

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**List of Plants for APIGENIN**

<b>Plant</b>	<b>Part</b>	<b>Low PPM</b>	<b>High PPM</b>	<b>StdDev</b>	<b>Reference</b>
Achillea millefolium	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Acinos suaveolens	Shoot	23.3	23.3	-1.0000000000000002	Jim Duke's personal files.
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.
Allium sativum var. sativum	Bulb	--	693		--
Aloysia citrodora	Plant	--	--		--
Anethum graveolens	Leaf	--	--		--
Anisochilus carnosus	Plant	--	--		Wealth of India.
Apium graveolens	Plant	--	--		--
Apium graveolens	Pt	0	1910		--
Apium graveolens	Seed	--	--		--
Araucaria bidwillii	Leaf	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
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 dracuncululus	Plant	--	--		Stitt, Paul. Why George should eat broccoli.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ballota nigra	Shoot	--	--		Seidel, V., Verholle, M., Malard, Y., Tillequin, F., Fruchart, J-C., Duriez, P., Bailleul, F., Teissier, E. 2000. Phenylpropanoids from Ballota nigra L. Inhibit in vitro LDL Peroxidation. Phytotherapy Research, 14(2): 93-98.
Camellia sinensis	Leaf	--	--		--
Centaurea calcitrapa	Plant	--	--		--
Centaurea cyanus	Shoot	--	--		Jim Duke's personal files.
Chamaemelum nobile	Plant	--	--		--
Cichorium intybus	Shoot	--	--		--
Colchicum autumnale	Tuber	--	--		--
Conyza canadensis	Plant	--	--		--
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.
Crataegus laevigata	Leaf	--	--		--
Crataegus laevigata	Bud	--	--		--
Crataegus laevigata	Fruit	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Crataegus monogyna	Fruit	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Crataegus monogyna	Flower	--	--		--
Crataegus monogyna	Leaf	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Crataegus rhipidophylla	Fruit	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Crataegus rhipidophylla	Leaf	--	--		--
Crataegus rhipidophylla	Bud	--	--		--
Cynara cardunculus	Leaf	--	--		Jim Duke's personal files.
Daphne genkwa	Flower	--	--		--
Daucus carota	Fruit	--	--		--
Digitalis purpurea	Flower	--	--		--
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.
Ephedra sinica	Shoot	--	--		Jim Duke's personal files.
Equisetum arvense	Plant	--	--		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Eucalyptus globulus	Leaf	--	--		--
Euphrasia officinalis	Plant	--	--		--
Ginkgo biloba	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Ginkgo biloba	Pollen Or Spore	--	109		Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Glechoma hederacea	Plant	--	--		Jim Duke's personal files.
Glycyrrhiza glabra	Root	--	--		--
Hydnocarpus wightiana	Seed	--	--		--
Jatropha gossypifolia	Leaf	--	--		--
Juniperus communis	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.
Linum usitatissimum	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Lycopodium clavatum	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.
Maclura pomifera	Fruit	--	5		--
Maclura pomifera	Tissue Culture	--	--		--
Malus domestica	Heart Wood	--	--		--
Marrubium vulgare	Plant	--	--		Lawrence Review of Natural Products, Jun-88.
Marrubium vulgare	Shoot	--	--		--
Marrubium vulgare	Leaf	--	--		--
Matricaria recutita	Plant	--	--		--
Matricaria recutita	Flower	6	8400		Tramil
Medicago sativa	Shoot	69.5	70	0.9999999999999999	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mentha aquatica	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Mentha spicata	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Mentha x rotundifolia	Shoot	--	--		Jim Duke's personal files.
Ocimum basilicum	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
Ocimum tenuiflorum	Leaf	--	--		--
Olea europaea	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.
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.
Origanum vulgare	Plant	--	--		--
Origanum vulgare	Leaf	--	--		--
Passiflora incarnata	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.
Perilla frutescens	Seed	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Petroselinum crispum	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
Petroselinum crispum	Tissue Culture	--	--		--
Phaseolus vulgaris	Plant	--	--		--
Phoenix dactylifera	Stem	--	--		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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pimpinella anisum	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.
Plantago major	Leaf	--	--		--
Pogostemon cablin	Plant	--	--		--
Prosopis juliflora	Plant	--	--		--
Prunus cerasus	Plant	--	--		--
Pueraria montana	Root	--	--		--
Punica granatum	Leaf	--	--		--
Rosmarinus officinalis	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Salix alba	Bark	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Salix alba	Leaf	--	--		--
Salvia officinalis	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
Salvia officinalis	Shoot	--	--		--
Satureja montana	Plant	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Satureja montana	Shoot	--	--		--
Scutellaria baicalensis	Leaf	--	60		--
Scutellaria galericulata	Plant	--	--		Abstract (See species file)
Scutellaria lateriflora	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
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	Fruit	--	--		--
Silybum marianum	Seed	--	--		--
Stachys officinalis	Shoot	--	--		--
Stellaria media	Shoot	--	--		--
Tanacetum vulgare	Plant	--	--		--
Teucrium polium	Plant	--	--		Abstract (See species file)
Thymus serpyllum	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Thymus vulgaris	Plant	--	--		--
Trigonella foenum-graecum	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.
Triticum aestivum	Seed	--	--		--