

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for PHENYL-ACETALDEHYDE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tamarindus indica	Fruit Essent. Oil		101100.0		--
Camellia sinensis	Shoot	15200.0	17800.0		--
Aspalathus linearis	Leaf Essent. Oil		17100.0		--
Zea mays	Husk Essent. Oil		13000.0		--
Zea mays	Silk Essent. Oil		1000.0		--
Tagetes minuta	Plant	65.0	175.0		--
Carthamus tinctorius	Flower		1.22	0.9999999999999999	--
Lonicera japonica	Flower	0.2	0.4	-0.9999999999999999	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.
Carthamus tinctorius	Leaf		0.07		--
Vaccinium myrtillus	Fruit Juice		0.003		--
Sarracenia flava	Essential Oil				--
Diospyros virginiana	Fruit				--
Zea mays	Seed Essent. Oil				--
Mentha spicata	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Lycopersicon esculentum	Fruit				--
Helianthus annuus	Flower				--
Sambucus nigra	Fruit				--
Sambucus nigra	Leaf Essent. Oil				--
Arctium lappa	Root				--
Petroselinum crispum	Leaf				--
Scutellaria baicalensis	Root Essent. Oil				--
Nicotiana tabacum	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Solanum tuberosum	Plant				--

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. <i>Phytochemistry</i> , 38(4): 847-851.
Cynara cardunculus	Flower				Leung, A.Y., <i>Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics</i> , John Wiley & Sons, New York, 1980.
Vanilla planifolia	Fruit				--
Glycyrrhiza glabra	Root				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. <i>Nippon Gogeikagaku Kaishi</i> 61(9): 1119-1122.
Panax ginseng	Shoot				--
Mentha spicata	Essential Oil				--
Zea mays	Plant				--