

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for VANILLIN

Plant	Part	Low PPM	High PPM	StdDev	Reference
Zingiber officinale	Plant				Stitt, Paul. Why George should eat broccoli.
Zea mays	Shoot				--
Zea mays	Seed	4.0	31.0		Jim Duke's personal files.
Zea mays	Cob				--
Vitis vinifera	Fruit				--
Viola odorata	Flower				--
Vanilla planifolia	Shoot				--
Vanilla planifolia	Fruit	13000.0	30000.0	0.9999999999999999	--
Vanilla planifolia	Seed				--
Vanilla planifolia	Root				--
Vanilla tahitensis	Fruit				--
Vaccinium myrtillus	Fruit Juice		0.015		--
Vaccinium corymbosum	Fruit	0.01	0.05	-1.0	--
Urtica dioica	Root				--
Tilia sp.	Flower				--
Tabebuia impetiginosa	Stem Bark				--
Syzygium aromaticum	Flower				--
Syzygium aromaticum	Fruit				--
Styrax tonkinensis	Resin, Exudate, Sap		3000.0		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Styrax benzoin	Resin, Exudate, Sap				--
Solanum melongena	Root				--
Serenoa repens	Wood				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Scutellaria baicalensis	Root Essent. Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rosa canina	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Quercus suber	Cork				--
Quercus rubra	Wood				--
Myroxylon balsamum	Plant				--
Myristica fragrans	Essential Oil				--
Moringa oleifera	Stem				=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
Mentha spicata	Essential Oil				--
Mentha x piperita	Leaf	0.001	0.01		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Mentha spicata	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Melia azedarach	Fruit				--
Lycopersicon esculentum	Plant				--
Lupinus albus	Seed				--
Liquidambar styraciflua	Resin, Exudate, Sap				--
Liquidambar orientalis	Resin, Exudate, Sap				--
Jasminum officinale	Flower				--
Ilex paraguariensis	Leaf				--
Helianthus annuus	Seed				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.
Helianthus annuus	Root		0.9		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Helianthus annuus	Fruit				--
Guaiacum sp.	Wood				--
Gastrodia elata	Rhizome				--
Foeniculum vulgare	Seed				--
Foeniculum vulgare	Fruit				--
Filipendula ulmaria	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ferula assa-foetida	Plant		600.0		--
Elytrigia repens	Rhizome				--
Eleutherococcus senticosus	Root				--
Echinacea purpurea	Shoot		2.4		Jim Duke's personal files.
Echinacea spp	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.
Echinacea purpurea	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Cymbopogon winterianus	Plant				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Croton lechleri	Plant				Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp.
Croton eluteria	Bark				--
Cocos nucifera	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Cinnamomum verum	Plant				--
Cinnamomum verum	Stem Bark				--
Cinnamomum camphora	Wood				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Catalpa ovata	Wood				--
Beta vulgaris	Root				--
Avena sativa	Plant				Stitt, Paul. Why George should eat broccoli.
Ananas comosus	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses