

# List of Plants

## BETA-IONONE

Chemid  
BETAIONONE

Dosage

LD100=100 ug/ml

LD50=4,590 (orl rat)

\*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 farnesiana	Flower	--	--		Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
Agathosma betulina	Leaf Essent. Oil	--	--		*
Aloysia citrodora	Plant	2.0	14.0	1.38	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Aspalathus linearis	Leaf	--	--		*
Avena sativa	Seed	--	--		*
Averrhoa carambola	Fruit	--	--		*
Boronia megastigma	Flower	3800.0	7600.0	1.73	*
Camellia sinensis	Leaf Essent. Oil	200.0	3100.0	1.0	*
Camellia sinensis	Shoot	1700.0	2900.0	2.0	*
Camellia sinensis	Leaf	--	31.0	0.14	*
Capsicum frutescens	Fruit	--	--		*
Carthamus tinctorius	Leaf	--	0.09	-0.97	*
Carthamus tinctorius	Flower	0.07	0.88	-0.59	*
Citrullus lanatus	Fruit Juice	--	--		*
Citrullus lanatus	Fruit	--	--		*
Coleus barbatus	Root Essent. Oil	--	64000.0		Jim Duke's personal files.
Cucumis melo	Petiole	--	--		*
Daucus carota	Seed	--	300.0		*
Ephedra sinica	Shoot	--	7.0	-0.51	*
Ficus carica	Leaf	--	--		Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
Ginkgo biloba	Wood	--	--		Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
Ginkgo biloba	Essential Oil	--	--		Jim Duke's personal files.

Hamamelis virginiana	Leaf	--	50.0	0.82	*
Hyssopus officinalis	Leaf	0.3	4.0	-0.83	Flavour and Fragrance Journal, 6: 72.
Hyssopus officinalis	Flower	0.6	6.0	-0.59	Flavour and Fragrance Journal, 6: 72.
Lawsonia inermis	Flower Essent. Oil	--	720000.0		*
Lawsonia inermis	Flower	80.0	160.0	-0.55	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Lycium chinense	Fruit	--	1090.0		Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
Medicago sativa	Leaf	--	--		*
Mentha x piperita	Leaf	0.3	3.0	-0.87	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Mentha spicata	Leaf	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Mentha spicata	Essential Oil	--	--		*
Nardostachys chinensis	Root	--	--		*
Nardostachys jatamansi	Root	25.0	180.0		*
Nepeta racemosa	Shoot	--	13.0	-0.5	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of Nepeta racemosa Lam. J. Ess. Oil Res. 5: 215-7.
Nepeta racemosa	Shoot	--	13.0	-0.5	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of Nepeta racemosa Lam. J. Ess. Oil Res. 5: 215-7.
Ocimum basilicum	Shoot Essent. Oil	--	1600.0		*
Origanum vulgare	Plant	--	3.0	-0.44	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
Origanum vulgare	Plant	--	--	-0.94	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
Prunus cerasus	Plant	--	--		*
Psidium guajava	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Rubus idaeus	Plant	--	--		*
Saussurea lappa	Root	--	--		*
Sideritis scardica	Shoot	--	41.0	-0.48	Menkovic, N., et al. 1991. The Essential Oil of Sideritis scardica. Pl. Med. 57. Suppl. 2. pp. A137-A132.
Stevia rebaudiana	Flower	--	--		Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Stevia rebaudiana	Leaf	--	--		Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Tamarindus indica	Fruit	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Triticum aestivum	Plant	--	--		*
Vaccinium corymbosum	Plant	--	--		*
Valeriana officinalis	Leaf	4.0	75.0	1.71	Father Nature's Farmacy: The aggregate of all these three-letter citations.
Valeriana officinalis	Leaf Essent. Oil	1800.0	3000.0	-1.0	*
Valeriana officinalis	Root	--	--		*
Viola odorata	Flower	--	--		*

Vitis vinifera	Fruit	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Zea mays	Silk Essent. Oil	--	1000.0		*
Zea mays	Plant	--	--		*
Zea mays	Silk Stigma Style	--	--		*
Zea mays	Leaf	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Zea mays	Husk Essent. Oil	--	12000.0		*
Zingiber officinale	Rhizome	--	--		*
Zingiber officinale	Rhizome Essent. Oil	--	--		*