

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for KAEMPFEROL

Plant	Part	Low PPM	High PPM	StdDev	Reference
Abelmoschus moschatus	Flower				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
Abutilon theophrasti	Leaf				Matlawska, I. 1990. Investigation of Flavonoid Compounds of Selected Species from Malvaceae Family. Herba Pol., 36(3): 65-69.
Abutilon theophrasti	Flower				Matlawska, I. 1990. Investigation of Flavonoid Compounds of Selected Species from Malvaceae Family. Herba Pol., 36(3): 65-69.
Acacia catechu	Plant				--
Acacia farnesiana	Fruit				--
Acacia senegal	Plant				Pakistan Encyclopedia Planta Medica. 1986.
Acacia farnesiana	Plant				--
Acalypha indica	Plant				Wealth of India.
Acinos suaveolens	Shoot		16.6	-0.6110367475008089	Jim Duke's personal files.
Aesculus hippocastanum	Bud				Jim Duke's personal files.
Aesculus hippocastanum	Seed				--
Ageratum conyzoides	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Agrimonia eupatoria	Shoot		24.0	-0.33987201397721156	--
Albizia lebbeck	Leaf				Wealth of India.
Allium schoenoprasum	Leaf	16.0	55.0	-0.4750733041944262	--
Allium sativum var. sativum	Plant				--
Allium cepa	Bulb		2.0		--
Alpinia officinarum	Rhizome				--
Althaea officinalis	Root				--
Althaea officinalis	Leaf				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.
Ammi visnaga	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Anemone pulsatilla	Leaf				--
Anethum graveolens	Fruit				--
Anethum graveolens	Seed				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.
Apium graveolens	Leaf		0.0	-0.755027215594713	--
Armoracia rusticana	Root		6.0		--
Armoracia rusticana	Leaf				Abstract (See species file)
Artemisia annua	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands
Artemisia annua	Plant				--
Asparagus officinalis	Root				--
Astragalus membranaceus	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Azadirachta indica	Flower		2000.0	1.332774642908181	--
Berberis vulgaris	Plant				--
Beta vulgaris	Plant				--
Borago officinalis	Plant				Jim Duke's personal files.
Brassica oleracea var. botrytis l.	Flower		30.0	-1.0760015465680726	--
Brassica oleracea var. italica	Leaf				Stitt, Paul. Why George should eat broccoli.
Brassica oleracea var. botrytis l.	Leaf				--
Brassica oleracea	Shoot		80.0	1.7121854289040663	--
Brassica oleracea var. sabellica l.	Leaf		13.0	-0.6888562910819179	--
Brassica oleracea var. capitata l.	Leaf	100.0	300.0	0.7719941193159421	Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Calendula officinalis	Plant				--
Camellia sinensis	Shoot				--
Camellia sinensis	Plant				--
Camellia sinensis	Leaf		520.0	1.8918097649170893	--
Capsicum frutescens	Anther				--
Carum carvi	Seed				--
Carum carvi	Flower				--
Carum carvi	Leaf				--
Castanea sativa	Leaf				--
Catharanthus roseus	Plant				Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Ceiba pentandra	Flower				=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
Centaurea cyanus	Shoot				Jim Duke's personal files.
Centaurea cyanus	Plant				Wealth of India.
Centella asiatica	Plant				--
Centella asiatica	Leaf				Jim Duke's personal files.
Chimaphila umbellata	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Cichorium intybus	Plant				--
Cichorium intybus	Seed		20.0		--
Cinnamomum camphora	Plant				--
Citrus paradisi	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cola acuminata	Plant				--
Consolida ajacis	Flower				--
Cornus mas	Leaf				Bate-Smith, E. C., Ferguson, I. K., Hutson, K., Jensen, S. R., Nielsen, B. J., Swain, T. 1975. Phytochemical Interrelationships in the Cornaceae. Biochem. Syst. Ecol., 3: 79.
Cornus florida	Flower				--
Corylus avellana	Bark				--
Crataegus monogyna	Leaf				--
Crataegus monogyna	Flower				--
Crataegus monogyna	Inflorescence				--
Crocus sativus	Flower				--
Cucurbita pepo	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Cuscuta reflexa	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Cyamopsis tetragonoloba	Fruit				Daniel, M. 1989. Polyphenols of Some Indian Vegetables. Curr Sci, 58(23): 1332-1334.
