

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for BETA-FARNESENE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Panax quinquefolius	Root Essent. Oil		260500.0	1.0	--
Eryngium foetidum	Seed Essent. Oil		100000.0		Tucker, A. O. and Debaggio, T. 2000. The Big Book of Herbs. Interweave Press, Inc. Loveland, CO. 688 pp.
Panax ginseng	Root Essent. Oil		85000.0	-1.0	--
Panax ginseng	Flower Essent. Oil		43000.0		--
Alpinia galanga	Rhizome Essent. Oil		9400.0		--
Alpinia galanga	Leaf Essent. Oil		9400.0	1.0	--
Tanacetum parthenium	Essential Oil		8000.0		--
Artemisia annua	Leaf	25.0	1520.0	1.2641397604287192	--
Panax ginseng	Leaf		1000.0	0.3101066332955471	--
Panax ginseng	Stem		1000.0		--
Mentha rotundifolia	Leaf		800.0	-0.056829184832596	--
Pinus sylvestris	Leaf Essent. Oil		600.0	-1.0	--
Ageratum conyzoides	Shoot		580.0	2.8197410371551395	R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
Cuminum cyminum	Fruit	220.0	440.0	1.0	--
Cuminum cyminum	Seed	220.0	440.0	1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Chrysanthemum x morifolium	Plant	20.0	75.0	1.3378319203503106	Wealth of India.
Sideritis scardica	Shoot		49.0	-0.18483921180013638	Menkovic, N., et al. 1991. The Essential Oil of Sideritis scardica. Pl. Med. 57. Suppl. 2. pp. A137-A132.
Tanacetum parthenium	Root		40.0	1.4074654870795833	--
Chrysanthemum parthenium	Shoot		38.0	-0.24708098720222307	Hendriks, H., Bos, R., and Woerdenbag, H. J. 1996. The Essential Oil of Tanacetum parthenium (L.) Schultz-Bip. Flavor and Fragrance Journal 11(6): 367-71.
Ageratum conyzoides	Plant	5.0	37.5	-0.2718588929054105	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Humulus lupulus	Fruit		35.0	-1.0	Phenolic Compounds in Food and Their Effects on Health. Antioxidants & Cancer Prevention. Huang, M.T., Ho, C.T. and Lee, C.Y. eds. 1992. ACS Symposium Series 507.ACS, Washington 402 pp.
Petroselinum crispum	Seed		25.0	-1.0	--
Sideritis germanicolpitana	Plant	8.0	19.0	-1.0659730274448995	J. Essential Oil, 4: 533.
Mentha aquatica	Shoot		17.0	-0.365906194788025	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha aquatica	Shoot		16.0	-0.3715645380063965	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Angelica archangelica	Root	5.0	15.0	-0.584230956900959	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Tanacetum parthenium	Shoot		12.0	-0.39419791087988254	--
Daucus carota	Root		12.0	-0.8232345301786242	--
Mentha aquatica	Shoot		11.0	-0.3998562540982541	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha aquatica	Shoot		6.0	-0.4281479701901117	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha aquatica	Shoot		6.0	-0.4281479701901117	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Petroselinum crispum	Leaf		3.9	-1.5174172088916698	--
Panax ginseng	Root				--
Pimpinella anisum	Plant				--
Psidium guajava	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
Copaifera spp	Gum				--
Origanum majorana	Essential Oil				--
Panax quinquefolius	Plant				--
Piper nigrum	Fruit				--
Agastache rugosa	Tissue Culture				Jim Duke's personal files.
Zingiber officinale	Root Essent. Oil				--
Centella asiatica	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Pimpinella anisum	Seed				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Origanum vulgare	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Piper nigrum	Fruit Essent. Oil				--
Achillea millefolium	Leaf				--
Artemisia annua	Plant				--
Panax ginseng	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Santalum album	Wood				--
Angelica archangelica	Root Essent. Oil				--
Origanum majorana	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Echinacea spp	Fruit				Economic & Medicinal Plant Research, 5: 253.