

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for TANNINS

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Acacia farnesiana</i>	Fruit	110000	322000	2.5553598458512568	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.
<i>Aframomum melegueta</i>	Plant	--	--		--
<i>Aloe vera</i>	Plant	--	--		--
<i>Ammi visnaga</i>	Plant	--	--		--
<i>Anethum graveolens</i>	Plant	--	--		Pakistan Encyclopedia Planta Medica. 1986.
<i>Angelica archangelica</i>	Root	--	--		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
<i>Artemisia dracunculus</i>	Shoot	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Artemisia dracunculus</i>	Leaf	--	--		--
<i>Bixa orellana</i>	Fruit	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Camellia sinensis</i>	Leaf	33800	270000	2.2543514008830754	--
<i>Carica papaya</i>	Leaf	5000	6000	-1.136809680787192	--
<i>Castanea dentata</i>	Leaf	80000	90000	-0.05780388207392501	--
<i>Catalpa longissima</i>	Leaf	--	--		Tramil
<i>Cephaelis ipecacuanha</i>	Plant	--	--		--
<i>Chamissoa altissima</i>	Leaf	--	--		Tramil

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Chiococca alba</i>	Root	--	--		--
<i>Cinchona spp</i>	Bark	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Cinnamomum verum</i>	Bark	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Cnicus benedictus</i>	Plant	80000	80000	-0.7353243133122137	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Crataegus laevigata</i>	Flower	--	--		--
<i>Crataegus monogyna</i>	Flower	--	--		--
<i>Crataegus rhipidophylla</i>	Flower	--	--		--
<i>Dryopteris filix-mas</i>	Rhizome	78000	78000		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Ephedra gerardiana</i>	Plant	--	--		--
<i>Eucalyptus globulus</i>	Leaf	--	110000	0.19910226047685284	--
<i>Euphrasia officinalis</i>	Plant	124000	124000	0.01753827623374099	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Filipendula ulmaria</i>	Plant	10000	125000	0.03464878963251269	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>Frangula purshiana</i>	Bark	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Galega officinalis</i>	Flower	--	--		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Galeopsis segetum	Shoot	50000	50000	1	Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Geranium maculatum	Root	100000	280000	1.5184719776336744	--
Gnaphalium viscosum	Shoot	--	--		Tramil
Grindelia squarrosa	Plant	--	--		--
Guatteria discolor	Bark	--	--		Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
Hamamelis virginiana	Leaf	10000	70000	-0.3147100246247029	--
Heliotropium indicus	Plant	--	--		--
Hemidesmus indicus	Leaf	25000	25000	-0.892748845363953	--
Humulus lupulus	Fruit	20000	40000	-0.45457956903500574	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hypericum perforatum	Flower	--	162000	-1.414213562373095	--
Hypericum perforatum	Leaf	--	124000	0.3789365602623973	--
Hypericum perforatum	Plant	30000	160000	0.6335167585895222	--
Hypericum perforatum	Seed	121000	121000	1.4090882261939848	Watt, J.M. and Breyer-Brandwijk, M.G. 1962. The Medicinal and Poisonous Plants of Southern and Eastern Africa. E. & S. Livingstone, Ltd. Edinburg & London. 1457 pp.
Hypericum perforatum	Stem	--	38000		--
Hypericum perforatum	Shoot	--	3300	-1	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Inonotus obliquus</i>	Plant	--	--		Hobbs, C. 1996. 3rd Ed. (1st Ed. 1986). Medicinal Mushrooms. Botanical Press, Santa Cruz. 251 pp. (With a useful tabular summary of 'all medicinal mushrooms species').
<i>Juniperus sabina</i>	Plant	--	--		--
<i>Krameria spp</i>	Root	--	--		--
<i>Lawsonia inermis</i>	Leaf	50000	100000	0.0706491892014639	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Limonia acidissima</i>	Fruit	103000	39615	-0.4586888834844072	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Limonia acidissima</i>	Seed	800	833	-1.0739966759687045	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Mentha spicata</i>	Leaf	--	--		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
<i>Mentha x piperita</i>	Plant	60000	120000	-0.050903777361345805	Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
<i>Myrica cerifera</i>	Bark	--	39000	-1	--
<i>Nepeta cataria</i>	Plant	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Nicotiana tabacum</i>	Leaf	30000	60000	-0.4431630959000918	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Olea europaea</i>	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.
<i>Origanum vulgare</i>	Plant	80000	80000	-0.7353243133122137	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
Pavonia spinifex	Plant	--	--		Tramil
Petiveria alliacea	Leaf	--	--		Tramil
Peumus boldus	Leaf	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Phoenix dactylifera	Plant	7500	44800	-1.3376143849489774	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.
Physalis alkekengi	Root	110000	110000	-0.9475218721726366	--
Physalis peruviana	Root	125000	160000	-0.2222295634060746	--
Plantago ovata	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.
Pluchea carolinensis	Leaf	--	--		Tramil
Prosopis juliflora	Fruit	58100	58100	-0.2613884221930151	--
Psidium guajava	Seed	14000	14000	-0.8019188267523961	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Rheum palmatum	Root	50000	100000	-1.092580333925949	Abstract (See species file)
Rhus toxicodendron	Plant	250000	250000	2.1734629644789742	--
Ribes nigrum	Leaf	85000	85000	-0.12203041771161947	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Robinia pseudoacacia	Wood	33000	70000		--
Rosa canina	Leaf	100000	260000	2.1258983296076868	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
Rosa centifolia	Flower	100000	240000	0.7071067811865467	--
Rosa gallica	Flower	100000	240000	0.7071067811865467	--
Rumex acetosa	Fruit	50000	50000	-0.34784412879081206	--
Rumex acetosa	Root	27800	226600	0.743859791870986	--
Salvia officinalis	Leaf	785	10000	-1.0854284522770363	--
Sorbus aucubaria	Bark	44700	44700	1	--
Sorbus aucubaria	Fruit	4000	6000	-0.8174800658652643	--
Stevia rebaudiana	Leaf	--	78000	-0.2119475676043917	--
Syzygium aromaticum	Fruit	--	100000	0.1858330724301565	--
Tagetes lucida	Plant	--	--		Tramil
Tanacetum parthenium	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.
Tanacetum vulgare	Plant	--	--		--
Terminalia chebula	Fruit	20000	45000	-0.4012118489129089	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Theobroma cacao	Seed	75400	75400	0.46682727652711586	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Thespesia populnea	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Turnera diffusa	Leaf	35000	35000	-0.7642957740885641	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
Uncaria catechu	Branches	--	--		--
Valeriana officinalis	Root	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Zanthoxylum americanum	Bark	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Zanthoxylum clava-herculis	Plant	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.