

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for LINALOL

Plant	Part	Low PPM	High PPM	StdDev	Reference
Thymus orospedanus	Plant		945.0	-0.21857705594961638	J. Nat. Prod.
Rosa damascena	Essential Oil				--
Helianthus annuus	Flower				--
Iris x germanica	Rhizome				--
Tilia sp.	Flower				--
Syringa vulgaris	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Lycopus uniflorus	Plant		5.0	-0.4310846557491699	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Morus alba	Plant				--
Myristica fragrans	Seed				--
Mitracarpus scaber	Shoot		336.0	-0.16129754458094747	I. Laakso, T.O.E. Ekpendu, A.A. Adesomoju, O. Eundayo, J. I. Okogun, (1993); Constituents of the volatile oil of Mitracarpus scaber Zucc., Flavour Fragr. J., Vol 8, 269-271.
Dracocephalum thymiflora	Plant		32.0	-0.4249807140527997	--
Eupatorium triplinerve	Plant		390.0	-0.34404696859722506	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Micromeria teneriffae	Leaf		80.0	-0.39521395302873924	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.
Leonotis leonurus	Se		1.0		Pedro, L.G., Barroso, J.G., Marques, N.T., Ascensao, L., Pais, M.S.S. and Scheffer, J.J.C. 1991. Composition of the Essential Oil from Sepals of Leonotis leonurus R. Br. J. Ess. Oil Res. 3: 451-3
Alpinia officinarum	Rhizome				--
Satureja cuneifolia	Shoot		60.0	-0.2113859620962009	Tumen, G. 1991. The Volatile Constituents of Satureja cuneifolia. J. Ess. Oil Res., 3: 365-366.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ballota nigra	Plant		3.0	-0.4315367995785306	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Apium graveolens	Seed		1.0	-0.7142013588154137	--
Teucrium polium	Shoot		12.0	-0.22009699122928844	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian Teucrium Species. J. Ess. Oil Res. 5: 397-402.
Calamintha nepeta	Leaf		1.0	-0.4420070940950003	Akgul, A., De Pooter, H.L., and De Buyck, L.F. 1991. The Essential Oils of Calamintha nepeta subsp. glandulosa and Ziziphora clinopodioides from Turkey. J. Ess. Oil Res., 3: 7-10.
Ammi visnaga	Essential Oil				--
Calamintha nepeta	Shoot		34.0	-0.21610443620995665	Kirimer, N., Baser, K.H.C., Ozek, T. and Kurkcuoglu, M. 1992. Composition of the Essential Oil of Calamintha nepeta subsp. glandulosa. J. Ess. Oil Res. 4:189-190
Cinnamomum aromaticum	Plant				--
Zingiber officinale	Rhizome		50.0	-1.0	--
Origanum syriacum	Shoot		55.0	-0.21229336096423085	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Piper cubeba	Fruit				--
Origanum syriacum	Shoot		25.0	-0.21773775417241056	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Origanum syriacum	Shoot		55.0	-0.21229336096423085	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Pycnanthemum flexuosum	Shoot		10680.0	1.71592923359942	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus cuprea	Leaf		6.4	-0.4388085755917368	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Teucrium salviastrum	Shoot		0.74	-0.22214045348009193	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Petroselinum crispum	Leaf		0.12	-0.442528334147384	--
Ligustrum japonicum	Flower				--
Monarda punctata	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Daucus carota	Root		32.0	1.4136438127109305	--
Sideritis pauli	Shoot		3.0	-0.22173030919174236	Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of Sideritis pauli Pau. FFJ7: 47-8. 1992.
Teucrium gnaphalodes	Shoot		12.0	-0.22009699122928844	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian Teucrium Species. J. Ess. Oil Res. 5: 397-402.
Origanum vulgare	Plant		15.0	-0.4288239366023661	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.
Lantana camara	Leaf				--
Hyssopus officinalis	Shoot		85.0	-0.20684896775605113	Tsankova, E.T., Konatchiev, A.N. and Genova, E.M. 1993. Chemical Composition of the Essential Oils of Two Hyssopus officinalis cultivars. J. Ess. Oil Res. 5: 609-611.
