

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for CAFFEIC-ACID

Plant	Part	Low PPM	High PPM	StdDev	Reference
Juglans nigra	Seed				--
Echinacea spp	Plant				--
Annona muricata	Plant				--
Convallaria majalis	Plant				--
Carica papaya	Leaf				Jim Duke's personal files.
Crataegus rhipidophylla	Inflorescence				--
Crataegus rhipidophylla	Flower				--
Crataegus rhipidophylla	Leaf				--
Crataegus rhipidophylla	Shoot				--
Spartium junceum	Plant				--
Crataegus rhipidophylla	Bud				--
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.
Stachys officinalis	Shoot				--
Santolina chamaecyparissus	Plant				--
Clematis vitalba	Plant				--
Rubus idaeus	Plant				--
Humulus lupulus	Plant				--
Sambucus nigra	Plant				--
Vaccinium vitis-idaea	Leaf				--
Corylus americana	Seed				Senter, S. D., Horvat, R. J., Forbus, W. R. 1983. Comparative GLC-MS Analysis of Phenolic Acids of Selected Tree Nuts. J. Food Science, 48(3): 798-799.
Taraxacum officinale	Plant				--
Althaea officinalis	Leaf				--
Datura stramonium	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Coffea arabica	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ligustrum japonicum	Flower				--
Albizia lebbeck	Leaf				Wealth of India.
Coriandrum sativum	Leaf				--
Cinnamomum verum	Bark		6.0		--
Ocimum basilicum	Tissue Culture				--
Lactuca sativa	Plant				--
Tagetes patula	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Allium cepa	Leaf				Das, V. S. R., Rao, J. V. S. 1964. Phenolic Acids of Onion Plant. Curr. Sci., 33(15): 471-472.
Catalpa bignonioides	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Allium cepa	Root				Das, V. S. R., Rao, J. V. S. 1964. Phenolic Acids of Onion Plant. Curr. Sci., 33(15): 471-472.
Cichorium intybus	Shoot				--
Anethum graveolens	Seed				--
Pimpinella anisum	Plant				--
Prunus cerasus	Plant				--
Hordeum vulgare	Fruit				--
Cucurbita pepo	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Conyza canadensis	Plant				--
Mentha x rotundifolia	Shoot				Jim Duke's personal files.
Artemisia abrotanum	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Prunus dulcis	Plant				--
Apium graveolens	Seed				Wealth of India.
Coffea arabica	Fruit				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Taraxacum officinale	Flower				--
Polypodium vulgare	Rhizome				--
Scopolia carniolica	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Euphorbia hirta	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
Crataegus laevigata	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Viburnum opulus	Branches				--
Sophora japonica	Plant				--
Vitis vinifera	Leaf				--
Equisetum arvense	Shoot				Jim Duke's personal files.
Juniperus communis	Leaf				--
Vitis vinifera	Root				--
Juniperus communis	Fruit				--
Citrullus lanatus	Seed				--
Gentiana lutea	Root				--
Cnicus benedictus	Plant				Jim Duke's personal files.
Punica granatum	Plant				--
Dipsacus fullonum	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
Rosmarinus officinalis	Plant				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Cimicifuga dahurica	Rhizome				--
Senna obtusifolia	Seed				--
Dodonaea viscosa	Plant				--
Vaccinium myrtillus	Fruit				--
Vaccinium myrtillus	Fruit Juice				--
Allium cepa	Bulb				--
Ipomoea batatas	Root				--
Centaurium erythraea	Plant				--
Astragalus membranaceus	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Trifolium pratense	Leaf				--
Ananas comosus	Fruit				Wealth of India.
Origanum majorana	Shoot				--
Solanum torvum	Plant				--
Artemisia dracuncululus	Shoot				--
Stellaria media	Shoot				--
Cynara cardunculus	Flower				--
Menyanthes trifoliata	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Salvia officinalis	Inflorescence				--
Apium graveolens	Root				--
Theobroma cacao	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Valeriana officinalis	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Hyssopus officinalis	Plant				Jim Duke's personal files.
