

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for QUERCETIN

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.
Abelmoschus esculentus	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Abutilon theophrasti	Root				Paszkowski, W. L., Kremer, R. J. 1988. Biological Activity and Tentative Identification of Flavonoid Components in Velvetleaf (Abutilon theophrasti Medik.) Seed Coats. J. Chem. Ecol., 14(7): 1573-1582.
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 senegal	Plant				--
Acacia nilotica	Plant				--
Acacia catechu	Plant				--
Achillea millefolium	Plant				Tunon, H., Thorsell, W., and Bohlin, L. 1993. Mosquito Repelling Activity of Compounds Occurring in Achillea millefolium L. (Asteraceae). Economic Botany 48(2): 111-120, 1994.
Acinos suaveolens	Shoot		430.0	1.4131601686191924	Jim Duke's personal files.
Actinidia chinensis	Plant				--
Aesculus hippocastanum	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Aesculus hippocastanum	Seed				Jim Duke's personal files.
Agathosma betulina	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
Ageratum conyzoides	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
Agrimonia eupatoria	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.
Agrimonia eupatoria	Shoot				--
Ailanthus altissima	Leaf				--
Albizia lebeck	Leaf				Wealth of India.
Allium cepa	Bulb	0.0	48100.0	1.0	--
Allium schoenoprasum	Leaf		9.0	-0.3518851560841334	--
Allium sativum var. sativum	Bulb	0.08	200.0	-1.0	--
Alpinia officinarum	Rhizome				--
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.
Althaea officinalis	Root				--
Ammi visnaga	Plant				--
Ammi majus	Leaf				--
Anastatica hierochuntica	Plant				--
Anemone pulsatilla	Leaf				--
Anethum graveolens	Plant				Pakistan Encyclopedia Planta Medica. 1986.
Anogeissus latifolia	Plant				--
Apium graveolens	Pt		0.0		--
Arachis hypogaea	Plant				--
Araucaria bidwillii	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.
Arctostaphylos uva-ursi	Leaf				--
Ardisia japonica	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Armoracia rusticana</i>	Leaf				Abstract (See species file)
<i>Artemisia annua</i>	Plant				--
<i>Artemisia dracunculus</i>	Shoot				--
<i>Artocarpus altilis</i>	Leaf				--
<i>Asimina triloba</i>	Leaf				--
<i>Aspalathus linearis</i>	Shoot		1.3	-0.7538426844404754	--
<i>Aspalathus linearis</i>	Plant		7.5	-1.0	--
<i>Asparagus officinalis</i>	Root				--
<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>	Hay		310.0		--
<i>Azadirachta indica</i>	Leaf				--
<i>Azadirachta indica</i>	Flower		1000.0	0.9439875157035426	--
<i>Barosma betulina</i>	Plant				--
<i>Basella alba</i>	Plant				--
<i>Berberis vulgaris</i>	Plant				--
<i>Beta vulgaris</i>	Plant				--
<i>Borago officinalis</i>	Plant				Jim Duke's personal files.
<i>Brassica oleracea</i> var. <i>sabellica</i> l.	Leaf	7.0	50.0	-0.3512219085769756	--
<i>Brassica oleracea</i> var. <i>capitata</i> l.	Leaf	2.0	100.0	-0.35041307015361245	Jim Duke's personal files.
<i>Brassica oleracea</i> var. <i>gemmifera</i>	Sprout Seedling		25.0		Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<i>Brassica oleracea</i> var. <i>italica</i>	Leaf				Stitt, Paul. Why George should eat broccoli.
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Flower		6.0	-1.4106513565908647	--
<i>Brassica oleracea</i>	Shoot		20.0	-0.6593174841787172	--
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Leaf				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Caesalpinia pulcherrima	Flower				--
Calendula officinalis	Plant				--
Camellia sinensis	Plant				--
Camellia sinensis	Shoot				--
Camellia sinensis	Leaf		10000.0	-0.19026306232771106	--
Camptotheca acuminata	Leaf				--
Capparis spinosa	Flower				--
Capsicum frutescens	Fruit		63.0	-0.4638273342549432	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
Carum carvi	Fruit				--
Carum carvi	Flower				--
Carum carvi	Seed				--
Carum carvi	Leaf				--
Castanea sativa	Wood				--
Castanea sativa	Leaf				--
Castanea sativa	Bark				--
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.
