

C CINNAMIC-ACID

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CINNAMICACID

*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
Aloe vera	Plant	--	--	--	
Ammi visnaga	Plant	--	--	--	
Asclepias syriaca	Plant	--	--	--	
Aspalathus linearis	Shoot	--	--	--	
Brassica oleracea var. botrytis l.	Leaf	--	--	--	
Brassica oleracea var. italica	Leaf	--	--	--	Stitt, Paul. Why George should eat broccoli.
Camellia sinensis	Leaf	--	--	--	
Capsicum annuum	Tissue Culture	--	--	--	
Capsicum frutescens	Fruit	--	--	--	
Cinnamomum aromaticum	Bark	--	--	--	Wealth of India.
Cinnamomum verum	Bark	--	--	--	
Citrus aurantium	Plant	--	--	--	

Plant	Part	Low PPM	High PPM	StdDev	Reference
Citrus aurantium	Hull Husk	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Coriandrum sativum	Plant	40	40	1	Abstract (See species file)
Curcuma longa	Rhizome	--	--		--
Daemonorops draco	Fruit	--	--		--
Daucus carota	Tissue Culture	--	--		--
Erythroxylum coca	Leaf	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Foeniculum vulgare	Fruit	--	--		--
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.
Harpagophytum procumbens	Root	--	--		--
Harpagophytum procumbens	Tuber	--	--		--
Helianthus annuus	Seed	--	--		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.
Hypericum perforatum	Plant	--	--		--
Juniperus communis	Leaf	--	--		--
Laurus nobilis	Fruit	--	--		--
Laurus nobilis	Leaf	--	--		--
Laurus nobilis	Fruit Essent. Oil	--	90000		--
Liquidambar orientalis	Resin, Exudate, Sap	20000	150000	-1	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Liquidambar styraciflua	Resin, Exudate, Sap	50000	230000	1	--
Lycium barbarum	Fruit	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Medicago sativa	Tissue Culture	--	--		--
Melaleuca bracteata	Leaf	40	100	-1	Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Melia azedarach	Fruit	--	--		--
Melia azedarach	Leaf	--	--		--
Melia azedarach	Root	--	--		--
Myroxylon balsamum	Gum	--	--		--
Olea europaea	Fruit	--	--		--
Ononis spinosa	Root	--	--		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.
Origanum vulgare	Plant	--	--		--
Panax quinquefolius	Plant	--	--		--
Piper methysticum	Plant	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Piper methysticum	Rhizome	--	--		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.
Piper nigrum	Fruit	--	--		--
Plantago major	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Populus balsamifera	Leaf	--	--	--	
Pteridium aquilinum	Plant	--	--	--	
Punica granatum	Fruit	--	--		Seeram, N. P., Schulman, R. N., and Heber, D., eds. 2006. Pomegranates - Ancient Roots to Modern Medicine. Taylor & Francis. Boca Raton, FL. 244 pp.
Rheum officinale	Root	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Rheum palmatum	Root	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
Ribes nigrum	Fruit	--	--	--	
Sorbus aucubaria	Fruit	--	--	--	
Styrax benzoin	Resin, Exudate, Sap	--	--	--	
Styrax tonkinensis	Ay	0	1	--	
Styrax tonkinensis	Plant	0	1	-1	Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Taxus baccata	Leaf	4	595	1	--
Thymus vulgaris	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
Urtica dioica	Plant	--	--	--	
Vaccinium myrtillus	Leaf	--	--	--	
Viburnum opulus	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Vitis vinifera	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.