

# C ELLAGIC-ACID

## Chemid

ELLAGICACID

\*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	Plant	--	--		--
Acacia farnesiana	Fruit	--	--		--
Acacia nilotica	Bark	--	--		--
Agrimonia eupatoria	Leaf	--	--		Wealth of India.
Aleurites fordii	Petiole	--	--		--
Anogeissus latifolia	Plant	--	--		--
Arbutus unedo	Leaf	--	--		--
Arctostaphylos uva-ursi	Leaf	--	--		--
Bertholletia excelsa	Bark	--	--		Lowry, J. B. 1968. The Distribution and Potential Taxonomic Value of Alkylated Ellagic Acids. Phytochemistry, 7(10): 1803-1813.
Bixa orellana	Plant	--	--		--
Caesalpinia pulcherrima	Bark	--	--		--
Castanea sativa	Leaf	--	--		--

<b>Plant</b>	<b>Part</b>	<b>Low PPM</b>	<b>High PPM</b>	<b>StdDev</b>	<b>Reference</b>
Commiphora wightii	Flower	--	--		Jim Duke's personal files.
Coriaria myrtifolia	Leaf	--	--		--
Coriaria thymifolia	Plant	--	--		--
Cornus mas	Flower	--	--		Delaveau, P., Paris, R. R. 1961. Concerning the Presence of Rutoside and Gallic Derivatives from the Flowers of Cornus mas and Preliminary Research with C. sanguinea. Bull Soc Chim Biol, 43: 661-666.
Cornus mas	Leaf	--	--		Delaveau, P., Paris, R. R. 1961. Concerning the Presence of Rutoside and Gallic Derivatives from the Flowers of Cornus mas and Preliminary Research with C. sanguinea. Bull Soc Chim Biol, 43: 661-666.
Cyamopsis tetragonoloba	Seed	--	--		Kaushal, G. P., Bhatia, I. S. 1982. A Study of Polyphenols in the Seeds and Leaves of Guar (Cyamopsis tetragonoloba L. Taub). J Sci Food Agr, 33: 461-470.
Duchesnea indica	Plant	--	313		--
Elaeagnus angustifolia	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ephedra gerardiana	Plant	--	--		--
Ephedra sinica	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Eucalyptus citriodora	Bark	--	--		Lowry, J. B. 1968. The Distribution and Potential Taxonomic Value of Alkylated Ellagic Acids. Phytochemistry 7 10: 1803-1813
Eucalyptus globulus	Leaf	--	--		--
Eucalyptus globulus	Stem	--	--		--
Eucalyptus globulus	Bark	--	--		--
Euphorbia hirta	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Euphorbia tirucalli	Stem	--	--		--
Fragaria spp	Fruit	430	8430	1.727725460443337	--
Fragaria spp	Leaf	8080	32300	1.4141864640925814	--
Fragaria spp	Seed	1370	21650	1	--
Geranium thunbergii	Leaf	--	--		--
Heimia salicifolia	Leaf	--	--		--
Juglans nigra	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Juglans nigra	Pericarp	--	--		--
Juglans nigra	Shoot	35	35		--
Juglans regia	Fruit	--	--		--
Juglans regia	Seed	30	105	-1	--
Juglans regia	Testa	550	2770		--
Lagerstroemia indica	Leaf	--	--		--
Leptospermum scoparium	Bark	--	--		Lowry, J. B. 1968. The Distribution and Potential Taxonomic Value of Alkylated Ellagic Acids. Phytochemistry 7 10: 1803-1813
Liquidambar styraciflua	Leaf	--	--		--
Lycopus europeus	Plant	--	--		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
Lycopus virginicus	Plant	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Lythrum salicaria	Leaf	--	--		--
Myrciaria dubia	Leaf	--	--		--
Myrtus communis	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Oenothera biennis	Leaf	--	--		--
Phyllanthus emblica	Fruit	--	--		--
Phyllanthus emblica	Pericarp	--	--		--
Phyllanthus emblica	Root	--	--		--
Phyllanthus emblica	Shoot	--	--		--
Phyllanthus emblica	Leaf	--	--		--
Polygonum hydropiper	Plant	--	--		--
Psidium cattleianum	Plant	--	--		--
Psidium guajava	Bark	--	8000	1	--
Psidium guajava	Fruit	--	520	-0.5444069460751044	--
Psidium guajava	Flower	--	--		--
Psidium guajava	Stem Bark	--	40		--
Psidium guajava	Leaf	--	150	-0.714675024907582	--
Psidium guajava	Pericarp	--	1300		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Punica granatum	Bark	--	--		--
Punica granatum	Stem Bark	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
Punica granatum	Leaf	--	--		--
Punica granatum	Flower	--	--		--
Punica granatum	Pericarp	--	--		--
Punica granatum	Fruit	--	--		--
Punica granatum	Seed	--	--		--
Quercus infectoria	Plant	--	--		--
Quercus rubra	Wood	--	--		--
Rhus coriaria	Leaf	--	--		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.
Ricinus communis	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Rubus idaeus	Leaf	--	--		--
Rubus idaeus	Juice	5	50		--
Salvia officinalis	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Syzygium aromaticum	Plant	--	--		--
Syzygium aromaticum	Bark	--	--		Lowry, J. B. 1968. The Distribution and Potential Taxonomic Value of Alkylated Ellagic Acids. Phytochemistry 7 10: 1803-1813