Cedrus deodora	Stem Bark				--
Ceiba pentandra	Leaf				--
Centaurea cyanus	Shoot				Jim Duke's personal files.
Centaurea calcitrapa	Plant				--
Centella asiatica	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.
Ceratonia siliqua	Fruit				Wealth of India.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cichorium intybus	Seed		1.0		--
Cichorium intybus	Plant				--
Cichorium endivia	Leaf				--
Cinnamomum camphora	Plant				--
Citrus paradisi	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Citrus sinensis	Fruit		3.4	-0.7856446697799095	Jim Duke's personal files.
Citrus limon	Flower				--
Commiphora wightii	Flower				Jim Duke's personal files.
Consolida ajacis	Flower				--
Coriandrum sativum	Leaf				--
Coriandrum sativum	Fruit				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.
Coriandrum sativum	Shoot				--
Coriaria thymifolia	Plant				--
Coriaria myrtifolia	Leaf				--
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	Inflorescence				--
Crataegus rhipidophylla	Shoot				--
Crataegus laevigata	Shoot				--
Crataegus monogyna	Flower				--
Crataegus cuneata	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Crataegus rhipidophylla</i>	Flower				--
<i>Crataegus laevigata</i>	Flower				--
<i>Crataegus monogyna</i>	Leaf		20.0	-0.3517072116309935	--
<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 rhipidophylla</i>	Inflorescence				--
<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>Crocus sativus</i>	Flower				Abstract (See species file)
<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	90.0	95.0	-1.0	--
<i>Cyamopsis tetragonoloba</i>	Fruit				Daniel, M. 1989. Polyphenols of Some Indian Vegetables. Curr Sci, 58(23): 1332-1334.
<i>Cymbopogon citratus</i>	Plant				--
<i>Cynara cardunculus</i>	Leaf				Jim Duke's personal files.
<i>Cytisus scoparius</i>	Plant				--
<i>Daucus carota</i>	Seed				--
<i>Diospyros virginiana</i>	Plant				--
<i>Dodonaea viscosa</i>	Plant				--
<i>Drimys winteri</i>	Leaf				--
<i>Echinacea</i> spp	Leaf				Economic & Medicinal Plant Research, 5: 253.
<i>Echinacea purpurea</i>	Leaf				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Echinacea angustifolia</i>	Leaf				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

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>Equisetum arvense</i>	Sprout Seedling				Jim Duke's personal files.
<i>Equisetum arvense</i>	Plant				Jim Duke's personal files.
<i>Eriobotrya japonica</i>	Plant				--
<i>Eucalyptus globulus</i>	Leaf				--
<i>Eucalyptus globulus</i>	Stem Bark		0.3		--
<i>Eucommia ulmoides</i>	Leaf				--
<i>Eupatorium perfoliatum</i>	Plant				--
<i>Euphorbia lathyris</i>	Leaf				--
<i>Euphorbia hirta</i>	Plant				--
<i>Euphrasia officinalis</i>	Plant				--
<i>Fagopyrum esculentum</i>	Testa		25.0		--
<i>Fagopyrum esculentum</i>	Plant				--
<i>Fagopyrum esculentum</i>	Sprout Seedling				--
<i>Fagopyrum esculentum</i>	Seed				--
<i>Ficus carica</i>	Plant				--
<i>Filipendula ulmaria</i>	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Foeniculum vulgare</i>	Fruit				--
<i>Foeniculum vulgare</i>	Leaf				Jim Duke's personal files.
<i>Foeniculum vulgare</i>	Seed				--
<i>Forsythia suspensa</i>	Flower				--
<i>Fragaria spp</i>	Leaf				--
<i>Galega officinalis</i>	Shoot				--
<i>Geranium thunbergii</i>	Leaf				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ginkgo biloba	Tissue Culture				Jim Duke's personal files.
Ginkgo biloba	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Glycine max	Plant				--
Glycine max	Shoot				--
Glycyrrhiza glabra	Plant				Stitt, Paul. Why George should eat broccoli.
