

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for TRANS-SABINENE-HYDRATE

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Aloysia citrodora</i>	Plant	2.0	14.0	-0.3718926775847774	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Angelica archangelica</i>	Root Essent. Oil				--
<i>Angelica archangelica</i>	Root		1.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Artemisia salsoloides</i>	Shoot		2150.0	4.8659688223596325	V. Kaul, P. Weyerstahl, H. Wahlberg, H. Marschall, (1992); Volatile constituents of the essential oil and the absolute of <i>Artemisia salsoloides</i> Willd. from Ladakh, Flavour and Fragrance journal, Vol.7, 299-305.
<i>Artemisia annua</i>	Plant		1.0	-0.398820639243658	--
<i>Calamintha nepeta</i>	Shoot		17.0	-0.26925624546928556	Kirimer, N., Baser, K.H.C., Ozek, T. and Kurkcuoglu, M. 1992. Composition of the Essential Oil of <i>Calamintha nepeta</i> subsp. <i>glandulosa</i> . J. Ess. Oil Res. 4:189-190
<i>Calamintha nepeta</i>	Leaf		1.0	-0.9047998796032819	Akgul, A., De Pooter, H.L., and De Buyck, L.F. 1991. The Essential Oils of <i>Calamintha nepeta</i> subsp. <i>glandulosa</i> and <i>Ziziphora clinopodioides</i> from Turkey. J. Ess. Oil Res., 3: 7-10.
<i>Citrus reticulata</i>	Fruit	0.0	0.1	-0.5231287251565837	--
<i>Citrus sinensis</i>	Fruit	0.0	0.1	-0.5231287251565837	--
<i>Cuminum cyminum</i>	Seed		87.0	-1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Cuminum cyminum</i>	Seed Essent. Oil		800.0	-1.0	--
<i>Cuminum cyminum</i>	Fruit		87.0	-0.43545971945575607	--
<i>Elettaria cardamomum</i>	Fruit	875.0	2500.0	1.9988936839515734	--
<i>Elsholtzia polystachya</i>	Leaf		0.4	-0.9329909737748976	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 <i>Elsholtzia polystachya</i> from Two Different Locations in India. <i>Planta Medica</i> 58: 376-379.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Elsholtzia polystachya</i>	Leaf		0.4	-0.9329909737748976	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 <i>Elsholtzia polystachya</i> from Two Different Locations in India. <i>Planta Medica</i> 58: 376-379.
<i>Elsholtzia pilosa</i>	Shoot		12.0	-0.2812938100914818	--
<i>Hyssopus officinalis</i>	Leaf	1.0	40.0	0.9276212415517329	--
<i>Hyssopus officinalis</i>	Flower	1.0	6.0		--
<i>Juniperus communis</i>	Fruit	1.0	6.0	-0.5171765141826495	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Laurus nobilis</i>	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lavandula x hybrida</i>	Shoot	47.0	75.0	-0.12962049585180913	Tucker, A.O., Maciarelo, M.J., Angell, S., Espailat, J.R., and French, E.C. 1993. The Essential Oil of <i>Lavandula x hybrida</i> Balb. ex Ging., a Distinct Hybrid from <i>L. x heterophylla</i> Poir. (Labiatae). <i>J. Ess. Oil Res.</i> 5: 443-445.
<i>Melaleuca alternifolia</i>	Root Essent. Oil		4200.0		--
<i>Mentha longifolia</i>	Shoot	1.0	80.0	-0.11758293122961287	Fleisher, Z. and Fleisher, A. 1991. The Essential Oils from <i>Mentha longifolia</i> Growing in Sinai and Israel. <i>J. Ess. Oil Res.</i> , 3: 57.
<i>Mentha spicata</i>	Essential Oil				--
<i>Micromeria fruticosa</i>	Shoot		10.0	-0.2861088359403603	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of <i>Micromeria fruticosa</i> (L.) Druce subsp. <i>barbata</i> (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. <i>J. Ess. Oil Res</i> 3: 477-479.
<i>Micromeria varia</i>	Shoot		60.0	-0.16573318971839784	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Micromeria teneriffae	Leaf		35.0	0.6926954567882695	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 fruticosa	Shoot		10.0	-0.2861088359403603	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.
Micromeria varia	Shoot		60.0	-0.16573318971839784	--
Monarda fistulosa	Plant	1.0	217.0	0.048597800626973886	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Murraya koenigii	Leaf		9.0	-0.5289186239817404	--
Myristica fragrans	Essential Oil	3000.0	9000.0	-1.0	--
Myristica fragrans	Seed	60.0	480.0	1.0	--
Myristica fragrans	Seed Essent. Oil	3000.0	8000.0	1.0	--
Nepeta racemosa	Shoot		22.0	-0.2572186808470893	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.
