

List of Plants

ACETALDEHYDE

Chemid

ACETALDEHYDE

Dosage

LD50=500 (ipr rat) Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.

LD50=1,900-1,930 (orl rat) CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.

*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	-0.71	*
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	--	2.0	-0.71	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Coffea arabica	Seed	--	--		*

Cucumis melo	Petiole	--	--		*
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	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 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.
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	1.41	*
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 <i>Glycyrrhiza-glabra</i> . <i>Nippon Gogeikagaku Kaishi</i> 61(9): 1119-1122.
---------------------	---------------	----	----	---