Hyssopus officinalis	Shoot		85.0	-0.20684896775605113	Tsankova, E.T., Konatchiev, A.N. and Genova, E.M. 1993. Chemical Composition of the Essential Oils of Two Hyssopus officinalis cultivars. J. Ess. Oil Res. 5: 609-611.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Moldavica thymiflora	Plant		32.0	-0.4249807140527997	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Dictamnus albus	Shoot		4.0	-0.22154882941813636	Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2
Conyza canadensis	Plant				--
Dictamnus albus	Shoot		1.5	-0.22200252885215135	Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2
Dictamnus albus	Shoot		4.0	-0.22154882941813636	Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2
Eucalyptus sparsa	Leaf		30.0	-0.4248298650959931	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Elsholtzia blanda	Shoot		65.0	-0.21047856322817093	Bestman, H.J., Rauscher, J., Vostrowsky O., Pant, A.K., Dev. V., Perihar, R. and Mathela, C.S. 1992. Constituents of the Essential Oil of Elsholtzia blanda Benth. (Labiatae). J. Ess. Oils Res. 4: 121-124
Micromeria fruticosa	Shoot		7.0	-0.2210043900973184	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of Micromeria fruticosa (L.) Druce subsp. barbata (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
Mentha arvensis var. piperascens	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Micromeria fruticosa	Shoot		7.0	-0.2210043900973184	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of Micromeria fruticosa (L.) Druce subsp. barbata (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
Psoralea corylifolia	Seed				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pimpinella anisum	Fruit		50.0	-0.631067806170924	--
Elsholtzia polystachya	Leaf		0.2	-0.4424809486880763	Mathela, C.S., Melkani, A.B., Bisht, J.C., Pant, A.K., Bestmann, H.J., Erler, J., Kobold, U., Rauscher, J. and Vostrowsky, O. 1992. Chemical Varieties of Essential Oils from Elsholtzia polystachya from Two Different Locations in India. Planta Medica 58: 376-379.
Urtica dioica	Plant				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
Elsholtzia polystachya	Leaf		0.2	-0.4424809486880763	Mathela, C.S., Melkani, A.B., Bisht, J.C., Pant, A.K., Bestmann, H.J., Erler, J., Kobold, U., Rauscher, J. and Vostrowsky, O. 1992. Chemical Varieties of Essential Oils from Elsholtzia polystachya from Two Different Locations in India. Planta Medica 58: 376-379.
Monarda russeliana	Plant		150.0	-0.3983042281205153	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Robinia pseudoacacia	Flower				--
Teucrium arduini	Shoot		2.0	-0.22191178896534836	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.
Saussurea lappa	Root Essent. Oil				--
Teucrium arduini	Shoot		2.0	-0.22191178896534836	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.
Capsicum annuum	Fruit				--
Thymus broussonettii	Shoot		50.0	-0.2132007598322608	Tantaoui-Elaraki, A., Lattaoui, N., Errifi, A. and Benjilali, B. 1993. Composition and Antimicrobial Activity of the Essential Oils of Thymus broussonettii, T. zygis and T. satyroides. J. Ess. Oil Res. 5: 45-53.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Amomum xanthioides	Seed				--
Satureja subspicata	Plant		35.0	-0.42430249830875855	Stanic, G., Petricic, J., and Blazevic, N. 1991. Gas Chromatographic Investigations of Essential Oils of Satureja montana and Satureja subspicata from Yugoslavia. J. Ess. Oil Res., 3: 153-158.
Lavandula angustifolia	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Teucrium scorodonia	Shoot		1.28	-0.2220424544023447	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Gentiana lutea	Essential Oil				--
Juniperus communis	Plant				--
Glycyrrhiza glabra	Root		2.0	-0.6720601732560163	--
Origanum vulgare	Plant		6.0	-0.4308585838344895	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.
Galeopsis tetrahit	Shoot		12.0	-0.22009699122928844	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Prunus cerasus	Fruit				--
Ocimum gratissimum	Shoot		275.0	-0.1723678107709129	Vostrowsky, O., Garbe, W., Bestmann, H.J. and Maia, J.G.S. 1990. Essential Oil of Alfavaca, Ocimum gratissimum, from Brazilian Amazon. Zeitschr. Naturforschung 45(C): 1073-6.
Thymus zygis	Shoot		13.0	-0.21991551145568244	Jimenez, J., Navarro, M.C., Montilla, M.P., Martin, A. and Martinez, A. 1993. Thymus zygis Oil: Its Effects on CCl4-Induced Hepatotoxicity and Free Radical Scavenger Activity. JEO5: 153-8.