Daucus carota	Seed				--
Diospyros virginiana	Plant				--
Dodonaea viscosa	Plant				--
Drimys winteri	Leaf				--
Echinacea angustifolia	Leaf				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Echinacea spp	Leaf				Economic & Medicinal Plant Research, 5: 253.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Elaeagnus angustifolia</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Ephedra sinica</i>	Shoot				Jim Duke's personal files.
<i>Equisetum arvense</i>	Plant				--
<i>Eriobotrya japonica</i>	Plant				--
<i>Erythroxylum coca</i>	Plant				--
<i>Eupatorium perfoliatum</i>	Plant				--
<i>Euphorbia lathyris</i>	Leaf				--
<i>Euphorbia hirta</i>	Leaf				--
<i>Euphrasia officinalis</i>	Plant				Jim Duke's personal files.
<i>Ficus carica</i>	Plant				--
<i>Filipendula ulmaria</i>	Flower				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
<i>Foeniculum vulgare</i>	Leaf				Jim Duke's personal files.
<i>Foeniculum vulgare</i>	Plant				--
<i>Fragaria</i> spp	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Frangula alnus</i>	Seed				--
<i>Galega officinalis</i>	Shoot				--
<i>Geranium thunbergii</i>	Leaf				--
<i>Ginkgo biloba</i>	Leaf				--
<i>Glycine max</i>	Plant				--
<i>Glycine max</i>	Seed				--
<i>Glycine max</i>	Shoot				--
<i>Glycine max</i>	Leaf				--
<i>Glycyrrhiza glabra</i>	Root				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Glycyrrhiza glabra	Shoot				--
Gossypium sp	Flower				--
Guazuma tomentosa	Flower				--
Hamamelis virginiana	Leaf				--
Harpagophytum procumbens	Tuber				--
Harpagophytum procumbens	Root				Abstract (See species file)
Helianthemum glomeratum	Leaf				Meckes, M., Calzada, F., Tapia-Contreras, A., Cedillo-Rivera, R. 1999. Antiprotozoal Properties of Helianthemum glomeratum. Phytotherapy Research, 13(2): 102-105.
Hippophae rhamnoides	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Holarrhena pubescens	Leaf				--
Humulus lupulus	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
Hura crepitans	Leaf				--
Hydrangea arborescens	Root				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.
Hypericum perforatum	Plant				--
Isatis tinctoria	Plant				--
Juglans regia	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Kalanchoe spathulata	Leaf				--
Kalanchoe pinnata	Leaf				--
Lactuca sativa	Plant				--
Laurus nobilis	Plant				--
Ligustrum japonicum	Flower				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Lycium chinense	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.
Lycopersicon esculentum	Seed				--
Maclura pomifera	Bark		29.0		--
Maclura pomifera	Wood				Smith, J. L. and Perino, J. V. 1981. Osage Orange (Maclura pomifera): History and Economic Uses. Economic Botany 35(1): 24-41
Maclura pomifera	Fruit		10000.0	1.7320451833851958	--
Magnolia officinalis	Plant				--
Magnolia kobus	Plant				--
Magnolia denudata	Plant				--
Malus domestica	Fruit		2.0	-0.5794291374991353	--
Mangifera indica	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	Flower				--
Melaleuca leucadendra	Plant				--
Melia azedarach	Plant				--
Melilotus officinalis	Shoot		12.5	-0.7612766674260454	--
Melilotus officinalis	Leaf				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Melilotus officinalis	Flower				--
Menyanthes trifoliata	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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Moringa oleifera	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Moringa oleifera	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Morus alba	Wood				--
Musa x paradisiaca	Fruit				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
Musa x paradisiaca	Plant				Stitt, Paul. Why George should eat broccoli.
Myristica fragrans	Plant				--
Nelumbo nucifera	Plant				--
Nicotiana tabacum	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Ocimum basilicum	Leaf				--
Oenothera biennis	Leaf				--
Olea europaea	Stem				Chemical Constituents of Oriental Herbs (3 diff. books)
Ononis spinosa	Shoot				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.