Beta vulgaris	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Oenothera biennis	Leaf				--
Kalanchoe pinnata	Plant				--
Papaver somniferum	Leaf				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Cinnamomum camphora	Plant				--
Juglans regia	Testa	15.0	115.0		--
Origanum vulgare	Shoot				--
Arctostaphylos uva-ursi	Plant				--
Arctostaphylos uva-ursi	Leaf				--
Allium sativum var. sativum	Bulb	10.0	20.0		--
Crataegus monogyna	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Magnolia kobus	Plant				--
Citrus sinensis	Fruit Juice				Jim Duke's personal files.
Actaea dahurica	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
Foeniculum vulgare	Fruit				--
Vitis vinifera	Fruit				--
Cucumis sativus	Fruit				--
Curcuma longa	Rhizome		5.0		--
Pteridium aquilinum	Plant				--
Urtica dioica	Plant				--
Angelica archangelica	Plant				Pakistan Encyclopedia Planta Medica. 1986.
Sanguisorba minor	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Punica granatum	Fruit Juice				--
Populus balsamifera	Essential Oil				--
Solanum tuberosum	Tuber Epidermis				--
Punica granatum	Leaf				--
Elaeagnus angustifolia	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Solanum tuberosum	Root Bark				--
Solanum tuberosum	Flower				--
Agrimonia eupatoria	Plant				--
Levisticum officinale	Root				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Glechoma hederacea	Plant				--
Ribes nigrum	Fruit				--
Armoracia rusticana	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.
Euphorbia pulcherrima	Plant				--
Zea mays	Sprout Seedling				--
Rosa canina	Stem				--
Rosa canina	Tissue Culture				--
Mentha x piperita	Shoot				--
Coccinia grandis	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Elaeagnus angustifolia	Fruit				Kusova, R. D., Kazakov, A. L., Luk'yanchikov, M. S. 1988. Phenolic Compounds From Fruit of Elaeagnus angustifolia. Chem. Nat. Comp. 24 3: 392-393. Pyatigorsk Farm Inst Pyatigorsk USSR.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Actaea cimicifuga	Rhizome				--
Ceiba pentandra	Leaf				--
Apium graveolens	Leaf				--
Papaver somniferum	Pericarp				--
Marrubium vulgare	Plant				--
Prunus serotina	Plant				--
Eucalyptus globulus	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Cinchona spp	Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
Malus domestica	Fruit Juice				--
Prunus armeniaca	Plant				--
Allium ampeloprasum	Plant				--
Rheum officinale	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Aconitum napellus	Plant				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		4.0		--
Juglans regia	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Magnolia officinalis	Plant				--
Prunus laurocerasus	Plant				--
Phaseolus vulgaris	Shoot				--
Phaseolus vulgaris	Leaf				--
Phaseolus vulgaris	Fruit				--
Castanea sativa	Leaf				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Perilla frutescens</i>	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
<i>Peucedanum ostruthium</i>	Root				--
<i>Moringa oleifera</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Adonis vernalis</i>	Plant				--
<i>Cyamopsis tetragonoloba</i>	Seed				Kaushal, G. P., Bhatia, I. S. 1982. A Study of Polyphenols in the Seeds and Leaves of Guar (<i>Cyamopsis tetragonoloba</i> L. Taub). J Sci Food Agr, 33: 461-470.
<i>Pisum sativum</i>	Plant				--
<i>Avena sativa</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Cichorium endivia</i>	Leaf				--
<i>Crataegus laevigata</i>	Leaf				--
<i>Erythroxylum coca</i>	Leaf				--
<i>Urtica dioica</i>	Leaf				Jim Duke's personal files.
<i>Vicia faba</i>	Plant				--
<i>Daucus carota</i>	Root				--
<i>Berberis vulgaris</i>	Fruit				Jim Duke's personal files.
<i>Medicago sativa</i>	Tissue Culture				--
<i>Centaurea cyanus</i>	Flower				Jim Duke's personal files.
<i>Equisetum hyemale</i>	Plant				--
<i>Helichrysum angustifolium</i>	Plant				--
<i>Rhododendron ponticum</i>	Plant				--
<i>Centaurea cyanus</i>	Shoot				Jim Duke's personal files.
