

List of Plants



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SCOPOLETIN

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
Aesculus hippocastanum	Bark	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ailanthus altissima	Plant	--	--		*
Allium ampeloprasum	Plant	--	--		*
Althaea officinalis	Leaf	--	--		*
Althaea officinalis	Flower	--	--		*
Althaea officinalis	Shoot	--	--		*
Althaea officinalis	Root	--	--		*
Anethum graveolens	Root	--	--		*
Anethum graveolens	Shoot	--	2.0		*
Anethum graveolens	Seed Essent. Oil	--	--		*
Anethum graveolens	Fruit	--	--		*
Anethum graveolens	Seed	--	--		*
Angelica archangelica	Tissue Culture	--	--		*
Angelica dahurica	Root	--	--		*
Angelica archangelica	Root	--	--		*
Angelica sinensis	Root	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
Apium graveolens	Plant	--	--		*
Apium graveolens	Leaf	--	--		*
Artemisia dracunculus	Shoot	--	--		*
Artemisia abrotanum	Plant	--	--		*
Artemisia dracunculus	Leaf	--	--		*
Artemisia capillaris	Bud	--	--		*
Artemisia vulgaris	Plant	--	--		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Artemisia annua	Plant	--	--		*

<i>Artemisia dracunculus</i>	Plant	--	--		*
<i>Atropa belladonna</i>	Root	--	--		*
<i>Avena sativa</i>	Root	--	10.0	-1.0	*
<i>Avena sativa</i>	Sprout Seedling	--	--		*
<i>Azadirachta indica</i>	Plant	--	--		*
<i>Baptisia tinctoria</i>	Plant	--	--		*
<i>Brunfelsia uniflorus</i>	Plant	--	--		*
<i>Capsicum frutescens</i>	Fruit	--	--		*
<i>Capsicum annum</i>	Fruit	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Carum carvi</i>	Plant	--	--		Wealth of India.
<i>Carum carvi</i>	Root	--	--		*
<i>Casimiroa edulis</i>	Bark	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Centaurea cyanus</i>	Shoot	--	--		Jim Duke's personal files.
<i>Chamaemelum nobile</i>	Plant	--	--		*
<i>Chenopodium album</i>	Plant	--	--		*
<i>Cichorium intybus</i>	Flower	--	--		Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
<i>Cichorium intybus</i>	Plant	--	--		*
<i>Citrus paradisi</i>	Fruit	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Citrus limon</i>	Leaf	--	--		Jim Duke's personal files.
<i>Citrus limon</i>	Shoot	--	--		Jim Duke's personal files.
<i>Coffea arabica</i>	Seed	--	--		*
<i>Coriandrum sativum</i>	Shoot	--	--		*
<i>Coriandrum sativum</i>	Fruit	--	--		*
<i>Cynara cardunculus</i>	Leaf	--	--		Jim Duke's personal files.
<i>Datura innoxia</i>	Plant	--	--		*
<i>Datura stramonium</i>	Plant	--	--		*
<i>Daucus carota</i>	Root	--	--		*
<i>Duboisia myoporoides</i>	Shoot	--	--		Plouvier, V. 1987. Occurrence and distribution of syringoside, skimmmin and similar coumarin glycosides and loganin in several botanical groups. C. R. Acad. Sci. Ser. III, 305(6): 183-186.
<i>Eleutherococcus senticosus</i>	Stem Bark	--	--		*
<i>Ficus carica</i>	Leaf	--	--		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>Foeniculum vulgare</i>	Fruit	--	--		*
<i>Foeniculum vulgare</i>	Seed	--	--		Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
<i>Gelsemium sempervirens</i>	Root	--	--		*

<i>Glehnia littoralis</i>	Root	--	--		*
<i>Glehnia littoralis</i>	Rhizome	--	--		*
<i>Glycyrrhiza uralensis</i>	Shoot	--	2.0		*
<i>Helianthus annuus</i>	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
<i>Hibiscus sabdariffa</i>	Root Bark	--	--		*
<i>Hordeum vulgare</i>	Protoplast	--	--		*
<i>Hordeum vulgare</i>	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Hypericum perforatum</i>	Plant	--	--		*
<i>Inula helenium</i>	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
<i>Inula helenium</i>	Shoot	--	--		*
<i>Ipomoea purga</i>	Tuber	--	--		*
<i>Lawsonia inermis</i>	Leaf	--	--		*
<i>Lycium chinense</i>	Leaf	--	30.0		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.
<i>Lycium barbarum</i>	Fruit	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Lycium chinense</i>	Fruit	9.0	19.0	-0.53	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.
<i>Mandragora officinarum</i>	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Medicago sativa</i>	Fruit	--	120.0	1.4	*
<i>Medicago sativa</i>	Plant	--	--		*
<i>Melia azedarach</i>	Leaf	--	--		*
<i>Menyanthes trifoliata</i>	Plant	--	--		*
<i>Menyanthes trifoliata</i>	Shoot	--	--		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
<i>Morinda citrifolia</i>	Fruit	--	0.85	-0.87	*
<i>Morus alba</i>	Leaf	--	--		*
<i>Nicotiana tabacum</i>	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Passiflora incarnata</i>	Root	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Pimpinella anisum</i>	Fruit	--	--		*
<i>Pimpinella anisum</i>	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.
<i>Pimpinella anisum</i>	Tissue Culture	--	25000.0		*
<i>Pimpinella anisum</i>	Leaf	--	--		*
<i>Polygonum multiflorum</i>	Plant	--	--		*
<i>Prunella vulgaris</i>	Plant	--	--		*
<i>Prunella vulgaris</i>	Shoot	--	--		*
<i>Prunus serotina</i>	Bark	--	--		*
<i>Quercus rubra</i>	Wood	--	--		*

Rhododendron dauricum	Plant	--	--		*
Ruta graveolens	Plant	--	--		*
Scopolia carniolica	Rhizome	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Simaba multiflora	Wood	--	--		Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
Skimmia arborescens	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Solanum tuberosum	Tuber Epidermis	--	--		*
Solanum melongena	Fruit	--	--		*
Sonchus oleraceus	Plant	--	--		*
Sterculia urens	Bark	--	--		*
Taraxacum officinale	Flower	--	--		*
Urtica dioica	Plant	1.0	10.0		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.
Urtica dioica	Root	3.0	36.0	1.0	*
Urtica dioica	Flower	--	--		*
Vaccinium corymbosum	Plant	--	--		*
Viburnum opulus	Bark	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Viburnum prunifolium	Fruit Juice	--	--		*
Viburnum prunifolium	Root Bark	4.0	90.0	1.0	*
Viburnum opulus	Root Bark	--	7.5	-1.0	*
Viola odorata	Plant	--	--		*
Withania somnifera	Plant	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Zizyphus jujuba	Plant	--	--		*