

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ALPHA-BISABOLOL

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|---------------------------|---------------|---------|----------|--------|--|
| Artemisia annua | Shoot | | | | Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191 pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands. |
| Angelica archangelica | Plant | | | | Pakistan Encyclopedia Planta Medica. 1986. |
| Cinnamomum camphora | Plant | | | | -- |
| Ocimum basilicum | Essential Oil | | | | -- |
| Salvia sclarea | Plant | | | | Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986. |
| Teucrium pseudoscorodonia | Shoot | | | | 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. |
| Teucrium salviastrum | Shoot | | | | 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. |
| Satureja obovata | Leaf | | | | 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. |
| Satureja obovata | Leaf | | | | 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. |
| Satureja obovata | Leaf | | | | 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 |
|-----------------------|--------------------|---------|----------|---------------------|--|
| Teucrium oxylepis | Shoot | | | | 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. |
| Cannabis sativa | Flower Essent. Oil | | | | -- |
| Cannabis sativa | Essential Oil | | | | -- |
| Cannabis sativa | Plant | | | | Turner, C. E., El Sohly, M. A., Boeren, E. G. 1980. Constituents of Cannabis sativa L. XVII. A Review of the Natural Constituents. J Natural Products, 432: 169-234. |
| Teucrium scorodonia | Shoot | | | | 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. |
| Lavandula latifolia | Plant | 4.0 | 10.0 | -1.188297991778091 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| Satureja obovata | Leaf | | 0.01 | -1.1802345003981694 | 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. |
| Sideritis mugronensis | Flower | 105.0 | 710.0 | -1.0 | Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. J. Ess. Oil Res., 3: 395-397. |
| Teucrium asiaticum | Shoot | | 0.1 | -0.6871966618443117 | 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. |
| Thymus riatarum | Shoot | | 0.1 | -0.6871966618443117 | Iglesias, J., Vila, R., Canigual, S., Bellakdhar, and I Idrissi, A. 1991. Analysis of the Essential Oil of Thymus riatarum. J. Ess. Oil Res. 3: 43-4. |
| Teucrium oxylepis | Shoot | | 0.15 | -0.6653114178365311 | 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. |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-----------------------|--------|---------|----------|----------------------|--|
| Sideritis mugronensis | Leaf | 60.0 | 410.0 | -0.0846307716968032 | Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. J. Ess. Oil Res., 3: 395-397. |
| Ocimum basilicum | Plant | | 90.0 | -0.06989988186929946 | 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. |
| Acinos alpinus | Shoot | | 2.0 | 0.1444426104513522 | 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.) |
| Matricaria recutita | Flower | 725.0 | 10000.0 | 1.0 | -- |
| Scutellaria parvula | Plant | | 185.0 | 1.2581978736473902 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| Achillea millefolium | Leaf | 1.0 | 915.0 | 1.264865272094972 | -- |
| Acinos alpinus | Shoot | | 6.0 | 1.8952621310738031 | 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.) |