

# List of Plants

## CARYOPHYLLENE-EPOXIDE

### Chemid

#### CARYOPHYLLENEEPOXIDE

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
<i>Aloysia citrodora</i>	Plant	--	--		*
<i>Carthamus tinctorius</i>	Leaf	--	1.14	-1.0	*
<i>Carthamus tinctorius</i>	Flower	2.4	4.5		*
<i>Chrysanthemum parthenium</i>	Shoot	--	31.0	1.64	Hendriks, H., Bos, R., and Woerdenbag, H. J. 1996. The Essential Oil of <i>Tanacetum parthenium</i> (L.) Schultz-Bip. <i>Flavor and Fragrance Journal</i> 11(6): 367-71.
<i>Cleonia lusitanica</i>	Leaf	4.0	6.0	1.0	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . <i>J. Ess. Oil Res.</i> , 3: 441-442.
<i>Echinacea purpurea</i>	Shoot	--	--		Leung, A. Y. and Foster, S. 1995. <i>Encyclopedia of Common Natural Ingredients</i> 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Echinacea</i> spp	Root	--	26.0		<i>Economic &amp; Medicinal Plant Research</i> , 5: 253.
<i>Echinacea pallida</i>	Shoot	--	--		Leung, A. Y. and Foster, S. 1995. <i>Encyclopedia of Common Natural Ingredients</i> 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Echinacea angustifolia</i>	Shoot	--	--		Leung, A. Y. and Foster, S. 1995. <i>Encyclopedia of Common Natural Ingredients</i> 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Elsholtzia polystachya</i>	Plant	--	--		Hegnauer, R. 1962-1997. <i>Chemotaxonomie der Pflanzen</i> , Bde 1-11. Birkhauser Verlag Basel, Boston, Berlin.
<i>Ficus carica</i>	Leaf	--	--		Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
<i>Humulus lupulus</i>	Fruit	--	24.0		*
<i>Hypericum perforatum</i>	Plant	0.5	9.0		*
<i>Magnolia officinalis</i>	Essential Oil	--	--		*
<i>Origanum vulgare</i>	Shoot Essent. Oil	--	10400.0		*
<i>Sideritis pauli</i>	Shoot	--	26.0	1.22	Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. <i>FFJ</i> : 47-8. 1992.
<i>Tanacetum parthenium</i>	Shoot	--	31.0	1.64	Hendriks, H., Bos, R., and Woerdenbag, H. J. 1996. The Essential Oil of <i>Tanacetum parthenium</i> (L.) Schultz-Bip. <i>Flavor and Fragrance Journal</i> 11(6): 367-71.
<i>Teucrium polium</i>	Shoot	--	1.0	-0.86	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian <i>Teucrium</i> Species. <i>J. Ess. Oil Res.</i> 5: 397-402.
<i>Teucrium salviastrum</i>	Shoot	--	9.3	-0.17	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. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium asiaticum</i>	Shoot	--	0.35	-0.92	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. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium oxylepis</i>	Shoot	--	1.18	-0.85	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. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium pseudoscorodonia</i>	Shoot	--	2.48	-0.74	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. <i>Phytochemistry</i> 29(4): 1165-9.

Teucrium scorodonia	Shoot	--	3.03	-0.69	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
Teucrium oxylepis	Shoot	--	2.45	-0.74	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
Teucrium gnaphalodes	Shoot	--	17.0	0.47	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian Teucrium Species. <i>J. Ess. Oil Res.</i> 5: 397-402.