

**Dr. Duke's Phytochemical and Ethnobotanical Databases**

**List of Plants for GUAIACOL**

| Plant                 | Part                | Low PPM | High PPM | StdDev | Reference  |
|-----------------------|---------------------|---------|----------|--------|--|
| Agathosma betulina    | Leaf Essent. Oil    |         |          |        | --   |
| Apium graveolens      | Leaf                |         |          |        | --   |
| Apium graveolens      | Essential Oil       |         |          |        | --   |
| Apium graveolens      | Seed                |         |          |        | --   |
| Apium graveolens      | Shoot               |         |          |        | --   |
| Aspalathus linearis   | Leaf Essent. Oil    |         | 240000.0 |        | --   |
| Aspalathus linearis   | Leaf                |         |          |        | --   |
| Aspalathus linearis   | Plant               |         |          |        | --   |
| Asparagus officinalis | Shoot               |         |          |        | --   |
| Betula sp.            | Plant               |         |          |        | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.   |
| Camellia sinensis     | Leaf                |         |          |        | --   |
| Capsicum annuum       | Fruit               |         |          |        | --   |
| Cinnamomum aromaticum | Bark                |         |          |        | Wealth of India.   |
| Cinnamomum aromaticum | Plant               |         |          |        | --   |
| Coffea arabica        | Seed                |         |          |        | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses  |
| Curcuma longa         | Rhizome             |         |          |        | --   |
| Elaeis guineensis     | Plant               |         |          |        | J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.   |
| Eucalyptus citriodora | Leaf                |         |          |        | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.                               |
| Ficus carica          | Leaf                |         |          |        | Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar. |
| Glycyrrhiza glabra    | Root                |         |          |        | --   |
| Guaiacum sp.          | Resin, Exudate, Sap |         |          |        | --   |

| Plant                   | Part             | Low PPM | High PPM | StdDev              | Reference   |
|-------------------------|------------------|---------|----------|---------------------|---|
| Juniperus oxycedrus     | Wood             |         |          |                     | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.  |
| Ligustrum japonicum     | Flower           |         |          |                     | --  |
| Lycopersicon esculentum | Fruit            |         |          |                     | --  |
| Mentha x piperita       | Leaf             | 0.01    | 0.1      | -0.9999999999999998 | Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.                |
| Micromeria juliana      | Leaf             |         | 75.0     | 1.0                 | 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. |
| Morus alba              | Plant            |         |          |                     | --  |
| Nicotiana tabacum       | Leaf             |         |          |                     | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.            |
| Pinus elliottii         | Plant            |         |          |                     | --  |
| Pogostemon cablin       | Leaf             |         |          |                     | --  |
| Ruta graveolens         | Plant            |         |          |                     | --  |
| Santalum album          | Wood             |         |          |                     | --  |
| Scutellaria baicalensis | Root Essent. Oil |         |          |                     | --  |
| Sesamum indicum         | Seed             |         |          |                     | Jim Duke's personal files.  |
| Vanilla planifolia      | Fruit            |         | 19.0     |                     | --  |
| Zea mays                | Seed             |         |          |                     | --  |