

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for P-COUMARIC-ACID

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Catalpa bignonioides</i>	Leaf		15000.0	3.5884655750178984	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Helianthus annuus</i>	Seed	900.0	1100.0	2.709983056618278	Jim Duke's personal files.
<i>Capsicum frutescens</i>	Fruit		540.0	2.293291804958545	--
<i>Malus domestica</i>	Fruit	15.0	460.0	1.836295249622603	--
<i>Pimpinella anisum</i>	Seed		737.0	1.636780984285061	--
<i>Melissa officinalis</i>	Shoot		8.3	1.414213562373095	--
<i>Ananas comosus</i>	Plant	330.0	730.0	1.0	--
<i>Citrus sinensis</i>	Pericarp	5.0	75.0	1.0	--
<i>Curcuma longa</i>	Rhizome		345.0	1.0	--
<i>Origanum majorana</i>	Leaf		1100.0	-0.06115839551859982	--
<i>Fragaria spp</i>	Fruit	63.0	125.0	-0.07737782584665391	Jim Duke's personal files.
<i>Taxus baccata</i>	Leaf	4.0	965.0	-0.09660438372165213	--
<i>Ocimum basilicum</i>	Leaf		760.0	-0.150429773215176	--
<i>Citrus limon</i>	Fruit	6.0	102.0	-0.20876433550573723	--
<i>Thymus vulgaris</i>	Leaf		420.0	-0.2397011509117522	--
<i>Foeniculum vulgare</i>	Fruit		93.0	-0.26017644798103073	--
<i>Foeniculum vulgare</i>	Seed	60.0	93.0	-0.2671918382565138	--
<i>Carum carvi</i>	Seed		86.0	-0.2878871950232701	--
<i>Laurus nobilis</i>	Leaf		192.0	-0.2995654865435739	--
<i>Spinacia oleracea</i>	Leaf		133.0	-0.31505669620268567	--
<i>Capsicum annuum</i>	Fruit		79.0	-0.3401508451648206	--
<i>Allium schoenoprasum</i>	Leaf		21.0	-0.34446373826744014	--
<i>Anethum graveolens</i>	Leaf		16.0	-0.34577655264533097	--
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Leaf		13.0	-0.3465642412720655	--
<i>Brassica oleracea</i> var. <i>italica</i>	Leaf		13.0	-0.3465642412720655	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Brassica oleracea var. gemmifera	Leaf		12.0	-0.34682680414764366	--
Brassica oleracea var. capitata l.	Leaf	0.5	9.0	-0.34761449277437817	--
Brassica pekinensis	Leaf		7.0	-0.3481396185255345	--
Linum usitatissimum	Seed		60.0	-0.364755663014079	--
Zea mays	Seed	4.0	46.0	-0.4061463765475915	--
Triticum aestivum	Seed	17.0	25.0	-0.46823244684786025	--
Arachis hypogaea	Seed		20.0	-0.48301484453840043	--
Salvia sp.	Seed		19.0	-0.48597132407650845	Phenolic Compounds in Food and Their Effects on Health, 67.
Citrus paradisi	Fruit	0.0	53.0	-0.4886747256490017	--
Myristica fragrans	Seed		7.0	-0.5214490785338048	--
Glycine max	Seed	1.0	4.0	-0.5303185171481289	--
Juglans regia	Seed	0.5	3.5	-0.531796756917183	--
Laurus nobilis	Fruit		20.0	-0.6771858047250778	--
Elettaria cardamomum	Fruit		19.0	-0.682898261666777	--
Citrus sinensis	Fruit	5.0	17.0	-0.6943231755501756	--
Coriandrum sativum	Fruit		16.0	-0.700035632491875	--
Aspalathus linearis	Shoot		1.0	-0.7071067811865475	--
Zea mays	Shoot		1.0	-0.7071067811865475	Jim Duke's personal files.
