

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for VANILLIN

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vanilla planifolia	Fruit	13000.0	30000.0	0.9999999999999999	--
Vaccinium corymbosum	Fruit	0.01	0.05	-1.0	--
Cocos nucifera	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Foeniculum vulgare	Fruit				--
Elytrigia repens	Rhizome				--
Catalpa ovata	Wood				--
Ananas comosus	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Echinacea purpurea	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Mentha spicata	Essential Oil				--
Vitis vinifera	Fruit				--
Tilia sp.	Flower				--
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.
Solanum melongena	Root				--
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.
Zea mays	Shoot				--
Zea mays	Cob				--
Vanilla tahitensis	Fruit				--
Mentha spicata	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Urtica dioica	Root				--
Foeniculum vulgare	Seed				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cymbopogon winterianus</i>	Plant				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Filipendula ulmaria</i>	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Myristica fragrans</i>	Essential Oil				--
<i>Zea mays</i>	Seed	4.0	31.0		Jim Duke's personal files.
<i>Echinacea</i> 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.
<i>Liquidambar orientalis</i>	Resin, Exudate, Sap				--
<i>Melia azedarach</i>	Fruit				--
<i>Ferula assa-foetida</i>	Plant		600.0		--
<i>Myroxylon balsamum</i>	Plant				--
<i>Avena sativa</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Helianthus annuus</i>	Fruit				--
<i>Cinnamomum verum</i>	Plant				--
<i>Helianthus annuus</i>	Root		0.9		--
<i>Lycopersicon esculentum</i>	Plant				--
<i>Croton eluteria</i>	Bark				--
<i>Guaiacum</i> sp.	Wood				--
<i>Viola odorata</i>	Flower				--
<i>Echinacea purpurea</i>	Shoot		2.4		Jim Duke's personal files.
<i>Zingiber officinale</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Quercus rubra</i>	Wood				--
<i>Jasminum officinale</i>	Flower				--
<i>Syzygium aromaticum</i>	Flower				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
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
Styrax benzoin	Resin, Exudate, Sap				--
Cinnamomum verum	Stem Bark				--
Vanilla planifolia	Shoot				--
Vanilla planifolia	Root				--
Vanilla planifolia	Seed				--
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.
Ilex paraguariensis	Leaf				--
Liquidambar styraciflua	Resin, Exudate, Sap				--
Eleutherococcus senticosus	Root				--
Vaccinium myrtillus	Fruit Juice		0.015		--
Quercus suber	Cork				--
Rosa canina	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Tabebuia impetiginosa	Stem Bark				--
Gastrodia elata	Rhizome				--
Lupinus albus	Seed				--
Syzygium aromaticum	Fruit				--
Cinnamomum camphora	Wood				--
Serenoa repens	Wood				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
Scutellaria baicalensis	Root Essent. Oil				--
Beta vulgaris	Root				--
Croton lechleri	Plant				Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp.