

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for VANILLIN

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ananas comosus	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Avena sativa	Plant				Stitt, Paul. Why George should eat broccoli.
Beta vulgaris	Root				--
Catalpa ovata	Wood				--
Cinnamomum verum	Stem Bark				--
Cinnamomum verum	Plant				--
Cinnamomum camphora	Wood				--
Cocos nucifera	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Croton lechleri	Plant				Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp.
Croton eluteria	Bark				--
Cymbopogon winterianus	Plant				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Echinacea purpurea	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
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	Shoot		2.4		Jim Duke's personal files.
Eleutherococcus senticosus	Root				--
Elytrigia repens	Rhizome				--
Ferula assa-foetida	Plant		600.0		--
Filipendula ulmaria	Flower				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
Foeniculum vulgare	Seed				--
Foeniculum vulgare	Fruit				--
Gastrodia elata	Rhizome				--
Guaiacum sp.	Wood				--
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		--
Helianthus annuus	Fruit				--
Ilex paraguariensis	Leaf				--
Jasminum officinale	Flower				--
Liquidambar styraciflua	Resin, Exudate, Sap				--
Liquidambar orientalis	Resin, Exudate, Sap				--
Lupinus albus	Seed				--
Lycopersicon esculentum	Plant				--
Melia azedarach	Fruit				--
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.
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
Myristica fragrans	Essential Oil				--
Myroxylon balsamum	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Quercus suber	Cork				--
Quercus rubra	Wood				--
Rosa canina	Fruit				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				--
Serenoa repens	Wood				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Solanum melongena	Root				--
Styrax benzoin	Resin, Exudate, Sap				--
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.
Syzygium aromaticum	Fruit				--
Syzygium aromaticum	Flower				--
Tabebuia impetiginosa	Stem Bark				--
Tilia sp.	Flower				--
Urtica dioica	Root				--
Vaccinium myrtillus	Fruit Juice		0.015		--
Vaccinium corymbosum	Fruit	0.01	0.05	-1.0	--
Vanilla planifolia	Root				--
Vanilla tahitensis	Fruit				--
Vanilla planifolia	Shoot				--
Vanilla planifolia	Fruit	13000.0	30000.0	0.9999999999999999	--
Vanilla planifolia	Seed				--
Viola odorata	Flower				--
Vitis vinifera	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Zea mays	Cob				--
Zea mays	Shoot				--
Zea mays	Seed	4.0	31.0		Jim Duke's personal files.
Zingiber officinale	Plant				Stitt, Paul. Why George should eat broccoli.