Ageratum conyzoides	Shoot		80.0	-0.20775636662408106	R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Thymus zygis	Shoot		13.0	-0.21991551145568244	Jimenez, J., Navarro, M.C., Montilla, M.P., Martin, A. and Martinez, A. 1993. Thymus zygis Oil: Its Effects on CCl4-Induced Hepatotoxicity and Free Radical Scavenger Activity. JEO5: 153-8.
Lepechinia calycina	Plant		130.0	-0.4028256664141229	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Magnolia fargesii	Flower				--
Melaleuca viridiflora	Leaf				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Eucalyptus behriana	Leaf		2.7	-0.44100015308471363	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Micromeria myrtifolia	Shoot		3.0	-0.22173030919174236	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.
Fragaria spp	Leaf				--
Croton eluteria	Bark				--
Monarda clinopodia	Plant		216.0	-0.3833834817516105	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Rosmarinus eriocalyx	Shoot		0.1	-0.22225660053519966	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus eriocalyx	Shoot				Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus lansdowneana	Leaf		23.0	-0.4289760927854086	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Teucrium kotschyianum	Leaf		135.0	-0.36263644975476	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 cilicicus	Shoot		120.0	-0.20049717567984146	Tumen, G., Koyuncu, M., Kirimer, N., and Baser, K.H.C. 1994. Composition of the Essential Oil of Thymus cilicicus Boiss. & Bal. J. Ess. Oil Res. 6: 97-8.
Syzygium aromaticum	Flower		1.0	-0.3900304526992942	--
Monarda citriodora	Plant		47.0	-0.4215896353325941	--
Pelargonium citrosum	Shoot		85.0	-0.20684896775605113	Matsuda, B. M., et al. 1996. Essential Oil Analysis and Field Evaluation of the Citrosa Plant 'Pelargonium citrosum' as a Repellent Against Populations of Aedes Mosquitoes. J. Am. Mosq. Contr. Assoc. 12(1):69-74.
Acacia farnesiana	Flower				--
Lavandula sp	Shoot				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Teucrium oxylepis	Shoot		12.87	-0.21993910382625126	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Ferula gummosa	Gum				--
Zea mays	Plant				--
Skimmia arborescens	Lb				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.



Plant	Part	Low PPM	High PPM	StdDev	Reference
Asarum canadense	Rhizome				--
Humulus lupulus	Fruit				--
Lippia alba	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
Teucrium asiaticum	Shoot		15.38	-0.21948358959450018	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Scutellaria churchilliana	Plant		26.0	-0.426337145540882	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus paradisi	Fruit				--
Origanum sipyleum	Shoot		105.0	-0.2032193722839313	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of Origanum sipyleum of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
Origanum sipyleum	Shoot		18.0	-0.2190081125876525	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of Origanum sipyleum of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
Ocimum sanctum	Leaf				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Origanum sipyleum	Shoot		105.0	-0.2032193722839313	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of Origanum sipyleum of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
Pimenta dioica	Leaf		5.0	-0.43963782112961997	--
Aniba rosaeodora	Essential Oil				--
Myrica cerifera	Leaf				--
Thymus riatarum	Shoot		130.0	-0.19868237794378155	Iglesias, J., Vila, R., Canigual, S., Bellakdhar, and Idrissi, A. 1991. Analysis of the Essential Oil of Thymus riatarum. J. Ess. Oil Res. 3: 43-4.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Sideritis athoa	Shoot		10.0	-0.22045995077650044	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.
Teucrium micropodioides	Leaf		20.0	-0.4307530475094438	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.
Origanum onites	Plant		39.0	-0.4233982106500371	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Artemisia vulgaris	Plant				--
Origanum onites	Shoot		100.0	-0.20412677115196126	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Frag. J. 8: 331-7.
Artemisia dracunculus	Shoot				--
Gardenia jasminoides	Flower				--
Piper nigrum	Fruit				--
Origanum vulgare	Plant		30.0	-0.42543285788216045	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.
Thymus capitatus	Shoot		11.0	-0.22027847100289444	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Frag. J. 8: 331-7.
Eucalyptus intertexta	Leaf		5.5	-0.4393416620089474	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Curcuma longa	Essential Oil		1600.0	1.0	--
Citrus mitis	Fruit Juice		0.9	-0.9999999999999999	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ocimum suave	Shoot		20.0	-0.21864515304044052	J. Nat. Prod. 44: 308.
