

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for CAFFEIC-ACID

Plant	Part	Low PPM	High PPM	StdDev	Reference
Achillea millefolium	Plant				--
Aconitum napellus	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Actaea dahurica	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
Actaea cimicifuga	Rhizome				--
Adonis vernalis	Plant				--
Agrimonia eupatoria	Plant				--
Albizia lebbek	Leaf				Wealth of India.
Allium cepa	Bulb				--
Allium cepa	Leaf				Das, V. S. R., Rao, J. V. S. 1964. Phenolic Acids of Onion Plant. Curr. Sci., 33(15): 471-472.
Allium schoenoprasum	Leaf		0.5	-0.715857836754432	--
Allium ampeloprasum	Plant				--
Allium sativum var. sativum	Bulb	10.0	20.0		--
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				--
Althaea officinalis	Flower				--
Althaea officinalis	Root				--
Ananas comosus	Fruit				Wealth of India.
Anethum graveolens	Leaf		1140.0	-0.5577746068901522	--
Anethum graveolens	Seed				--
Anethum graveolens	Fruit				--
Angelica archangelica	Plant				Pakistan Encyclopedia Planta Medica. 1986.
Annona muricata	Plant				--
Apium graveolens	Root				--
Apium graveolens	Seed				Wealth of India.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Apium graveolens</i>	Leaf				--
<i>Arachis hypogaea</i>	Seed		11.0	-0.7603797516688712	--
<i>Arctium lappa</i>	Root		2500.0	0.16650294770473825	--
<i>Arctostaphylos uva-ursi</i>	Leaf				--
<i>Arctostaphylos uva-ursi</i>	Plant				--
<i>Armoracia rusticana</i>	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.
<i>Arnica montana</i>	Flower				--
<i>Artemisia dracunculus</i>	Leaf		7640.0	0.34397264551688544	--
<i>Artemisia abrotanum</i>	Plant				--
<i>Artemisia dracunculus</i>	Shoot				--
<i>Artemisia capillaris</i>	Plant				--
<i>Asimina triloba</i>	Leaf				--
<i>Aspalathus linearis</i>	Shoot		0.66	-0.703465468886938	--
<i>Astragalus membranaceus</i>	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Avena sativa</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Ballota nigra</i>	Leaf		2000.0	-0.43846650887937494	--
<i>Berberis vulgaris</i>	Fruit				Jim Duke's personal files.
<i>Berberis vulgaris</i>	Plant				--
<i>Beta vulgaris</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6. Springer-Verlag, Berlin, 1969-1979.
<i>Brassica oleracea</i> var. <i>gemmifera</i>	Leaf		34.0	-0.7112103701458726	--
<i>Brassica oleracea</i> var. <i>italica</i>	Leaf		8.0	-0.7148173591555008	--
<i>Brassica pekinensis</i>	Leaf		11.0	-0.7144011681159284	--
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Leaf		8.0	-0.7148173591555008	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Brassica oleracea var. capitata l.	Leaf	0.5	77.0	-0.7052449652453338	--
Brassica nigra	Seed				Jim Duke's personal files.
Calendula officinalis	Plant				--
Camellia sinensis	Plant				--
Capsicum frutescens	Fruit		32.0	-0.3329891212786086	--
Capsicum annuum	Fruit		11.0	-0.3368770543074836	--
Carica papaya	Leaf				Jim Duke's personal files.
Carum carvi	Seed		2840.0	1.9446682932160153	--
Castanea sativa	Leaf				--
Catalpa bignonioides	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ceiba pentandra	Leaf				--
Centaurea cyanus	Flower				Jim Duke's personal files.
Centaurea cyanus	Shoot				Jim Duke's personal files.
Centaurium erythraea	Plant				--
Chamaemelum nobile	Plant				--
Cichorium intybus	Shoot				--
Cichorium intybus	Leaf		767.0	-0.6095210261436637	--
Cichorium endivia	Leaf				--
Cimicifuga dahurica	Rhizome				--
Cinchona pubescens	Bark				--
Cinchona pubescens	Leaf				--
Cinchona spp	Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
Cinnamomum verum	Bark		6.0		--
Cinnamomum camphora	Plant				--
Citrullus colocynthis	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Citrullus lanatus	Seed				--
Citrus paradisi	Fruit	40.0	51.0	-0.3294714675858169	--
Citrus sinensis	Fruit	2.0	50.0	-0.3296566072538586	--
Citrus sinensis	Fruit Juice				Jim Duke's personal files.
Citrus limon	Fruit	21.0	35.0	-0.3324337022744836	--
Clematis vitalba	Plant				--
Cnicus benedictus	Plant				Jim Duke's personal files.
Coccinia grandis	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Coffea arabica	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
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.
Cola acuminata	Plant				--
Coleus barbatus	Root		42.9	-0.8784223898990208	Jim Duke's personal files.
Conium maculatum	Plant				--
Convallaria majalis	Plant				--
Conyza canadensis	Plant				--
Coriandrum sativum	Leaf				--
Coriandrum sativum	Shoot				--
Coriandrum sativum	Fruit		770.0	-0.1963560462638582	--
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.
