

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ANETHOLE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Agastache rugosa	Essential Oil		20000.0	-1.4074654870795833	Jim Duke's personal files.
Agastache rugosa	Tissue Culture				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	34000.0	85000.0		--
Citrullus colocynthis	Petiole				--
Foeniculum vulgare	Seed Essent. Oil		680000.0	-1.0	Jim Duke's personal files.
Foeniculum vulgare	Essential Oil		692000.0	0.8232345301786242	Jim Duke's personal files.
Foeniculum vulgare	Seed	64800.0	800000.0		--
Foeniculum vulgare	Plant				Jim Duke's personal files.
Glycyrrhiza glabra	Root		1.0		--
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				--
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	Essential Oil				--
Ocimum basilicum	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Ononis spinosa	Root				--
Origanum majorana	Essential Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Persea americana</i>	Leaf	250.0	1555.0	2.232819627682678	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Persea americana</i>	Bark				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Pimpinella anisum</i>	Tissue Culture				--
<i>Pimpinella anisum</i>	Shoot				--
<i>Pimpinella anisum</i>	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<i>Pimpinella anisum</i>	Root				--
<i>Pimpinella anisum</i>	Seed				--
<i>Pimpinella anisum</i>	Seed Essent. Oil	800000.0	900000.0	1.0	--
<i>Pimpinella anisum</i>	Essential Oil				--
<i>Pinus sylvestris</i>	Leaf Essent. Oil				--
<i>Rheum palmatum</i>	Rhizome		1.5		--
<i>Sassafras albidum</i>	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Sideritis scardica</i>	Shoot		80.0		Menkovic, N., et al. 1991. The Essential Oil of <i>Sideritis scardica</i> . Pl. Med. 57. Suppl. 2. pp. A137-A132.
<i>Stevia rebaudiana</i>	Leaf				Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
<i>Stevia rebaudiana</i>	Flower				Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
<i>Tagetes lucida</i>	Leaf				Tramil

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Tagetes filifolia	Essential Oil		620000.0	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.
Teucrium kotschyanum	Leaf		18.0	-0.457067962828826	Arnold, N., Bellomaria, B., Velentini G. and Razaiani, 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 Razaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Teucrium micropodioides	Leaf		12.0	-0.46756849994207844	Arnold, N., Bellomaria, B., Velentini G. and Razaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Teucrium cyprium	Leaf		90.0	-0.3310615174697965	Arnold, N., Bellomaria, B., Velentini G. and Razaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Thymus vulgaris	Essential Oil				--