

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for CAFFEIC-ACID

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Ipomoea purga</i>	Tuber	30000.0	40000.0	1.0	--
<i>Helianthus annuus</i>	Seed	1600.0	1800.0	0.9502356432760076	--
<i>Origanum vulgare</i>	Leaf	106.0	1060.0	-0.568873034612085	--
<i>Malus domestica</i>	Fruit	85.0	1270.0	-0.10378621224302456	--
<i>Pyrus communis</i>	Fruit	43.0	19700.0	3.3083378697649026	--
<i>Citrus paradisi</i>	Fruit	40.0	51.0	-0.3294714675858169	--
<i>Citrus limon</i>	Fruit	21.0	35.0	-0.3324337022744836	--
<i>Solanum tuberosum</i>	Tuber	18.0	1400.0	-1.0	--
<i>Fragaria</i> spp	Fruit	15.0	34.0	-0.3326188419425253	Jim Duke's personal files.
<i>Juglans regia</i>	Testa	15.0	115.0		--
<i>Allium sativum</i> var. <i>sativum</i>	Bulb	10.0	20.0		--
<i>Triticum aestivum</i>	Seed	3.0	4.0	-0.7670730483511597	--
<i>Citrus sinensis</i>	Fruit	2.0	50.0	-0.3296566072538586	--
<i>Juglans regia</i>	Seed	1.0	6.0	-0.7651606778705059	--
<i>Glycine max</i>	Seed	1.0	4.0	-0.7670730483511597	--
<i>Taxus baccata</i>	Leaf	0.9	4.7	-0.7152751692990306	--
<i>Foeniculum vulgare</i>	Seed	0.5	225.0	-0.5557561102389081	--
<i>Brassica oleracea</i> var. <i>capitata</i> l.	Leaf	0.5	77.0	-0.7052449652453338	--
<i>Juglans nigra</i>	Seed				--
<i>Cichorium intybus</i>	Leaf		767.0	-0.6095210261436637	--
<i>Echinacea</i> spp	Plant				--
<i>Annona muricata</i>	Plant				--
<i>Convallaria majalis</i>	Plant				--
<i>Capsicum frutescens</i>	Fruit		32.0	-0.3329891212786086	--
<i>Carica papaya</i>	Leaf				Jim Duke's personal files.
<i>Crataegus rhipidophylla</i>	Inflorescence				--
<i>Crataegus rhipidophylla</i>	Flower				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
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.
Crataegus rhipidophylla	Leaf				--
Euphrasia officinalis	Shoot		6000.0	1.7085918936663076	Jim Duke's personal files.
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.
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.
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.
Ballota nigra	Leaf		2000.0	-0.43846650887937494	--
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				--
Raphanus sativus	Root		91.0	-0.8579670121208511	--
Albizia lebeck	Leaf				Wealth of India.
Coriandrum sativum	Fruit		770.0	-0.1963560462638582	--
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				--
Brassica oleracea var. botrytis l.	Leaf		8.0	-0.7148173591555008	--
Cucurbita pepo	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
<i>Conyza canadensis</i>	Plant				--
<i>Mentha x rotundifolia</i>	Shoot				Jim Duke's personal files.
<i>Artemisia abrotanum</i>	Plant				--
<i>Prunus dulcis</i>	Plant				--
<i>Stachys officinalis</i>	Plant		5000.0	-0.2951102427196771	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Arachis hypogaea</i>	Seed		11.0	-0.7603797516688712	--
<i>Apium graveolens</i>	Seed				Wealth of India.
<i>Coffea arabica</i>	Fruit				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<i>Taraxacum officinale</i>	Flower				--
<i>Polypodium vulgare</i>	Rhizome				--
<i>Scopolia carniolica</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Euphorbia hirta</i>	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
<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>Viburnum opulus</i>	Branches				--
<i>Sophora japonica</i>	Plant				--
<i>Vitis vinifera</i>	Leaf				--
<i>Equisetum arvense</i>	Shoot				Jim Duke's personal files.
<i>Juniperus communis</i>	Leaf				--
<i>Vitis vinifera</i>	Root				--
<i>Juniperus communis</i>	Fruit				--
<i>Citrullus lanatus</i>	Seed				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Gentiana lutea	Root				--
Cnicus benedictus	Plant				Jim Duke's personal files.
Arctium lappa	Root		2500.0	0.16650294770473825	--
Hypericum perforatum	Plant		1000.0	-0.927639936569902	--
Punica granatum	Plant				--
Allium schoenoprasum	Leaf		0.5	-0.715857836754432	--
Dipsacus fullonum	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
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				--
Aspalathus linearis	Shoot		0.66	-0.703465468886938	--
Thymus vulgaris	Leaf		16900.0	1.6286156543306036	--
Vaccinium myrtillus	Fruit				--
Vaccinium myrtillus	Fruit Juice				--
Allium cepa	Bulb				--
Salvia sp.	Seed		306.0	-0.47830510577242674	Phenolic Compounds in Food and Their Effects on Health, 67.
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				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Origanum majorana	Leaf		14100.0	1.2401706840629567	--
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				--
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.
Piper nigrum	Fruit		6.0	-0.33780275264769194	--
Lycopersicon esculentum	Fruit		6.0	-0.33780275264769194	--
Cinnamomum camphora	Plant				--
Equisetum arvense	Plant		8000.0	0.1792870276679914	--
Origanum vulgare	Shoot				--
Arctostaphylos uva-ursi	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Arctostaphylos uva-ursi	Leaf				--
Artemisia dracunculus	Leaf		7640.0	0.34397264551688544	--
Ocimum basilicum	Leaf		19100.0	1.933822416683755	--
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				--
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				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
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.
Pimpinella anisum	Seed		2060.0	1.1988438057610096	--
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.
Brassica oleracea var. italica	Leaf		8.0	-0.7148173591555008	--
Actaea cimicifuga	Rhizome				--
Ceiba pentandra	Leaf				--
Apium graveolens	Leaf				--
Papaver somniferum	Pericarp				--
Elettaria cardamomum	Fruit		2.0	-0.3385433113198586	--
Marrubium vulgare	Plant				--
Prunus serotina	Plant				--