Glycyrrhiza glabra	Root				--
Glycyrrhiza glabra	Shoot				--
Glycyrrhiza uralensis	Leaf		7.0	-0.3519175096210679	--
Gossypium sp	Plant				--
Guazuma tomentosa	Flower				--
Haematoxylum campechianum	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Hamamelis virginiana	Leaf				--
Helianthus annuus	Flower	100.0	400.0	-0.4773236748162204	--
Helianthus annuus	Leaf	60.0	210.0	-0.34863362562221356	--
Hibiscus rosa-sinensis	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
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				--
Houttuynia cordata	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
Humulus lupulus	Plant				--
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.



Plant	Part	Low PPM	High PPM	StdDev	Reference
Hypericum perforatum	Stem				--
Hypericum perforatum	Flower		1000.0	0.9439875157035426	--
Hypericum perforatum	Plant		20000.0	1.0	--
Hypericum perforatum	Leaf				--
Hypericum perforatum	Shoot				--
Inula helenium	Inflorescence				--
Ipomoea batatas	Root				--
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.
Juglans nigra	Leaf				--
Juniperus communis	Leaf				--
Kalanchoe pinnata	Leaf				--
Kalanchoe spathulata	Leaf				--
Lactuca sativa	Plant				--
Laurus nobilis	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ledum palustre	Leaf				--
Leonurus cardiaca	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.
Ligustrum japonicum	Flower				--
Ligustrum lucidum	Fruit				--
Lippia dulcis	Plant				--
Ludwigia adscendens	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Ludwigia perennis	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

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	Fruit				--
Maclura pomifera	Root	360.0	1130.0		--
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	Bark		14.0		--
Maclura pomifera	Fruit	270.0	520.0	2.0037988794180372	--
Magnolia denudata	Plant				--
Magnolia officinalis	Plant				--
Magnolia kobus	Plant				--
Malus domestica	Pericarp	58.0	263.0	1.0	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
Malus domestica	Fruit	2.5	41.0	-0.582618968173555	--
Malus domestica	Heart Wood				--
Mangifera indica	Plant				--
Maranta arundinacea	Leaf				--
Marrubium vulgare	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.
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				--
Melia azedarach	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
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.
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	Plant				--
Musa x paradisiaca	Plant				Stitt, Paul. Why George should eat broccoli.
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.
Myristica fragrans	Plant				--
Nelumbo nucifera	Flower				--
Nerium oleander	Leaf				--
Nicotiana tabacum	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ocimum basilicum	Leaf				--
Oenothera biennis	Leaf	91000.0	207000.0	2.9965603257230544	--
Oenothera biennis	Herb				--
Olea europaea	Stem				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>Ononis spinosa</i>	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.
<i>Origanum vulgare</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Origanum vulgare</i>	Leaf				--
<i>Paeonia moutan</i>	Leaf				--
<i>Paeonia lactiflora</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<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>Panax notoginseng</i>	Root				--
<i>Passiflora incarnata</i>	Leaf				Jim Duke's personal files.
<i>Pastinaca sativa</i>	Leaf				--
<i>Perilla frutescens</i>	Leaf				Abstract (See species file)
<i>Persea americana</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Petasites hybridus</i>	Leaf				Wichtl, M. 1984. Teedrogen. Ein Handbuch für Apotheker und Ärzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
<i>Petroselinum crispum</i>	Leaf				--
<i>Petroselinum crispum</i>	Tissue Culture				--
<i>Petroselinum crispum</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Phoenix dactylifera</i>	Pollen Or Spore				Abstract (See species file)
<i>Phyllanthus niruri</i>	Plant				--
<i>Phyllanthus emblica</i>	Tissue Culture		11850.0		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Pimpinella anisum</i>	Seed				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>Pinus sylvestris</i>	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Pinus sylvestris</i>	Leaf				--
<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>Plumeria acutifolia</i>	Flower				--
<i>Podophyllum hexandrum</i>	Rhizome	5600.0	12000.0	1.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Podophyllum peltatum</i>	Resin, Exudate, Sap		50000.0		--
<i>Podophyllum pleianthum</i>	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Polygonum aviculare</i>	Plant				--
<i>Polygonum hydropiperoides</i>	Plant				--
<i>Polygonum hydropiper</i>	Plant				--
<i>Populus tacamahacca</i>	Plant				--
<i>Prosopis juliflora</i>	Plant				--
<i>Prunella vulgaris</i>	Flower				--
<i>Prunus spinosa</i>	Flower				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Prunus armeniaca	Fruit				--
Prunus laurocerasus	Plant				--
Prunus cerasus	Fruit				--
Prunus serotina	Plant				--
Prunus dulcis	Plant				--
Prunus armeniaca	Plant				--
Prunus persica	Plant				--
Prunus domestica	Plant				--
Psidium guajava	Fruit				--
Psidium guajava	Root				--
Psidium guajava	Leaf		200.0	-0.3487953933068862	--
Psidium guajava	Heart Wood				--
Psidium cattleianum	Plant				--
Psidium guajava	Flower				--
Pteridium aquilinum	Plant				--
Pueraria montana	Root				--
Pueraria montana	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Pueraria montana	Flower				--
Punica granatum	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	Leaf				--
Punica granatum	Fruit				--
Pyrus communis	Pericarp		28.0	-1.0	--
Quercus velutina	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Quercus robur	Bark				--
Quercus infectoria	Leaf				--
Quercus alba	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Rhododendron dauricum	Plant				--
Rhus coriaria	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.
