

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for ANETHOLE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Agastache rugosa	Tissue Culture	--	--		Jim Duke's personal files.
Agastache rugosa	Essential Oil	20000	20000	-1.4074654870795833	Jim Duke's personal files.
Anethum graveolens	Plant	--	--		Pakistan Encyclopedia Planta Medica. 1986.
Artemisia dracunculus	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
Artemisia dracunculus	Essential Oil	--	--		--
Canarium indicum	Plant	34000	85000		--
Citrullus colocynthis	Petiole	--	--		--
Foeniculum vulgare	Essential Oil	--	692000	0.8232345301786242	Jim Duke's personal files.
Foeniculum vulgare	Plant	--	--		Jim Duke's personal files.
Foeniculum vulgare	Seed	64800	800000		--
Foeniculum vulgare	Seed Essent. Oil	--	680000	-1	Jim Duke's personal files.
Glycyrrhiza glabra	Root	1	1		--
Illicium verum	Plant	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Magnolia kobus	Leaf Essent. Oil	--	--		--
Mentha x piperita	Leaf	0.001	0.01	-0.4885520732733946	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Myrrhis odorata	Essential Oil	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Myrrhis odorata	Plant	--	--		Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)
Ocimum basilicum	Plant	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Ocimum basilicum	Essential Oil	--	--		--
Ononis spinosa	Root	--	--		--
Origanum majorana	Essential Oil	--	--		--
Persea americana	Bark	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Persea americana	Leaf	250	1555	2.232819627682678	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Pimpinella anisum	Essential Oil	--	--		--
Pimpinella anisum	Seed	--	--		--
Pimpinella anisum	Shoot	--	--		--
Pimpinella anisum	Seed Essent. Oil	800000	900000	1	--
Pimpinella anisum	Root	--	--		--
Pimpinella anisum	Tissue Culture	--	--		--
Pimpinella anisum	Plant	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Pinus sylvestris	Leaf Essent. Oil	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rheum palmatum	Rhizome	--	1.5		--
Sassafras albidum	Root	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Sideritis scardica	Shoot	80	80		Menkovic, N., et al. 1991. The Essential Oil of Sideritis scardica. Pl. Med. 57. Suppl. 2. pp. A137-A132.
Stevia rebaudiana	Flower	--	--		Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Stevia rebaudiana	Leaf	--	--		Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Tagetes filifolia	Essential Oil	--	620000	0.5842309569009592	Abburraa, R. E., et al. 1990. Study of the Essential Oil of Tagetes filifolia (Asteraceae) as Potential Producer of Estragole and Anethole. An Asoc Quim Argent 78 3: 153-156. Fac Cience Exactas Fis Nat Univ Nac Cordoba Cordoba, Argentina.
Tagetes lucida	Leaf	--	--		Tramil
Teucrium cyprium	Leaf	90	90	-0.3310615174697965	Arnold, N., Bellomaria, B., Velentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Teucrium divaricatum	Leaf	0	0	-0.4885695741685833	Arnold, N., Bellomaria, B., Velentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Teucrium kotschyannum	Leaf	18	18	-0.457067962828826	Arnold, N., Bellomaria, B., Velentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Teucrium micropodioides	Leaf	12	12	-0.46756849994207844	Arnold, N., Bellomaria, B., Velentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Thymus vulgaris	Essential Oil	--	--		--