Plant	Part	Low PPM	High PPM	StdDev	Reference
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				--
Origanum vulgare	Plant		6000.0	-0.13697781925712094	--
Prunus laurocerasus	Plant				--
Phaseolus vulgaris	Shoot				--
Phaseolus vulgaris	Leaf				--
Phaseolus vulgaris	Fruit				--
Castanea sativa	Leaf				--
Perilla frutescens	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Peucedanum ostruthium	Root				--
Moringa oleifera	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
Vaccinium myrtillus	Leaf		40.0	-0.7103779880667277	--
Adonis vernalis	Plant				--
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.
Melissa officinalis	Plant		2100.0	-0.75369427076109	--
Pisum sativum	Plant				--
Brassica oleracea var. gemmifera	Leaf		34.0	-0.7112103701458726	--
Avena sativa	Plant				Stitt, Paul. Why George should eat broccoli.
Cichorium endivia	Leaf				--
Crataegus laevigata	Leaf				--
Erythroxylum coca	Leaf				--
Urtica dioica	Leaf				Jim Duke's personal files.
Hypericum perforatum	Shoot		1000.0	-0.30167703804388507	--
Vicia faba	Plant				--
Daucus carota	Root				--
Berberis vulgaris	Fruit				Jim Duke's personal files.
Medicago sativa	Tissue Culture				--
Centaurea cyanus	Flower				Jim Duke's personal files.
Equisetum hyemale	Plant				--
Helichrysum angustifolium	Plant				--
Rhododendron ponticum	Plant				--
Centaurea cyanus	Shoot				Jim Duke's personal files.
Prunus domestica	Plant				--
Zingiber officinale	Rhizome				--
Anethum graveolens	Fruit				--
Eleutherococcus senticosus	Root				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
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.
Carum carvi	Seed		2840.0	1.9446682932160153	--
Spinacia oleracea	Shoot				--
Berberis vulgaris	Plant				--
Euphrasia officinalis	Plant		11500.0	0.732750509786938	Tyler, V.E.. 1982. The Honest Herbal. George F. Stickley Co., Philadelphia PA. 263 pp.
Spinacia oleracea	Leaf				--
Harpagophytum procumbens	Root				--
Althaea officinalis	Flower				--
Rosmarinus officinalis	Shoot				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Coleus barbatus	Root		42.9	-0.8784223898990208	Jim Duke's personal files.
Althaea officinalis	Root				--
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				--
Anethum graveolens	Leaf		1140.0	-0.5577746068901522	--
Verbena officinalis	Leaf		10000.0	0.6713762633139022	--
Sambucus simpsonii	Flower				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
Valeriana officinalis	Root		5800.0	1.5698864543151345	--
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				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Zea mays	Shoot		0.7	-0.7034493867354843	--
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				--
Myristica fragrans	Plant		16.0	-1.0832422412570573	--
Melilotus officinalis	Shoot				--
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				--
Brassica pekinensis	Leaf		11.0	-0.7144011681159284	--
Symphytum officinale	Root				--
Nicotiana tabacum	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Solidago gigantea	Plant		21980.0	2.3899783076745265	--
Satureja montana	Shoot				--
Crataegus laevigata	Flower				--
Petroselinum crispum	Stem				--
Crataegus laevigata	Shoot				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Fagopyrum esculentum	Plant				--
Capsicum annuum	Fruit		11.0	-0.3368770543074836	--
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				--
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				--