

List of Plants

QUINIC-ACID

Chemid

QUINICACID

Dosage

LD50=10,000 (scu mus)

*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
<i>Aconitum napellus</i>	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Actinidia chinensis</i>	Fruit	--	--		*
<i>Adiantum capillus-veneris</i>	Plant	--	--		*
<i>Allium cepa</i>	Bulb	--	--		*
<i>Allium schoenoprasum</i>	Leaf	--	--		*
<i>Angelica archangelica</i>	Plant	--	--		Pakistan Encyclopedia Planta Medica. 1986.
<i>Anogeissus latifolia</i>	Plant	--	--		*
<i>Apium graveolens</i>	Pt	--	--		*
<i>Apium graveolens</i>	Root	--	--		*
<i>Arctostaphylos uva-ursi</i>	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Beta vulgaris</i>	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Brassica oleracea</i> var. <i>gemmifera</i>	Leaf	--	--		*
<i>Brassica oleracea</i> var. <i>botrytis</i> L.	Flower	--	--		*
<i>Brassica oleracea</i> var. <i>sabellica</i> L.	Leaf	--	--		*
<i>Brassica oleracea</i> var. <i>botrytis</i> L.	Leaf	--	--		*
<i>Brassica oleracea</i> var. <i>capitata</i> L.	Leaf	--	--		Jim Duke's personal files.
<i>Brassica oleracea</i> var. <i>italica</i>	Leaf	--	--		Jim Duke's personal files.
<i>Camellia sinensis</i>	Leaf	--	--		Jim Duke's personal files.
<i>Cedrus libani</i>	Leaf	2000.0	5000.0	-1.41	*
<i>Cinchona</i> spp	Bark	50000.0	80000.0		*
<i>Citrus reticulata</i>	Fruit	--	--		*
<i>Citrus aurantiifolia</i>	Fruit	--	--		*
<i>Citrus paradisi</i>	Fruit	--	--		*
<i>Citrus sinensis</i>	Fruit	--	--		*

<i>Cocos nucifera</i>	Seed	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Daucus carota</i>	Root	--	--		*
<i>Equisetum arvense</i>	Plant	--	--		Jim Duke's personal files.
<i>Ficus carica</i>	Fruit	--	--		*
<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>Ginkgo biloba</i>	Leaf	--	--		*
<i>Hamamelis virginiana</i>	Leaf	--	--		*
<i>Helianthus annuus</i>	Seed	--	--		*
<i>Hesperis matronalis</i>	Leaf	--	--		Yoshida, S., Tazaki, K., Minamikawa, T. 1975. Occurrence of Shikimic and Quinic Acids in Angiosperms. <i>Phytochemistry</i> , 14: 195-197.
<i>Hippophae rhamnoides</i>	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Juniperus communis</i>	Leaf	--	--		*
<i>Kalanchoe daegrimontiana</i>	Plant	--	--		*
<i>Medicago sativa</i>	Plant	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Musa x paradisiaca</i>	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Nicotiana tabacum</i>	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Opuntia ficus-indica</i>	Fruit	150.0	1400.0	-1.27	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in <i>J. Ethnobiology</i> 9(1):27-29.
<i>Oryza sativa</i>	Leaf	--	--		*
<i>Petroselinum crispum</i>	Root	--	--		*
<i>Pinus sylvestris</i>	Bark	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Pistacia lentiscus</i>	Leaf	--	48000.0	0.66	*
<i>Pisum sativum</i>	Seed	--	--		*
<i>Prunus persica</i>	Leaf	--	--		*
<i>Prunus armeniaca</i>	Fruit	--	--		*
<i>Prunus domestica</i>	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Prunus cerasus</i>	Fruit	--	--		*
<i>Punica granatum</i>	Fruit	--	--		*
<i>Punica granatum</i>	Leaf	--	--		*
<i>Pyrus communis</i>	Fruit	--	--		*
<i>Ribes nigrum</i>	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Ribes uva-crispa</i>	Fruit	--	--		*
<i>Solanum tuberosum</i>	Tuber	--	--		*
<i>Solidago virgaurea</i>	Flower	--	--		*
<i>Sorbus aucubaria</i>	Fruit	--	--		*
<i>Tamarindus indica</i>	Fruit	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Taxus baccata</i>	Plant	--	--		*
<i>Terminalia chebula</i>	Fruit	--	15000.0	1.17	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

<i>Urtica dioica</i>	Plant	--	--		*
<i>Vaccinium myrtillus</i>	Leaf	20000.0	50000.0	0.75	*
<i>Vaccinium macrocarpon</i>	Fruit	5000.0	9000.0	0.1	*
<i>Vigna radiata</i>	Seed	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Vitis vinifera</i>	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Vitis vinifera</i>	Fruit	--	--		Jim Duke's personal files.
<i>Vitis vinifera</i>	Root	--	--		*
<i>Withania somnifera</i>	Leaf	--	--		*
<i>Zea mays</i>	Plant	--	--		*