Nepeta racemosa	Shoot		22.0	-0.2572186808470893	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.
Ocimum gratissimum	Plant	5.0	60.0	-0.2766091209456613	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ocimum basilicum	Plant				--
Ocimum basilicum	Essential Oil				--
Origanum vulgare	Plant		2.5	-0.3957135667445564	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.
Origanum syriacum	Shoot		0.0	-0.3101839651847528	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Origanum vulgare	Plant		3.5	-0.39364218507848864	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.
Origanum syriacum	Shoot		0.0	-0.3101839651847528	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Origanum vulgare	Shoot Essent. Oil		1500.0	-1.0	--
Origanum onites	Shoot		0.0	-0.3101839651847528	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.
Origanum majorana	Essential Oil		51000.0	1.0	--
Origanum vulgare	Plant		165.0	-0.0591140460085486	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.
Origanum syriacum	Shoot		120.0	-0.021282414252042765	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Origanum majorana	Plant	30.0	1850.0	3.431164061315594	--
Origanum majorana	Leaf Essent. Oil		60000.0	1.0	--
Origanum vulgare	Plant				--
Piper nigrum	Fruit Essent. Oil		1400.0		--
Piper nigrum	Fruit				--
Pycnanthemum loomisii	Shoot	66.0	168.0	0.0942782061210412	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Rosmarinus officinalis	Leaf Essent. Oil				--
Rosmarinus officinalis	Plant		19.0	-0.36153576925443864	--
Rosmarinus officinalis	Shoot Essent. Oil		14400.0	1.0	--
Salvia officinalis	Leaf	10.0	56.0	1.6793837527948157	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Salvia officinalis</i>	Leaf Essent. Oil		2000.0	-1.0	--
<i>Satureja cilicica</i>	Shoot		70.0	-0.14165806047400537	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.
<i>Sideritis germanicolpitana</i>	Plant	3.0	4.0	-0.3926064942454548	J. Essential Oil, 4: 533.
<i>Thymus capitatus</i>	Plant	30.0	60.0	-0.2766091209456613	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Thymus funkii</i>	Shoot		90.0	-0.09350780198522038	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of <i>Thymus funkii</i> Cousson. Flav. & Fragr. J. 10(6): 379-383.
<i>Thymus longicaulis</i>	Shoot		5.0	-0.29814640056255653	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of <i>Thymus longicaulis</i> C. Presl subsp. <i>longicaulis</i> in the same Population. J. Ess. Oil Res. 5: 291-5.
<i>Thymus mastichina</i>	Plant	80.0	110.0	-0.17304003764227432	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Thymus x citriodorus</i>	Plant		10.0	-0.38017820424904836	Stahl-Biskup, E. and Holthuijzen, J. 1995. Essential oil and glycosidally bound volatiles of lemon-scented thyme, <i>Thymus x citriodorus</i> (Pers.) Schreb. Flav. & Fragr. J. 10: 225-229.
<i>Thymus cilicicus</i>	Shoot		145.0	0.038905408858938464	Tumen, G., Koyuncu, M., Kirimer, N., and Baser, K.H.C. 1994. Composition of the Essential Oil of <i>Thymus cilicicus</i> Boiss. & Bal. J. Ess. Oil Res. 6: 97-8.
<i>Thymus zygis</i>	Shoot		10.0	-0.2861088359403603	Jimenez, J., Navarro, M.C., Montilla, M.P., Martin, A. and Martinez, A. 1993. <i>Thymus zygis</i> Oil: Its Effects on CCl <sub>4</sub> -Induced Hepatotoxicity and Free Radical Scavenger Activity. JEO5: 153-8.
<i>Thymus longicaulis</i>	Shoot		5.0	-0.29814640056255653	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of <i>Thymus longicaulis</i> C. Presl subsp. <i>longicaulis</i> in the same Population. J. Ess. Oil Res. 5: 291-5.

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Thymus capitatus	Shoot		0.0	-0.3101839651847528	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. <i>Flav. &amp; Frag. J.</i> 8: 331-7.
Thymus funkii	Shoot		90.0	-0.09350780198522038	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of <i>Thymus funkii</i> Cousson. <i>Flav. &amp; Fragr. J.</i> 10(6): 379-383.
Thymus longicaulis	Shoot		0.0	-0.3101839651847528	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of <i>Thymus longicaulis</i> C. Presl subsp. <i>longicaulis</i> in the same Population. <i>J. Ess. Oil Res.</i> 5: 291-5.