

# C QUINIC-ACID

## Chemid

QUINICACID

\*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
Aconitum napellus	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Actinidia chinensis	Fruit	--	--		--
Adiantum capillus-veneris	Plant	--	--		--
Allium cepa	Bulb	--	--		--
Allium schoenoprasum	Leaf	--	--		--
Angelica archangelica	Plant	--	--		Pakistan Encyclopedia Planta Medica. 1986.
Anogeissus latifolia	Plant	--	--		--
Apium graveolens	Pt	--	--		--
Apium graveolens	Root	--	--		--
Arctostaphylos uva-ursi	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Beta vulgaris	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Brassica oleracea var. botrytis l.	Leaf	--	--		--
Brassica oleracea var. botrytis l.	Flower	--	--		--
Brassica oleracea var. capitata l.	Leaf	--	--		Jim Duke's personal files.
Brassica oleracea var. gemmifera	Leaf	--	--		--
Brassica oleracea var. italica	Leaf	--	--		Jim Duke's personal files.
Brassica oleracea var. sabellica l.	Leaf	--	--		--
Camellia sinensis	Leaf	--	--		Jim Duke's personal files.
Cedrus libani	Leaf	2000	5000	-1.4131191108517207	--
Cinchona spp	Bark	50000	80000		--
Citrus aurantiifolia	Fruit	--	--		--
Citrus paradisi	Fruit	--	--		--
Citrus reticulata	Fruit	--	--		--
Citrus sinensis	Fruit	--	--		--
Cocos nucifera	Seed	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Daucus carota	Root	--	--		--
Equisetum arvense	Plant	--	--		Jim Duke's personal files.
Ficus carica	Fruit	--	--		--
Foeniculum vulgare	Fruit	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Foeniculum vulgare	Seed	--	--		Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Ginkgo biloba	Leaf	--	--		--
Hamamelis virginiana	Leaf	--	--		--
Helianthus annuus	Seed	--	--		--
Hesperis matronalis	Leaf	--	--		Yoshida, S., Tazaki, K., Minamikawa, T. 1975. Occurrence of Shikimic and Quinic Acids in Angiosperms. Phytochemistry, 14: 195-197.
Hippophae rhamnoides	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Juniperus communis	Leaf	--	--		--
Kalanchoe daegrिमontiana	Plant	--	--		--
Medicago sativa	Plant	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Musa x paradisiaca	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Nicotiana tabacum	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Opuntia ficus-indica	Fruit	150	1400	-1.2698481607343142	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Oryza sativa	Leaf	--	--		--
Petroselinum crispum	Root	--	--		--
Pinus sylvestris	Bark	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pistacia lentiscus	Leaf	48000	48000	0.6583850402831883	--
Pisum sativum	Seed	--	--		--
Prunus armeniaca	Fruit	--	--		--
Prunus cerasus	Fruit	--	--		--
Prunus domestica	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Prunus persica	Leaf	--	--		--
Punica granatum	Fruit	--	--		--
Punica granatum	Leaf	--	--		--
Pyrus communis	Fruit	--	--		--
Ribes nigrum	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ribes uva-crispa	Fruit	--	--		--
Solanum tuberosum	Tuber	--	--		--
Solidago virgaurea	Flower	--	--		--
Sorbus aucubaria	Fruit	--	--		--
Tamarindus indica	Fruit	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Taxus baccata	Plant	--	--		--
Terminalia chebula	Fruit	15000	15000	1.174010563697763	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Urtica dioica	Plant	--	--		--
Vaccinium macrocarpon	Fruit	5000	9000	0.09583759703655248	--
Vaccinium myrtillus	Leaf	20000	50000	0.7547340705685329	--
Vigna radiata	Seed	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vitis vinifera	Fruit	--	--		Jim Duke's personal files.
Vitis vinifera	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Vitis vinifera	Root	--	--		--
Withania somnifera	Leaf	--	--		--
Zea mays	Plant	--	--		--