Citrus paradisi	Pericarp	5.0	25.0	-1.0	--
Zingiber officinale	Rhizome		19.0	-1.0	--
Solidago gigantea	Plant		45.0	-1.0	--
Mentha x piperita	Shoot				--
Calendula officinalis	Plant				--
Medicago sativa	Leaf				--
Olea europaea	Fruit				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
Eucalyptus maculata	Resin, Exudate, Sap				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Matricaria recutita	Plant				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
Tilia sp.	Flower				--
Aloe vera	Leaf				Doff, W. 1953. In Vitro Tuberculostatic Action of Aloe and its Most Important Components. Arzneim-Forsch 3: 627-630.
Trifolium pratense	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Catalpa ovata	Fruit				--
Stachys officinalis	Shoot				--
Lycopersicon esculentum	Fruit				--
Rubus idaeus	Leaf				--
Rubus idaeus	Bark				--
Santolina chamaecyparissus	Plant				--
Vinca minor	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Avena sativa	Seed				--
Ginkgo biloba	Pollen Or Spore				Chemical Constituents of Oriental Herbs (3 diff. books)
Salvia officinalis	Plant				Stitt, Paul. Why George should eat broccoli.
Averrhoa carambola	Plant				--
Taraxacum officinale	Flower				--
Sesamum indicum	Fruit				--
Vaccinium corymbosum	Plant				--
Persea americana	Fruit				--
Sesamum indicum	Leaf				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vitis vinifera	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Helianthus annuus	Pollen Or Spore		11.0		--
Pueraria montana	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Annona muricata	Plant				--
Pisum sativum	Seed				--
Vaccinium myrtillus	Fruit Juice				--
Hura crepitans	Leaf				--
Tagetes patula	Plant				--
Hordeum vulgare	Fruit				--
Hedera helix	Plant				--
Pinus sylvestris	Pollen Or Spore				--
Digitalis purpurea	Leaf				--
Vigna radiata	Plant				Stitt, Paul. Why George should eat broccoli.
Gossypium sp	Plant				--
Rheum rhabarbarum	Pt		44.0		--
Rheum rhabarbarum	Root				--
Phaseolus vulgaris	Plant				--
Polygala senega	Root				--
Prunus persica	Leaf				--
Allium cepa	Leaf				Das, V. S. R., Rao, J. V. S. 1964. Phenolic Acids of Onion Plant. Curr. Sci., 33(15): 471-472.
Allium cepa	Root				Das, V. S. R., Rao, J. V. S. 1964. Phenolic Acids of Onion Plant. Curr. Sci., 33(15): 471-472.
Althaea officinalis	Leaf				--
Vaccinium myrtillus	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Actinidia chinensis	Plant				--
Sambucus nigra	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Cydonia oblonga	Fruit				--
Mentha x rotundifolia	Shoot				Jim Duke's personal files.
Hypericum perforatum	Plant				--
Apium graveolens	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Hordeum vulgare	Seed				--
Petroselinum crispum	Stem				--
Aloe vera	Plant				Pakistan Encyclopedia Planta Medica. 1986.
Urginea maritima	Bulb				--
Rubus spectabilis	Leaf				Li, C.Y. 1974. Phenolic Compounds in Understory Species of Alder, Conifer, and Mixed Alder-Conifer Stands of Coastal Oregon. Lloydia, 37(4): 603-607.
Taraxacum officinale	Plant				--
Ligustrum japonicum	Leaf				--
Sophora japonica	Plant				--
Euphorbia hirta	Leaf				--
Terminalia chebula	Plant				Kim, J. S., Lee, G. D., Kwon, J. H., Yoon, H. S. 1993. Identification of Phenolic Antioxidative Components in Terminalia chebula Retz. Han'guk Nonghwa Hakhoe Chi 36 4: 239-243.
Lactuca sativa	Plant				--
Oryza sativa	Petiole		0.9		--
Salix alba	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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Medicago sativa	Tissue Culture				--
Rubus parviflorus	Leaf				Li, C.Y. 1974. Phenolic Compounds in Understory Species of Alder, Conifer, and Mixed Alder-Conifer Stands of Coastal Oregon. <i>Lloydia</i> , 37(4): 603-607.
