

List of Plants

TARTARIC-ACID

Chemid
TARTARICACID

Dosage

LD50=4,360 mg/kg (orl rat) Zebovitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. Compendium of Safety Data Sheets for Research and Industrial Chemicals. VCH Publishers, New York. 3560-4253.

ADI=30 mg/kg Martindale's 28th

LDLo=5,000 (orl dog)

*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
Aegle marmelos	Fruit	21.0	47.0	-0.66	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Allium cepa	Bulb	--	--		*
Annona squamosa	Plant	--	--		*
Apium graveolens	Pt	--	--		*
Apium graveolens	Root	--	--		*
Avena sativa	Hull Husk	--	--		*
Avena sativa	Petiole	--	--		*
Averrhoa carambola	Fruit	9100.0	43700.0	0.12	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Berberis vulgaris	Plant	--	--		*
Beta vulgaris	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Capparis spinosa	Plant	--	--		*
Capsella bursa-pastoris	Plant	--	--		*
Carica papaya	Fruit	3150.0	23333.0	-0.24	*
Chaenomeles lagenaria	Fruit	--	--		*
Chenopodium ambrosioides	Plant	--	--		*
Cichorium intybus	Plant	--	--		*
Cichorium intybus	Shoot	--	--		*
Cornus officinalis	Fruit	--	--		*
Crataegus rhipidophylla	Bark	--	--		*
Crataegus rhipidophylla	Fruit	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
Crataegus laevigata	Bark	--	--		*

<i>Crataegus laevigata</i>	Fruit	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Cydonia oblonga</i>	Seed	--	--		*
<i>Daucus carota</i>	Root	--	--		*
<i>Euonymus atropurpureus</i>	Plant	--	--		*
<i>Ficus carica</i>	Fruit	--	--		Abstract (See species file)
<i>Foeniculum vulgare</i>	Seed	--	--		Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
<i>Foeniculum vulgare</i>	Fruit	--	--		*
<i>Garcinia cambogia</i>	Fruit	--	--		*
<i>Helianthus annuus</i>	Seed	--	1900.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Hibiscus sabdariffa</i>	Root	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Hibiscus sabdariffa</i>	Flower	6233.0	56667.0		*
<i>Ledum palustre</i>	Plant	--	--		*
<i>Lycopersicon esculentum</i>	Fruit	--	--		*
<i>Morus alba</i>	Leaf	--	--		*
<i>Musa x paradisiaca</i>	Fruit	--	--		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.
<i>Opuntia ficus-indica</i>	Fruit	--	--		*
<i>Panax ginseng</i>	Root	--	--		*
<i>Panax quinquefolius</i>	Plant	--	--		*
<i>Papaver somniferum</i>	Latex Exudate	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Parthenocissus quinquefolia</i>	Fruit	--	--		*
<i>Persea americana</i>	Fruit	--	200.0	-0.65	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Petroselinum crispum</i>	Root	--	--		*
<i>Physalis peruviana</i>	Fruit	--	--		*
<i>Polygonum hydropiperoides</i>	Plant	--	--		*
<i>Prunus armeniaca</i>	Fruit	--	--		*
<i>Prunus domestica</i>	Fruit	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Prunus cerasus</i>	Fruit	--	--		*
<i>Punica granatum</i>	Fruit	--	--		*
<i>Quisqualis indica</i>	Fruit	--	--		*
<i>Rhus glabra</i>	Plant	--	--		*
<i>Ribes uva-crispa</i>	Fruit	--	--		*
<i>Ribes rubrum</i>	Fruit	--	--		*
<i>Rosa centifolia</i>	Flower	--	--		*
<i>Rosa gallica</i>	Flower	--	--		*
<i>Rubus chingii</i>	Fruit	--	--		*

Rumex acetosa	Leaf	--	--		*
Rumex acetosella	Plant	--	--		*
Schisandra chinensis	Fruit	5000.0	33333.0	-0.06	*
Schisandra chinensis	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
Solanum tuberosum	Plant	--	--		*
Sophora pachycarpa	Leaf	--	--		*
Sorbus aucubaria	Fruit	--	--		*
Spondias mombin	Fruit	--	15000.0	-0.39	*
Stevia rebaudiana	Plant	--	17150.0		Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Tamarindus indica	Leaf	120000.0	280000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Tamarindus indica	Fruit	80000.0	180000.0	2.55	*
Taraxacum officinale	Root	--	--		*
Taraxacum officinale	Plant	--	--		*
Theobroma cacao	Seed	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Tussilago farfara	Flower	--	--		*
Urtica dioica	Plant	--	--		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.
Vitis vinifera	Fruit	15.0	20.0	-0.66	*
Vitis vinifera	Leaf	--	--		*
Zea mays	Silk Stigma Style	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.