

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for NEROLIDOL

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acacia farnesiana	Flower				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Aloysia citrodora	Plant	13.0	140.0	1.8771192057127104	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Amomum xanthioides	Seed				--
Aralia cordata	Root		0.75		--
Artemisia dracunculus	Shoot		238.0	0.31301240869615476	--
Camellia sinensis	Leaf				--
Camellia sinensis	Shoot	800.0	1200.0	3.236724073060916	--
Centella asiatica	Shoot				Jim Duke's personal files.
Chamaemelum nobile	Plant				--
Chrysanthemum x morifolium	Plant	10.0	42.0	-0.18982104327431903	Wealth of India.
Cinnamomum camphora	Essential Oil				--
Citrus aurantium	Plant				--
Citrus sinensis	Flower				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Coriandrum sativum	Fruit	14.0	17.0	-0.7181710539929176	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cymbopogon nardus	Plant	9.0	36.0	-0.31636840545719835	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Elettaria cardamomum	Fruit	448.0	1280.0	-0.27992970059610406	Duke, J. A. and duCellier, J. L. 1993. CRC Handbook of Alternative Cash Crops. CRC Press. Boca Raton, FL 33431. 536 pp. US \$312.50.
Elettaria cardamomum	Seed Essent. Oil		12000.0		--
Eucalyptus nova-anglica	Leaf		0.0	-0.7220798297713206	Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Humulus lupulus</i>	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Illicium verum</i>	Fruit		50.0	-0.7067205673245923	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Jasminum officinale</i>	Flower				--
<i>Juniperus communis</i>	Leaf				--
<i>Lonicera japonica</i>	Flower	0.001	0.476	-1.2499229513165802	Schlotzhauer, W.S., S.D. Pair, and R.J. Horvat. 1996. Volatile constituents from the flowers of Japanese Honeysuckle. J. Agric. Food Chem. 44:206-209.
<i>Melaleuca viridiflora</i>	Leaf				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Melaleuca leucadendra</i>	Essential Oil				--
<i>Mentha x piperita</i>	Leaf	0.05	0.5	-0.720791838993579	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Mentha aquatica</i>	Shoot		2.0	-0.40423910148064757	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of <i>Mentha aquatica</i> Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
<i>Mentha aquatica</i>	Shoot		4.0	-0.3981606988520306	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of <i>Mentha aquatica</i> Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
<i>Mentha aquatica</i>	Shoot				Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of <i>Mentha aquatica</i> Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
<i>Mentha aquatica</i>	Shoot		0.1	-0.4100135839778336	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of <i>Mentha aquatica</i> Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mentha aquatica	Shoot		3.0	-0.40119990016633905	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.
Micromeria teneriffae	Leaf		1090.0	2.0857400657051186	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
Micromeria juliana	Leaf		740.0	1.1841465212860787	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
Micromeria myrtifolia	Shoot		8.0	-0.38600389359479664	Ozek, T., Kirimer, N., and Baser, K.H.C. 1992. Composition of the Essential Oil of Micromeria myrtifolia Boiss. et Hohen. J. Ess. Oil Res., 4: 79-80.
Momordica charantia	Seed Essent. Oil				Jim Duke's personal files.
Murraya koenigii	Leaf		2.0	-0.7169278666603546	--
Myroxylon balsamum	Gum				--
Myroxylon balsamum	Plant				--
Myrtus communis	Shoot	0.0	5.0	-0.3951214975377221	--
Ocimum basilicum	Plant		5.0	-0.9701964434020749	Die Nahrung. Pino, J., Rosado, A., Goire, I., Roncal, E., and Garcia, I. 1993. Analysis of the Essential Oil from Cuban Basil. Die Nahrung 37:(5): 501-504.
Ocimum basilicum	Essential Oil				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Ocimum basilicum	Shoot Essent. Oil		4700.0		--
Origanum vulgare	Plant		3.0	-1.0123788974630346	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
Panax ginseng	Shoot				--
Piper cubeba	Fruit Essent. Oil		36000.0		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Piper nigrum	Fruit Essent. Oil				--
Piper nigrum	Fruit				--
Piper cubeba	Fruit	3500.0	7000.0	1.7048213219136141	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ravensara aromatica	Leaf		20.0	-0.670560198661661	--
Salvia sclarea	Plant				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Santalum acuminatum	Wood				--
Sideritis scardica	Shoot		145.0	0.03036668646546562	Menkovic, N., et al. 1991. The Essential Oil of Sideritis scardica. Pl. Med. 57. Suppl. 2. pp. A137-A132.
Sideritis athoa	Shoot		1.0	-0.407278302794956	Ozek, T., Baser, K.H.C. and Tumen, G. 1993. The Essential Oil of Sideritis athoa Papanikolaou Et Kokkini. J. Ess. Oil Res. 5: 669-670.
Sideritis mugronensis	Leaf	15.0	90.0	-0.49024148977785303	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. J. Ess. Oil Res., 3: 395-397.
Sideritis mugronensis	Flower	10.0	205.0	0.39784228266157035	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. J. Ess. Oil Res., 3: 395-397.
Stevia rebaudiana	Flower		330.0	1.404915556444935	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	85.0	300.0	0.05071463687357101	--
Telosma cordata	Flower		87.0	-0.5528348877899255	K. Furukawa, T. Arai, S. Hashimoto, (1993); Volatile components of Telosma cordata Merrill flowers, Flavour Fragr. J., Vol 8, 221-223.
Teucrium arduini	Shoot		7.0	-0.3890430949091051	Blazevic, N., Kalodera, Z., Petricic, J., and Plazibat, M. 1992. Essential Oil Content and Composition of Teucrium arduini L. J. Ess. Oil Res. 4: 223-225.

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Teucrium arduini	Shoot		7.0	-0.3890430949091051	Blazevic, N., Kalodera, Z., Petricic, J., and Plazibat, M. 1992. Essential Oil Content and Composition of Teucrium arduini L. J. Ess. Oil Res. 4: 223-225.
Thymus vulgaris	Plant		80.0	0.6116455838839169	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Thymus serpyllum	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Tilia sp.	Flower				--
Zea mays	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Zingiber officinale	Rhizome Essent. Oil				--
Zingiber officinale	Essential Oil				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
Zingiber officinale	Rhizome		60.0		--