Monarda didyma	Flower		2385.0	0.07319469612266988	Flavour and Fragrance Journal, 6: 80.
Brassica oleracea	Stem		0.08		--
Micromeria varia	Shoot		27.0	-0.21737479462519857	Pedro, L.G., et al. 1995. Composition of the Essential oil of Micromeria varia Benth. ssp. thymoides (Sol. ex Lowe) Perez var. thymoides, and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
Micromeria varia	Shoot		27.0	-0.21737479462519857	--
Eucalyptus porosa	Leaf		10.0	-0.4366762299228946	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Plantago asiatica	Flower				--
Plantago asiatica	Leaf				--
Plantago asiatica	Root				--
Theobroma cacao	Seed		5.0	-0.6999883964509279	--
Foeniculum vulgare	Plant		60.0	-0.4186507004417492	--
Plumeria acutifolia	Flower				--
Ocimum tenuiflorum	Leaf				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Thymus saturejoides	Shoot		630.0	-0.1079424911407862	Tantaoui-Elaraki, A., Lattaoui, N., Errifi, A. and Benjilali, B. 1993. Composition and Antimicrobial Activity of the Essential Oils of Thymus broussonettii, T. zygis and T. saturejoides. J. Ess. Oil Res. 5: 45-53.
Hyptis suaveolens	Plant		80.0	-0.41412926214814166	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Hyptis suaveolens	Shoot		34.0	-0.21610443620995665	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
Hyptis suaveolens	Shoot		34.0	-0.21610443620995665	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
Acinos alpinus	Shoot		1.0	-0.22209326873895435	Velasco-Negueruela, A., Perez-Alonso, M.J., Jimenez, S.M. and Garcia, F.M. 1993. The Volatile Constituents of Acinus alpinus (L.) Moench ssp. meridionalis (Nyman). P.W. Ball Growing in Spain. Flav. & Frag. J. 8:127-130.)
Acinos alpinus	Shoot		1.5	-0.22200252885215135	Velasco-Negueruela, A., Perez-Alonso, M.J., Jimenez, S.M. and Garcia, F.M. 1993. The Volatile Constituents of Acinus alpinus (L.) Moench ssp. meridionalis (Nyman). P.W. Ball Growing in Spain. Flav. & Frag. J. 8:127-130.)
Perilla frutescens	Plant				Kang, R., Helms, R., Stout, M.J., Jaber, H., Chen, Z., and Nakatsu, T. 1992. Antimicrobial Activity of the Volatile Constituents of Perilla frutescens and Its Synergistic Effects with Polygodial. J. Agric. Food Chem., 40: 2328-2330.
Rosmarinus officinalis	Leaf		90.0	-0.38929077061528844	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaïd, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.
Teucrium cyprum	Leaf		80.0	-0.39521395302873924	Arnold, N., Bellomaria, B., Velentini G. and Rifaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Helichrysum angustifolium	Plant				--
Rosmarinus officinalis	Leaf		90.0	-0.38929077061528844	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaïd, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rosmarinus officinalis	Plant		585.0	-0.29996294523455175	--
Rosmarinus officinalis	Shoot		65.0	-0.21047856322817093	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Teucrium oxylepis	Shoot		2.69	-0.2217865679215603	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Allium sativum var. sativum	Bulb				--
Ribes nigrum	Leaf		7.0	-0.43845318464692984	--
Angelica archangelica	Root		1.0	-0.7415836394549143	--
Aeolanthus myriantha	Flower				Wealth of India.
Prunus armeniaca	Fruit				--
Trichostemma dichotomum	Shoot		2.7	-0.22178475312382417	Tucker, A.O. and Maciarelo, M.J. 1990. The Essential Oil of Trichostemma dichotomum. J. Ess. Oil Res. 2: 149-150.
Annona cherimola	Plant				--
Elsholtzia eriostachya	Shoot		6.2	-0.2211495739162032	Pant, A.K., Dev, V., Parihar, R., Mathela, C.S., Rauscher, J., Vostrowsky, O. and Bestmann, H.J. 1992. The Essential Oil from Elsholtzia eriostachya var. pusilla. J. Ess. Oil Res. 4: 547-549.
Ephedra sinica	Shoot		32.0	-0.21646739575716864	--
Lycopersicon esculentum	Fruit				--
Artemisia salsoloides	Shoot		1000.0	-0.04079497490656966	V. Kaul, P. Weyerstahl, H. Wahlberg, H. Marschall, (1992); Volatile constituents of the essential oil and the absolute of Artemisia salsoloides Willd. from Ladakh, Flavour and Fragrance journal, Vol.7, 299-305.