Crataegus rhipidophylla	Shoot				--
Crataegus laevigata	Leaf				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Crataegus rhipidophylla</i>	Inflorescence				--
<i>Crataegus laevigata</i>	Bud				--
<i>Crataegus rhipidophylla</i>	Leaf				--
<i>Crataegus monogyna</i>	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Crataegus laevigata</i>	Shoot				--
<i>Crataegus rhipidophylla</i>	Bud				--
<i>Crataegus rhipidophylla</i>	Flower				--
<i>Crataegus laevigata</i>	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Crataegus laevigata</i>	Flower				--
<i>Cucumis sativus</i>	Fruit				--
<i>Cucumis melo</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Cucurbita pepo</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Curcuma longa</i>	Rhizome		5.0		--
<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>Cynara cardunculus</i>	Flower				--
<i>Cynara cardunculus</i>	Leaf				Jim Duke's personal files.
<i>Datura stramonium</i>	Plant				--
<i>Daucus carota</i>	Root				--
<i>Digitalis purpurea</i>	Leaf				--
<i>Dipsacus fullonum</i>	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
Dodonaea viscosa	Plant				--
Echinacea spp	Plant				--
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.
Elaeagnus angustifolia	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Elettaria cardamomum	Fruit		2.0	-0.3385433113198586	--
Eleutherococcus senticosus	Root				--
Equisetum arvense	Plant		8000.0	0.1792870276679914	--
Equisetum hyemale	Plant				--
Equisetum arvense	Shoot				Jim Duke's personal files.
Eriobotrya japonica	Plant				--
Erythroxylum coca	Leaf				--
Eucalyptus globulus	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Euphorbia pulcherrima	Plant				--
Euphorbia hirta	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
Euphrasia officinalis	Shoot		6000.0	1.7085918936663076	Jim Duke's personal files.
Euphrasia officinalis	Plant		11500.0	0.732750509786938	Tyler, V.E.. 1982. The Honest Herbal. George F. Stickley Co., Philadelphia PA. 263 pp.
Fagopyrum esculentum	Plant				--
Ficus carica	Plant				--
Foeniculum vulgare	Seed	0.5	225.0	-0.5557561102389081	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Foeniculum vulgare	Fruit				--
Fragaria spp	Fruit	15.0	34.0	-0.3326188419425253	Jim Duke's personal files.
Gaultheria procumbens	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Gentiana lutea	Root				--
Glechoma hederacea	Plant				--
Glycine max	Seed	1.0	4.0	-0.7670730483511597	--
Harpagophytum procumbens	Root				--
Helianthus annuus	Seed	1600.0	1800.0	0.9502356432760076	--
Helianthus annuus	Pollen Or Spore		4.0		--
Helichrysum angustifolium	Plant				--
Hordeum vulgare	Fruit				--
Hordeum vulgare	Seed				--
Humulus lupulus	Plant				--
Hypericum perforatum	Shoot		1000.0	-0.30167703804388507	--
Hypericum perforatum	Plant		1000.0	-0.927639936569902	--
Hyssopus officinalis	Plant				Jim Duke's personal files.
Inonotus obliquus	Plant				--
Ipomoea purga	Tuber	30000.0	40000.0	1.0	--
Ipomoea batatas	Root				--
Juglans regia	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Juglans regia	Testa	15.0	115.0		--
Juglans regia	Seed	1.0	6.0	-0.7651606778705059	--
Juglans nigra	Seed				--
Juniperus communis	Leaf				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Juniperus communis	Fruit				--
Kalanchoe pinnata	Plant				--
Lactuca sativa	Plant				--
Laurus nobilis	Leaf				--
Laurus nobilis	Fruit				--
Levisticum officinale	Root				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Ligustrum japonicum	Flower				--
Lycopersicon esculentum	Fruit		6.0	-0.33780275264769194	--
Lycopodium clavatum	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
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.
Lycopus europeus	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Magnolia officinalis	Plant				--
Magnolia kobus	Plant				--
Malus domestica	Fruit	85.0	1270.0	-0.10378621224302456	--
Malus domestica	Fruit Juice				--
Marrubium vulgare	Plant				--
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.
Medicago sativa	Tissue Culture				--
Melia azedarach	Plant				--
Melilotus officinalis	Shoot				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Melilotus officinalis	Plant				Pharmazie, 46: 156, 1991.
Melissa officinalis	Plant		2100.0	-0.75369427076109	--
Mentha x piperita	Shoot				--
Mentha x rotundifolia	Shoot				Jim Duke's personal files.
