

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ACETALDEHYDE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acacia catechu	Plant				--
Allium sativum var. sativum	Bulb				Kim, S. M., Wu, C. M., Kobayashi, A., Kubota, K., Okumura, J. 1995. Volatile Compounds in Stir-Fried Garlic. J. Agric. Food Chem., 43(11): 2951-2955.
Ananas comosus	Fruit	0.61	1.4	-0.7074252260202778	--
Angelica archangelica	Seed				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Annona muricata	Plant				--
Apium graveolens	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Apium graveolens	Shoot				--
Brassica oleracea var. capitata l.	Leaf				Wealth of India.
Camellia sinensis	Leaf				--
Cannabis sativa	Plant				Turner, C. E., El Sohly, M. A., Boeren, E. G. 1980. Constituents of Cannabis sativa L. XVII. A Review of the Natural Constituents. J Natural Products, 432: 169-234.
Carum carvi	Seed				--
Carum carvi	Fruit				--
Cinnamomum camphora	Plant				--
Citrus mitis	Fruit Juice		2.4	-1.0	--
Citrus sinensis	Fruit Juice	3.0	15.0	1.0	--
Citrus aurantium	Plant				--
Citrus reticulata	Fruit	0.0	2.0	-0.7067882885418681	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Coffea arabica	Seed				--
Cucumis melo	Petiole				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Daucus carota	Root				--
Eruca sativa	Hs				--
Ficus carica	Fruit				--
Glycine max	Plant				--
Hamamelis virginiana	Leaf		160.0		--
Houttuynia cordata	Plant				--
Iris x germanica	Rhizome				--
Lavandula x intermedia	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Lycopersicon esculentum	Fruit				--
Malus domestica	Fruit Juice				Miyake, T., Shibamoto, T. 1993. Quantitative Analysis of Acetaldehyde in Foods and Beverages. J. Agr. Food Chem, 41(11): 1968-1970.
Malus domestica	Plant				--
Malus domestica	Fruit				--
Mentha x piperita	Plant				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Mentha spicata	Essential Oil				--
Micromeria fruticosa	Shoot				Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of Micromeria fruticosa (L.) Druce subsp. barbata (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
Micromeria fruticosa	Shoot		0.1		Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of Micromeria fruticosa (L.) Druce subsp. barbata (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
Nicotiana tabacum	Leaf				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
Oryza sativa	Plant				--
Pelargonium graveolens	Essential Oil				--
Phoenix dactylifera	Fruit				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Pimpinella anisum	Seed				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Pimpinella anisum	Fruit				--
Prunus persica	Plant				--
Psidium guajava	Fruit		2000.0	1.4142135145621455	--
Ribes nigrum	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Sambucus nigra	Leaf Essent. Oil				--
Sambucus nigra	Flower Essent. Oil				--
Solanum tuberosum	Plant				--
Telosma cordata	Flower		1026.0		K. Furukawa, T. Arai, S. Hashimoto, (1993); Volatile components of Telosma cordata Merrill flowers, Flavour Fragr. J., Vol 8, 221-223.
Vanilla planifolia	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Zingiber officinale	Rhizome				--
Zingiber officinale	Essential Oil				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.