Origanum creticum	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Scutellaria parvula	Plant		10.0	-0.42995429617576797	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Nepeta racemosa	Shoot		21.0	-0.21846367326683452	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of Nepeta racemosa Lam. J. Ess. Oil Res. 5: 215-7.
Vitis vinifera	Leaf Essent. Oil		273000.0	1.0	--
Nepeta racemosa	Shoot		21.0	-0.21846367326683452	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of Nepeta racemosa Lam. J. Ess. Oil Res. 5: 215-7.
Vitis vinifera	Fruit				--
Thymus x citriodorus	Plant		80.0	-0.41412926214814166	Stahl-Biskup, E. and Holthuijzen, J. 1995. Essential oil and glycosidally bound volatiles of lemon-scented thyme, Thymus x citriodorus (Pers.) Schreb. Flav. & Fragr. J. 10: 225-229.
Trifolium pratense	Flower		70.0	-0.3766233489791954	Buchnauer, G., Jirovetz, L., Nikiforov, A. 1996. Comparative Investigation of Essential Clover Flower Oils from Austria Using Gas Chromatography-Flame Ionization Detection, Gas Chromatography-Mass Spectrometry, and Gas Chrom.-Olfactometry. J. Agric. Food Chem. 44: 1827-8
Hyssopus officinalis	Shoot		10.0	-0.22045995077650044	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (Hyssopus officinalis L.) J. Agric. Food Chem. 42: 776-781.
Agastache foeniculum	Plant		15.0	-0.4288239366023661	Mazza, G. and Kiehn, F.A. 1992. Essential Oil of Agastache foeniculum, A Potential Source of Methyl Chavicol. J. Ess. Oil Res., 4: 295-299.
Elsholtzia pilosa	Shoot		46.0	-0.21392667892668477	--
Hyssopus officinalis	Shoot				Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (Hyssopus officinalis L.) J. Agric. Food Chem. 42: 776-781.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Croton lechleri	Plant				Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp.
Zanthoxylum alatum	Fruit		14745.0	1.891255247933385	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Hyssopus officinalis	Shoot		20.0	-0.21864515304044052	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.) J. Agric. Food Chem. 42: 776-781.
Zanthoxylum alatum	Leaf		75.0	-0.3981755442354646	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Eucalyptus largisparsa	Leaf		4.6	-0.4398747484261581	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Symphomyrtus</i> , Section <i>Adnataria</i> . Flavour and Fragrance J. 10(6):359-364
Hyssopus officinalis	Shoot		20.0	-0.21864515304044052	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.) J. Agric. Food Chem. 42: 776-781.
Hyssopus officinalis	Shoot				Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.) J. Agric. Food Chem. 42: 776-781.
Teucrium pseudoscorodonia	Shoot		1.18	-0.2220606023797052	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Origanum vulgare	Plant		30.0	-0.42543285788216045	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Hyssopus officinalis	Shoot		80.0	-0.20775636662408106	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.) J. Agric. Food Chem. 42: 776-781.
Hyssopus officinalis	Shoot		70.0	-0.20957116436014098	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.) J. Agric. Food Chem. 42: 776-781.
Citrus paradisi	Pericarp		13.0		--
Hyssopus officinalis	Shoot		50.0	-0.2132007598322608	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.) J. Agric. Food Chem. 42: 776-781.
Eucalyptus ochrophloia	Leaf		0.5	-0.4423032532156728	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Symphomyrtus</i> , Section <i>Adnataria</i> . Flavour and Fragrance J. 10(6):359-364
Hyssopus officinalis	Shoot		70.0	-0.20957116436014098	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.) J. Agric. Food Chem. 42: 776-781.
Teucrium divaricatum	Leaf		36.0	-0.4212759556479226	Arnold, N., Bellomaria, B., Velentini G. and Rifaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. J. Ethnopharm. 35: 105-113.
Satureja cilicica	Shoot		13.0	-0.21991551145568244	Tumen, G. Baser, K.H.C. and Kirimer, N. 1993. The Essential Oil of <i>Satureja cilicica</i> P.H. Davis. J. Ess. Oil Res. 5: 547-548.
