	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Trifolium pratense	Root				--
Glycyrrhiza glabra	Root				--
Trifolium pratense	Plant				--
Eruca sativa	Hs				--
Sambucus nigra	Flower Essent. Oil				--
Sambucus nigra	Leaf Essent. Oil				--
Prunus persica	Fruit				--
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.
Camellia sinensis	Leaf				--
Citrullus colocynthis	Petiole				--
Iris x germanica	Rhizome				--
Sarracenia flava	Essential Oil				--