Plant	Part	Low PPM	High PPM	StdDev	Reference
Syzygium aromaticum	Fruit	--	21	-0.6877437439073045	--
Tagetes patula	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Terminalia arjuna	Bark	--	250	-1	--
Terminalia arjuna	Heart Wood	--	250		Row, L. R., Subba, Rao, G. S. R. 1962. Chemistry of Terminalia Species. Part IV. Chemical Examination of T. arjuna: Isolation of Arjunolic Acid Saponin and (+) Leucodelphinidin. J. Indian Chem. Soc. 39: 89.
Terminalia arjuna	Root Bark	--	3		Anjaneyulu, A. S. R., Rama Prasad, A. V. 1982. Chemical Examination of the Roots of Terminalia arjuna-The Structures of Arjunoside 3 and Arjunoside 4, Two New Triterpenoid Glycosides. Phytochemistry 21: 2057-2060.
Terminalia arjuna	Leaf	--	--		Kandil, F. E., Nassar, M. I. 1998. A Tannin Anti-Cancer Promotor from Terminalia arjuna. Phytochemistry 47 8: 1567-1568.
Terminalia bellirica	Fruit	--	--		--
Terminalia bellirica	Bark	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Terminalia bellirica	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Terminalia bellirica	Wood	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Terminalia catappa	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Terminalia catappa	Bark	--	--		Lowry, J. B. 1968. The Distribution and Potential Taxonomic Value of Alkylated Ellagic Acids. Phytochemistry 7 10: 1803-1813
Terminalia chebula	Fruit	--	690	-0.49557477046092807	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Terminalia chebula	Leaf	--	379	-0.6995114391849991	Lin,T.C.,et al.1990.Tannins and Related Compounds.CII.Structures of Terchebulin, an Ellagitannin Having a Novel Tetraphenylcarboxylic Acid (Terchebolic Acid) and Biogenetically Related Tannins from Terminalia chebula Retz. Chem Pharm Bull 38 11:3004-3008.
Terminalia ivorensis	Bark	--	--		--
Terminalia ivorensis	Stem Bark	--	--		Iwu, M. M., Anyanwu, B. N. 1982. Anti-Inflammatory and Anti-Arthritic Properties of Terminalia ivorensis. Fitoterapia 53: 25-34.
Terminalia pallida	Fruit	--	--		--
Uncaria catechu	Branches	--	--		--
Vaccinium corymbosum	Plant	--	--		--
Vitis vinifera	Fruit	--	--		--