

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for BENZOIC-ACID

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acacia farnesiana	Flower	--	--		--
Acacia farnesiana	Plant	--	--		--
Albizia lebbek	Flower	--	--		Wealth of India.
Arisaema consanguineum	Rhizome	--	--		--
Aspalathus linearis	Shoot	--	--		--
Caesalpinia pulcherrima	Leaf	--	--		--
Camellia sinensis	Leaf	--	--		--
Cananga odorata	Flower	--	--		--
Centaurea cyanus	Flower	--	--		Jim Duke's personal files.
Ceratonia siliqua	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Chrysanthemum x morifolium	Flower	--	--		Wealth of India.
Cinnamomum aromaticum	Bark	--	--		Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Citrus aurantium	Plant	--	--		--
Cnicus benedictus	Plant	--	--		Wichtl, M. 1984. Teedrogen. Ein Handbuch fur Apotheker und Arzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
Colchicum autumnale	Tuber	--	--		--
Daemonorops draco	Fruit	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Daphne genkwa	Flower	--	--		--
Digitalis purpurea	Leaf	--	--		--
Ephedra sinica	Shoot	--	--		--
Foeniculum vulgare	Fruit	--	--		--
Foeniculum vulgare	Seed	--	--		Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Ginkgo biloba	Plant	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Gloriosa superba	Bulb	--	--		--
Glycyrrhiza glabra	Root	--	--		--
Glycyrrhiza glabra	Root Essent. Oil	--	--		--
Hyacinthus orientalis	Flower	--	--		--
Iris x germanica	Rhizome	--	--		--
Jasminum officinale	Flower	--	--		--
Juniperus communis	Leaf	--	--		--
Levisticum officinale	Root	--	--		Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Ligustrum japonicum	Flower	--	--		--
Malus domestica	Plant	--	--		--
Malus domestica	Leaf	98	710	1.3479809099758226	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Melia azedarach	Root	--	--		--
Mentha x piperita	Leaf	0.02	0.2	-1.0444099465857013	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Morinda citrifolia	Fruit	--	8	-0.6617033802131775	--
Myroxylon balsamum	Gum	--	--		--
Narcissus tazetta	Flower	--	--		--
Nicotiana tabacum	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Ocimum gratissimum	Plant	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Olea europaea	Fruit	--	--		--
Paeonia lactiflora	Root	11000	11000	1.0000000000000002	Chemical Constituents of Oriental Herbs (3 diff. books)
Paeonia moutan	Root Bark	--	--		--
Paeonia officinalis	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Paeonia suffruticosa	Root Bark	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
Panax quinquefolius	Plant	--	--		--
Petiveria alliacea	Root	--	--		Tramil
Phaseolus vulgaris	Root	--	0.2	-0.9999999999999999	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Phoenix dactylifera	Stem	--	--		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.
Pinus sylvestris	Leaf	--	--		--
Piper auritum	Leaf	--	--		Tramil
Piper methysticum	Plant	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Piper methysticum	Rhizome	--	--		Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
Piper nigrum	Fruit	--	--		--
Plantago major	Leaf	--	--		--
Polypodium vulgare	Root	--	--		--
Pteridium aquilinum	Plant	--	--		--
Pueraria montana	Fruit Essent. Oil	--	--		--
Rubus idaeus	Plant	--	--		--
Scutellaria baicalensis	Root	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Scutellaria baicalensis	Root Essent. Oil	--	--		--
Styrax benzoin	Resin, Exudate, Sap	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Styrax tonkinensis	Resin, Exudate, Sap	110000	200000		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Taxus baccata	Leaf	4	220	-0.30357096339012085	--
Vaccinium macrocarpon	Fruit	124	124	-0.45674318767718664	--
Vaccinium myrtillus	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Vaccinium vitis-idaea	Fruit	1360	1360	1.7271430017580267	--
Vanilla planifolia	Fruit	--	38	-0.6086964338676627	--
Vetiveria zizanioides	Root	--	--		--
Vitis vinifera	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.