<i>Prunus domestica</i>	Plant				--
<i>Zingiber officinale</i>	Rhizome				--
<i>Anethum graveolens</i>	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eleutherococcus senticosus	Root				--
Cinchona pubescens	Bark				--
Chamaemelum nobile	Plant				--
Morus alba	Plant				--
Cinchona pubescens	Leaf				--
Sorbus aucubaria	Fruit				--
Calendula officinalis	Plant				--
Cola acuminata	Plant				--
Ficus carica	Plant				--
Solanum melongena	Fruit				--
Rubus idaeus	Fruit				Phenolic Compounds in Food and Their Effects on Health. Antioxidants & Cancer Prevention. Huang, M.T., Ho, C.T. and Lee, C.Y. eds. 1992. ACS Symposium Series 507.ACS, Washington 402 pp.
Olea europaea	Fruit				--
Viscum album	Plant				--
Trifolium pratense	Flower				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.
Cynara cardunculus	Leaf				Jim Duke's personal files.
Spinacia oleracea	Shoot				--
Berberis vulgaris	Plant				--
Spinacia oleracea	Leaf				--
Harpagophytum procumbens	Root				--
Althaea officinalis	Flower				--
Rosmarinus officinalis	Shoot				--
Althaea officinalis	Root				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Lycopodium clavatum	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Tanacetum vulgare	Plant				--
Gaultheria procumbens	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Conium maculatum	Plant				--
Prunus spinosa	Plant				--
Eriobotrya japonica	Plant				--
Sambucus simpsonii	Flower				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
Melilotus officinalis	Plant				Pharmazie, 46: 156, 1991.
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.
Salvia officinalis	Shoot				--
Plantago major	Plant				--
Brassica nigra	Seed				Jim Duke's personal files.
Panax ginseng	Root				--
Prunus persica	Leaf				--
Inonotus obliquus	Plant				--
Vaccinium corymbosum	Plant				--
Digitalis purpurea	Leaf				--
Lycopus europeus	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Pinus sylvestris	Leaf				--
Melilotus officinalis	Shoot				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tilia sp.	Flower				--
Teucrium chamaedrys	Plant				Abstract (See species file)
Achillea millefolium	Plant				--
Tecoma stans	Plant				--
Citrullus colocynthis	Fruit				--
Cucumis melo	Plant				Stitt, Paul. Why George should eat broccoli.
Artemisia capillaris	Plant				--
Portulaca oleracea	Plant				--
Solidago virgaurea	Flower				--
Arnica montana	Flower				--
Symphytum officinale	Root				--
Nicotiana tabacum	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Satureja montana	Shoot				--
Crataegus laevigata	Flower				--
Petroselinum crispum	Stem				--
Crataegus laevigata	Shoot				--
Fagopyrum esculentum	Plant				--
Crataegus laevigata	Bud				--
Coriandrum sativum	Shoot				--
Hordeum vulgare	Seed				--
Melia azedarach	Plant				--
Persea americana	Fruit				--
Sesamum indicum	Fruit				--
Camellia sinensis	Plant				--
Sesamum indicum	Leaf				--
Asimina triloba	Leaf				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Laurus nobilis	Fruit				--
Origanum majorana	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Rheum rhabarbarum	Pt		8.0		--
Laurus nobilis	Leaf				--
Myristica fragrans	Plant		16.0	-1.0832422412570573	--
Solanum tuberosum	Tuber	18.0	1400.0	-1.0	--
Hypericum perforatum	Plant		1000.0	-0.927639936569902	--
Coleus barbatus	Root		42.9	-0.8784223898990208	Jim Duke's personal files.
Raphanus sativus	Root		91.0	-0.8579670121208511	--
Triticum aestivum	Seed	3.0	4.0	-0.7670730483511597	--
Glycine max	Seed	1.0	4.0	-0.7670730483511597	--
Juglans regia	Seed	1.0	6.0	-0.7651606778705059	--
Arachis hypogaea	Seed		11.0	-0.7603797516688712	--
Melissa officinalis	Plant		2100.0	-0.75369427076109	--
Allium schoenoprasum	Leaf		0.5	-0.715857836754432	--
Taxus baccata	Leaf	0.9	4.7	-0.7152751692990306	--
Brassica oleracea var. botrytis l.	Leaf		8.0	-0.7148173591555008	--
Brassica oleracea var. italica	Leaf		8.0	-0.7148173591555008	--
Brassica pekinensis	Leaf		11.0	-0.7144011681159284	--
Brassica oleracea var. gemmifera	Leaf		34.0	-0.7112103701458726	--
Vaccinium myrtillus	Leaf		40.0	-0.7103779880667277	--
Brassica oleracea var. capitata l.	Leaf	0.5	77.0	-0.7052449652453338	--
Aspalathus linearis	Shoot		0.66	-0.703465468886938	--
Zea mays	Shoot		0.7	-0.7034493867354843	--
Cichorium intybus	Leaf		767.0	-0.6095210261436637	--
Origanum vulgare	Leaf	106.0	1060.0	-0.568873034612085	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Anethum graveolens	Leaf		1140.0	-0.5577746068901522	--
Foeniculum vulgare	Seed	0.5	225.0	-0.5557561102389081	--
Salvia sp.	Seed		306.0	-0.47830510577242674	Phenolic Compounds in Food and Their Effects on Health, 67.
Ballota nigra	Leaf		2000.0	-0.43846650887937494	--
Elettaria cardamomum	Fruit		2.0	-0.3385433113198586	--
Piper nigrum	Fruit		6.0	-0.33780275264769194	--
Lycopersicon esculentum	Fruit		6.0	-0.33780275264769194	--
Capsicum annuum	Fruit		11.0	-0.3368770543074836	--
Capsicum frutescens	Fruit		32.0	-0.3329891212786086	--
Fragaria spp	Fruit	15.0	34.0	-0.3326188419425253	Jim Duke's personal files.
Citrus limon	Fruit	21.0	35.0	-0.3324337022744836	--
Citrus sinensis	Fruit	2.0	50.0	-0.3296566072538586	--
Citrus paradisi	Fruit	40.0	51.0	-0.3294714675858169	--
Hypericum perforatum	Shoot		1000.0	-0.30167703804388507	--
Stachys officinalis	Plant		5000.0	-0.2951102427196771	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Coriandrum sativum	Fruit		770.0	-0.1963560462638582	--
Origanum vulgare	Plant		6000.0	-0.13697781925712094	--
Thymus serpyllum	Plant		6200.0	-0.10535133456460971	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Malus domestica	Fruit	85.0	1270.0	-0.10378621224302456	--
Arctium lappa	Root		2500.0	0.16650294770473825	--
Equisetum arvense	Plant		8000.0	0.1792870276679914	--
Artemisia dracuncululus	Leaf		7640.0	0.34397264551688544	--
Verbena officinalis	Leaf		10000.0	0.6713762633139022	--
Euphrasia officinalis	Plant		11500.0	0.732750509786938	Tyler, V.E.. 1982. The Honest Herbal. George F. Stickley Co., Philadelphia PA. 263 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Helianthus annuus	Seed	1600.0	1800.0	0.9502356432760076	--
Ipomoea purga	Tuber	30000.0	40000.0	1.0	--
Pimpinella anisum	Seed		2060.0	1.1988438057610096	--
Origanum majorana	Leaf		14100.0	1.2401706840629567	--
Valeriana officinalis	Root		5800.0	1.5698864543151345	--
Thymus vulgaris	Leaf		16900.0	1.6286156543306036	--
Euphrasia officinalis	Shoot		6000.0	1.7085918936663076	Jim Duke's personal files.
Ocimum basilicum	Leaf		19100.0	1.933822416683755	--
Carum carvi	Seed		2840.0	1.9446682932160153	--
Teucrium scorodonia	Leaf		20000.0	2.0586797285554987	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Solidago gigantea	Plant		21980.0	2.3899783076745265	--
Pyrus communis	Fruit	43.0	19700.0	3.3083378697649026	--