Juniperus virginiana	Leaf				--
Satureja obovata	Leaf		1580.0	0.4932634089888759	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of <i>Satureja obovata</i> . Phytochemistry 35(1): 83.



Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus odorata	Leaf		23.0	-0.4289760927854086	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Pycnanthemum torreyi	Shoot		10.0	-0.22045995077650044	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Satureja obovata	Leaf		1940.0	0.7064979758731036	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. Phytochemistry 35(1): 83.
Thymus longicaulis	Shoot		40.0	-0.2150155575683207	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of Thymus longicaulis C. Presl subsp. longicaulis in the same Population. J. Ess. Oil Res. 5: 291-5.
Micromeria juliana	Leaf		150.0	-0.35375167613458386	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.
Satureja obovata	Leaf		945.0	0.11714132573475211	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. Phytochemistry 35(1): 83.
Thymus longicaulis	Shoot		24.0	-0.21791923394601656	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of Thymus longicaulis C. Presl subsp. longicaulis in the same Population. J. Ess. Oil Res. 5: 291-5.
Anethum graveolens	Plant				--
Satureja obovata	Leaf		1580.0	0.4932634089888759	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. Phytochemistry 35(1): 83.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Thymus longicaulis	Shoot		40.0	-0.2150155575683207	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of Thymus longicaulis C. Presl subsp. longicaulis in the same Population. J. Ess. Oil Res. 5: 291-5.
Carica papaya	Fruit				--
Agastache nepetoides	Plant		9.0	-0.43018036809044835	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Salvia officinalis	Plant	0.0	3500.0	0.3590366860587444	--
Eucalyptus leucoxylon	Leaf	0.0	5.5	-0.4393416620089474	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus viridis	Leaf	0.0	0.5	-0.4423032532156728	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus melanophloia	Leaf	0.0	0.8	-0.44212555774326934	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus desquamata	Leaf	0.0	15.0	-0.4337146387161692	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus fasciculosa	Leaf	0.0	1.3	-0.4418293986225968	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Vaccinium corymbosum	Fruit	0.01	0.05	-0.6396414731700739	--
Hyacinthus orientalis	Flower	0.032	0.46	-0.3901353778588428	--
Rosmarinus x lavandulaceus	Shoot	0.1	30.0	-0.2168303553043806	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Hyssopus officinalis	Flower	0.1	1.0	-0.3900304526992942	Flavour and Fragrance Journal, 6: 69.
Citrus sinensis	Fruit Juice	0.15	4.69	1.0000000000000002	--
Lonicera japonica	Flower	0.182	3.858	-0.38947512657709066	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Hyssopus officinalis	Leaf	0.2	160.0	-0.34782849372113306	--
Vitex agnus-castus	Leaf	0.5	16.0	-0.43312232047482413	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of Vitex agnus-castus L. J. Essential Oil Research, 2: 115-119.
Leonurus cardiaca	Plant	1.0	4.0	-0.4313107276638502	--
Cleonia lusitanica	Leaf	1.0	2.0	-0.44141477585365524	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of Cleonia lusitanica. J. Ess. Oil Res., 3: 441-442.
Pycnanthemum pilosum	Flower	1.0	210.0	-0.349420529836966	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum pilosum	Leaf	1.0	210.0	-0.3182125816538792	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Glechoma hederacea	Plant	1.0	4.0	-0.4313107276638502	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Foeniculum vulgare	Fruit	1.0	2050.0	-0.2877778362349853	--
Micromeria congesta	Leaf	1.0	3.0	-0.44082245761231015	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.
Origanum vulgare	Plant	1.0	600.0	-0.2965718665143461	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Melissa officinalis	Shoot	1.0	16.0	-0.21937107213486448	Deutsche Apot. Ztit. 129(4):155-163. W. Schulze et al. Die Melisse.
Ocimum gratissimum	Plant	2.0	12.0	-0.4295021523464072	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus reticulata	Fruit	3.0	610.0	-0.5349466145888611	--
Sideritis germanicolpitana	Plant	3.0	4.0	-0.4313107276638502	J. Essential Oil, 4: 533.
Daucus carota	Seed	4.0	600.0	1.4141897552663414	--
Artemisia pallens	Plant	4.0	17.0	-0.42837179277300536	--
Cistus ladaniferus	Leaf	4.0	280.0	-0.27675030475972384	--
Sideritis mugronensis	Leaf	5.0	10.0	-0.4366762299228946	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. J. Ess. Oil Res., 3: 395-397.
