

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for PHENYL-ACETALDEHYDE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Arctium lappa	Root				--
Aspalathus linearis	Leaf Essent. Oil		17100.0		--
Camellia sinensis	Shoot	15200.0	17800.0		--
Carthamus tinctorius	Flower		1.22	0.9999999999999999	--
Carthamus tinctorius	Leaf		0.07		--
Cynara cardunculus	Flower				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Diospyros virginiana	Fruit				--
Glycyrrhiza glabra	Root				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
Helianthus annuus	Flower				--
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.
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.
Lycopersicon esculentum	Fruit				--
Mentha spicata	Essential Oil				--
Mentha spicata	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Nicotiana tabacum	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Panax ginseng	Shoot				--
Petroselinum crispum	Leaf				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Sambucus nigra	Leaf Essent. Oil				--
Sambucus nigra	Fruit				--
Sarracenia flava	Essential Oil				--
Scutellaria baicalensis	Root Essent. Oil				--
Solanum tuberosum	Plant				--
Tagetes minuta	Plant	65.0	175.0		--
Tamarindus indica	Fruit Essent. Oil		101100.0		--
Vaccinium myrtillus	Fruit Juice		0.003		--
Vanilla planifolia	Fruit				--
Zea mays	Seed Essent. Oil				--
Zea mays	Husk Essent. Oil		13000.0		--
Zea mays	Plant				--
Zea mays	Silk Essent. Oil		1000.0		--