

C ACETALDEHYDE

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ACETALDEHYDE

ubiquitous

Yes

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

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	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
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	Fruit	--	--		--
Carum carvi	Seed	--	--		--
Cinnamomum camphora	Plant	--	--		--
Citrus aurantium	Plant	--	--		--
Citrus mitis	Fruit Juice	2.4	2.4	-1	--
Citrus reticulata	Fruit	0	2	-0.7067882885418681	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus sinensis	Fruit Juice	3	15	1	--
Coffea arabica	Seed	--	--		--
Cucumis melo	Petiole	--	--		--
Daucus carota	Root	--	--		--
Eruca sativa	Hs	--	--		--
Ficus carica	Fruit	--	--		--
Glycine max	Plant	--	--		--
Hamamelis virginiana	Leaf	160	160		--
Houttuynia cordata	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
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	Plant	--	--		--
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	Fruit	--	--		--
Mentha spicata	Essential Oil	--	--		--
Mentha x piperita	Plant	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Micromeria fruticosa	Shoot	0.1	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.
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.
Nicotiana tabacum	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pimpinella anisum	Fruit	--	--		--
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.
Prunus persica	Plant	--	--		--
Psidium guajava	Fruit	--	2000	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	Flower Essent. Oil	--	--		--
Sambucus nigra	Leaf Essent. Oil	--	--		--
Solanum tuberosum	Plant	--	--		--
Telosma cordata	Flower	1026	1026		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	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.
Zingiber officinale	Rhizome	--	--		--