Menyanthes trifoliata	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Moringa oleifera	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Morus alba	Plant				--
Myristica fragrans	Plant		16.0	-1.0832422412570573	--
Nicotiana tabacum	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Ocimum basilicum	Leaf		19100.0	1.933822416683755	--
Ocimum basilicum	Tissue Culture				--
Oenothera biennis	Leaf				--
Olea europaea	Fruit				--
Origanum vulgare	Shoot				--
Origanum majorana	Shoot				--
Origanum vulgare	Plant		6000.0	-0.13697781925712094	--
Origanum vulgare	Leaf	106.0	1060.0	-0.568873034612085	--
Origanum majorana	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Origanum majorana	Leaf		14100.0	1.2401706840629567	--
Panax ginseng	Root				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
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.
Papaver somniferum	Pericarp				--
Perilla frutescens	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Persea americana	Fruit				--
Petroselinum crispum	Stem				--
Peucedanum ostruthium	Root				--
Phaseolus vulgaris	Fruit				--
Phaseolus vulgaris	Leaf				--
Phaseolus vulgaris	Shoot				--
Pimpinella anisum	Seed		2060.0	1.1988438057610096	--
Pimpinella anisum	Plant				--
Pinus sylvestris	Leaf				--
Piper nigrum	Fruit		6.0	-0.33780275264769194	--
Pisum sativum	Plant				--
Plantago major	Plant				--
Polypodium vulgare	Rhizome				--
Populus balsamifera	Essential Oil				--
Portulaca oleracea	Plant				--
Prunus persica	Leaf				--
Prunus domestica	Plant				--
Prunus laurocerasus	Plant				--
Prunus cerasus	Plant				--
Prunus spinosa	Plant				--
Prunus dulcis	Plant				--
Prunus armeniaca	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Prunus serotina	Plant				--
Pteridium aquilinum	Plant				--
Punica granatum	Leaf				--
Punica granatum	Fruit Juice				--
Punica granatum	Plant				--
Pyrus communis	Fruit	43.0	19700.0	3.3083378697649026	--
Raphanus sativus	Root		91.0	-0.8579670121208511	--
Rheum officinale	Root				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		--
Rhododendron ponticum	Plant				--
Ribes nigrum	Fruit				--
Rosa canina	Tissue Culture				--
Rosa canina	Stem				--
Rosmarinus officinalis	Shoot				--
Rosmarinus officinalis	Plant				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
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.
Rubus idaeus	Plant				--
Salvia sp.	Seed		306.0	-0.47830510577242674	Phenolic Compounds in Food and Their Effects on Health, 67.
Salvia officinalis	Shoot				--
Salvia officinalis	Inflorescence				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Sambucus simpsonii	Flower				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
Sambucus nigra	Plant				--
Sanguisorba minor	Plant				--
Santolina chamaecyparissus	Plant				--
Satureja montana	Shoot				--
Scopolia carniolica	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Senna obtusifolia	Seed				--
Sesamum indicum	Fruit				--
Sesamum indicum	Leaf				--
Solanum torvum	Plant				--
Solanum tuberosum	Flower				--
Solanum melongena	Fruit				--
Solanum tuberosum	Root Bark				--
Solanum tuberosum	Tuber	18.0	1400.0	-1.0	--
Solanum tuberosum	Tuber Epidermis				--
Solidago virgaurea	Flower				--
Solidago gigantea	Plant		21980.0	2.3899783076745265	--
Sophora japonica	Plant				--
Sorbus aucubaria	Fruit				--
Spartium junceum	Plant				--
Spinacia oleracea	Leaf				--
Spinacia oleracea	Shoot				--
Stachys officinalis	Shoot				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Stachys officinalis	Plant		5000.0	-0.2951102427196771	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Stellaria media	Shoot				--
Symphytum officinale	Root				--
Tagetes patula	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Tanacetum vulgare	Plant				--
Taraxacum officinale	Flower				--
Taraxacum officinale	Plant				--
Taxus baccata	Leaf	0.9	4.7	-0.7152751692990306	--
Tecoma stans	Plant				--
Teucrium chamaedrys	Plant				Abstract (See species file)
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.
Theobroma cacao	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Thymus vulgaris	Leaf		16900.0	1.6286156543306036	--
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.
Tilia sp.	Flower				--
Trifolium pratense	Leaf				--
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.
Triticum aestivum	Seed	3.0	4.0	-0.7670730483511597	--
Urtica dioica	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Urtica dioica	Leaf				Jim Duke's personal files.
Vaccinium myrtillus	Leaf		40.0	-0.7103779880667277	--
Vaccinium myrtillus	Fruit				--
Vaccinium corymbosum	Plant				--
Vaccinium vitis-idaea	Leaf				--
Vaccinium myrtillus	Fruit Juice				--
Valeriana officinalis	Plant				--
Valeriana officinalis	Root		5800.0	1.5698864543151345	--
Verbena officinalis	Leaf		10000.0	0.6713762633139022	--
Viburnum opulus	Branches				--
Vicia faba	Plant				--
Viscum album	Plant				--
Vitis vinifera	Fruit				--
Vitis vinifera	Root				--
Vitis vinifera	Leaf				--
Zea mays	Shoot		0.7	-0.7034493867354843	--
Zea mays	Sprout Seedling				--
Zingiber officinale	Rhizome				--