

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ALPHA-YLANGENE

| Plant                  | Part             | Low PPM | High PPM | StdDev              | Reference  |
|------------------------|------------------|---------|----------|---------------------|--|
| Acorus calamus         | Rhizome          |         | 500.0    |                     | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.   |
| Agastache rugosa       | Tissue Culture   |         |          |                     | Jim Duke's personal files.   |
| Betula sp.             | Shoot            |         |          |                     | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |
| Boswellia sacra        | Essential Oil    |         |          |                     | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.   |
| Callicarpa americana   | Leaf             |         | 0.55     |                     | --   |
| Cinnamomum verum       | Bark             | 31.0    | 124.0    |                     | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.   |
| Cinnamomum verum       | Root Bark        |         |          |                     | --   |
| Cinnamomum verum       | Leaf Essent. Oil | 2500.0  | 10000.0  | 1.0                 | --   |
| Cinnamomum verum       | Stem Bark        |         |          |                     | --   |
| Cinnamomum verum       | Bark Essent. Oil |         |          |                     | --   |
| Citrus sinensis        | Pericarp         |         |          |                     | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.                              |
| Citrus aurantium       | Plant            |         |          |                     | --   |
| Citrus paradisi        | Pericarp         |         |          |                     | --   |
| Citrus reticulata      | Fruit            |         | 1.0      | -0.7179018133512801 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.   |
| Elettaria cardamomum   | Seed             |         |          |                     | --   |
| Humulus lupulus        | Fruit            |         | 5.0      | -0.6962565325467188 | --   |
| Juniperus oxycedrus    | Plant            |         |          |                     | --   |
| Laurus nobilis         | Leaf             |         |          |                     | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.   |
| Leptospermum scoparium | Essential Oil    |         |          |                     | --   |
| Mentha longifolia      | Shoot            | 0.0     | 85.0     | 1.4141951037901395  | Planta Medica, 57: A83, 1991.  |

| Plant                | Part             | Low PPM | High PPM | StdDev              | Reference   |
|----------------------|------------------|---------|----------|---------------------|---|
| Pimenta racemosa     | Leaf             |         |          |                     | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.  |
| Pinus sylvestris     | Leaf Essent. Oil |         | 500.0    | -1.0                | --  |
| Syzygium aromaticum  | Fruit            | 245.0   | 395.0    | 1.414158345897999   | --  |
| Syzygium aromaticum  | Plant            |         |          |                     | --  |
| Teucrium gnaphalodes | Shoot            |         | 0.0      | -0.713355052354318  | 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. |
| Teucrium polium      | Shoot            |         | 0.5      | -0.7008400514358212 | 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. |
| Zea mays             | Husk Essent. Oil |         |          |                     | --  |
| Zea mays             | Essential Oil    |         | 17000.0  |                     | --  |
| Zea mays             | Leaf             |         |          |                     | --  |
| Zea mays             | Seed Essent. Oil |         | 17000.0  |                     | --  |
| Zingiber officinale  | Rhizome          |         |          |                     | --  |