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				--
Rosa damascena	Flower				--
Rosa spp	Fruit				--
Rubus idaeus	Juice				--
Rumex crispus	Leaf				--
Rumex acetosa	Fruit				--
Ruta graveolens	Plant				--
Salix alba	Bark				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Sambucus nigra	Leaf				--
Sambucus canadensis	Fruit				--
Sanguisorba officinalis	Plant				--
Sanguisorba minor	Plant				--
Schinus molle	Leaf				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Schinus terebinthifolius	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Senna occidentalis	Root				--
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	Fruit				--
Solanum tuberosum	Flower				--
Solidago gigantea	Leaf				--
Solidago virgaurea	Leaf				--
Solidago gigantea	Flower				--
Sophora japonica	Plant				--
Sorbus aucubaria	Fruit				--
Spartium junceum	Plant				--
Spinacia oleracea	Leaf	1.0	19.0	-0.35172338839946077	--
Syzygium aromaticum	Fruit				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Tabebuia impetiginosa	Heart Wood				--
Tagetes minuta	Shoot				--
Tagetes patula	Plant				--
Tanacetum vulgare	Plant				--
Taraxacum officinale	Flower				--
Terminalia chebula	Fruit				Polovyanov, G. G. 1974. Flavonoids from the Fruit of the Yellow Myrobalan Plum. Chem. Nat. Comp. 10 (5): 690-.
Terminalia catappa	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Terminalia ivorensis	Bark				--



Plant	Part	Low PPM	High PPM	StdDev	Reference
Terminalia ivorensis	Stem Bark				Iwu, M. M., Anyanwu, B. N. 1982. Anti-Inflammatory and Anti-Arthritic Properties of Terminalia ivorensis. Fitoterapia 53: 25-34.
Teucrium scordium	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Teucrium montanum	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Teucrium botrys	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Theobroma cacao	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Thespesia populnea	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Thevetia peruviana	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Tilia sp.	Flower				--
Tribulus terrestris	Flower				--
Tridax procumbens	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Trifolium pratense	Flower				--
Trigonella foenum-graecum	Plant				--
Trigonella foenum-graecum	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.
Trigonella foenum-graecum	Flower				--
Trigonella foenum-graecum	Leaf				--
Triticum aestivum	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tussilago farfara	Leaf				--
Uncaria catechu	Bulb				--
Urginea maritima	Bulb				--
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.
Urtica dioica	Inflorescence				Jim Duke's personal files.
Vaccinium macrocarpon	Fruit	100.0	250.0	0.5459015540532566	--
Vaccinium corymbosum	Plant				--
Vaccinium vitis-idaea	Leaf				--
Vaccinium myrtillus	Leaf				--
Valeriana officinalis	Plant				--
Viburnum opulus	Leaf				--
Vigna radiata	Sprout Seedling				--
Viola tricolor	Flower				--
Viola odorata	Plant				--
Vitis vinifera	Fruit	0.5	16.0	-0.7176094612628865	--
Vitis vinifera	Leaf				--
Withania somnifera	Leaf				--
Zea mays	Pollen Or Spore				--
Zea mays	Plant				--
Zingiber officinale	Plant				Stitt, Paul. Why George should eat broccoli.