Monarda didyma	Plant	5.0	5900.0	0.901609281291647	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Aloysia citrodora	Plant	5.0	35.0	-0.42430249830875855	--
Ocimum basilicum	Plant	5.0	8730.0	1.541392799837111	--
Litsea glaucescens	Shoot	5.0	20.0	-0.21864515304044052	Tucker, et al, EB46(1):21-24.1992
Camellia sinensis	Leaf	6.0	1984.0	0.7325599784922869	--
Rosmarinus officinalis	Shoot	6.0	13.0	-0.21991551145568244	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Salvia sclarea	Plant	7.0	930.0	-0.22196813466982201	Flavour and Fragrance Journal, 6: 153.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Salvia dorisiana	Shoot	7.0	7.4	-0.22093179818787606	Tucker, A.O. & Maciarello, M.J. 1994. The Essential Oil of Salvia dorisiana Standley. J. Ess. Oil Res. 6: 97-8.
Thymus serpyllum	Plant	8.0	134.0	-0.40192137875540135	--
Citrus limon	Essential Oil	8.0	30.0	-1.0	--
Citrus aurantiifolia	Fruit	9.0	20.0	-0.636217155719963	--
Sideritis mugronensis	Flower	10.0	25.0	-0.385367112274912	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. J. Ess. Oil Res., 3: 395-397.
Melaleuca alternifolia	Leaf	10.0	25.0	-0.4277914563027185	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Mentha longifolia	Shoot	10.0	33360.0	5.831890498983289	--
Pycnanthemum incanum	Shoot	11.0	38.0	-0.21537851711553269	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Mentha spicata	Plant	11.0	9375.0	1.6872091848059536	--
Mentha x piperita	Leaf	12.0	120.0	-0.37152122337493615	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Origanum minutiflorum	Shoot	13.0	17.0	-0.21918959236125848	Baser, K.H.C., Tumen, G., Sezik, E. 1991. The Essential Oil of Origanum minutiflorum O. Schwarz and P.H. Davis. J. Ess. Oil Res. 3: 445-446.
Mentha pulegium	Plant	15.0	30.0	-0.42543285788216045	--
Eucalyptus citriodora	Leaf	15.0	180.0	-0.3359821288942315	--
Monarda fistulosa	Plant	15.0	341.0	-0.3551244924165635	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Rosmarinus x mendizabalii	Shoot	16.0	33.0	-0.21628591598356264	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Myrtus communis	Plant	18.0	505.0	-0.3180486984089818	--
Lycopus virginicus	Plant	20.0	50.0	-0.42091141958855294	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Thymus vulgaris	Plant	20.0	17420.0	3.5059577384095792	--
Monarda media	Plant	22.0	63.0	-0.41797248469770804	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ocimum gratissimum	Leaf	25.0	45.0	-0.41594509147581693	Charles, D.J. and Simon, J.E. 1992. A New Geraniol Chemotype of Ocimum gratissimum L. J. Ess. Oil Res. 4: 231-234.
Satureja douglasii	Plant	26.0	182.0	-0.39106992685074327	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Acorus calamus	Rhizome	30.0	6000.0	1.0	--
Cuminum cyminum	Fruit	30.0	318.0	-0.5850669501995082	--
Pelargonium graveolens	Plant	30.0	505.0	-0.3180486984089818	--
Citrus sinensis	Fruit	30.0	530.0	-0.5486782133862986	--
Thymus capitatus	Plant	30.0	180.0	-0.39152207068010403	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Rosmarinus officinalis	Shoot	30.0	65.0	-0.21047856322817093	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Ocimum basilicum	Plant	30.0	300.0	-0.36439344091845893	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Pycnanthemum albescens	Shoot	32.0	108.0	-0.20267493296311334	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum loomisii	Shoot	33.0	84.0	-0.2070304475296571	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cymbopogon nardus	Plant	36.0	144.0	-0.3996606596085976	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cymbopogon parkeri	Plant	39.0	499.0	-0.3194051298970641	Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cymbopogon winterianus</i>	Plant	40.0	105.0	-0.40847746428113224	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Ocimum gratissimum</i>	Flower	46.0	140.0	-0.3630219394080807	Charles, D.J. and Simon, J.E. 1992. A New Geraniol Chemotype of <i>Ocimum gratissimum</i> L. J. Ess. Oil Res. 4: 231-234.