Trigonella foenum-graecum	Plant				--
Lythrum salicaria	Leaf				--
Vaccinium myrtillus	Leaf				--
Raphanus sativus	Root		91.0		--
Coffea arabica	Plant				--
Pueraria montana	Flower				--
Daucus carota	Root				--
Artemisia absinthium	Plant				--
Nicotiana tabacum	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Prunus dulcis	Plant				--
Vaccinium macrocarpon	Fruit				--
Solanum tuberosum	Tuber	4.0	250.0		--
Centaurium erythraea	Plant				--
Althaea officinalis	Flower				--
Prunus cerasus	Fruit				--
Arctostaphylos uva-ursi	Leaf				--
Juniperus communis	Leaf				--
Kalanchoe pinnata	Plant				--
Aloe vera	Juice				Waller, G. R., Mangiafico, S., Ritchey, C. R. 1978. A Chemical Investigation of Aloe barbadensis. <i>Proc. Okla. Acad. Sci.</i> 58: 69-.
Euphorbia lathyris	Leaf				--
Cinnamomum verum	Bark		14.0		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eleutherococcus senticosus	Root				--
Basella alba	Plant				--
Agrimonia eupatoria	Plant				--
Sanguisorba minor	Plant				--
Piper nigrum	Fruit				--
Citrus sinensis	Fruit Juice				Jim Duke's personal files.
Juglans regia	Testa	160.0	600.0		--
Fagopyrum esculentum	Testa				--
Trigonella foenum-graecum	Stem				--
Elaeagnus angustifolia	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Serenoa repens	Fruit Juice				--
Populus balsamifera	Leaf				--
Rosa canina	Stem				--
Origanum vulgare	Leaf				--
Ribes uva-crispa	Fruit				--
Rosa canina	Tissue Culture				--
Oenothera biennis	Leaf				--
Viola tricolor	Plant				--
Pteridium aquilinum	Leaf				--
Pteridium aquilinum	Plant				--
Zea mays	Sprout Seedling				--
Equisetum arvense	Plant				--
Urtica dioica	Plant				--
Valeriana officinalis	Plant				--
Brassica oleracea var. botrytis l.	Flower		35.0		--
Malus domestica	Leaf				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Prunus laurocerasus	Plant				--
Glechoma hederacea	Plant				--
Prunus serotina	Bark				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Ficus carica	Wood				--
Rubus idaeus	Plant				--
Punica granatum	Fruit Juice				--
Artemisia dracunculus	Plant				Stitt, Paul. Why George should eat broccoli.
Punica granatum	Leaf				--
Beta vulgaris	Plant				--
Elettaria cardamomum	Leaf				--
Lens culinaris	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Castanea sativa	Plant				--
Juglans regia	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Humulus lupulus	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Centaurea cyanus	Flower				Jim Duke's personal files.
Echinacea purpurea	Fruit Juice				Jim Duke's personal files.
Althaea officinalis	Root				--
Theobroma cacao	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Cocos nucifera	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
Melilotus officinalis	Plant				Pharmazie, 46: 156, 1991.
Glycine max	Shoot				--
Rubus idaeus	Juice				--
Gaultheria procumbens	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Origanum vulgare	Plant				Stitt, Paul. Why George should eat broccoli.
Allium cepa	Bulb				--
Allium sativum var. sativum	Bulb	2.0	58.0		--
Prunus armeniaca	Plant				--
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.
Sorbus aucubaria	Plant				--
Cyamopsis tetragonoloba	Silk Stigma Style				Kandasamy, M. K. 1986. The Stigmatic Exudate of Cyamopsis tetragonoloba L. Taub. Biochem Physiol Pflanz, 181(8): 571-575.
Allium ampeloprasum	Plant				--
Papaver somniferum	Pericarp				--
Ribes nigrum	Fruit				--
Ricinus communis	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Vicia faba	Plant				--
Commelina communis	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Melilotus officinalis	Shoot				--
Panax ginseng	Root				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Prunus domestica	Fruit				Jim Duke's personal files.
Brassica nigra	Seed				Jim Duke's personal files.
Mangifera indica	Plant				--
Plantago major	Plant				--