

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for LIGNIN

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acacia decurrens	Plant	--	--		--
Acacia nilotica	Plant	--	--		--
Ailanthus altissima	Plant	--	--		--
Albizia lebbek	Wood	--	220000	-0.9152274713602758	Wealth of India.
Alisma plantago-aquatica	Plant	--	--		--
Allium ampeloprasum	Plant	--	--		--
Allium sativum var. sativum	Bulb	--	16000		LAWSON in Koch, H. P. and Lawson, L. D., eds. 1996. Garlic- The Science and therapeutic application of Allium sativum L. and related species. Williams & Wilkins, Baltimore. 329 pp.
Allium sativum var. sativum	Epidermis	--	16000		LAWSON in Koch, H. P. and Lawson, L. D., eds. 1996. Garlic- The Science and therapeutic application of Allium sativum L. and related species. Williams & Wilkins, Baltimore. 329 pp.
Aloe vera	Plant	--	--		Pakistan Encyclopedia Planta Medica. 1986.
Anabasis aphylla	Plant	--	--		--
Arctium lappa	Plant	--	--		--
Arisaema triphyllum	Plant	--	--		--
Arundo donax	Stem	157000	227000	0.7720721628827478	--
Avena sativa	Hull Husk	100000	150000	-1	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Avena sativa	Plant	85000	85000	-0.9668714696835661	Jim Duke's personal files.*

Plant	Part	Low PPM	High PPM	StdDev	Reference
Bixa orellana	Plant	--	88200	-0.9356977799809222	Duke, J. A. and duCellier, J. L. 1993. CRC Handbook of Alternative Cash Crops. CRC Press. Boca Raton, FL 33431. 536 pp. US \$312.50.
Boehmeria nivea	Stem	14600	14600	-1.5589602094881923	--
Camellia sinensis	Leaf	--	65000		--
Ceratonia siliqua	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Cocos nucifera	Hull Husk	294000	294000	1	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Conium maculatum	Plant	320000	320000	1.3224463678543485	--
Croton eluteria	Bark	--	--		--
Croton lechleri	Plant	--	--		Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp.
Drimys winteri	Wood	277000	279000	-0.2999777089950317	--
Glycine max	Tissue Culture	--	--		--
Glycyrrhiza glabra	Root	100000	180000		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Helianthus annuus	Pericarp	250000	300000		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.
Hordeum vulgare	Plant	15000	77000	-1.044805693940176	Jim Duke's personal files.*
Humulus lupulus	Stem	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Lantana camara	Stem	140000	140000	-0.18272923257992538	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Linum usitatissimum	Seed	52000	72000	0.4935473881578569	Cunane, S. and Thompson, L. U., eds. 1995. Flaxseed in Human Nutrition. AOCS Press, Champaign IL. 384 pp.
Maclura pomifera	Wood	--	412200	1.089026839260062	Smith, J. L. and Perino, J. V. 1981. Osage Orange (Maclura pomifera): History and Economic Uses. Economic Botany 35(1): 24-41
Musa x paradisiaca	Fruit	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Nicotiana tabacum	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Oenothera biennis	Seed	160000	160000	2.0364308751166993	--
Oryza sativa	Plant	45000	255300	0.6921533291790163	--
Phaseolus acutifolius	Seed	1200	4000	-0.6986807608557938	--
Phaseolus coccineus	Seed	9900	9900	-0.5952374361619625	--
Phaseolus lunatus	Seed	3400	6400	-0.6566021203023709	--
Phaseolus vulgaris	Seed	4100	10800	-0.5794579459544289	--
Punica granatum	Seed	--	--		Newman, R. A., Lansky, E. P., with Block, M. L. 2007. Pomegranate - The Most Medicinal Fruit. Basic Health Publications, Laguna Beach, CA. 120 pp.
Quercus suber	Cork	126000	180000		--
Robinia pseudoacacia	Wood	216000	216000	-0.9569393196562246	--
Salix alba	Wood	255000	255000	-0.5502487987707242	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Scutellaria churchilliana	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Scutellaria lateriflora	Plant	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Sorbus aucubaria	Wood	464400	464400	1.633366459522193	--
Spigelia marilandica	Plant	--	--		--
Trigonella foenum-graecum	Plant	280000	280000	0.9327752465712993	--
Zea mays	Stem	213000	245000	0.9696172791853698	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Zea mays	Cob	--	--		--