<i>Pycnanthemum tenuifolium</i>	Shoot	46.0	700.0	-0.09523890698836686	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Carum carvi</i>	Fruit	48.0	96.0	-0.6231721368623974	--
<i>Rosmarinus tomentosus</i>	Shoot	65.0	100.0	-0.20412677115196126	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the <i>Rosmarinus eriocalyx-tomentosus</i> Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
<i>Pycnanthemum setosum</i>	Shoot	80.0	124.0	-0.19977125658541747	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum clinopodioides</i>	Plant	84.0	88.0	-0.41232068683069867	--
<i>Origanum majorana</i>	Plant	99.0	568.0	-0.3038061677841181	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Thymus zygis</i>	Shoot	100.0	4920.0	0.6706057376289136	De Cunha, A.P. and Salguiero, L.R. 1991. The Chemical Polymorphism of <i>Thymus zygis</i> ssp. <i>sylvestris</i> from Central Portugal. J. Ess. Oil Res. 3: 409-12.
<i>Pycnanthemum montanum</i>	Shoot	105.0	120.0	-0.20049717567984146	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Satureja montana</i>	Plant	115.0	14260.0	2.791570488019591	--
<i>Pimenta racemosa</i>	Leaf	130.0	1020.0	0.16156519383563286	--
<i>Cinnamomum verum</i>	Leaf	195.0	390.0	-0.21159529821176554	--
<i>Umbellularia californica</i>	Plant	200.0	800.0	-0.2513574835782709	--
<i>Cinnamomum verum</i>	Bark	230.0	956.0		--
<i>Illicium verum</i>	Fruit	250.0	1400.0	-0.39934707646416534	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Lavandula x hybrida	Shoot	320.0	580.0	-0.11701647982108573	Tucker, A.O., Maciarelo, M.J., Angell, S., Espailat, J.R., and French, E.C. 1993. The Essential Oil of Lavandula x hybrida Balb. ex Ging., a Distinct Hybrid from L. x heterophylla Poir. (Labiatae). J. Ess. Oil Res. 5: 443-445.
Narcissus tazetta	Flower	525.0	1125.0	-0.17163067615739502	--
Salvia triloba	Plant	700.0	5040.0	0.7071874346665236	--
Laurus nobilis	Leaf	800.0	3340.0	1.5357435137562112	--
Thymus mastichina	Plant	850.0	7890.0	1.3514923915055952	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Satureja obovata	Shoot	865.0	3370.0	0.38931208853962807	Fitoterapia No.60: 277.
Mentha aquatica	Leaf	1080.0	3060.0	1.3698944061795897	--
Elettaria cardamomum	Fruit	1288.0	8000.0	0.7335098243244321	--
Lavandula latifolia	Plant	1490.0	5104.0	0.7216560372060676	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus aurantium	Leaf	1990.0	2795.0	1.2129300722231442	--
Ocimum kilimandscharicum	Leaf	2970.0	5075.0	2.5634156624899194	Charles, D.J., and Simon, J.E. 1992. Essential Oil Constituents of Ocimum kilimandscharicum Guerke. J. Ess. Oil Res., 4: 125-128.
Ocimum canum	Shoot	3055.0	5230.0	0.7268644674467707	--
Lavandula x intermedia	Plant	3098.0	3710.0	0.40651178814162336	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Peumus boldus	Leaf	3400.0	4300.0	2.1043690254474847	--
Camellia sinensis	Shoot	4000.0	10300.0	1.6469669196291437	--
Coriandrum sativum	Fruit	4060.0	16900.0	2.2611501905393587	--
Monarda didyma	Leaf	5195.0	9645.0	5.270310025436921	--
Cinnamomum camphora	Plant	5520.0	22800.0	4.722224639390002	--
Citrus limon	Pericarp Essent. Oil	7000.0	110000.0		--
Bursera delpechiana	Wood	7500.0	84000.0		--



Plant	Part	Low PPM	High PPM	StdDev	Reference
Ocimum kilimandscharicum	Flower	10380.0	18130.0	3.1325403203684017	Charles, D.J., and Simon, J.E. 1992. Essential Oil Constituents of Ocimum kilimandscharicum Guerke. J. Ess. Oil Res., 4: 125-128.
Citrus limon	Leaf Essent. Oil	17000.0	81000.0	-1.0	--
Pycnanthemum pycnanthemoides	Shoot	26598.0	39556.0	6.956339176246006	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.