Opuntia ficus-indica	Pt				--
Opuntia ficus-indica	Flower				--
Origanum vulgare	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Paeonia lactiflora	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>Paeonia officinalis</i>	Flower				Wichtl, M. 1984. Teedrogen. Ein Handbuch für Apotheker und Ärzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
<i>Paeonia suffruticosa</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Paeonia moutan</i>	Leaf				--
<i>Panax ginseng</i>	Leaf				--
<i>Panax ginseng</i>	Shoot				--
<i>Panax quinquefolius</i>	Plant				--
<i>Passiflora incarnata</i>	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.
<i>Pastinaca sativa</i>	Seed				--
<i>Petasites japonicus</i>	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Petroselinum crispum</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Phyllanthus emblica</i>	Leaf				--
<i>Physalis peruviana</i>	Fruit				--
<i>Pinus mugo</i>	Wood				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Piper nigrum</i>	Fruit				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Pistacia lentiscus</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Pisum sativum</i>	Tissue Culture		500.0		--
<i>Plumeria acutifolia</i>	Flower				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Podophyllum peltatum	Rhizome				--
Podophyllum pleianthum	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Podophyllum hexandrum	Rhizome				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Polygonum hydropiperoides	Plant				--
Polygonum hydropiper	Plant				--
Populus tacamahacca	Plant				--
Prunella vulgaris	Flower				--
Prunus armeniaca	Fruit				--
Prunus persica	Leaf				--
Prunus domestica	Wood				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Prunus laurocerasus	Plant				--
Prunus cerasus	Plant				--
Prunus spinosa	Flower				--
Prunus dulcis	Plant				--
Prunus armeniaca	Leaf				--
Prunus serotina	Plant				--
Psidium cattleianum	Plant				--
Punica granatum	Pericarp				Seeram, N. P., Schulman, R. N., and Heber, D., eds. 2006. Pomegranates - Ancient Roots to Modern Medicine. Taylor & Francis. Boca Raton, FL. 244 pp.
Punica granatum	Plant				--
Punica granatum	Fruit				Seeram, N. P., Schulman, R. N., and Heber, D., eds. 2006. Pomegranates - Ancient Roots to Modern Medicine. Taylor & Francis. Boca Raton, FL. 244 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Punica granatum	Leaf				--
Rhododendron dauricum	Plant				--
Rhus toxicodendron	Plant				--
Ribes nigrum	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ribes nigrum	Fruit Juice				--
Ricinus communis	Plant				--
Robinia pseudoacacia	Flower				--
Rosa damascena	Plant				--
Rubus idaeus	Juice				--
Sambucus nigra	Flower				--
Sanguisorba officinalis	Plant				--
Sanguisorba minor	Plant				--
Schinus terebinthifolius	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Schinus molle	Leaf				--
Serenoa repens	Fruit				By assumption; if a glycoside is reported, it is automatically assumed that the aglycone is present also in the plant, though sometimes in traces only.
Silybum marianum	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Silybum marianum	Flower				--
Solanum tuberosum	Flower				--
Solidago gigantea	Flower				--
Sophora japonica	Plant				--
Spinacia oleracea	Plant				--
Spinacia oleracea	Leaf		2.0	-0.7448470733619753	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Syzygium aromaticum	Fruit		29.0	-0.5731869083869251	--
Syzygium aromaticum	Flower				--
Tagetes patula	Plant				--
Tagetes erecta	Leaf				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
Terminalia catappa	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Teucrium polium	Plant				Abstract (See species file)
Theobroma cacao	Leaf				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
Thespesia populnea	Flower		700.0	-0.25677309634010825	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Thevetia peruviana	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Thymus vulgaris	Plant				Stitt, Paul. Why George should eat broccoli.
Tribulus terrestris	Flower				--
Trifolium pratense	Leaf				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Trifolium pratense	Flower				--
Trigonella foenum-graecum	Flower				--
Trigonella foenum-graecum	Plant				--
Trigonella foenum-graecum	Leaf				--
Tsuga canadensis	Branches				--
Uncaria guianensis	Leaf				--
Urtica dioica	Inflorescence				Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Urtica dioica	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.
Vaccinium vitis-idaea	Fruit				--
Valeriana officinalis	Plant				--
Viburnum opulus	Leaf				--
Vicia faba	Shoot				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vigna radiata	Sprout Seedling				--
Viola odorata	Plant				--
Vitex agnus-castus	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.
Vitis vinifera	Fruit		2.0	-0.5794291374991353	--
Vitis vinifera	Leaf				--
Zingiber officinale	Plant				Stitt, Paul. Why George should eat broccoli.